

SERAC Youth Survey Regional Summary 2010-2011

Final Report

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SERAC Youth Survey
Regional Summary 2010-2011

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In this report we summarize the findings of youth surveys administered to nearly 6000 youth in grades 7-12 in 12 Southeastern Connecticut communities in 2010 and 2011. The surveys were administered by Southeastern Regional Action Council and or Quantitative Services 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 coalitions and health professionals throughout Connecticut specifically, East of the River Action for Substance-Abuse Elimination and Archie C. Swindell, Ph.D. of Quantitative Services. The modifications reflect changes in questions related to illegal substances and gambling behaviors, and the addition of questions related to bullying and other risk taking behaviors.

The authors sincerely appreciate the cooperation of the local representatives who made it possible to administer the surveys. We especially thank the youth who shared their personal experiences and opinions, and parents who permitted their children to take the surveys. 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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DISCLAIMER

Opinions expressed herein are the views of the authors and may not necessarily reflect the views, official policy or position of individual communities, Southeastern Regional Action Council or other participating agencies or individuals.

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 grades 6 to 12 as the starting point. The original 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 eleven years since the GPIY survey was last given by the Connecticut Department of Mental Health and Addiction Services (DMHAS), and to add questions about health and wellness from the Youth Risk Behavior Surveillance System (YRBSS) [5] national survey and questions about bullying. Whenever possible, questions in this survey were taken *verbatim* from the National Outcome Measures (SAMHSA) [6] and the GPIY survey, which were in turn taken from national surveys of YRBSS [5], Monitoring The Future (MTF) [2], and the forty "Developmental Assets" identified by Search Institute [7]. Questions on bullying behaviors are modeled after the Olweus Bullying Questionnaire [8]. 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 in each community, 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 not answering the questions and a few did so.

Whenever possible, the surveys were administered on-line in computer labs using the SurveyMonkey.com® web site and software. In some cases, the survey had to be administered as paper copies. In those cases, local personnel or SERAC staff entered the responses from the paper copies onto the SurveyMonkey.com® website. 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. A copy of a sample survey is available upon request.

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.

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All statistical and tabulation computations were carried out using SPSS® version 20 data analysis software system. Data checking and formatting operations were carried out in Microsoft Excel®, and the final report was produced in Microsoft Word®.

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.

With the exception of the demographic data, all reported rates have been weighted in order to account for differences in sampling rates across grades and communities. The weight was calculated as the inverse of the participation rate for a each grade in each community. Within a given community, data from any grade which had less than 20% participation (corresponding to a weight of >5) was excluded. For example, if 80% (0.80) of 8th graders in a given community responded to the survey, the weight for 8th graders in that community would be 1.3 ($1/0.8=1.25=1.3$ when rounded to the nearest tenth). If the participation rate among 12th graders in that community was 19% ($<20\%$), the weight would be 0 and the responses from 12th graders in that community would be excluded from the results presented in this report.

Between 2010 and 2011, some significant changes were made in the answer choices and/or wording for several questions in the survey. Where necessary, the responses to the old and versions of the questions have been tabulated below.

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RESULTS

Section 1: Demographics

This report summarizes responses provided to surveys administered in 2010 and 2011 to five thousand eight hundred and forty three (5,843) youth in grades 7th through 12th representing 12 communities (11 school districts) in Southeastern Connecticut (Tables 1 and 2). The majority of youth (66.4%) describe themselves as White or Caucasian while 13.8% describe themselves as Black or African American, 5.6% describe themselves as Asian or Pacific Islander, 3% describe themselves as Native American and 11% describe themselves and an Other race (Table 3). About one in five youth (18.3%) described themselves as Hispanic. The sample includes a slightly greater percentage of females than males (Table 4).

Section 2: Tobacco, Alcohol, and Other Substance Use

Alcohol appears to be the substance of choice among youth in the region (Table 5). Recent use rates range from about 6% among 7th graders to 39% among 12th graders. Lifetime use rates range from 22% to 72%.

Of the illicit drugs specifically mentioned in the survey, marijuana is the most commonly used with 2% of 7th graders, 11% of 9th graders and 21% of 11th and 12th graders reporting recent use and 5 - 41% of youth reporting lifetime use.

Regular use of illicit drugs, other than marijuana, does not appear to be a large problem among youth in the region. Recent (past 30 day) use rates are generally <1%. However, lifetime use rates do suggest that youth are experimenting with these substances, particularly ecstasy, hallucinogens and cocaine.

In the State of Connecticut, both salvia and synthetic marijuana were legal substances prior to July 1, 2011 when the Connecticut legislature passed legislation prohibiting the sale and possession of both these substances. The Federal Drug Enforcement Agency also placed an emergency ban on synthetic marijuana in early 2011. Between 1% and 11% of youth in the region report ever having used synthetic marijuana. Lifetime use rates for salvia tend to be similar or slightly lower.

Recent misuse of legal over the counter (OTC) medications is reported by 1 - 3% of youth. Lifetime misuse of these substances is reported by 5 - 10% of youth. Most youth (61 - 81%) report having used an energy drink in their lifetime. Recent use is reported by 33 - 42% of youth. Between 11 and 31% of youth have consumed an energy drink mixed with alcohol at least once in their life while 3 - 14% report recent use of an energy drinks mixed with alcohol.

Lifetime drinkers and non-drinkers were compared with regard to rates of lifetime use of several other substances. Youth who report lifetime alcohol use are about 10 times as likely as non-

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drinkers to also report lifetime cigarettes use, lifetime other tobacco use or lifetime use of any illicit drug other than marijuana (Table 7). They are 12.5 times as likely to have used marijuana and about 1.5 times as likely to have used an energy drink.

Youth who report lifetime marijuana use are also likely than non-users to report use of other substances including alcohol (2.8 times), cigarettes (8.5 times), other tobacco (9.4 times) illicit drugs other than marijuana (20.1 times), energy drinks (1.4 times) and energy drinks with alcohol (5.0 times).

Overall, youth report that they began using alcohol, tobacco and marijuana between the ages of 13 and 14 (Table 8). The mean ages of initiation for alcohol and cigarettes tended to be younger than the mean ages of initiation for other tobacco products and marijuana (13 years versus 14 years).

Beginning in 2011, the way that lifetime drinkers were asked about binge drinking behavior (consumption of 4 or more drinks on a single occasion) was changed. So far, the new question has been asked of only 192 youth of whom 6 - 40% report binge drinking in the past 30 days (Table A). This is generally in agreement with the data obtained from the combination of the old and new data (total of 696 youth) in which recent binge drinking is reported by 5 - 43% of youth although individual grade rates do vary between the two tabulations.

Lifetime drinkers were asked where they get alcohol. Common sources include parents (with and without permission) and friends (Table B). A small percentage of youth did report that they buy alcohol at a store, bar or restaurant.

Recent drinkers were asked where they had consumed alcohol in the past 30 days. The highest percentages (36 - 52%) report drinking on the street, in the woods or in parks and fields (Table C). Between 10 and 32% of youth report that they have drunk alcohol while driving.

In the new version of the survey, youth are asked about the factors that influence *them* to use alcohol. In the old version they were asked about factors influencing *youth, in general*, to use alcohol. The results are of the two questions are shown in Table 10.

Youth were asked about the frequency with which they use cigarettes, other tobacco, marijuana, energy drinks and energy drinks with alcohol. The results are shown in Table 11. In general, use of all substances tends to increase with increasing grade. Among these substances, energy drinks are the most frequently used.

Section 3. Individual/Peer Domain

Use of a substance tends to be inversely related to the perceived harm associated with the use of that substance (Table 12). Most youth (55 - 64%) feel there is great risk associated with the use of cigarettes. The percentage of youth who feel there is great risk associated with use of

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prescription drugs tends to be slightly lower (49 - 60%). The perceived harm associated with alcohol use is lowest with between 32 and 40% of youth reporting great risk. The perceived risk associated with marijuana use is the most variable. Although 62% of 7th graders think there is great risk associated with marijuana use the percentage drops to just 27% among 12th graders.

