

2009 Youth Survey Report Stonington, Connecticut

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August 21, 2009

ACKNOWLEDGEMENTS

This youth survey was sponsored by Southeastern Regional Action Council in partnership with Stonington Human Services and administered by Stonington Public Schools. The survey was 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 survey has been designed 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 Stonington Human Services and the Stonington Prevention Council who initiated the survey as well as the Stonington Board of Education who approved the survey. We especially thank the youth who shared their personal experiences and opinions, and parents who permitted their children to take the survey. It is emphasized that all results of the survey are reflective of the entire community, not primarily its 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].

The administration of the present survey and the analysis and reporting of results, were conducted under a Drug Free Communities grant awarded to Southeastern Regional Action Council.

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EXECUTIVE SUMMARY

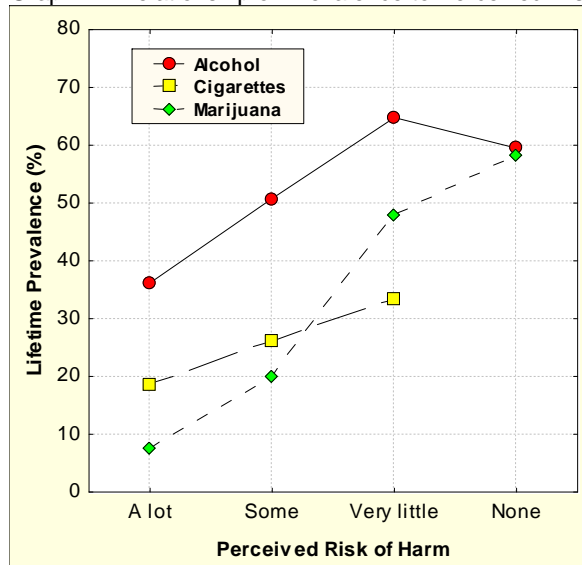
The 2009 survey of Stonington youth, the subject of this report, is the first comprehensive survey of practices and attitudes related to substance use of the town's young people. A similar, but less comprehensive, health survey was conducted in 2005 through Stonington Human Services and the Stonington Prevention Council. As such, the 2009 survey results will serve as a baseline for measuring future progress in prevention, and for comparing youth of Stonington with national and regional statistics. About 55% of youth in grades 7-10 in Mystic Middle School, Pawcatuck Middle School, and Stonington High School participated in the survey. All surveys were examined by standard methods to detect incomplete or non-serious responses, and 21 surveys (5.0%) were excluded. To help to detect trends and patterns, statistical analysis was done within each grade. Sampling variance was ± 2 to 5 percentage points within grades.

Of substances asked about in this survey, alcohol was the most commonly used by Stonington youth. Prevalence of recent drinking increased with increasing age, from 8% in grade 7 to 41% in grade 10. Prevalence of having ever tried alcohol ranged from 31% in grade 7 to 68% in grades 9-10. Among youth in grades 9-10 who have tried alcohol, about one-third reported having been "drunk or very high from drinking alcohol" 10 times or more, and 48-59% indicated they usually have more than 3 drinks when imbibing. Most youth who drink obtain alcohol from their friends or at parties. Recent drinking was more prevalent among Stonington youth than national averages: (21% vs. 16% in grade 8, and 41% vs. 29% in grade 10). Prevalence in Stonington was also higher than regional averages of 14% in grade 8 and 32% in grade 10.

Lifetime marijuana use in Stonington was rare in grade 7. However, by grade 8, the average in Stonington (19%) is above the national average (15%) and nearly twice the regional average (11%). About 36% of Stonington 10th graders report lifetime marijuana use compared to 30% nationally and 32% regionally. Lifetime cigarette smoking was close to national averages: 19-20% in grade 8, and 32-33% in grade 10. For most other substances, lifetime use in Stonington was lower than nationally – inhalants, cocaine, ecstasy, and tranquilizers. The only exception was use of hallucinogens by 10th graders – Stonington, 7.7% versus 5.5% nationally and 7% regionally. Lifetime use of medications without a prescription, such as Ritalin and Oxycontin, was reported by 11% of Stonington 8th graders and 15% of Stonington 10th graders compared to regional rates of 6% and 14% respectively (national data are not available for this item).

Attitudes and perceptions which are typically correlated with substance use ("core measures") were probed in this survey. Respondents were asked how harmful they think regular use of alcohol, cigarettes or marijuana are, and results are plotted in Graph A. It is clear that the perception of greater risk is associated with lower likelihood of use, and that this relationship differs among the three substances. A similar relationship exists between prevalence of use and a youth's perception of parental disapproval. For cigarettes, too few respondents thought there was no risk to plot a point on the graph.

Graph A. Relationship of Prevalence to Perceived Risk



In an effort to better understand youth who choose to drink alcohol, many of the perceptions and practices measured in the survey were compared – youth reported recent use of alcohol vs. those who reported none. Tests were conducted to determine the statistical significance between the two groups. The comparisons include opinions about strategies to prevent underage drinking, social supports (persons with whom a youth talks about problems), attitudes toward antisocial behavior, time spent after school, self concept, perceived reasons why teens choose to drink or choose not to drink, and other characteristics. The profiles that emerge for Stonington youth are not identical to other towns. Youth who drink are more likely to come from families where drinking takes place, including problem drinking. Characteristics such as eligibility for free or reduced lunch, presence of asthma, and most self concept measures do not differ between the two groups, lending credence to the differences that do exist. Compared to youth who do not drink, drinkers have more permissive attitudes toward all antisocial behaviors evaluated.

METHODS

The survey instrument used to collect data for this report was developed using the Connecticut Governor's Prevention Initiative for Youth (GPIY)[1] Youth Survey for 6th – 12th 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 survey was approved by the Stonington Public Schools superintendent and the Board of Education.

The survey was given under the supervision of Stonington Public School teachers. 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.

The survey was administered entirely in computer labs on-line to grades 7-10, using the SurveyMonkey.com® web site and software. This plan was implemented between March 31 and May 6, 2009. To avoid selection bias, subjects which all students are required to take were chosen for survey sampling. A copy of the survey is included as an appendix to this report.

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 Stonington Public Schools.

All statistical and tabulation computations were carried out using Statistica® version 8.0 data analysis software system (StatSoft, Tulsa, OK, 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.

Body mass index (BMI) was calculated from the height and weight reported by each respondent:

$$\text{BMI} = [\text{Weight (kilograms)}] \div [\text{Height (meters)}]^2, \text{ or}$$
$$\text{BMI} = 703 \times [\text{Weight (pounds)}] \div [\text{Height (inches)}]^2.$$

Classification of each person's BMI was based on the U.S. population percentile into which the BMI fell, with categories defined as: Underweight = <5th percentile, Normal = 5th to 85th percentile, Overweight = >85th percentile, and Obese = >95th percentile. These definitions were set by the Center for Disease Control [7] and the National Heart, Lung and Blood Institute [8]. Percentile boundaries were determined by least-squares fit of fourth-degree polynomial equations to points from a reference web site [9]. Classification of BMI of youth takes into account the age and gender of the individual, and was calculated in an Excel spreadsheet. These BMI classifications apply only to youth aged 6-18, and do not apply accurately to individuals who possess large muscle mass (e.g., body builders), as they would appear to be more overweight than they actually are. However, for youth in the present age range, few such errors occur. These reported percentages of overweight or obese youth are only approximations, given the uncertainties about accuracy of reported heights and weights and about body type.

Respondents were asked to estimate what percentage of their classmates, in their same grade, they think are using cigarettes, alcohol or marijuana.

RESULTS

DEMOGRAPHY

Between March 31 and May 6, 2009, Stonington Public School students in grades 7-10 were surveyed to ascertain prevalence and perceptions related to the use of substances (tobacco, alcohol, inhalants, and illicit drugs), gambling, and related behavior, with additional questions on health and wellness. Responses from 18 students were excluded due to inconsistency. An additional 3 surveys were excluded from the analysis because they were incomplete. Inconsistency meant that the subject was either not in grades 7-10, 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. Overall, the survey sample included 40-80% students in the targeted grades and responses from 5% of respondents were excluded from the analysis. Statistical sampling variance in each grade ranged from ± 2 to 5 percentage points.

Males and females are evenly represented in the sample (Table 3). The ethnic mixture of the survey sample closely reflects enrollment in the Stonington schools (Table 4). The percentage of individuals reporting Asian/Pacific race in the sample is 2-3 times as high as that reported for both the district and the community.

Between 10 and 25% of youth surveyed report that they are eligible for Free or Reduced Lunch (Table 7). This is higher than the 9.2% of youth in the district are eligible for Free or Reduced Lunch according to the Strategic School Profile for 2007-2008.

Tobacco, Alcohol, and Drug Use

Among Stonington youth in grades 7-10, alcohol is the most commonly abused substance with 8-41% of youth reporting recent use and 30-70% reporting lifetime use (Tables 8, 10). Use of energy drinks among youth is a growing concern throughout the country and more than 75% of Stonington youth report having consumed one or more energy drinks in their lifetime. Recent use of marijuana is reported by 1-28% of youth while recent use of illicit drugs reported by less than 1.5% of youth surveyed.

Breakdown of substance use by race or ethnic group is difficult for Stonington, as there are relatively few minorities. However, youth who describe themselves as Native American appear more likely to report cigarette use, other tobacco use and marijuana use than other youth (Table 9). Nationally, individuals who report use of one substance are likely to report use of others as well. Compared to non-drinkers, lifetime drinkers in Stonington are about 9-10 times as likely to report cigarette use or marijuana use (Table 13).

Between 60 and 80% of drinkers in grades 8,9 and 10 report having been “drunk or very high from drinking alcohol” at least once in their lifetime (Table 15). Among recent drinkers in grades 8-10, 2 and 5% report having consumed alcohol on 10 or more days in the past month. The percentage of youth who report having used marijuana ranges from about 3% among 7th graders to about 40% among 9th and 10th graders (Table 16). Of those youth who have used marijuana in their lifetime, about one half have used it more than 10 times.

Abuse of inhalants tends to be highest among younger youth and usually declines among older use. In Stonington, lifetime inhalant use is about 5% for all grades except among 9th graders where it is 11% (Table 19). About 8% of 9th and 10th graders report having used hallucinogens in their lifetime. The rates of misuse of legal medications such as downers, prescription pain medications and over the counter medications are higher than the rates reported for most illicit drugs (Table 20).

Individual / Peer Domain

Alcoholic beverages, cigarettes, guns, marijuana and other drugs are considered more readily available by older youth than by younger youth (Table 26). Youth who drink commonly obtain alcohol from their friends and at parties (Table 27).