In the new version of the survey, youth are asked how wrong their friends feel it would be for them to use cigarettes, alcohol and marijuana. At this time there is only a very small sample of youth in grades 7 and 8 but the results are shown in Table 13. Among these younger youth, the greatest perceived disapproval is for marijuana with 77 - 83% reporting that their friends feel it would be very wrong for them to use marijuana. The lowest perceived disapproval is for alcohol use (52 - 54% very wrong). Between 63% and 67% of these youth say their friends think it is very wrong for them to smoke cigarettes.

Compared to younger youth, older youth consider alcohol, cigarettes and marijuana to be more readily available (Table 14). Overall, youth consider alcohol and cigarettes to be the easiest to get. Older youth also consider marijuana relatively easy to get. Most youth report that illicit drugs would be much harder to get.

Youth were asked whether they had engaged in certain antisocial behaviors in the past year (Table 15). The highest percentages of youth (23 - 48%) report having cheated on a test in school in the past year. The fewest (2 - 9%) have sold illegal drugs. Between 12% and 33% of youth have ridden as a passenger with a driver who was under the influence of drugs or alcohol.

In general, youth in the region have positive self concepts (Table 16). The majority agree with positive statements such as "I am good at making decisions", "I have a number of good qualities", "I stand up for what I believe in" and "I believe my life is going in a positive direction". However 6 - 7% strongly agree with the statement "I feel lonely" and 4 - 5% strongly agree with the statement "I feel sad most of the time".

Most regional youth appear to have a good social support network for dealing with problems that bother them (Table 17). Between 27% and 40% say they almost always talk about it with a friend while between 9 and 18% almost always talk about it with a parent or guardian. However, between 20 and 25% of youth report that they almost always keep it to themselves.

Section 4: Family Domain

Between 61 - 67% of youth report that their parent/guardian(s) drink alcohol and 27 - 40% report that their parent/guardian(s) smoke cigarettes (Table 18). Between 16% and 22% of youth report that someone in their family has used alcohol so that it created problems at home, at work or with friends.

Most youth (63 - 89%) say their parents think it would be very wrong for them to smoke cigarettes or use marijuana (Table 19). However, youth perceive that their parents are less

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disapproving of their using alcohol. Between 38% and 70% of youth report that their parents think it would be very wrong for them to drink alcohol.

Most youth report that their families have rules discouraging them from using alcohol, cigarettes and marijuana (Table 20). The percentage tends to be lowest for alcohol. Most youth report feeling close to, love and valued by their parents (Table 21). Most youth report that they share their thoughts and feeling with their parents. However, 17 - 21% report that they definitely do not.

Section 5. School Domain

Most youth report a definite commitment to doing good work at school (Table 22). Although most youth feel safe at school, between 3 and 7% report that they definitely do not feel safe at school. The new version of the survey includes a question about whether youth feel encouraged and supported by teachers and staff at their school. Although the responses are only from a small number of youth in grades 7 and 8, so far most youth report that they feel supported and encouraged by the school staff.

Section 6. Community Domain

Most youth feel that drug sales and use are not prevalent among youth in their community and that the adults in their community are trying to keep kids off drugs (Table 23).

Youth were asked about the importance of various prevention strategies in keeping kids from drinking alcohol. When the various prevention strategies are ranked from high to low based upon the percentage of youth considering them "very important", the top 3 strategies in among youth in grades 7th through 9th are checking IDs, having driver's licenses suspended and parental strictness about drinking (Table 24). Among youth in grades 10-12, having driver's license suspended and checking IDs remain important. However, parental strictness drops out of the top 3 strategies and is replaced by having friends who don't drink.

Section 7. Bullying

The new version of the survey includes questions about bullying. Higher rates of bullying are reported by younger youth. Most high school aged youth (>60%) report that they have never been bullied (Table 25). However, only 34 - 44% of 7th and 8th graders report that they have never been bullied. Between 0 and 4% of youth report that in the past 30 days; they have been bullied at school almost every day. Again, the rates tend to be higher among younger youth (grades 7 and 8) than among older youth (grades 9 through 12). Youth report that teachers are more likely than other youth to try to stop bullying. Youth who report having been bullied are also asked about the types of bullying they have experienced and where that bullying has occurred. The most common types of bullying are being left out, excluded or ignored or having others spread lies or rumors (Table D). Common sites of bullying include hallways or stairwells, the lunch room and online or through text messaging.

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Section 8. Gambling

The new version of the survey also included questions about gambling. At this time responses from a small number of youth in grades 7 and 8 are available. Most of these youth (>84%) report that they have never gambled. Only about 2% report recent gambling.

Section 9. Comparisons

Use national use rates for various substances are provided for reference. For each substance included, both the recent and lifetime regional rates are similar to or less than the national rates (Table 27, 28).

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Section 1. Demographics

Table 1. Participants Included in Analysis by Community

Community	Frequency (n)	Percent of Sample (%)
Bozrah	46	0.8%
Colchester	1167	20.0%
Groton	982	16.8%
Ledyard	495	8.5%
Lyme/Old Lyme	580	9.9%
Montville	359	6.1%
New London	605	10.4%
Norwich	830	14.2%
North Stonington	247	4.2%
Preston	71	1.2%
Waterford	461	7.9%
<i>All</i>	<i>5843</i>	<i>100.0%</i>

Table 2. Grade of Participants Included in Analysis

Grade	Frequency (n)	Percent of Sample (%)
7	1353	23.2%
8	1166	20.0%
9	1287	22.2%
10	727	12.4%
11	663	11.3%
12	647	11.1%
7-12	5843	100.0%

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Table 3. Race and Ethnicity of Youth Included in Analysis

Race/Ethnicity	Percent (%)
White/Caucasian	66.4%
Black/African	13.8%
Asian/Pacific Islander	5.6%
Native American	3.0%
Other	11.2%
Hispanic	18.3%

Table 4. Gender of Participants Included in Analysis

Gender	Frequency (n)	Percent (%)
<i>Female</i>	3013	51.6%
<i>Male</i>	2769	47.4%
<i>Missing</i>	61	1.0%
<i>Total</i>	5843	100.0%

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Section 2. Tobacco, Alcohol, and Other Substance Use

Table 5. Reported Use Rates for Various Substances

Substance	Grade					
	7	8	9	10	11	12
Cigarettes						
<i>Never</i>	93.0%	86.9%	82.4%	77.2%	69.6%	64.9%
<i>Lifetime</i>	7.0%	13.1%	17.6%	22.8%	30.4%	35.1%
<i>Recent</i>	2.7%	4.7%	7.9%	10.4%	13.0%	14.6%
Other Tobacco Products						
<i>Never</i>	94.4%	89.4%	86.4%	79.2%	73.9%	69.9%
<i>Lifetime</i>	5.6%	10.6%	13.6%	20.8%	26.1%	30.1%
<i>Recent</i>	2.0%	4.8%	7.2%	10.1%	12.9%	17.8%
Cigarettes or Tobacco						
<i>Never</i>	89.8%	83.4%	79.2%	68.3%	61.4%	55.0%
<i>Lifetime</i>	10.2%	16.6%	20.8%	31.7%	38.6%	45.0%
<i>Recent</i>	3.5%	6.9%	11.6%	14.8%	18.9%	24.8%
Alcohol						
<i>Never</i>	77.7%	61.7%	57.2%	45.6%	36.9%	28.1%
<i>Lifetime</i>	22.3%	38.3%	42.8%	54.4%	63.1%	71.9%
<i>Recent</i>	5.7%	13.5%	17.6%	26.5%	32.6%	38.7%
Marijuana						
<i>Never</i>	95.2%	88.5%	81.1%	68.6%	60.7%	58.8%
<i>Lifetime</i>	4.8%	11.5%	18.9%	31.4%	39.3%	41.2%
<i>Recent</i>	2.3%	6.1%	11.1%	17.1%	21.3%	21.2%
Pain Medication						
<i>Never</i>	93.7%	90.8%	92.9%	86.1%	82.1%	86.5%
<i>Lifetime</i>	6.3%	9.2%	7.1%	13.9%	17.9%	13.5%
<i>Recent</i>	1.0%	2.9%	2.1%	4.1%	3.4%	1.9%

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Table 5. Reported Use Rates for Various Substances (continued)

Substance	Grade					
	7	8	9	10	11	12
Steroids						
<i>Never</i>	98.6%	98.8%	99.3%	98.6%	99.1%	99.8%
<i>Lifetime</i>	1.4%	1.2%	0.7%	1.4%	0.9%	0.2%
<i>Recent</i>	0.3%	0.3%	0.0%	0.2%	0.0%	0.0%
Downers						
<i>Never</i>	96.0%	94.1%	92.5%	89.6%	88.6%	91.5%
<i>Lifetime</i>	4.0%	5.9%	7.5%	10.4%	11.4%	8.5%
<i>Recent</i>	1.5%	1.1%	1.2%	2.8%	2.2%	2.1%
Tranquilizers						
<i>Never</i>	99.7%	98.9%	98.0%	96.4%	96.9%	96.7%
<i>Lifetime</i>	0.3%	1.1%	2.0%	3.6%	3.1%	3.3%
<i>Recent</i>	0.1%	0.2%	0.4%	0.9%	0.3%	0.4%
Uppers						
<i>Never</i>	98.5%	98.5%	96.9%	95.3%	91.8%	90.5%
<i>Lifetime</i>	1.5%	1.5%	3.1%	4.7%	8.2%	9.5%
<i>Recent</i>	0.7%	0.1%	0.8%	1.9%	3.7%	2.8%
Cocaine						
<i>Never</i>	99.0%	99.3%	98.6%	97.2%	96.1%	95.7%
<i>Lifetime</i>	1.0%	0.7%	1.4%	2.8%	3.9%	4.3%
<i>Recent</i>	0.4%	0.1%	0.1%	0.5%	0.4%	0.7%
Crack Cocaine						
<i>Never</i>	99.3%	99.5%	99.4%	98.5%	98.9%	99.6%
<i>Lifetime</i>	0.7%	0.5%	0.6%	1.5%	1.1%	0.4%
<i>Recent</i>	0.3%	0.2%	0.3%	0.3%	0.5%	0.0%
Ecstasy						
<i>Never</i>	99.4%	99.4%	98.0%	96.4%	95.2%	95.1%
<i>Lifetime</i>	0.6%	0.6%	2.0%	3.6%	4.8%	4.9%
<i>Recent</i>	0.2%	0.1%	0.8%	0.7%	0.8%	0.9%

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Table 5. Reported Use Rates for Various Substances (continued)

Substance	Grade					
	7	8	9	10	11	12
Hallucinogens						
<i>Never</i>	99.0%	98.2%	96.8%	95.9%	92.5%	92.5%
<i>Lifetime</i>	1.0%	1.8%	3.2%	4.1%	7.5%	7.5%
<i>Recent</i>	0.3%	0.2%	0.6%	0.3%	2.0%	1.2%
Heroin						
<i>Never</i>	99.2%	99.4%	99.1%	99.1%	99.3%	99.0%
<i>Lifetime</i>	0.8%	0.6%	0.9%	0.9%	0.7%	1.0%
<i>Recent</i>	0.2%	0.2%	0.3%	0.1%	0.2%	0.0%
Ketamine						
<i>Never</i>	99.2%	99.6%	98.9%	98.7%	98.5%	99.7%
<i>Lifetime</i>	0.8%	0.4%	1.1%	1.3%	1.5%	0.3%
<i>Recent</i>	0.4%	0.1%	0.3%	0.2%	0.4%	0.0%
GHB						
<i>Never</i>	99.6%	99.5%	99.3%	98.7%	99.8%	100.0%
<i>Lifetime</i>	0.4%	0.5%	0.7%	1.3%	0.2%	0.0%
<i>Recent</i>	0.1%	0.1%	0.2%	0.2%	0.0%	0.0%
Methamphetamine						
<i>Never</i>	99.4%	99.5%	99.1%	99.2%	99.0%	99.2%
<i>Lifetime</i>	0.6%	0.5%	0.9%	0.8%	1.0%	0.8%
<i>Recent</i>	0.0%	0.4%	0.4%	0.2%	0.8%	0.0%
Synthetic Marijuana						
<i>Never</i>	98.7%	97.6%	95.6%	93.7%	89.2%	91.4%
<i>Lifetime</i>	1.3%	2.4%	4.4%	6.3%	10.8%	8.6%
<i>Recent</i>	0.4%	1.2%	1.5%	3.0%	1.6%	2.1%
Salvia						
<i>Never</i>	99.1%	98.6%	97.0%	95.2%	89.8%	93.9%
<i>Lifetime</i>	0.9%	1.4%	3.0%	4.8%	10.2%	6.1%
<i>Recent</i>	0.4%	0.1%	0.6%	0.0%	1.9%	1.0%

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Table 5. Reported Use Rates for Various Substances (continued)

Substance	Grade					
	7	8	9	10	11	12
Bath Salts						
<i>Never</i>	96.1%	98.1%	NA	NA	NA	NA
<i>Lifetime</i>	3.9%	1.9%	NA	NA	NA	NA
<i>Recent</i>	1.2%	1.3%	NA	NA	NA	NA
Inhalants						
<i>Never</i>	92.0%	91.3%	93.4%	93.2%	91.4%	93.7%
<i>Lifetime</i>	8.0%	8.7%	6.6%	6.8%	8.6%	6.3%
<i>Recent</i>	2.4%	1.6%	0.7%	1.7%	1.0%	0.5%
OTC Medicines						
<i>Never</i>	95.0%	95.4%	93.8%	93.2%	90.4%	91.9%
<i>Lifetime</i>	5.0%	4.6%	6.2%	6.8%	9.6%	8.1%
<i>Recent</i>	2.3%	1.1%	1.7%	2.1%	3.3%	2.2%
Energy Drinks						
<i>Never</i>	39.1%	28.7%	27.2%	28.6%	24.9%	18.9%
<i>Lifetime</i>	60.9%	71.3%	72.8%	71.4%	75.1%	81.1%
<i>Recent</i>	35.2%	42.0%	40.1%	36.7%	36.4%	33.1%
Energy Drinks +Alcohol						
<i>Never</i>	89.2%	83.4%	82.6%	78.4%	73.7%	69.3%
<i>Lifetime</i>	10.8%	16.6%	17.4%	21.6%	26.3%	30.7%
<i>Recent</i>	2.5%	5.3%	7.2%	8.4%	12.6%	13.6%

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Table 6. Reported Use Rates for Various Categories of Substances

Substance	Grade					
	7	8	9	10	11	12
Any illicit drug other than marijuana*						
<i>Never</i>	97.5%	97.7%	95.4%	92.7%	88.4%	90.0%
<i>Lifetime</i>	2.5%	2.3%	4.6%	7.3%	11.6%	10.0%
<i>Recent</i>	0.9%	0.4%	1.5%	1.7%	3.3%	2.4%
Any prescription drug**						
<i>Never</i>	91.2%	87.5%	87.0%	82.7%	76.2%	80.1%
<i>Lifetime</i>	8.8%	12.5%	13.0%	17.3%	23.8%	19.9%
<i>Recent</i>	2.6%	3.8%	3.9%	6.3%	7.4%	6.3%

* includes cocaine, crack, ecstasy, hallucinogens, heroin, GHB and methamphetamine

** includes uppers, downers, tranquilizers or pain medications

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Table 7. Comparison of Lifetime Rates of Use of Other Substances Among Lifetime Drinkers and Non-Drinkers and Lifetime Marijuana Users and Non-Users

Other Substance Used	Drinkers	Non-Drinkers	Ratio (Drinker/Non-Drinker)
Cigarettes	37.7%	3.8%	9.9
Other tobacco	31.7%	3.3%	9.6
Marijuana	43.8%	3.5%	12.5
Illicit drugs, other than marijuana*	11.1%	1.1%	10.1
Energy drinks	89.6%	58.4%	1.5

Other Substance Used	Marijuana Users	Marijuana Non-Users	Ratio (Users/Non-Users)
Alcohol	91.3%	33.1%	2.8
Cigarettes	61.8%	7.3%	8.5
Other tobacco	53.6%	5.7%	9.4
Illicit drugs, other than marijuana*	22.1%	1.1%	20.1
Energy drinks	94.8%	65.8%	1.4
Energy Drinks with Alcohol	54.0%	10.7%	5.0