The risk of harm from smoking cigarettes is perceived to be considerably greater than from drinking alcohol especially among older youth (Table 29). Between 4 and 10% of youth believe that there is no risk associated with regular marijuana use.

When they have a problem that is bothering them, more than 60% of youth say they “almost always” or “often” talk to a friend while about 40% “almost always” or “often” talk to a parent (Table 31). Between 15 and 20% of youth “almost always” keep it to themselves.

One in five youth have picked a fight with a non-family member in the past year (Table 32). Between 27 and 40% of youth have cheated on a test in the past year. Thirteen to twenty-five percent of youth have ridden as a passenger with a driver who had been using alcohol. Nearly the same number of youth have ridden with a driver who had been using drugs. Youth perceive that it is more wrong for someone their age to use marijuana or cigarettes than alcohol (Table 33).

Leisure-time activities reported by youth were dominated by sports and exercise, watching TV, chores, playing on the computer and listening to music (Table 34). Between 2 and 16% of youth report spending 7 or more hours per week at a paying job. About half of students spend 1-3 hours a day doing homework.

Most youth appear to have a positive outlook as evidenced by agreement with comments such as “On the whole I like myself” and “all in all I am glad I am me” (Table 36). However, 2-3% strongly agree with the statement “I feel sad most of the time”. All in all, about 30% of youth say they are “very happy” and about 2% say they are “unhappy”.

Youth were asked to estimate the percentage of their peers in their grade who regularly use cigarettes, alcohol and marijuana. On average, the youth in grade 7 tend to have accurate perceptions about the percentage of their peers who are using alcohol, cigarettes and marijuana (Table 37). However, youth in grades 8-10 tend to overestimate the percentage of their peers who regularly use each of the substances. Youth who perceive that substance use is more prevalent among their peers tend to be more likely to use substances themselves.

Family Domain

Most youth (more than 70%) believe that their parents feel it would be “very wrong” for them to smoke cigarettes or use marijuana (Table 38). However, youth believe that their parents are more permissive toward alcohol. Only 40% of 9-10th graders believe their parents think it would be very wrong for them to drink alcohol. More than 75% youth report that one or more parent drinks alcohol (Table 39). About 25% of youth report that a family member has had alcohol problems.

About 10% of youth spend more than 4 hours a day without an adult present (Table 40). More youth say their family has clear rules discouraging smoking than say their family has clear rules discouraging drinking. Although youth report feeling close to their parents, about 10% say that they do not share their thoughts and feelings with their parents (Table 41). Most youth appear to feel that they receive help and support from their parents (Table 42). About 20% say that their parents do not participate in activities at their school.

School Domain

About 20 to 30% of youth are unaware of punishment associated with possessing or using alcohol, cigarettes or marijuana at school (Table 44). Around one third of students in grades 8-10 say that it is “definitely true” that “a lot of drugs are available” in their school” (Table 45).

Stonington youth are committed to doing well in school and to continuing their education beyond high school. About 90% of youth say that they try hard to do good work in school and that they want to get more education after high school (Table 46). About 1% of students report having given up on school. Three to five percent of youth do not feel safe at school.

Community Domain

About 8% of 7th graders and 20-30% of 8th -10th graders say it is definitely true that “a lot of drugs are sold” in their community (Table 48). More than 65% of youth say it is “mostly true” or “definitely true” that people in the neighborhood are trying to keep kids off drugs. Youth were asked about the importance of various strategies for preventing kids from drinking alcohol. More than 40% of youth in all grades surveyed consider checking of ID’s, friends who don’t drink and driving restrictions to be very important (Table 49).

Health and Wellness

About 10% of youth describe themselves as “overweight” or “very overweight” (Table 50). These estimates are similar to the percentage of youth considered “overweight” or “obese” based upon Body Mass Index calculations using self reported heights and weights. About 25% of youth have not had a green salad in the past 7 days.

Comparisons

Lifetime use and recent use rates for alcohol, smokeless tobacco and marijuana among Stonington 8th and 10th graders are higher than national averages (Tables 51, 52). Lifetime use rates for alcohol and marijuana are also above regional rates. The rates of both lifetime and recent smokeless tobacco use among Stonington youth are about twice the national rate. Recent alcohol use among Stonington 8th and 10th graders are also above regional averages. Among 8th graders, lifetime prescription medication misuse is about twice the regional average while recent misuse of prescription medications is almost 3 times the regional average.

The percentage of Stonington youth who perceive that there is “great harm” associated with regular use of alcohol and marijuana are lower than both regional and national averages (Table 53.) Youth in Stonington consider cigarettes, alcohol and marijuana to be more available than the regional or national average.

Correlations

When responses from students who do and do not report recent drinking are compared, some statistically significant differences are found. Non-drinkers are statistically more likely to consider the availability of alcohol free activities to be effective as a prevention method (Table 54). Drinkers are more permissive than non-drinkers with regard to all of the antisocial behaviors considered (Table 56).

Compared to non-drinkers, recent drinkers spend significantly more time each week 1) in clubs, 2) hanging out with friends in private homes, 3) working at a paying job and 4) playing on the computer (Table 57).

Recent drinkers are more likely than non-drinkers to feel that no one understands them or to feel they are no good at all (Table 58).

Compared to non--drinkers, recent drinkers consider the easy availability of alcohol and boredom to be more important factors influencing youth to drink (Table 59). Drinkers and non-drinkers also differ in perceived importance of reasons not to drink (Table 60). Non-drinkers consider disapproval of parents and ethical/moral reasons to be more important reasons not to drink than recent drinkers. Recent drinkers consider alcohol being unavailable to be more important than non-drinkers. Recent drinkers are more likely than non-drinkers to be involved in varsity, JV or freshman sports (Table 61).

Compared to non-drinkers, recent drinkers report spending significantly more time alone after school without an adult present (Table 63). They are more likely to have a parent, sibling or friend who drinks and to have a family member who has had problems with alcohol. They also report getting lower grades compared to non-drinkers.

REFERENCES

1. Governor's Prevention Initiative for Youth, 2000 Youth Survey. <http://www.commed.uchc.edu/healthservices/2000studentsurvey.htm>.
2. Monitoring The Future, a continuing study of American youth. <http://monitoringthefuture.org/>
3. U.S. Department of Health & Human Services. Office for Civil Rights – HIPAA. Medical Privacy – National Standards to Protect the Privacy of Personal Health Information. <http://www.hhs.gov/ocr/hipaa/privacy.html>
4. U.S. Department of Education. Family Educational Rights and Privacy Act (FERPA): <http://www.ed.gov/policy/gen/guid/fpco/ferpa/index.html>
5. National Center for Chronic Disease Prevention and Health Promotion. YRBSS: Youth Risk Behavior Surveillance System, 2007: <http://apps.nccd.cdc.gov/yrbss/>
6. Search Institute, Minneapolis, MN. The 40 "developmental assets"® for adolescents. <http://www.search-institute.org/>.
7. Body Mass Index, Child and Teen Calculator: <http://apps.nccd.cdc.gov/dnpabmi/Calculator.aspx>
8. National Heart, Lung and Blood Institute, Obesity Education Initiative: <http://www.nhlbisupport.com/bmi/>
9. Steven B. Halls, MD. BMI Calculator and Body Weight Comparison: <http://www.halls.md/body-mass-index/av.htm>
10. Strategic School Profile 2007-08, Stonington School District. <http://www.csde.state.ct.us/public/der/ssp/dist0708/dist090.pdf>
11. US Census 2000 <http://factfinder.census.gov>

SECTION 1. DEMOGRAPHY

Table 1. Survey participants by grade

Grade	Surveyed	Analyzed	Enrollment	Sample
	Count	count	count	%
7	95	93	169	55.0
8	95	90	198	45.5
9	162	155	193	80.3
10	89	82	211	38.9
Unknown	0	0	NA	NA
Totals	441	420	771	54.5

Table 2. Surveys not included in the analysis

Grade	Excluded	Declined	Both Excluded and Declined
	Count	Count	Count
7	2	0	0
8	5	0	0
9	7	0	0
10	4	3	0
Totals	18	3	21

Total=21 (5.0%)

Table 3. Gender and grade of students analyzed

Grade	Gender		
	Female	Male	Missing
	Count	Count	Count
7	43	50	0
8	46	44	0
9	70	85	0
10	48	34	0
Missing	0	0	0
Totals	207	213	0

Table 4. Race, ethnicity of youth included in survey

Race/Ethnicity	Survey Sample In the Analysis		Stonington Population	
	Count	%	Schools*	Town**
White/Caucasian	355	84.5	89.9	95.8
Black/African American	12	2.9	2.6	0.6
Asian/Pacific Islander	25	6.0	3.5	1.4
Native American	12	2.9	1.2	0.4
Other	10	2.4	Not reported	Not reported
Hispanic	1	0.2	2.8	1.3

* Reference [10] ** Reference [11]

Table 5. Language spoken in home

What language is usually spoken in your home?	Grade			
	7	8	9	10
	%	%	%	%
English	91.4	92.2	94.8	91.5
Spanish	1.1	1.1	0.0	0.0
Both	1.1	2.2	0.7	1.2
Other	5.4	4.4	3.9	7.3

Table 6. Asthma status

Do you have asthma?	Grade			
	7	8	9	10
	%	%	%	%
No	83.9	82.2	80.0	75.6
Yes, diagnosed by a doctor	15.1	12.2	15.5	20.7
I think so, but not diagnosed	1.1	5.6	4.5	3.7

Table 7. Free and reduced lunch (FRL) status

Are you eligible for free or reduced lunch at school?	Grade			
	7	8	9	10
	%	%	%	%
No, full price	79.6	90.0	85.2	84.2
Yes, reduced price	7.5	4.4	3.2	4.9
Yes, lunch is free	11.8	5.6	11.6	11.0

9.2% FRL in district Reference [10]

SECTION 2. TOBACCO, ALCOHOL, AND DRUG USE

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

Substance	Gender	Grade			
		7	8	9	10
Alcohol	Female	9.3	23.9	37.7	41.7
	Male	6.3	18.2	33.7	39.4
	Both	7.7	21.1	35.5	40.7
Cigarettes	Female	2.3	4.3	13.0	14.6
	Male	2.0	6.8	14.1	11.8
	Both	2.2	5.6	13.6	13.4
Non-Cigarette Tobacco	Female	0.0	2.2	5.8	4.2
	Male	6.0	11.4	22.0	23.5
	Both	3.2	6.7	14.6	12.2
Marijuana	Female	0.0	17.8	26.1	19.1
	Male	2.0	9.3	28.6	11.8
	Both	1.1	13.6	27.5	16.0
Inhalants	Female	0.0	8.9	1.4	2.2
	Male	4.1	0.0	1.2	0.0
	Both	2.2	4.5	1.3	1.3
Other Illicit Drugs	Female	0.0	0.0	0.0	0.0
	Male	0.0	0.0	1.2	3.1
	Both	0.0	0.0	0.7	1.3