* Includes cocaine, crack, ecstasy, hallucinogens, heroin, GHB and methamphetamine

Table 8. Age of Initiation for Various Substances

Substance	Range* (years)	Mean (years)	Standard Deviation
Alcohol	9-18	13.3	2.2
Cigarettes	9-18	13.3	2.1
Other Tobacco Products	11-17	14.2	1.4
Marijuana	9-18	13.9	1.8

*Responses of less than 9 years of age were excluded

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Table 9. Frequency of Alcohol Use

	Grade					
	7	8	9	10	11	12
New Question						
During the past 30 days, on how many days did you drink alcoholic beverages (more than a sip and not including religious activities)? <i>n</i> = 692						
<i>I have NEVER used</i>	92.2%	83.7%	77.2%	65.3%	51.5%	32.9%
<i>Not in the past 30 days</i>	7.2%	13.8%	19.0%	27.7%	30.9%	34.1%
<i>Occasionally (1-5 days)</i>	0.0%	1.9%	3.8%	5.0%	14.4%	24.4%
<i>Frequently (6-20 days)</i>	0.6%	0.6%	0.0%	2.0%	3.1%	8.5%
<i>Almost every day (21 days or more)</i>	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Old Question						
During the past 30 days, on how many days did you drink alcoholic beverages (more than a sip and not including religious activities)? <i>n</i> = 2289						
<i>None</i>	73.8%	64.0%	58.3%	48.6%	47.1%	45.9%
<i>1-2 days</i>	14.6%	22.9%	25.2%	27.2%	26.7%	26.7%
<i>3-5 days</i>	9.1%	7.7%	10.8%	16.7%	12.8%	14.3%
<i>6-10 days</i>	1.7%	3.4%	3.1%	4.6%	7.0%	7.6%
<i>More than 10 days</i>	0.8%	2.0%	2.6%	2.9%	6.4%	5.5%
Old Question + New Question						
During the past 30 days, on how many days did you drink alcoholic beverages (more than a sip and not including religious activities)? <i>n</i> = 2484						
<i>None</i>	74.5%	64.8%	58.8%	50.6%	48.2%	46.2%
<i>1-5 days</i>	22.9%	29.8%	35.6%	42.0%	38.9%	40.7%
<i>6 or more days</i>	2.7%	5.4%	5.6%	7.4%	12.9%	13.1%

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*****Lifetime Drinker- Sub-analysis*****

Table A. Intensity of Alcohol Use Among Lifetime Drinkers

	Grade					
	7	8	9	10	11	12
How often have you drank 4 or more alcoholic drinks (beer, wine, wine coolers, mixed drinks, hard liquor etc.) during a single occasion?						
<i>NEVER*</i>	92.9%	80.0%	93.7%	31.2%	34.8%	17.0%
<i>Not in the past 30 days*</i>	0.0%	16.0%	6.3%	62.5%	50.0%	45.3%
<i>Occasionally (1-5 days)*</i>	0.0%	4.0%	0.0%	6.3%	13.0%	30.2%
<i>Frequently (6-20 days)*</i>	0.0%	0.0%	0.0%	0.0%	2.2%	7.5%
<i>Almost every day * (21 days or more)</i>	7.1%	0.0%	0.0%	0.0%	0.0%	0.0%
<i>Recent Binge Drinking **</i>	1.0%	3.9%	9.1%	11.4%	16.6%	20.1%

**** Old question + new question: n =1958**

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*****Lifetime Drinker- Sub-analysis*****

Table B. Percentage of Lifetime Drinkers Who Report Ever Getting Alcohol from Various Sources
(n = 2368)

How often did you get alcoholic beverages from the following sources?						
	Grade					
	7	8	9	10	11	12
Parents, with permission						
<i>Ever</i>	41.0%	42.3%	41.9%	39.7%	37.3%	35.3%
Parents, without permission						
<i>Ever</i>	27.6%	31.3%	42.7%	54.3%	43.4%	42.8%
Friends						
<i>Ever</i>	27.5%	40.6%	57.9%	75.7%	77.2%	77.8%
Siblings						
<i>Ever</i>	14.2%	23.2%	24.6%	31.4%	34.2%	31.9%
Other people buy it for you						
<i>Ever</i>	10.4%	16.7%	27.0%	39.8%	50.4%	55.8%
At a party with an adult's permission						
<i>Ever</i>	24.2%	28.2%	27.6%	40.7%	46.3%	51.7%
At a restaurant						
<i>Ever</i>	13.3%	14.4%	10.3%	10.2%	14.9%	13.9%
You buy it at a store/bar						
<i>Ever</i>	1.6%	2.2%	3.2%	5.2%	5.8%	10.1%

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Recent Drinker Sub-analysis

**Table C. Location of Alcohol Use Among Recent (Past 30 day) Drinkers
(n = 1090)**

In the past 30 days, did you drink alcoholic beverages...						
	Grade					
	7	8	9	10	11	12
On the street, in the woods, or in parks and fields ?						
<i>No</i>	58.9%	46.9%	56.7%	63.4%	67.9%	43.1%
<i>Yes</i>	41.8%	53.1%	43.3%	36.6%	32.1%	56.9%
At school activities, like dances or sporting events?						
<i>No</i>	80.2%	69.7%	74.5%	92.5%	87.6%	64.0%
<i>Yes</i>	19.8%	30.3%	25.5%	7.5%	12.4%	36.0%
While you were driving a car, truck or motorcycle* ?						
<i>No</i>	79.9%	73.3%	78.7%	90.5%	91.5%	63.8%
<i>Yes</i>	20.1%	26.7%	21.3%	9.5%	8.5%	36.2%
While you were driving a car, truck or motorcycle** ?						
<i>No</i>	NA	100.0%	67.5%	89.3%	91.7%	63.2%
<i>Yes</i>	NA	0.0%	32.5%	10.7%	8.3%	36.8%

* Among all youth , regardless of reported age

** Only among youth who reported an age of 15 or older

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Table 11. Frequency of Substance Use

During the past 30 days, on how many days did you use the following?	Grade					
	7	8	9	10	11	12
Cigarettes?						
<i>I have NEVER used</i>	97.7%	96.2%	97.5%	88.3%	83.7%	70.7%
<i>Not in the past 30 days</i>	1.7%	2.5%	2.5%	6.8%	12.2%	14.6%
<i>Occasionally (1-5 days)</i>	0.6%	1.3%	0.0%	2.9%	2.0%	8.5%
<i>Frequently (6-20 days)</i>	0.0%	0.0%	0.0%	1.0%	1.0%	2.4%
<i>Almost every day (21 days or more)</i>	0.0%	0.0%	0.0%	1.0%	1.0%	3.7%
Other tobacco?						
<i>I have NEVER used</i>	100.0%	97.5%	96.3%	86.0%	86.7%	74.1%
<i>Not in the past 30 days</i>	0.0%	1.3%	2.5%	7.0%	8.2%	12.3%
<i>Occasionally (1-5 days)</i>	0.0%	0.6%	1.3%	5.0%	3.1%	8.6%
<i>Frequently (6-20 days)</i>	0.0%	0.6%	0.0%	1.0%	1.0%	2.5%
<i>Almost every day (21 days or more)</i>	0.0%	0.0%	0.0%	1.0%	1.0%	2.5%
Marijuana?						
<i>I have NEVER used</i>	98.8%	91.8%	97.5%	78.6%	69.4%	51.2%
<i>Not in the past 30 days</i>	0.6%	2.5%	2.5%	9.7%	20.4%	24.4%
<i>Occasionally (1-5 days)</i>	0.6%	3.8%	0.0%	5.8%	4.1%	8.5%
<i>Frequently (6-20 days)</i>	0.0%	1.9%	0.0%	3.9%	6.1%	7.3%
<i>Almost every day (21 days or more)</i>	0.0%	0.0%	0.0%	1.9%	0.0%	8.5%
An energy drink?						
<i>I have NEVER used</i>	71.1%	57.2%	55.6%	61.8%	42.9%	32.9%
<i>Not in the past 30 days</i>	19.4%	29.9%	32.1%	25.5%	34.7%	42.7%
<i>Occasionally (1-5 days)</i>	5.6%	5.6%	8.6%	5.9%	19.4%	14.6%
<i>Frequently (6-20 days)</i>	1.6%	5.4%	2.5%	5.9%	3.1%	8.5%
<i>Almost every day (21 days or more)</i>	2.3%	1.9%	1.2%	1.0%	0.0%	1.2%
An energy drink containing alcohol?						
<i>I have NEVER used</i>	95.6%	93.1%	91.4%	88.3%	83.7%	75.6%
<i>Not in the past 30 days</i>	3.8%	4.4%	7.4%	9.7%	12.2%	17.1%
<i>Occasionally (1-5 days)</i>	0.6%	2.5%	1.2%	1.0%	3.1%	7.3%
<i>Frequently (6-20 days)</i>	0.0%	0.0%	0.0%	1.0%	1.0%	0.0%
<i>Almost every day (21 days or more)</i>	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

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Section 3. Individual/Peer Domain

Table 12. Perceived Harm of Substance Use

How much do people risk harming themselves physically and in other ways when they do the following?