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	26.8	25.4	20.6	23.6	30.1	31.1	25.9
Cigarettes	8.0	5.5	7.6	23.6	12.6	15.2	8.8
Non-Cigarette Tobacco	8.7	0.0	7.9	23.6	6.3	7.6	8.9
Marijuana	14.2	15.0	11.2	32.5	12.6	14.7	14.7
Inhalants	2.6	0.0	0.0	0.0	7.1	2.9	2.4
Other Illicit Drugs	0.6	0.0	0.0	0.0	0.0	0.0	0.5

Table 10. Lifetime use of substances by gender, grade

Substance	Gender	Grade			
		7	8	9	10
Alcohol	Female	30.2	54.3	68.1	68.8
	Male	31.3	43.2	68.7	66.7
	Both	30.8	48.9	68.4	67.9
Cigarettes	Female	7.0	19.6	36.2	37.5
	Male	6.0	18.2	31.8	26.5
	Both	6.5	18.9	33.8	32.9
Non-Cigarette Tobacco	Female	2.3	13.0	20.3	22.9
	Male	6.0	20.5	30.5	29.4
	Both	4.3	16.7	25.8	25.6
Marijuana	Female	2.3	22.2	34.8	38.3
	Male	4.1	16.3	44.0	32.4
	Both	3.3	19.3	39.9	35.8
Inhalants	Female	0.0	11.1	11.6	6.5
	Male	8.2	0.0	10.8	3.1
	Both	4.4	5.7	11.2	5.1
Other Illicit Drugs	Female	0.0	2.2	5.8	8.7
	Male	0.0	2.3	12.0	9.4
	Both	0.0	2.3	9.2	9.0
Energy Drinks	Female	65.9	84.4	80.9	85.1
	Male	77.1	93.0	91.5	87.1
	Both	71.9	88.6	86.7	85.9

Table 11. Association of recent alcohol use.

Other Substance Reportedly Used Recently (30 Days)	Gender	Recent Alcohol		Drinker to Non-Drinker Ratio
		No	Yes	
		%	%	
Cigarettes	Female	6.2	16.7	2.7
	Male	4.5	23.1	5.1
Marijuana	Female	4.2	47.5	11.3
	Male	3.9	51.9	13.3
Inhalants	Female	0.7	8.5	12.1
	Male	1.3	2.0	1.5
Illicit Drugs	Female	0.0	0.0	-
	Male	0.0	3.9	-
Energy drinks	Female	32.4	66.1	2.0
	Male	62.3	80.4	1.3

Table 12. Association of recent marijuana use.

Other Substance Reportedly Used Recently (30 Days)	Gender	Recent Marijuana		User to Non-user Ratio
		No	Yes	
		%	%	
Alcohol	Female	18.9	82.9	4.4
	Male	14.4	81.8	5.7
Cigarettes	Female	4.8	31.4	6.5
	Male	4.0	36.4	9.1
Inhalants	Female	0.0	14.3	-
	Male	1.2	3.0	2.5
Illicit Drugs	Female	0.0	0.0	-
	Male	0.0	6.1	-

Table 13. Association of lifetime alcohol use.

Other Substance Reportedly Used, Lifetime	Gender	Lifetime Alcohol		Drinker to Non-Drinker Ratio
		No	Yes	
		%	%	
Cigarettes	Both	4.4	40.0	9.1
Marijuana	Both	4.4	44.1	10.0
Inhalants	Both	1.7	12.0	7.1
Illicit Drugs	Both	0.0	10.2	-

Table 14. Association of lifetime marijuana use.

Other Substance Reportedly Used, Lifetime	Gender	Lifetime Marijuana Use		Use to Non-user Ratio
		No	Yes	
		%	%	
Alcohol	Both	42.2	92.7	2.2
Cigarettes	Both	11.6	59.1	5.1
Inhalants	Both	2.7	20.6	7.6
Illicit Drugs	Both	0.3	20.6	68.7

Table 15. Alcohol use

Question / Answer	Grade			
	7	8	9	10
	%	%	%	%
Have you ever had alcohol to drink, more than just a sip?				
No	69.2	51.1	31.6	32.1
Yes	30.8	48.9	68.4	67.9
How many occasions have you had alcohol to drink in your lifetime?				
1-2 Times	37.9	9.3	16.2	9.3
3-5 Times	41.4	39.5	16.2	18.5
6-10 Times	10.3	20.9	21.0	14.8
More Than 10 Times	10.3	30.2	46.7	57.4
In the past 30 days, how many days did you drink alcohol?				
None	75.9	56.8	48.6	37.7
1-2 Days	17.2	27.3	21.9	32.1
3-5 Days	3.4	11.4	19.0	24.5
6-10 Days	3.4	2.3	5.7	3.8
More Than 10 Days	0.0	2.3	4.8	1.9
In the past 30 days, how many drinks did you usually have?				
1 Drink or Less	100.0	50.0	15.7	21.2
2-3 Drinks	0.0	33.3	25.5	30.3
More Than 3 Drinks	0.0	16.7	58.8	48.5
On how many lifetime occasions have you been drunk or very high from alcohol?				
Never	82.8	44.2	33.3	22.2
1-2 Occasions	17.2	20.9	16.2	20.4
3-9 Occasions	0.0	27.9	19.0	20.4
10 or More Occasions	0.0	7.0	31.4	37.0

Table 16. Marijuana use

Question / Answer	Grade			
	7	8	9	10
	%	%	%	%
Have you ever used marijuana in your lifetime?				
No	96.7	80.7	60.1	64.2
Yes	3.3	19.3	39.9	35.8
On how many occasions have you used marijuana in your life?				
1-2 Times	66.7	23.5	14.8	11.1
3-5 Times	0.0	35.3	11.5	7.4
6-10 Times	0.0	0.0	18.0	14.8
More Than 10 Times	33.3	41.2	55.7	66.7
In the past 30 days, how many days did you use marijuana?				
None	66.7	29.4	31.1	51.9
1-2 Days	0.0	17.6	23.0	0.0
3-5 Days	33.3	23.5	19.7	25.9
6-10 Days	0.0	11.8	4.9	14.8
More Than 10 Days	0.0	17.6	21.3	7.4

Table 17. Cigarette use

Question / Answer	Grade			
	7	8	9	10
	%	%	%	%
Have you ever smoked cigarettes, even 1 or 2 puffs?				
No	93.5	81.1	66.2	67.1
Yes	6.5	18.9	33.8	32.9
On how many occasions have you smoked cigarettes in your lifetime?				
1-2 Times	57.1	58.8	36.5	29.6
3-5 Times	14.3	17.6	21.2	18.5
6-10 Times	28.6	0.0	5.8	14.8
More Than 10 Times	0.0	23.5	36.5	37.0
How many days did you smoke cigarettes in the past 30 days?				
None	71.4	70.6	60.4	57.7
1-2 Days	0.0	11.8	13.2	19.2
3-5 Days	28.6	5.9	1.9	0.0
6-10 Days	0.0	5.9	5.7	3.8
More Than 10 Days	0.0	5.9	18.9	19.2
In the past 30 days, on days you smoked, how many cigarettes per day?				
Less than 1 a day	0.0	60.0	30.0	33.3
1-5 cigarettes a day	100.0	0.0	15.0	16.7
About ½ pack a day	0.0	0.0	30.0	33.3
More than 1/2 pack a day	0.0	40.0	25.0	16.7

Table 18. Non-cigarette tobacco use

Question / Answer	Grade			
	7	8	9	10
	%	%	%	%
Have you ever used non-cigarette tobacco (chew, snuff, cigar, pipe)?				
No	95.7	83.3	74.2	74.4
Yes	4.3	16.7	25.8	25.6
How many times have you used non-cigarette tobacco in your lifetime?				
Never	95.7	83.3	74.2	74.4
1-2 Times	4.3	11.1	11.3	11.0
3-10 Times	0.0	2.2	7.3	7.3
More Than 10 Times	0.0	3.3	7.3	7.3
What non-cigarette products have you used in the past 30 days?				
Smokeless	1.1	2.2	6.0	4.9
Cigars, cigarillos	2.2	5.6	9.9	8.5
Pipe	0.0	0.0	6.0	2.4

Table 19. Lifetime use of illicit drugs

Have you ever used?	Grade			
	7	8	9	10
	%	%	%	%
Marijuana				
No	96.7	80.7	60.1	64.2
Yes	3.3	19.3	39.9	35.8
Inhalants				
No	95.6	94.3	88.8	94.9
Yes	4.4	5.7	11.2	5.1
Cocaine				
No	100.0	98.9	96.7	97.4
Yes	0.0	1.1	3.3	2.6
Crack Cocaine				
No	100.0	100.0	99.3	100.0
Yes	0.0	0.0	0.7	0.0
Hallucinogens				
No	100.0	100.0	92.1	92.3
Yes	0.0	0.0	7.9	7.7
Heroin				
No	100.0	100.0	99.3	100.0
Yes	0.0	0.0	0.7	0.0
Angel Dust (PCP)				
No	100.0	100.0	96.7	100.0
Yes	0.0	0.0	3.3	0.0
MDMA (Ecstasy)				
No	100.0	98.9	99.3	98.7
Yes	0.0	1.1	0.7	1.3
Ketamine (Special K)				
No	100.0	100.0	100.0	100.0
Yes	0.0	0.0	0.0	0.0
GHB				
No	100.0	100.0	99.3	100.0
Yes	0.0	0.0	0.7	0.0

Table 20. Lifetime abuse of legal drugs

Have you ever used these drugs on your own without your own prescription?	Grade			
	7	8	9	10
	%	%	%	%
Steroids (juice, roids)				
No	100.0	97.7	99.3	100.0
Yes	0.0	2.3	0.7	0.0
Downers (e.g., barbiturates, sedatives, Quaaludes)				
No	91.2	93.2	88.1	94.9
Yes	8.8	6.8	11.9	5.1
Tranquilizers (e.g., Xanax, Klonopin)				
No	97.8	100.0	98.0	100.0
Yes	2.2	0.0	2.0	0.0
Uppers (e.g., amphetamines, Ritalin, diet pills)				
No	97.8	97.7	94.7	97.4
Yes	2.2	2.3	5.3	2.6
Prescription medications s (e.g., Oxycontin, Vicodin, Adderall, Codeine)				
No	91.2	88.6	82.9	84.6
Yes	8.8	11.4	17.1	15.4
Over-the-counter meds (e.g., cough med, mouthwash)				
No	95.6	93.2	92.7	96.0
Yes	4.4	6.8	7.3	4.0