	Grade					
	7	8	9	10	11	12
Smoke cigarettes						
<i>No Risk</i>	5.0%	4.1%	2.0%	3.3%	3.0%	1.7%
<i>Slight Risk</i>	13.7%	9.8%	8.6%	10.0%	8.9%	7.9%
<i>Moderate Risk</i>	25.3%	27.1%	29.0%	30.9%	25.5%	26.1%
<i>Great Risk</i>	55.0%	58.5%	60.2%	55.8%	62.3%	64.3%
<i>I Don't Know*</i>	1.0%	.5%	0.2%	0.1%	0.4%	0.0%
Drink alcoholic beverages						
<i>No Risk</i>	6.2%	6.0%	4.9%	5.9%	5.5%	5.9%
<i>Slight Risk</i>	19.7%	20.7%	20.1%	20.8%	21.1%	20.2%
<i>Moderate Risk</i>	35.8%	36.0%	40.0%	40.2%	33.2%	41.8%
<i>Great Risk</i>	37.1%	37.2%	34.8%	32.8%	39.6%	32.1%
<i>I Don't Know*</i>	1.2%	0.2%	0.2%	0.3%	0.6%	0.0%
Use marijuana						
<i>No Risk</i>	4.1%	6.2%	9.2%	13.1%	17.6%	11.1%
<i>Slight Risk</i>	10.2%	13.7%	19.2%	25.7%	25.6%	28.2%
<i>Moderate Risk</i>	22.1%	24.6%	28.8%	27.3%	24.3%	33.3%
<i>Great Risk</i>	62.0%	55.0%	42.3%	33.2%	31.6%	27.4%
<i>I Don't Know*</i>	1.6%	0.5%	0.5%	0.7%	0.9%	0.0%
Use prescription drugs						
<i>No Risk</i>	4.9%	2.1%	2.1%	3.1%	1.0%	1.9%
<i>Slight Risk</i>	10.1%	9.0%	7.3%	9.1%	11.9%	9.4%
<i>Moderate Risk</i>	30.2%	27.7%	30.5%	31.2%	31.7%	28.6%
<i>Great Risk</i>	48.7%	59.7%	59.2%	54.5%	53.1%	59.0%
<i>I Don't Know*</i>	6.0%	1.4%	0.9%	2.1%	2.3%	1.1%

* The choice of I don't know was added as a choice in the new version of the survey.

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Table 13. Peer Attitudes Toward Youth Substance Use

	How wrong do your friends feel it would be for you to ...					
	Grade					
	7	8	9	10	11	12
Smoke cigarettes?						
<i>Not At All Wrong</i>	1.8%	0.0%	NA	NA	NA	NA
<i>A Little Bit Wrong</i>	10.7%	4.7%	NA	NA	NA	NA
<i>Wrong</i>	24.4%	28.7%	NA	NA	NA	NA
<i>Very Wrong</i>	63.1%	66.6%	NA	NA	NA	NA
Drink alcohol (beer, wine, hard liquor)?						
<i>Not At All Wrong</i>	3.4%	2.0%	NA	NA	NA	NA
<i>A Little Bit Wrong</i>	19.8%	11.5%	NA	NA	NA	NA
<i>Wrong</i>	23.2%	35.0%	NA	NA	NA	NA
<i>Very Wrong</i>	53.7%	51.6%	NA	NA	NA	NA
Use marijuana?						
<i>Not At All Wrong</i>	1.8%	0.0%	NA	NA	NA	NA
<i>A Little Bit Wrong</i>	3.7%	3.2%	NA	NA	NA	NA
<i>Wrong</i>	17.4%	13.7%	NA	NA	NA	NA
<i>Very Wrong</i>	77.1%	83.0%	NA	NA	NA	NA

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Table 14. Perceived Availability of Substances

	Grade					
	7	8	9	10	11	12
If you wanted to, how easy would it be for you to get:						
Beer, wine, wine cooler or hard liquor?						
<i>Very easy</i>	23.1%	36.8%	40.0%	47.3%	55.2%	55.9%
<i>Sort of easy</i>	24.6%	29.8%	31.2%	32.5%	27.9%	29.8%
<i>Sort of hard</i>	19.4%	15.2%	16.0%	10.4%	11.1%	9.3%
<i>Very hard</i>	32.9%	18.2%	12.8%	9.8%	5.7%	5.0%
Cigarettes?						
<i>Very easy</i>	18.6%	28.8%	32.5%	40.2%	54.5%	67.2%
<i>Sort of easy</i>	16.1%	23.1%	26.2%	27.5%	22.4%	18.5%
<i>Sort of hard</i>	18.4%	16.1%	19.7%	16.3%	11.8%	5.1%
<i>Very hard</i>	46.9%	32.0%	21.5%	16.0%	11.3%	9.2%
Marijuana?						
<i>Very easy</i>	9.9%	19.0%	35.3%	45.0%	53.8%	54.4%
<i>Sort of easy</i>	8.0%	16.6%	19.3%	21.5%	20.4%	23.1%
<i>Sort of hard</i>	10.9%	14.7%	15.0%	14.3%	12.4%	10.6%
<i>Very hard</i>	71.2%	49.6%	30.4%	19.2%	13.5%	11.9%
Illicit drugs like cocaine, heroin, LSD or amphetamine?						
<i>Very easy</i>	6.2%	7.7%	10.2%	11.9%	14.8%	14.3%
<i>Sort of easy</i>	5.4%	10.3%	11.2%	15.4%	16.7%	22.0%
<i>Sort of hard</i>	10.5%	15.7%	22.7%	25.3%	30.2%	28.5%
<i>Very hard</i>	77.9%	66.3%	55.8%	47.4%	38.4%	35.3%

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Table 15. Antisocial Behavior

	Grade					
	7	8	9	10	11	12
<i>Steal something less than \$100</i>	12.9%	16.3%	16.5%	21.1%	22.3%	18.4%
<i>Cheat on a test at school</i>	22.6%	32.9%	36.2%	43.4%	48.0%	40.9%
<i>Ride as a passenger with a driver under the influence of drugs or alcohol</i>	12.2%	16.3%	17.8%	27.2%	31.1%	33.3%
<i>Bully someone with the idea hurting their feelings</i>	16.2%	23.9%	16.5%	18.8%	15.2%	12.7%
<i>Sell illegal drugs</i>	1.8%	2.2%	4.7%	7.4%	9.1%	6.1%
<i>Bring a knife, gun or other weapon to school</i>	2.6%	3.5%	3.8%	3.1%	3.8%	2.6%