Table 21. Recent use of illicit drugs

In the past 30 days, have you used?	Grade			
	7	8	9	10
	%	%	%	%
Marijuana				
No	98.9	86.4	72.5	84.0
Yes	1.1	13.6	27.5	16.0
Inhalants				
No	97.8	95.5	98.7	98.7
Yes	2.2	4.5	1.3	1.3
Cocaine				
No	100.0	100.0	99.3	100.0
Yes	0.0	0.0	0.7	0.0
Crack Cocaine				
No	100.0	100.0	100.0	100.0
Yes	0.0	0.0	0.0	0.0
Hallucinogens				
No	100.0	100.0	100.0	98.7
Yes	0.0	0.0	0.0	1.3
Heroin				
No	100.0	100.0	100.0	100.0
Yes	0.0	0.0	0.0	0.0
Angel Dust (PCP)				
No	100.0	100.0	100.0	100.0
Yes	0.0	0.0	0.0	0.0
MDMA (Ecstasy)				
No	100.0	100.0	100.0	100.0
Yes	0.0	0.0	0.0	0.0
Ketamine (Special K)				
No	100.0	100.0	100.0	100.0
Yes	0.0	0.0	0.0	0.0
GHB				
No	100.0	100.0	100.0	100.0
Yes	0.0	0.0	0.0	0.0

Table 22. Recent abuse of legal drugs

In the past 30 days have you used any of the following without a doctor telling you to?	Grade			
	7	8	9	10
	%	%	%	%
Steroids (juice, roids)				
No	100.0	100.0	100.0	100.0
Yes	0.0	0.0	0.0	0.0
Downers (e.g., barbiturates, sedatives, Quaaludes)				
No	98.9	100.0	98.0	100.0
Yes	1.1	0.0	2.0	0.0
Tranquilizers (e.g., Xanax, Klonopin)				
No	98.9	100.0	100.0	100.0
Yes	1.1	0.0	0.0	0.0
Uppers (e.g., amphetamines, Ritalin, diet pills)				
No	98.9	98.9	98.0	100.0
Yes	1.1	1.1	2.0	0.0
Pain meds (e.g., Oxycontin, Vicadin, Adderall, Codeine)				
No	97.8	94.3	94.7	96.2
Yes	2.2	5.7	5.3	3.8
Over-the-counter meds (e.g., cough med, mouthwash)				
No	97.8	97.7	98.7	98.7
Yes	2.2	2.3	1.3	1.3
Energy Drinks				
No	61.8	37.5	38.7	47.4
Yes	38.2	62.5	61.3	52.6

Table 23. Mean age of initiation for specific behaviors, lifetime users

Substance	Age	Statistic	Grade			
			7	8	9	10
(None)	At time of survey	Average Age	13.4	14.5	15.6	16.6
		N	93	90	155	82
Alcohol	At time of first use	Average Age	12.3	13.0	13.8	14.6
		N	28	44	103	54
Cigarettes	At time of first use	Average Age	12.3	13.7	13.6	14.7
		N	7	16	51	26
Marijuana	At time of first use	Average Age	*	13.8	13.8	14.7
		N	3	17	61	27

* Too few to calculate valid statistic.

Table 24. Reasons for using substances.

Thinking of people about your age who [drink/use marijuana], how important do you think the following reasons are for them to begin using [each substance]?

Table 24A. Alcohol (among non-drinkers)

Reason	Importance	Grade			
		7	8	9	10
		%	%	%	%
Fit in with friends	Very	51.8	57.1	52.6	71.7
	Somewhat	15.7	18.6	25.3	19.6
	Not very	32.5	24.3	22.1	8.7
Parents or others in family drink	Very	27.7	34.3	23.2	24.4
	Somewhat	48.2	40.0	44.2	48.9
	Not very	24.1	25.7	32.6	26.7
Readily available	Very	28.0	25.7	27.1	43.2
	Somewhat	37.8	41.4	49.0	34.1
	Not very	34.1	32.9	24.0	22.7
Family tradition for special occasions	Very	32.5	28.6	19.8	15.2
	Somewhat	37.3	47.1	55.2	50.0
	Not very	30.1	24.3	25.0	34.8
Personal choice	Very	33.7	49.3	43.8	42.2
	Somewhat	42.2	31.9	45.8	40.0
	Not very	24.1	18.8	10.4	17.8
Fits chosen lifestyle	Very	19.3	22.9	22.1	29.5
	Somewhat	30.1	44.3	46.3	52.3
	Not very	50.6	32.9	31.6	18.2
Boredom	Very	18.5	22.9	28.1	33.3
	Somewhat	33.3	47.1	39.6	37.8
	Not very	48.1	30.0	32.3	28.9
Relieve stress	Very	39.8	32.9	35.4	45.7
	Somewhat	37.3	45.7	46.9	37.0
	Not very	22.9	21.4	17.7	17.4
Curiosity	Very	30.1	25.7	51.0	37.8
	Somewhat	44.6	54.3	35.4	35.6
	Not very	25.3	20.0	13.5	26.7
To have fun	Very	38.6	60.9	65.6	67.4
	Somewhat	36.1	21.7	22.9	26.1
	Not very	25.3	17.4	11.5	6.5
Not sure why	Very	22.0	17.1	18.9	26.7
	Somewhat	25.6	40.0	35.8	51.1
	Not very	52.4	42.9	45.3	22.2

Table 24B. Alcohol (among drinkers)

Reason	Importance	Grade			
		7	8	9	10
		%	%	%	%
Fit in with friends	Very	57.1	42.1	42.6	48.5
	Somewhat	14.3	42.1	40.7	33.3
	Not very	28.6	15.8	16.7	18.2
Parents or others in family drink	Very	28.6	10.5	27.8	28.1
	Somewhat	28.6	47.4	48.1	28.1
	Not very	42.9	42.1	24.1	43.8
Readily available	Very	42.9	31.6	29.6	24.2
	Somewhat	28.6	47.4	51.9	45.5
	Not very	28.6	21.1	18.5	30.3
Family tradition for special occasions	Very	14.3	31.6	22.6	12.1
	Somewhat	57.1	52.6	52.8	48.5
	Not very	28.6	15.8	24.5	39.4
Personal choice	Very	28.6	63.2	53.7	45.5
	Somewhat	28.6	31.6	42.6	36.4
	Not very	42.9	5.3	3.7	18.2
Fits chosen lifestyle	Very	28.6	26.3	24.1	27.3
	Somewhat	42.9	26.3	61.1	42.4
	Not very	28.6	47.4	14.8	30.3
Boredom	Very	14.3	36.8	29.6	33.3
	Somewhat	57.1	47.4	44.4	30.3
	Not very	28.6	15.8	25.9	36.4
Relieve stress	Very	14.3	47.4	33.3	37.5
	Somewhat	42.9	10.5	55.6	50.0
	Not very	42.9	42.1	11.1	12.5
Curiosity	Very	42.9	42.1	52.8	62.5
	Somewhat	42.9	42.1	35.8	21.9
	Not very	14.3	15.8	11.3	15.6
To have fun	Very	42.9	89.5	68.5	72.7
	Somewhat	42.9	10.5	27.8	18.2
	Not very	14.3	0.0	3.7	9.1
Not sure why	Very	28.6	31.6	14.8	25.0
	Somewhat	28.6	36.8	51.9	28.1
	Not very	42.9	31.6	33.3	46.9

Table 24C. Marijuana (among non-users)

Reason	Importance	Grade			
		7	8	9	10
		%	%	%	%
Fit in with friends	Very	65.6	67.1	57.8	70.3
	Somewhat	13.3	21.1	33.9	21.9
	Not very	21.1	11.8	8.3	7.8
Parents or others in family drink	Very	34.4	23.7	22.7	21.9
	Somewhat	30.0	44.7	42.7	45.3
	Not very	35.6	31.6	34.5	32.8
Readily available	Very	24.4	39.5	40.0	46.9
	Somewhat	40.0	36.8	46.4	39.1
	Not very	35.6	23.7	13.6	14.1
Personal choice	Very	45.6	57.9	58.2	54.7
	Somewhat	36.7	28.9	37.3	32.8
	Not very	17.8	13.2	4.5	12.5
Fits chosen lifestyle	Very	28.9	27.6	34.9	32.8
	Somewhat	38.9	44.7	44.0	43.8
	Not very	32.2	27.6	21.1	23.4
Boredom	Very	36.0	31.6	50.0	34.4
	Somewhat	29.2	44.7	34.5	50.0
	Not very	34.8	23.7	15.5	15.6
Relieve stress	Very	54.4	48.7	56.4	53.8
	Somewhat	26.7	34.2	29.1	40.0
	Not very	18.9	17.1	14.5	6.2
Curiosity	Very	44.4	53.9	62.7	53.1
	Somewhat	34.4	32.9	30.0	37.5
	Not very	21.1	13.2	7.3	9.4
To have fun	Very	50.0	68.4	70.0	73.8
	Somewhat	32.2	22.4	24.5	21.5
	Not very	17.8	9.2	5.5	4.6
Not sure why	Very	25.6	25.0	23.6	32.8
	Somewhat	37.8	42.1	45.5	45.3
	Not very	36.7	32.9	30.9	21.9

Table 24D. Marijuana (among users)

Reason	Importance	Grade			
		7	8	9	10
		%	%	%	%
Fit in with friends	Very	*	83.3	50.0	38.5
	Somewhat	*	8.3	31.0	53.8
	Not very	*	8.3	19.0	7.7
Parents or others in family drink	Very	*	50.0	23.8	30.8
	Somewhat	*	33.3	42.9	53.8
	Not very	*	16.7	33.3	15.4
Readily available	Very	*	91.7	57.1	61.5
	Somewhat	*	8.3	35.7	30.8
	Not very	*	0.0	7.1	7.7
Personal choice	Very	*	83.3	78.6	76.9
	Somewhat	*	16.7	16.7	23.1
	Not very	*	0.0	4.8	0.0
Fits chosen lifestyle	Very	*	58.3	28.6	38.5
	Somewhat	*	33.3	52.4	23.1
	Not very	*	8.3	19.0	38.5
Boredom	Very	*	83.3	64.3	61.5
	Somewhat	*	16.7	23.8	30.8
	Not very	*	0.0	11.9	7.7
Relieve stress	Very	*	41.7	72.5	69.2
	Somewhat	*	33.3	20.0	23.1
	Not very	*	25.0	7.5	7.7
Curiosity	Very	*	91.7	69.0	76.9
	Somewhat	*	0.0	21.4	15.4
	Not very	*	8.3	9.5	7.7
To have fun	Very	*	100.0	83.3	92.3
	Somewhat	*	0.0	14.3	7.7
	Not very	*	0.0	2.4	0.0
Not sure why	Very	*	50.0	19.0	41.7
	Somewhat	*	41.7	47.6	33.3
	Not very	*	8.3	33.3	25.0

* Number not sufficient to calculate a valid statistic

Table 25. Reasons for NOT using substances.