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Table 16. Self Concept

How much do you disagree or agree?						
	Grade					
	7	8	9	10	11	12
I feel lonely						
<i>Strongly Disagree</i>	47.5%	42.7%	38.2%	39.9%	39.1%	36.7%
<i>Disagree</i>	33.0%	35.0%	39.6%	34.0%	35.9%	39.3%
<i>Agree</i>	13.0%	16.4%	17.5%	18.9%	19.0%	18.2%
<i>Strongly Agree</i>	6.5%	5.9%	4.6%	7.2%	6.0%	5.8%
I am good at making decisions						
<i>Strongly Disagree</i>	7.4%	7.8%	5.6%	10.5%	6.8%	4.8%
<i>Disagree</i>	12.2%	15.2%	13.8%	14.3%	13.6%	12.4%
<i>Agree</i>	48.7%	52.4%	54.2%	47.7%	49.2%	53.6%
<i>Strongly Agree</i>	31.7%	24.6%	26.5%	27.5%	30.3%	29.2%
I feel sad most of the time						
<i>Strongly Disagree</i>	48.0%	43.5%	41.8%	43.2%	44.5%	42.4%
<i>Disagree</i>	34.9%	36.6%	38.4%	35.9%	36.8%	38.5%
<i>Agree</i>	12.3%	14.2%	15.5%	15.9%	13.7%	14.7%
<i>Strongly Agree</i>	4.8%	5.7%	4.2%	4.9%	5.0%	4.3%
I have so much energy, I don't know what to do with it						
<i>Strongly Disagree</i>	21.2%	22.7%	17.7%	21.3%	25.0%	21.6%
<i>Disagree</i>	38.4%	41.2%	48.4%	46.8%	45.6%	53.6%
<i>Agree</i>	26.3%	24.3%	22.5%	20.6%	19.8%	17.7%
<i>Strongly Agree</i>	14.2%	11.8%	11.3%	11.3%	9.6%	7.1%
I have a number of good qualities						
<i>Strongly Disagree</i>	7.1%	6.3%	4.8%	7.6%	5.1%	2.8%
<i>Disagree</i>	8.3%	7.6%	9.5%	8.7%	7.4%	7.5%
<i>Agree</i>	46.7%	51.1%	52.2%	52.0%	44.9%	51.5%
<i>Strongly Agree</i>	37.9%	35.0%	33.5%	31.7%	42.5%	38.1%
I have trouble concentrating						
<i>Strongly Disagree</i>	24.9%	21.0%	18.6%	20.5%	20.0%	17.9%
<i>Disagree</i>	32.8%	32.2%	34.2%	32.6%	32.7%	36.6%
<i>Agree</i>	30.4%	32.6%	35.0%	32.6%	32.9%	34.3%
<i>Strongly Agree</i>	11.9%	14.2%	12.2%	14.3%	14.5%	11.2%
I stand up for what I believe in						
<i>Strongly Disagree</i>	4.6%	2.7%	0.0%	2.0%	1.0%	1.2%
<i>Disagree</i>	6.8%	4.6%	6.5%	4.0%	5.1%	3.7%
<i>Agree</i>	45.7%	44.8%	53.2%	50.5%	55.1%	56.1%
<i>Strongly Agree</i>	42.9%	48.0%	40.3%	43.6%	38.8%	39.0%
I believe that my life is going in a positive direction						
<i>Strongly Disagree</i>	4.6%	4.1%	0.0%	2.0%	2.0%	3.7%
<i>Disagree</i>	5.6%	3.8%	3.8%	4.0%	8.2%	3.7%
<i>Agree</i>	35.2%	40.0%	46.8%	44.6%	38.8%	43.9%
<i>Strongly Agree</i>	54.7%	52.1%	49.4%	49.5%	51.0%	48.8%

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Table 17. Social Supports

When you have problem that bothers you, how often do you:						
	Grade					
	7	8	9	10	11	12
Talk about it with a parent/guardian?						
<i>Never or Almost Never</i>	26.9%	31.2%	30.4%	35.8%	30.4%	29.5%
<i>Sometimes</i>	34.0%	35.5%	38.6%	35.8%	34.5%	39.9%
<i>Often</i>	21.6%	17.8%	19.9%	16.5%	19.8%	21.2%
<i>Always or Almost Always</i>	17.5%	15.5%	11.1%	11.8%	15.3%	9.4%
Talk about it with a friend?						
<i>Never or Almost Never</i>	17.7%	12.8%	12.1%	13.4%	8.9%	7.6%
<i>Sometimes</i>	27.2%	27.6%	24.1%	23.9%	22.0%	24.1%
<i>Often</i>	27.7%	26.3%	30.0%	28.6%	29.2%	28.4%
<i>Always or Almost Always</i>	27.4%	33.4%	33.8%	34.2%	39.9%	39.9%
Talk about it with a teacher?						
<i>Never or Almost Never</i>	59.9%	67.6%	67.9%	69.7%	61.5%	64.2%
<i>Sometimes</i>	28.6%	24.7%	25.1%	22.5%	27.3%	27.0%
<i>Often</i>	7.1%	4.8%	5.4%	4.7%	7.9%	6.5%
<i>Always or Almost Always</i>	4.5%	2.9%	1.6%	3.1%	3.3%	2.3%
Keep it to yourself?						
<i>Never or Almost Never</i>	20.6%	17.9%	16.3%	16.3%	15.7%	10.1%
<i>Sometimes</i>	35.6%	37.3%	38.4%	35.3%	36.7%	37.1%
<i>Often</i>	24.3%	23.5%	22.5%	23.7%	25.3%	27.6%
<i>Always or Almost Always</i>	19.5%	21.3%	22.8%	24.6%	22.4%	25.2%

Section 4. Family Domain

Table 18. Family Substance Use

Do either of your parents/guardians...						
	Grade					
	7	8	9	10	11	12
Smoke cigarettes?						
<i>Yes</i>	40.1%	36.5%	33.3%	33.0%	32.2%	27.3%
Drink alcoholic beverage?						
<i>Yes</i>	64.3%	65.6%	65.0%	62.8%	60.8%	66.7%
Has anyone in your family ever used alcohol so that it created problems at home, at work or with friends?						
<i>Yes</i>	16.3%	16.8%	18.7%	16.8%	21.7%	19.1%

Table 19. Family Attitudes Toward Youth Substance Use

How wrong do your parents feel it would be for you to ...						
	Grade					
	7	8	9	10	11	12
Smoke cigarettes?						
<i>Not At All Wrong</i>	1.0%	1.2%	1.1%	2.6%	2.9%	2.8%
<i>A Little Bit Wrong</i>	2.7%	4.4%	4.2%	6.1%	8.3%	8.0%
<i>Wrong</i>	13.7%	16.2%	20.9%	22.6%	23.3%	26.7%
<i>Very Wrong</i>	82.5%	78.2%	73.8%	68.7%	65.6%	62.6%
Drink alcohol (beer, wine, hard liquor)?						
<i>Not At All Wrong</i>	3.4%	3.4%	3.4%	7.2%	6.7%	8.2%
<i>A Little Bit Wrong</i>	8.3%	11.8%	13.2%	16.7%	22.5%	22.9%
<i>Wrong</i>	19.5%	23.6%	29.3%	27.7%	26.6%	30.7%
<i>Very Wrong</i>	68.9%	61.2%	54.1%	48.4%	44.1%	38.1%
Use marijuana?						
<i>Not At All Wrong</i>	1.8%	2.2%	2.2%	2.7%	6.6%	4.3%
<i>A Little Bit Wrong</i>	2.0%	5.8%	6.9%	11.1%	11.7%	8.2%
<i>Wrong</i>	7.5%	10.0%	15.6%	21.1%	18.6%	23.9%
<i>Very Wrong</i>	88.7%	82.0%	75.4%	65.1%	63.1%	63.5%