Thinking of people about your age who do not [drink/use marijuana], how important do you think the following reasons were influencing them not to using [each substance]?

Table 25A. Alcohol (among non-drinkers)

Reason	Importance	Grade			
		7	8	9	10
		%	%	%	%
Disapproval of friends/peers	Very	57.8	56.5	41.2	39.1
	Somewhat	32.5	26.1	42.3	39.1
	Not very	9.6	17.4	16.5	21.7
Disapproval of parents	Very	63.9	62.3	54.6	60.9
	Somewhat	27.7	29.0	35.1	28.3
	Not very	8.4	8.7	10.3	10.9
Bad experiences of family/friends	Very	50.0	53.6	59.8	47.8
	Somewhat	37.8	40.6	32.0	43.5
	Not very	12.2	5.8	8.2	8.7
Education about alcohol	Very	65.1	53.6	42.3	31.1
	Somewhat	27.7	27.5	38.1	46.7
	Not very	7.2	18.8	19.6	22.2
Personal choice	Very	66.3	76.5	66.0	68.9
	Somewhat	25.3	14.7	26.8	26.7
	Not very	8.4	8.8	7.2	4.4
Health reasons	Very	72.3	52.2	53.6	50.0
	Somewhat	18.1	33.3	35.1	43.5
	Not very	9.6	14.5	11.3	6.5
Legal reasons	Very	68.3	50.7	39.2	46.7
	Somewhat	19.5	42.0	38.1	28.9
	Not very	12.2	7.2	22.7	24.4
Ethical/moral reasons	Very	72.3	66.7	55.7	69.8
	Somewhat	21.7	29.0	35.1	25.6
	Not very	6.0	4.3	9.3	4.7
Does not fit chosen lifestyle	Very	65.9	66.7	56.7	51.1
	Somewhat	24.4	26.1	33.0	33.3
	Not very	9.8	7.2	10.3	15.6
Alcoholic beverages not available	Very	25.3	27.5	30.9	28.9
	Somewhat	31.3	46.4	34.0	40.0
	Not very	43.4	26.1	35.1	31.1

Table 25B. Alcohol (among drinkers)

Reason	Importance	Grade			
		7	8	9	10
		%	%	%	%
Disapproval of friends/peers	Very	71.4	68.4	37.0	39.4
	Somewhat	28.6	26.3	40.7	27.3
	Not very	0.0	5.3	22.2	33.3
Disapproval of parents	Very	57.1	47.4	46.3	40.6
	Somewhat	28.6	42.1	42.6	37.5
	Not very	14.3	10.5	11.1	21.9
Bad experiences of family/friends	Very	85.7	57.9	50.0	51.5
	Somewhat	0.0	31.6	38.9	39.4
	Not very	14.3	10.5	11.1	9.1
Education about alcohol	Very	71.4	47.4	40.7	30.3
	Somewhat	14.3	42.1	40.7	45.5
	Not very	14.3	10.5	18.5	24.2
Personal choice	Very	83.3	58.8	59.3	63.6
	Somewhat	16.7	41.2	33.3	24.2
	Not very	0.0	0.0	7.4	12.1
Health reasons	Very	71.4	57.9	42.6	39.4
	Somewhat	14.3	21.1	44.4	48.5
	Not very	14.3	21.1	13.0	12.1
Legal reasons	Very	57.1	47.4	46.3	39.4
	Somewhat	28.6	26.3	29.6	42.4
	Not very	14.3	26.3	24.1	18.2
Ethical/moral reasons	Very	57.1	73.7	50.0	37.5
	Somewhat	14.3	15.8	40.7	46.9
	Not very	28.6	10.5	9.3	15.6
Does not fit chosen lifestyle	Very	57.1	63.2	53.7	51.5
	Somewhat	28.6	26.3	31.5	33.3
	Not very	14.3	10.5	14.8	15.2
Alcoholic beverages not available	Very	57.1	42.1	31.5	30.3
	Somewhat	42.9	52.6	42.6	36.4
	Not very	0.0	5.3	25.9	33.3

Table 25C. Marijuana (among non-users)

Reason	Importance	Grade			
		7	8	9	10
		%	%	%	%
Personal choice	Very	62.9	72.4	72.5	68.8
	Somewhat	30.3	22.4	25.7	26.6
	Not very	6.7	5.3	1.8	4.7
Disapproval of parent(s)	Very	65.6	54.7	64.5	50.8
	Somewhat	26.7	30.7	29.9	46.0
	Not very	7.8	14.7	5.6	3.2
Disapproval of of friends/peers	Very	64.4	56.6	53.2	51.6
	Somewhat	27.8	30.3	38.5	40.6
	Not very	7.8	13.2	8.3	7.8
Bad experiences of family/friends	Very	53.8	53.9	56.9	50.0
	Somewhat	34.1	38.2	29.4	37.1
	Not very	12.1	7.9	13.8	12.9
Education about Marijuana	Very	64.4	46.1	37.6	31.7
	Somewhat	26.7	34.2	44.0	54.0
	Not very	8.9	19.7	18.3	14.3
Health reasons	Very	71.9	64.5	54.6	50.8
	Somewhat	16.9	23.7	38.0	36.5
	Not very	11.2	11.8	7.4	12.7
Legal reasons	Very	69.7	51.3	57.8	53.1
	Somewhat	19.1	34.2	32.1	37.5
	Not very	11.2	14.5	10.1	9.4
Ethical/moral Reasons	Very	70.0	76.3	67.9	58.7
	Somewhat	18.9	17.1	29.4	33.3
	Not very	11.1	6.6	2.8	7.9
Does not fit chosen lifestyle	Very	62.9	64.5	58.7	52.4
	Somewhat	25.8	28.9	33.9	39.7
	Not very	11.2	6.6	7.3	7.9
Marijuana not Available	Very	38.9	27.6	28.4	17.5
	Somewhat	32.2	38.2	37.6	47.6
	Not very	28.9	34.2	33.9	34.9

Table 25D. Marijuana (among users)

Reason	Importance	Grade			
		7	8	9	10
		%	%	%	%
Personal choice	Very	*	83.3	73.8	53.8
	Somewhat	*	16.7	16.7	23.1
	Not very	*	0.0	9.5	23.1
Disapproval of parent(s)	Very	*	50.0	50.0	46.2
	Somewhat	*	50.0	31.0	30.8
	Not very	*	0.0	19.0	23.1
Disapproval of of friends/peers	Very	*	50.0	50.0	46.2
	Somewhat	*	33.3	31.0	23.1
	Not very	*	16.7	19.0	30.8
Bad experiences of family/friends	Very	*	50.0	35.7	46.2
	Somewhat	*	41.7	35.7	23.1
	Not very	*	8.3	28.6	30.8
Education about Marijuana	Very	*	50.0	31.0	30.8
	Somewhat	*	33.3	40.5	30.8
	Not very	*	16.7	28.6	38.5
Health reasons	Very	*	50.0	47.6	46.2
	Somewhat	*	16.7	31.0	38.5
	Not very	*	33.3	21.4	15.4
Legal reasons	Very	*	66.7	50.0	46.2
	Somewhat	*	25.0	31.0	30.8
	Not very	*	8.3	19.0	23.1
Ethical/moral Reasons	Very	*	58.3	54.8	38.5
	Somewhat	*	16.7	33.3	38.5
	Not very	*	25.0	11.9	23.1
Does not fit chosen lifestyle	Very	*	41.7	52.4	53.8
	Somewhat	*	33.3	31.0	7.7
	Not very	*	25.0	16.7	38.5
Marijuana not Available	Very	*	16.7	31.0	15.4
	Somewhat	*	41.7	28.6	23.1
	Not very	*	41.7	40.5	61.5

* Number not sufficient to calculate a valid statistic

SECTION 3. INDIVIDUAL / PEER DOMAIN

Table 26. Availability of alcohol, tobacco, drugs and guns

If you wanted to, how easy would it be for you to get:	Grade			
	7	8	9	10
	%	%	%	%
Alcoholic beverages				
Very easy	26.4	36.4	54.0	60.3
Sort of easy	30.8	42.0	34.7	23.1
Sort of hard	27.5	13.6	7.3	12.8
Very hard	15.4	8.0	4.0	3.8
Cigarettes				
Very easy	18.7	36.4	58.7	64.1
Sort of easy	25.3	23.9	18.7	23.1
Sort of hard	24.2	21.6	17.3	6.4
Very hard	31.9	18.2	5.3	6.4
Marijuana				
Very easy	15.4	34.1	57.7	52.6
Sort of easy	12.1	19.3	22.8	21.8
Sort of hard	20.9	17.0	12.8	12.8
Very hard	51.6	29.5	6.7	12.8
A drug like cocaine, heroin, LSD or amphetamines				
Very easy	8.9	4.5	8.7	11.7
Sort of easy	3.3	12.5	22.0	19.5
Sort of hard	21.1	29.5	29.3	28.6
Very hard	66.7	53.4	40.0	40.3
A gun				
Very easy	15.4	4.5	8.0	10.4
Sort of easy	4.4	9.1	11.3	13.0
Sort of hard	16.5	26.1	28.0	31.2
Very hard	63.7	60.2	52.7	45.5

Table 27. Sources for obtaining alcoholic beverages among lifetime drinkers

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
How often do you get alcoholic beverages from:				
Home, with your parents' permission				
Never	46.7	57.8	57.3	52.7
Sometimes	53.3	35.6	38.8	41.8
Often	0.0	6.7	3.9	5.5
Home, without your parents' permission				
Never	86.2	57.8	46.2	65.5
Sometimes	10.3	37.8	45.2	27.3
Often	3.4	4.4	8.7	7.3
Your friends				
Never	79.3	28.9	26.7	22.2
Sometimes	20.7	57.8	42.9	48.1
Often	0.0	13.3	30.5	29.6
Your brother(s) or sister(s)				
Never	89.7	71.1	68.6	67.3
Sometimes	10.3	24.4	25.7	27.3
Often	0.0	4.4	5.7	5.5
From other people who buy it for you				
Never	100.0	65.9	46.2	51.9
Sometimes	0.0	34.1	36.5	24.1
Often	0.0	0.0	17.3	24.1
At a party with adults present who are aware of underage drinking				
Never	82.8	62.2	58.1	54.5
Sometimes	17.2	33.3	31.4	38.2
Often	0.0	4.4	10.5	7.3
At a party with adults present but unaware of underage drinking				
Never	82.8	62.8	61.5	60.0
Sometimes	17.2	32.6	31.7	32.7
Often	0.0	4.7	6.7	7.3
At a party with no adults present				
Never	86.2	52.3	36.2	34.5
Sometimes	10.3	38.6	41.0	32.7
Often	3.4	9.1	22.9	32.7
At a restaurant				
Never	82.8	79.5	81.4	74.5
Sometimes	17.2	20.5	16.7	23.6
Often	0.0	0.0	2.0	1.8
At a store (you buy it)				
Never	96.6	97.7	95.1	92.7
Sometimes	3.4	2.3	3.9	5.5
Often	0.0	0.0	1.0	1.8

Table 28. Place and prevalence of alcohol use

In the past month, how many times did you drink alcoholic beverages:	Grade			
	7	8	9	10
	%	%	%	%
At home				
None	28.6	68.4	35.2	52.9
1-2 times	42.9	21.1	46.3	35.3
3-5 times	28.6	10.5	14.8	11.8
6-10 times	0.0	0.0	1.9	0.0
More than 10 times	0.0	0.0	1.9	0.0
On the street, in the woods, or in parks or fields				
None	71.4	63.2	60.4	67.6
1-2 times	14.3	26.3	22.6	23.5
3-5 times	14.3	5.3	15.1	2.9
6-10 times	0.0	0.0	1.9	5.9
More than 10 times	0.0	5.3	0.0	0.0
With older friends				
None	85.7	36.8	22.6	32.4
1-2 times	14.3	36.8	43.4	29.4
3-5 times	0.0	21.1	22.6	29.4
6-10 times	0.0	0.0	9.4	5.9
More than 10 times	0.0	5.3	1.9	2.9
At the homes of other people				
None	85.7	31.6	22.6	23.5
1-2 times	14.3	42.1	41.5	50.0
3-5 times	0.0	21.1	24.5	20.6
6-10 times	0.0	5.3	9.4	2.9
More than 10 times	0.0	0.0	1.9	2.9
At school activities, like dances or football games				
None	100.0	94.4	92.5	94.1
1-2 times	0.0	5.6	7.5	2.9
3-5 times	0.0	0.0	0.0	2.9
6-10 times	0.0	0.0	0.0	0.0
More than 10 times	0.0	0.0	0.0	0.0
At work				
None	85.7	94.7	96.2	97.1
1-2 times	0.0	5.3	3.8	0.0
3-5 times	0.0	0.0	0.0	2.9
6-10 times	14.3	0.0	0.0	0.0
More than 10 times	0.0	0.0	0.0	0.0
When skipping school				
None	85.7	94.7	96.2	97.1
1-2 times	0.0	0.0	3.8	0.0
3-5 times	0.0	5.3	0.0	2.9
6-10 times	0.0	0.0	0.0	0.0
More than 10 times	14.3	0.0	0.0	0.0

Table 28. Place and prevalence of alcohol use continued

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
While driving a car, truck or motorcycle				
None	85.7	100.0	100.0	94.1
1-2 times	0.0	0.0	0.0	2.9
3-5 times	14.3	0.0	0.0	2.9
6-10 times	0.0	0.0	0.0	0.0
More than 10 times	0.0	0.0	0.0	0.0
At a party with an adult present who are aware of underage drinking				
None	85.7	84.2	53.8	55.9
1-2 times	0.0	15.8	34.6	29.4
3-5 times	0.0	0.0	5.8	8.8
6-10 times	14.3	0.0	3.8	5.9
More than 10 times	0.0	0.0	1.9	0.0
At a party with adults present who are NOT aware of underage drinking				
None	85.7	68.4	60.4	73.5
1-2 times	14.3	31.6	26.4	23.5
3-5 times	0.0	0.0	7.5	2.9
6-10 times	0.0	0.0	3.8	0.0
More than 10 times	0.0	0.0	1.9	0.0
At a party without an adult present				
None	85.7	42.1	33.3	29.4
1-2 times	14.3	42.1	40.7	47.1
3-5 times	0.0	15.8	11.1	17.6
6-10 times	0.0	0.0	13.0	2.9
More than 10 times	0.0	0.0	1.9	2.9

Table 29. Perceived harm of substance use

How much do you think people risk harming themselves if they:	Grade			
	7	8	9	10
	%	%	%	%
Smoke cigarettes regularly				
No risk	1.1	0.0	0.7	1.2
Very little risk	11.8	6.8	3.9	12.3
Some risk	23.7	23.9	28.3	23.5
A lot of risk	63.4	69.3	67.1	63.0
Use alcohol regularly				
No risk	6.5	8.0	8.5	9.0
Very little risk	32.6	19.5	26.1	34.6
Some risk	38.0	48.3	42.5	32.1
A lot of risk	22.8	24.1	22.9	24.4
Use marijuana regularly				
No risk	4.4	6.9	9.9	10.3
Very little risk	8.8	11.5	27.2	33.3
Some risk	25.3	32.2	38.4	30.8
A lot of risk	61.5	49.4	24.5	25.6

Table 30. Peer use of substances

How many of your close friends:	Grade			
	7	8	9	10
	%	%	%	%
Smoke cigarettes?				
None	71.1	48.3	47.3	45.6
Some	25.6	46.0	43.9	46.8
Most	3.3	5.7	8.8	7.6
Drink alcoholic beverages?				
None	67.4	23.0	16.2	13.9
Some	30.3	58.6	52.7	50.6
Most	2.2	18.4	31.1	35.4
Use marijuana?				
None	77.0	41.4	27.0	32.9
Some	19.5	39.1	45.9	45.6
Most	3.4	19.5	27.0	21.5
Use inhalants?				
None	87.5	85.1	88.5	88.6
Some	9.1	14.9	8.8	11.4
Most	3.4	0.0	2.7	0.0
Have tried a drug like cocaine, LSD, or heroin?				
None	88.8	75.9	74.1	79.7
Some	10.1	24.1	23.1	17.7
Most	1.1	0.0	2.7	2.5
Have used prescription medications without a doctor telling them to?				
None	83.1	71.3	63.5	65.8
Some	15.7	28.7	31.8	30.4
Most	1.1	0.0	4.7	3.8
Have played games for money				
None	68.5	64.4	42.9	69.6
Some	28.1	27.6	40.8	26.6
Most	3.4	8.0	16.3	3.8
Are considered bullies?				
None	73.9	77.0	72.3	82.3
Some	23.9	20.7	24.3	15.2
Most	2.3	2.3	3.4	2.5

Table 31. Social supports

When you have a problem that bothers you, how often do you talk about it with:	Grade			
	7	8	9	10
	%	%	%	%
Parents or guardians				
Almost never	21.7	34.5	22.1	28.9
Sometimes	31.3	33.3	45.5	34.2
Often	34.9	18.4	24.1	19.7
Almost always	12.0	13.8	8.3	17.1
A relative other than parent				
Almost never	49.4	51.7	54.5	50.0
Sometimes	27.7	24.1	26.9	26.3
Often	20.5	19.5	13.8	13.2
Almost always	2.4	4.6	4.8	10.5
A teacher				
Almost never	71.6	67.4	69.0	73.7
Sometimes	23.5	25.6	23.4	19.7
Often	2.5	4.7	6.2	3.9
Almost always	2.5	2.3	1.4	2.6
A mentor or counselor				
Almost never	75.6	70.1	69.7	74.7
Sometimes	17.1	21.8	19.3	16.0
Often	3.7	6.9	7.6	6.7
Almost always	3.7	1.1	3.4	2.7
An adult, not family or teacher				
Almost never	68.3	64.4	60.0	67.1
Sometimes	23.2	25.3	25.5	19.7
Often	4.9	6.9	11.0	9.2
Almost always	3.7	3.4	3.4	3.9
A brother or sister				
Almost never	45.0	37.9	35.9	46.1
Sometimes	25.0	24.1	37.9	28.9
Often	25.0	21.8	14.5	13.2
Almost always	5.0	16.1	11.7	11.8
A friend				
Almost never	11.0	11.5	11.7	11.8
Sometimes	20.7	18.4	24.8	19.7
Often	31.7	34.5	24.8	21.1
Almost always	36.6	35.6	38.6	47.4
Nobody. I keep it to myself.				
Almost never	13.4	20.7	17.2	14.5
Sometimes	53.7	32.2	42.1	36.8
Often	13.4	32.2	24.1	28.9
Almost always	19.5	14.9	16.6	19.7

Table 32. Antisocial behavior

In the past year I have:	Grade			
	7	8	9	10
	%	%	%	%
Stolen something worth less than \$100	13.3	17.2	19.5	19.0
Gotten suspended or expelled from school	5.7	3.4	4.1	1.3
Gotten into trouble with the police	8.9	8.0	13.5	6.3
Picked a fight (not with a family member)	21.3	23.0	20.0	15.2
Attacked someone to seriously hurt them	14.4	14.9	13.5	8.9
Bully someone with the idea of hurting their feelings	18.0	12.6	16.2	8.9
Cheated on a test	26.7	34.5	39.9	40.5
Sold illegal drugs	1.1	5.8	9.5	7.6
Bought illegal drugs	0.0	9.3	20.9	17.7
Purposely damaged another's property	12.2	12.6	18.2	10.1
Carried a weapon	13.6	10.3	15.5	11.4
Brought a weapon to school	5.7	2.3	2.0	3.8
Gotten arrested	0.0	3.4	2.0	3.8
Played games for money, like poker	23.6	23.0	19.6	10.1
Placed bets on-line	5.6	0.0	3.4	1.3
Played scratch tickets for money	31.1	14.9	26.4	19.0
Ridden as passenger with driver using alcohol	15.7	25.3	12.8	24.1
Ridden as passenger with driver using drugs	7.9	18.4	22.3	19.0

Table 33. Attitudes toward antisocial behavior

How wrong do you think it is for someone your age to:	Grade			
	7	8	9	10
	%	%	%	%
Drink alcoholic beverages				
Not at all wrong	7.2	20.9	24.3	26.3
Somewhat wrong	31.3	40.7	50.0	47.4
Very wrong	61.4	38.4	25.7	26.3
Smoke cigarettes				
Not at all wrong	4.8	8.1	12.5	15.6
Somewhat wrong	21.7	34.9	39.6	37.7
Very wrong	73.5	57.0	47.9	46.8
Use marijuana				
Not at all wrong	8.4	11.6	21.5	22.1
Somewhat wrong	8.4	24.4	36.8	41.6
Very wrong	83.1	64.0	41.7	36.4
Purposely damage property that does not belong to them				
Not at all wrong	7.3	5.8	9.9	9.2
Somewhat wrong	22.0	30.2	31.0	26.3
Very wrong	70.7	64.0	59.2	64.5

Table 33. Attitudes toward antisocial behavior, continued.