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Table 20. Family Management

	Grade					
	7	8	9	10	11	12
On a regular weekday, how many hours do you usually spend after school without an adult present?						
<i>None</i>	26.3%	21.0%	18.0%	15.4%	16.1%	12.6%
<i>Less Than 1 Hour</i>	22.5%	19.1%	18.6%	12.2%	13.7%	12.9%
<i>1 To 2 Hours</i>	30.7%	37.5%	34.7%	36.1%	32.4%	30.5%
<i>Up To 4 Hours</i>	11.8%	11.7%	17.5%	21.4%	21.6%	22.6%
<i>More Than 4 Hours</i>	8.8%	10.7%	11.2%	14.9%	16.2%	21.4%
When I am away from home, my parent/guardian(s) know where I am and who I am with.						
<i>Definitely NOT True</i>	2.0%	2.1%	2.9%	4.3%	4.6%	5.0%
<i>Mostly NOT True</i>	5.3%	5.0%	8.4%	8.6%	8.6%	10.6%
<i>Mostly True</i>	28.0%	34.6%	39.1%	42.0%	43.0%	44.6%
<i>Definitely True</i>	64.7%	58.4%	49.6%	45.1%	43.8%	39.8%
If I break one of my parent/guardian(s) rules, I am usually disciplined.						
<i>Definitely NOT True</i>	7.5%	6.1%	6.0%	9.4%	6.9%	11.6%
<i>Mostly NOT True</i>	14.6%	16.8%	16.5%	18.0%	20.7%	21.8%
<i>Mostly True</i>	40.2%	42.6%	44.0%	44.4%	41.0%	38.6%
<i>Definitely True</i>	37.6%	34.4%	33.6%	28.2%	31.4%	28.0%
My family has clear rules discouraging me from smoking cigarettes or using tobacco.						
<i>Definitely NOT True</i>	7.2%	7.2%	5.9%	6.4%	9.6%	9.1%
<i>Mostly NOT True</i>	3.7%	6.0%	6.0%	8.1%	8.8%	12.2%
<i>Mostly True</i>	15.7%	15.3%	16.0%	20.2%	22.5%	20.9%
<i>Definitely True</i>	73.4%	71.4%	72.0%	65.3%	59.2%	57.8%
My family has clear rules discouraging me from drinking alcoholic beverages.						
<i>Definitely NOT True</i>	5.9%	6.0%	4.7%	7.2%	7.1%	8.6%
<i>Mostly NOT True</i>	7.4%	10.1%	11.1%	11.1%	19.3%	17.1%
<i>Mostly True</i>	23.0%	27.8%	31.7%	33.1%	30.8%	34.9%
<i>Definitely True</i>	63.7%	56.1%	52.5%	48.6%	42.8%	39.4%
My family has clear rules discouraging me from using marijuana.						
<i>Definitely NOT True</i>	28.3%	22.2%	11.1%	5.8%	15.3%	7.3%
<i>Mostly NOT True</i>	0.6%	5.6%	0.0%	4.9%	3.1%	12.2%
<i>Mostly True</i>	5.2%	5.6%	2.5%	15.5%	17.3%	29.3%
<i>Definitely True</i>	65.9%	66.5%	86.4%	73.8%	64.3%	51.2%

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Table 21. Parental Attachment and Positive Family Involvement

	Grade					
	7	8	9	10	11	12
I feel very close to my parent/guardian(s).						
<i>Definitely NOT True</i>	4.7%	5.7%	7.6%	8.2%	7.4%	8.4%
<i>Mostly NOT True</i>	8.0%	11.0%	10.3%	12.6%	13.6%	10.7%
<i>Mostly True</i>	29.9%	32.8%	38.9%	38.7%	35.9%	43.1%
<i>Definitely True</i>	57.4%	50.5%	43.2%	40.5%	43.0%	37.8%
I share my thoughts and feelings with my parent/guardian(s).						
<i>Definitely NOT True</i>	20.1%	21.4%	19.5%	19.2%	17.3%	16.7%
<i>Mostly NOT True</i>	22.8%	24.3%	30.1%	26.8%	22.9%	26.9%
<i>Mostly True</i>	35.8%	38.4%	33.3%	37.0%	37.6%	38.7%
<i>Definitely True</i>	21.3%	15.9%	17.0%	17.0%	22.2%	17.7%
I feel loved and valued by my family.						
<i>Definitely NOT True</i>	1.7%	1.3%	0.0%	3.0%	4.2%	3.7%
<i>Mostly NOT True</i>	2.2%	4.6%	2.5%	2.0%	2.1%	9.8%
<i>Mostly True</i>	17.0%	23.0%	18.8%	28.7%	31.6%	32.9%
<i>Definitely True</i>	79.0%	71.1%	78.8%	66.3%	62.1%	53.7%
My parent/guardian(s) participate(s) in activities at my school, including attendance at school events.						
<i>Definitely NOT True</i>	31.1%	36.5%	31.6%	36.3%	31.6%	33.6%
<i>Mostly NOT True</i>	23.0%	23.4%	24.5%	20.7%	20.5%	24.8%
<i>Mostly True</i>	30.0%	27.0%	29.3%	28.2%	29.9%	25.6%
<i>Definitely True</i>	15.8%	13.1%	14.6%	14.8%	18.0%	16.0%

Section 5. School Domain

Table 22. Perception of School Environment

	Grade					
	7	8	9	10	11	12
I try hard to do good work at school.						
<i>Definitely NOT True</i>	2.0%	2.7%	2.6%	2.6%	2.1%	2.9%
<i>Mostly NOT True</i>	5.2%	5.8%	6.1%	9.5%	8.9%	5.7%
<i>Mostly True</i>	44.5%	49.4%	51.9%	48.1%	40.4%	53.0%
<i>Definitely True</i>	48.3%	42.1%	39.4%	39.8%	48.6%	38.4%
I feel safe at school.						
<i>Definitely NOT True</i>	6.1%	7.0%	5.8%	6.8%	6.4%	3.0%
<i>Mostly NOT True</i>	13.8%	12.6%	13.0%	12.5%	10.9%	6.6%
<i>Mostly True</i>	48.1%	49.3%	57.0%	47.8%	49.4%	54.1%
<i>Definitely True</i>	31.9%	31.1%	24.2%	32.9%	33.3%	36.3%
Teachers/staff at my school encourage me and support me.*						
<i>Definitely NOT True</i>	5.2%	2.0%	NA	NA	NA	NA
<i>Mostly NOT True</i>	3.7%	3.6%	NA	NA	NA	NA
<i>Mostly True</i>	49.4%	49.6%	NA	NA	NA	NA
<i>Definitely True</i>	41.8%	44.7%	NA	NA	NA	NA

*New question

Section 6. Community Domain

Table 23. Perception of Community Drug Use and Availability

	Grade					
	7	8	9	10	11	12
Please choose how true the following statements are.						
A lot of kids in my community use marijuana or other drugs.						
<i>Definitely NOT true</i>	38.8%	26.6%	12.0%	8.5%	7.5%	7.2%
<i>Mostly NOT true</i>	36.7%	33.1%	28.3%	23.2%	18.0%	18.1%
<i>Mostly true</i>	17.7%	27.2%	36.2%	39.4%	36.6%	40.0%
<i>Definitely true</i>	6.8%	13.1%	23.5%	28.8%	37.8%	34.7%
A lot of drugs are sold in my community.						
<i>Definitely NOT true</i>	39.7%	25.8%	16.3%	11.9%	9.9%	9.7%
<i>Mostly NOT true</i>	33.9%	34.1%	31.7%	28.1%	24.3%	25.8%
<i>Mostly true</i>	17.9%	24.1%	35.1%	35.1%	39.0%	38.1%
<i>Definitely true</i>	8.5%	16.0%	16.9%	24.8%	26.8%	26.5%

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Table 24. Prevention Strategies

Ranked from high to low (1 to 7) based on percentage of youth choosing "very important"

How important do you think the following are in preventing kids from drinking alcoholic beverages?