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
Carry a knife, gun or other weapon				
Not at all wrong	9.6	9.3	14.6	11.7
Somewhat wrong	20.5	16.3	22.9	19.5
Very wrong	69.9	74.4	62.5	68.8
Steal something worth less than \$100				
Not at all wrong	8.4	11.6	10.4	9.1
Somewhat wrong	24.1	31.4	34.0	33.8
Very wrong	67.5	57.0	55.6	57.1
Pick a fight with someone (not family)				
Not at all wrong	9.6	10.5	13.2	9.2
Somewhat wrong	38.6	39.5	45.8	43.4
Very wrong	51.8	50.0	41.0	47.4
Attack someone to hurt them				
Not at all wrong	11.0	7.0	7.6	7.8
Somewhat wrong	11.0	15.1	28.5	23.4
Very wrong	78.0	77.9	63.9	68.8
Use inhalants				
Not at all wrong	8.4	5.8	9.0	11.7
Somewhat wrong	14.5	20.9	24.3	27.3
Very wrong	77.1	73.3	66.7	61.0
Cheat on a test at school				
Not at all wrong	14.5	16.3	13.9	16.9
Somewhat wrong	45.8	39.5	59.7	51.9
Very wrong	39.8	44.2	26.4	31.2
Drink and drive				
Not at all wrong	4.8	5.8	8.3	5.2
Somewhat wrong	8.4	10.5	11.8	18.2
Very wrong	86.7	83.7	79.9	76.6
Play games for money (e.g., poker)				
Not at all wrong	20.5	24.4	37.5	26.0
Somewhat wrong	31.3	29.1	41.7	36.4
Very wrong	48.2	46.5	20.8	37.7
Place bets on-line or in person				
Not at all wrong	8.4	12.8	22.9	16.9
Somewhat wrong	41.0	41.9	43.8	49.4
Very wrong	50.6	45.3	33.3	33.8
Play scratch tickets for money				
Not at all wrong	30.1	31.4	45.8	39.0
Somewhat wrong	39.8	37.2	29.2	33.8
Very wrong	30.1	31.4	25.0	27.3
Tease or taunt someone with the idea of hurting their feelings				
Not at all wrong	6.0	9.4	9.0	9.1
Somewhat wrong	32.5	31.8	29.2	27.3
Very wrong	61.4	58.8	61.8	63.6
Say or do nothing if a friend bullies someone				
Not at all wrong	12.0	13.1	15.4	13.0
Somewhat wrong	33.7	35.7	40.6	36.4
Very wrong	54.2	51.2	44.1	50.6
Very wrong	12.0	13.1	15.4	13.0

Table 34. How youth report spending time after school

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
How many hours a day do you usually spend:				
Doing homework				
None	1.1	2.3	3.9	3.8
Less than 1 hour	41.3	43.2	43.2	40.0
1-3 hours	56.5	51.1	47.7	52.5
More than 3 hours	1.1	3.4	5.2	3.8
How many hours a week do you usually spend:				
Exercising, working out or playing informal sports				
None	7.7	8.0	8.4	14.8
Up to 3 hours	47.3	38.6	29.9	38.3
3 to 7 hours	30.8	26.1	27.9	27.2
More than 7 hours	14.3	27.3	33.8	19.8
Playing or practicing organized sports				
None	35.6	19.1	32.0	39.2
Up to 3 hours	30.0	11.2	12.4	13.9
3 to 7 hours	24.4	30.3	11.8	15.2
More than 7 hours	10.0	39.3	43.8	31.7
In clubs (like school clubs, scouts, boys/girls club)				
None	69.9	79.8	80.5	65.0
Up to 3 hours	25.8	15.7	14.3	26.3
3 to 7 hours	4.3	3.4	0.6	6.3
More than 7 hours	0.0	1.1	4.5	2.5
Watching TV				
None	6.6	11.2	11.2	8.6
Up to 3 hours	38.5	49.4	46.7	56.8
3 to 7 hours	35.2	30.3	28.9	22.2
More than 7 hours	19.8	9.0	13.2	12.3
Reading books, magazines or newspapers				
None	31.1	30.0	24.8	23.2
Up to 3 hours	41.1	42.2	53.6	58.5
3 to 7 hours	17.8	25.6	15.7	6.1
More than 7 hours	10.0	2.2	5.9	12.2
Hanging out with friends in private homes				
None	20.4	20.2	12.3	16.3
Up to 3 hours	37.6	40.4	40.9	43.8
3 to 7 hours	33.3	25.8	31.2	26.3
More than 7 hours	8.6	13.5	15.6	13.8
Working at a paying job				
None	61.1	41.1	39.9	25.6
Up to 3 hours	24.4	36.7	31.4	31.7
3 to 7 hours	12.2	17.8	16.3	26.8
More than 7 hours	2.2	4.4	12.4	15.9

Table 34. How youth report spending time after school, continued.

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
Helping around the house				
None	15.2	6.7	9.7	8.8
Up to 3 hours	52.2	52.8	56.1	60.0
3 to 7 hours	23.9	30.3	25.8	20.0
More than 7 hours	8.7	10.1	8.4	11.3
Doing volunteer work				
None	63.0	61.8	63.6	47.6
Up to 3 hours	31.5	24.7	29.9	39.0
3 to 7 hours	2.2	11.2	4.5	11.0
More than 7 hours	3.3	2.2	1.9	2.4
In a band, choir, orchestra, or playing a musical instrument				
None	32.6	70.0	75.3	72.0
Up to 3 hours	44.6	16.7	9.1	9.8
3 to 7 hours	14.1	7.8	5.8	11.0
More than 7 hours	8.7	5.6	9.7	7.3
Attending religious services or programs				
None	64.1	62.2	68.8	70.0
Up to 3 hours	30.4	31.1	26.0	21.3
3 to 7 hours	4.3	4.4	4.5	7.5
More than 7 hours	1.1	2.2	0.6	1.3
Using a computer unrelated to school				
None	9.7	5.6	8.4	4.9
Up to 3 hours	49.5	41.1	41.3	40.2
3 to 7 hours	23.7	34.4	32.9	36.6
More than 7 hours	17.2	18.9	17.4	18.3
Playing video games				
None	40.2	61.1	49.4	60.5
Up to 3 hours	39.1	23.3	26.0	22.2
3 to 7 hours	7.6	6.7	14.9	6.2
More than 7 hours	13.0	8.9	9.7	11.1
Talking on the telephone				
None	34.8	22.2	39.9	24.1
Up to 3 hours	53.3	58.9	46.4	55.7
3 to 7 hours	8.7	12.2	9.2	12.7
More than 7 hours	3.3	6.7	4.6	7.6
Listening to music				
None	7.6	5.6	2.6	6.3
Up to 3 hours	37.0	30.3	36.1	36.3
3 to 7 hours	19.6	29.2	24.5	21.3
More than 7 hours	35.9	34.8	36.8	36.3

Table 35. Youth athletic activities

What kinds of athletics are you involved in?	Grade			
	7	8	9	10
	%	%	%	%
None	15.1	14.4	19.4	30.5
Informal, not organized	22.6	14.4	19.4	14.6
Organized outside school	57.0	23.3	23.2	24.4
School physical education	30.1	32.2	29.7	31.7
School intramural sports	16.1	5.6	9.7	6.1
Varsity, JV or freshman teams	4.3	67.8	56.8	47.6

Table 36. Self concept

How much do you disagree or agree with the following:	Grade			
	7	8	9	10
	%	%	%	%
I am good at making friends.				
Strongly disagree	8.0	0.0	6.2	10.4
Disagree	10.3	20.7	15.1	18.2
Agree	50.6	48.3	52.1	46.8
Strongly agree	31.0	31.0	26.7	24.7
I feel no one understands me.				
Strongly disagree	35.2	34.5	35.6	23.7
Disagree	46.6	46.0	39.7	51.3
Agree	11.4	14.9	18.5	14.5
Strongly agree	6.8	4.6	6.2	10.5
At times, I think I am no good at all.				
Strongly disagree	40.9	38.4	41.8	22.1
Disagree	26.1	34.9	32.9	45.5
Agree	28.4	16.3	20.5	26.0
Strongly agree	4.5	10.5	4.8	6.5
I feel lonely.				
Strongly disagree	42.0	40.2	41.8	29.9
Disagree	33.0	44.8	31.5	48.1
Agree	18.2	11.5	23.3	16.9
Strongly agree	6.8	3.4	3.4	5.2
I am good at making decisions.				
Strongly disagree	6.9	1.2	7.0	7.6
Disagree	13.8	18.6	14.0	25.3
Agree	50.6	48.8	53.8	54.4
Strongly agree	28.7	31.4	25.2	12.7
I feel that no one really cares about me.				
Strongly disagree	52.8	46.0	45.9	43.4
Disagree	33.7	43.7	37.7	43.4
Agree	10.1	8.0	13.0	13.2
Strongly agree	3.4	2.3	3.4	0.0

Table 36. Self concept, continued.