	Grade					
	7	8	9	10	11	12
<i>Having driver's license suspended</i>	3	3	2	1	1	1
<i>Checking ID's at stores and bars</i>	1	1	1	2	2	2
<i>High Price of Alcohol</i>	7	7	7	6	6	6
<i>Breathalyzer Tests</i>	6	5	5	5	4	4
<i>Parental Strictness About Drinking</i>	2	2	3	4	5	5
<i>Alcohol Education in School</i>	5	6	6	7	7	7
<i>Friends Who Don't Drink</i>	4	4	4	3	3	3

Section 7. Bullying

Table 25. Bullying

	Grade					
	7	8	9	10	11	12
How often have you been bullied at school in the past 30 days?						
<i>I have NEVER been bullied</i>	44.2%	33.9%	70.1%	72.0%	59.8%	66.3%
<i>Not in the past 30 days</i>	39.7%	44.9%	19.5%	20.0%	33.0%	23.8%
<i>Occasionally (1-5 day)</i>	8.9%	14.5%	7.8%	7.0%	4.1%	8.8%
<i>Frequently (6-20 days)</i>	4.4%	2.7%	0.0%	0.0%	2.1%	1.3%
<i>Almost every day (21 days or more)</i>	2.8%	4.0%	2.6%	1.0%	1.0%	0.0%
How often do the teachers or other adults at school try to stop it when a student is being bullied at school ?						
<i>Almost never</i>	10.6%	13.8%	7.9%	13.3%	15.8%	7.5%
<i>Sometimes</i>	21.5%	32.5%	26.3%	35.7%	34.7%	47.5%
<i>Often</i>	22.3%	25.8%	31.6%	40.8%	29.5%	23.8%
<i>Almost Always</i>	45.6%	27.9%	34.2%	10.2%	20.0%	21.3%
How often do other students try to stop it when a student is being bullied at school ?						
<i>Almost never</i>	26.3%	25.0%	13.2%	24.5%	35.4%	21.8%
<i>Sometimes</i>	43.9%	52.7%	56.6%	53.1%	49.0%	55.1%
<i>Often</i>	23.7%	16.8%	25.0%	20.4%	14.6%	16.7%
<i>Almost Always</i>	6.1%	5.4%	5.3%	2.0%	1.0%	6.4%

*****Recently Bullied - Sub-analysis*****

Table D. Percentage of Youth Reporting Various Types of Bullying (n = 97)

In the past 30 days, I have been bullied in the following ways						
Type of Bullying	Grade					
	7	8	9	10	11	12
<i>Left out, excluded, ignored</i>	71.6%	54.5%	62.5%	75.0%	62.5%	55.6%
<i>Hit, kicked, pushed, shoved, locked indoors</i>	13.4%	18.7%	12.5%	37.5%	0.0%	11.1%
<i>Others spread lies or rumors</i>	54.3%	69.4%	25.0%	62.5%	50.0%	55.6%
<i>Money or things taken away or damaged</i>	22.7%	14.9%	0.0%	12.5%	0.0%	33.3%
<i>Threatened or forced to do things</i>	12.8%	17.9%	12.5%	0.0%	12.5%	22.2%
<i>Mean names or comments about race</i>	16.4%	14.9%	50.0%	25.0%	12.5%	11.1%
<i>Mean names or comments with a sexual meaning</i>	16.4%	36.6%	50.0%	25.0%	12.5%	55.6%

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****Recently Bullied - Sub-analysis****

**Table E. Percentage of Youth Reporting Having Been Bullied
in Various Locations
(n = 97)**

In the past 30 days, I have been bullied in the following ways						
Location of Bullying	Grade					
	7	8	9	10	11	12
<i>Playground/athletic field</i>	19.7%	15.7%	12.5%	12.5%	12.5%	0.0%
<i>Hallways, stairwells</i>	51.9%	54.5%	50.0%	37.5%	37.5%	66.7%
<i>In class with no teacher in the room</i>	38.5%	36.6%	50.0%	37.5%	62.5%	55.6%
<i>Bathroom</i>	13.2%	3.0%	0.0%	0.0%	0.0%	11.1%
<i>Gym class or locker room</i>	34.9%	18.7%	12.5%	0.0%	12.5%	33.3%
<i>Lunch room</i>	54.6%	39.6%	62.5%	50.0%	37.5%	22.2%
<i>On the way to and from school</i>	35.2%	12.7%	12.5%	12.5%	12.5%	22.2%
<i>At the school bus stop</i>	10.2%	0.0%	12.5%	0.0%	0.0%	11.1%
<i>On the school bus</i>	35.5%	27.6%	25.0%	50.0%	25.0%	0.0%
<i>Somewhere else at school</i>	35.5%	22.3%	25.0%	25.0%	37.5%	55.6%
<i>Online or through text messaging</i>	42.1%	41.7%	37.5%	12.5%	50.0%	33.3%
<i>After school hours in other program, clubs or sports</i>	28.7%	9.2%	25.0%	25.0%	12.5%	11.1%
<i>In class with a teacher in the room</i>	36.6%	14.9%	0.0%	0.0%	0.0%	0.0%

Section 8. Gambling

Table 26. Gambling

	Grade					
	7	8	9	10	11	12
New Question						
During the past 30 days, on how many days did you gamble for money or possessions?						
<i>I have NEVER gambled</i>	84.1%	89.7%	NA	NA	NA	NA
<i>Not in the past 30 days</i>	14.0%	6.7%	NA	NA	NA	NA
<i>Occasionally (1-5 days)</i>	1.8%	1.6%	NA	NA	NA	NA
<i>Frequently (6-20 days)</i>	0.0%	0.0%	NA	NA	NA	NA
<i>Almost every day (21 days or more)</i>	0.0%	2.0%	NA	NA	NA	NA

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Section 9. Comparisons

The tables in the section show data from the SERAC Regional Summary in a side by side comparison with national data from Monitoring the Future survey conducted annually by the University of Michigan (most recently 2011).

Table 27. Comparison of Regional Lifetime Use Rates (SERAC 2010-2011) and National Lifetime Use Rates (MTF 2011)

Substance	Grade					
	8		10		12	
	SERAC (10-11)	MTF 2011	SERAC (10-11)	MTF 2011	SERAC (10-11)	MTF 2011
<i>Cigarettes</i>	13.1%	18.4%	22.8%	30.4%	35.1%	40.0%
<i>Alcohol</i>	38.3%	33.1%	54.4%	56.0%	71.9%	70.0%
<i>Marijuana</i>	11.5%	16.4%	31.4%	34.5%	41.2%	45.5%
<i>Inhalants</i>	8.7%	13.1%	6.8%	10.1%	6.3%	8.1%
<i>Cocaine</i>	0.7%	2.2%	2.8%	3.3%	4.3%	5.2%
<i>Crack Cocaine</i>	0.5%	1.5%	1.5%	1.6%	0.4%	1.9%
<i>Ecstasy</i>	0.6%	2.6%	3.6%	6.6%	4.9%	8.0%
<i>Hallucinogens</i>	1.8%	3.3%	4.1%	6.0%	7.5%	8.3%
<i>Heroin</i>	0.6%	1.2%	0.9%	1.2%	1.0%	1.4%
<i>Methamphetamine</i>	0.5%	1.3%	0.8%	2.1%	0.8%	2.1%
<i>Steroids</i>	1.2%	1.2%	1.4%	1.4%	0.2%	1.8%
<i>Tranquilizers</i>	1.1%	3.4%	3.6%	6.8%	3.3%	8.7%

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Table 28. Comparison of Regional Recent Use Rates (SERAC 2010-2011) and National Recent Use Rates (MTF 2011)

Substance	Grade					
	8		10		12	
	SERAC (10-11)	MTF 2011	SERAC (10-11)	MTF 2011	SERAC (10-11)	MTF 2011
<i>Cigarettes</i>	4.7%	6.1%	10.4%	11.8%	14.6%	18.7%
<i>Alcohol</i>	13.5%	12.7%	26.5%	27.2%	38.7%	40.0%
<i>Marijuana</i>	6.1%	7.2%	17.1%	17.6%	21.2%	22.6%
<i>Inhalants</i>	1.6%	3.2%	1.7%	1.7%	0.5%	1.0%
<i>Cocaine</i>	0.1%	0.8%	0.5%	0.7%	0.7%	1.1%
<i>Crack Cocaine</i>	0.2%	0.5%	0.3%	0.4%	0.0%	0.5%
<i>Ecstasy</i>	0.1%	0.6%	0.7%	1.6%	0.9%	2.3%
<i>Hallucinogens</i>	0.2%	1.0%	0.3%	1.4%	1.2%	1.6%
<i>Heroin</i>	0.2%	0.4%	0.1%	0.4%	0.0%	0.4%
<i>Methamphetamine</i>	0.4%	0.4%	0.2%	0.5%	0.0%	0.6%
<i>Steroids</i>	0.3%	0.4%	0.2%	0.5%	0.0%	0.7%
<i>Tranquilizers</i>	0.2%	1.0%	0.9%	1.9%	0.4%	2.3%