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
I feel I do not have much to be proud of.				
Strongly disagree	55.7	52.9	42.5	40.3
Disagree	26.1	39.1	38.4	41.6
Agree	14.8	4.6	12.3	16.9
Strongly agree	3.4	3.4	6.8	1.3
I think I have a good sense of humor.				
Strongly disagree	5.7	1.1	3.4	9.2
Disagree	11.5	12.6	7.5	10.5
Agree	47.1	54.0	51.4	47.4
Strongly agree	35.6	32.2	37.7	32.9
I often have trouble sleeping.				
Strongly disagree	35.2	27.9	24.0	26.0
Disagree	38.6	39.5	39.0	46.8
Agree	18.2	23.3	20.5	19.5
Strongly agree	8.0	9.3	16.4	7.8
I feel sad most of the time.				
Strongly disagree	36.8	41.4	43.4	36.4
Disagree	51.7	42.5	40.7	48.1
Agree	9.2	13.8	13.1	11.7
Strongly agree	2.3	2.3	2.8	3.9
On the whole, I like myself.				
Strongly disagree	7.0	3.5	4.9	7.9
Disagree	14.0	11.6	16.8	9.2
Agree	41.9	50.0	45.5	51.3
Strongly agree	37.2	34.9	32.9	31.6
I have so much energy, I don't know what to do with it.				
Strongly disagree	20.5	13.8	19.2	26.3
Disagree	56.8	56.3	47.9	48.7
Agree	15.9	17.2	24.7	17.1
Strongly agree	6.8	12.6	8.2	7.9
I have less energy than I think I should.				
Strongly disagree	34.1	32.2	33.6	23.1
Disagree	44.3	41.4	39.0	43.6
Agree	18.2	21.8	21.2	24.4
Strongly agree	3.4	4.6	6.2	9.0
I have a number of good qualities.				
Strongly disagree	4.5	1.2	4.1	9.0
Disagree	9.1	2.4	7.5	10.3
Agree	51.1	61.9	55.5	44.9
Strongly agree	35.2	34.5	32.9	35.9
All in all, I am glad I am me.				
Strongly disagree	9.0	2.3	7.6	7.9
Disagree	9.0	16.3	9.7	5.3
Agree	42.7	34.9	42.8	57.9
Strongly agree	39.3	46.5	40.0	28.9

Table 36. Self concept, continued.

Questions and responses	Grade			
	7 %	8 %	9 %	10 %
I am restless and can't sit still				
Strongly disagree	26.1	17.2	17.1	16.9
Disagree	44.3	43.7	43.8	53.2
Agree	22.7	31.0	28.8	20.8
Strongly agree	6.8	8.0	10.3	9.1
I have trouble concentrating.				
Strongly disagree	20.5	18.4	16.6	17.1
Disagree	46.6	35.6	37.2	40.8
Agree	29.5	35.6	34.5	28.9
Strongly agree	3.4	10.3	11.7	13.2
If someone were being bullied, I would stick up for them				
Strongly disagree	10.3	4.7	6.2	7.9
Disagree	6.9	15.1	19.9	23.7
Agree	51.7	55.8	54.1	52.6
Strongly agree	31.0	24.4	19.9	15.8
Taken all together, would you say you are?				
Very happy	40.5	27.6	25.9	31.7
Pretty happy	46.1	59.8	59.2	58.2
Not to happy	12.4	10.3	12.2	6.3
Unhappy	1.1	2.3	2.7	3.8

Table 37. Perceptions of normative substance use

About how many students in your grade do you think:	Grade			
	7	8	9	10
	%	%	%	%
Smoke cigarettes?				
Fewer than 5%	56.5	10.1	5.3	3.7
5-10%	26.1	19.1	19.9	21.0
10-20%	9.8	31.5	17.2	21.0
20-30%	7.6	18.0	19.2	22.2
30-50%	0.0	16.9	27.2	21.0
More than 50%	0.0	4.5	11.3	11.1
Drink alcohol at least twice a month?				
Fewer than 10%	59.3	3.4	2.6	2.5
10-25%	23.1	14.8	9.3	8.9
25-50%	15.4	37.5	19.2	12.7
50-75%	2.2	25.0	32.5	35.4
75-90%	0.0	18.2	30.5	35.4
More than 90%	0.0	1.1	6.0	5.1
Use marijuana?				
Fewer than 5%	67.0	10.2	3.3	5.1
5-10%	15.4	14.8	5.3	6.4
10-20%	9.9	14.8	7.9	11.5
20-30%	2.2	25.0	17.9	21.8
30-50%	2.2	18.2	23.2	24.4
More than 50%	3.3	17.0	42.4	30.8

SECTION 4. FAMILY DOMAIN

Table 38. Family attitudes toward alcohol, tobacco, and marijuana

How wrong do your parents/guardians feel it would be for you to:	Grade			
	7	8	9	10
	%	%	%	%
Drink beer, wine, or hard liquor more than a few sips?				
Not at all wrong	4.3	1.1	3.9	6.4
A little bit wrong	10.9	12.6	23.5	23.1
Wrong	26.1	29.9	36.6	29.5
Very wrong	58.7	56.3	35.9	41.0
Smoke cigarettes?				
Not at all wrong	0.0	0.0	0.7	1.2
A little bit wrong	1.1	4.4	4.6	6.2
Wrong	17.4	13.3	19.9	21.0
Very wrong	81.5	82.2	74.8	71.6
Use marijuana?				
Not at all wrong	1.1	0.0	3.3	2.6
A little bit wrong	5.5	3.4	11.3	13.0
Wrong	7.7	11.5	19.2	20.8
Very wrong	85.7	85.1	66.2	63.6

Table 39. Family status of alcohol use

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
Does either of your parents drink alcoholic beverages?				
No	23.7	20.0	18.5	15.9
Yes	76.3	80.0	81.5	84.1
Do your siblings drink alcoholic beverages?				
No	51.6	52.2	50.3	42.7
Yes	28.0	28.9	39.2	39.0
Don't know	11.8	8.9	6.5	9.8
No siblings	8.6	10.0	3.9	8.5
Has anyone in your family had alcohol problems?				
No	81.3	77.5	70.4	72.0
Yes	18.7	22.5	29.6	28.0

Table 40. Family management

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
On a regular weekday, how many hours do you usually spend after school without an adult present?				
None	23.7	20.0	12.3	13.4
Less than 1 hour	26.9	21.1	18.1	24.4
1-2 hours	34.4	35.6	36.8	35.4
Up to 4 hours	9.7	14.4	21.3	18.3
More than 4 hours	5.4	8.9	11.6	8.5
When I am away from home, my parents know where I am and who I am with.				
Definitely not true	0.0	2.2	1.3	3.8
Mostly not true	5.4	5.6	11.6	11.3
Mostly true	34.4	38.9	46.5	42.5
Definitely true	60.2	53.3	40.6	42.5
If I break one of my parent's rules, I am usually disciplined				
Definitely not true	5.4	3.3	7.8	7.4
Mostly not true	14.0	13.3	10.5	21.0
Mostly true	36.6	46.7	47.7	39.5
Definitely true	44.1	36.7	34.0	32.1
My family has clear rules discouraging drinking alcohol.				
Definitely not true	4.3	0.0	3.3	8.5
Mostly not true	5.4	10.0	15.7	14.6
Mostly true	35.5	31.1	39.9	36.6
Definitely true	54.8	58.9	41.2	40.2
My family has clear rules discouraging smoking.				
Definitely not true	4.3	3.3	6.5	12.3
Mostly not true	5.4	1.1	5.2	8.6
Mostly true	5.4	13.3	19.4	22.2
Definitely true	84.9	82.2	69.0	56.8

Table 41. Parental attachment and communication

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
I feel very close to my parent/guardian(s)				
Definitely not true	3.2	3.3	3.2	7.4
Mostly not true	6.5	15.6	11.0	14.8
Mostly true	35.5	40.0	41.9	32.1
Definitely true	54.8	41.1	43.9	45.7
I enjoy spending time with my parent/guardian(s)				
Definitely not true	4.3	4.4	3.2	1.2
Mostly not true	7.5	17.8	12.9	21.0
Mostly true	48.4	58.9	57.4	53.1
Definitely true	39.8	18.9	26.5	24.7
I share my thoughts and feelings with my parent/guardian(s)				
Definitely not true	8.6	12.4	11.6	14.8
Mostly not true	24.7	27.0	30.3	23.5
Mostly true	45.2	38.2	41.3	40.7
Definitely true	21.5	22.5	16.8	21.0

Table 42. Positive family involvement

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
My parent/guardian(s):				
Gives lots of chances to do fun things with them and my family.				
Definitely not true	3.2	3.3	1.3	2.5
Mostly not true	8.6	10.0	14.9	17.3
Mostly true	39.8	45.6	43.5	42.0
Definitely true	48.4	41.1	40.3	38.3
Gives me help and support.				
Definitely not true	2.2	1.1	2.6	0.0
Mostly not true	2.2	5.6	9.0	14.8
Mostly true	26.1	37.8	38.1	38.3
Definitely true	69.6	55.6	50.3	46.9
Asks if my homework is done.				
Definitely not true	2.2	4.4	6.5	10.0
Mostly not true	5.4	11.1	13.5	21.3
Mostly true	23.9	32.2	41.3	30.0
Definitely true	68.5	52.2	38.7	38.8
Participates in activities at my school.				
Definitely not true	23.1	15.9	27.7	25.9
Mostly not true	23.1	34.1	21.9	22.2
Mostly true	30.8	30.7	32.3	27.2
Definitely true	23.1	19.3	18.1	24.7

SECTION 5. SCHOOL DOMAIN

Table 43. School performance

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
What kinds of grades do you usually get?				
Mostly A's	38.7	30.3	14.3	15.0
A's and B's	18.3	33.7	36.4	31.3
Mostly B's	9.7	9.0	17.5	7.5
B's and C's	18.3	21.3	14.9	22.5
Mostly C's	2.2	1.1	2.6	3.8
C's and D's	8.6	2.2	9.1	11.3
Mostly D's	2.2	1.1	4.5	8.8
D's and F's	1.1	1.1	0.6	0.0
Mostly F's	1.1	0.0	0.0	0.0
On average, how many hours a day do you spend doing homework?				
None	1.1	2.3	3.9	3.8
Less than 1 hour	41.3	43.2	43.2	40.0
1-3 hours	56.5	51.1	47.7	52.5
More than 3 hours	1.1	3.4	5.2	3.8

Table 44. Perception of school enforcement of policies on substances

What is most severe discipline if student is caught at school:	Grade			
	7	8	9	10
	%	%	%	%
With an alcoholic beverage?				
Nothing	0.0	0.0	1.3	1.3
Sent to principal's office	1.1	4.5	1.3	9.0
Detention	0.0	9.1	4.0	1.3
Suspension	44.6	52.3	63.6	47.4
Expulsion	26.1	8.0	17.9	19.2
I don't know	28.3	26.1	11.9	21.8
Smoking a cigarette?				
Nothing	0.0	2.2	3.3	6.2
Sent to principal's office	3.2	11.1	9.9	11.1
Detention	0.0	11.1	17.8	12.3
Suspension	40.9	35.6	37.5	39.5
Expulsion	19.4	2.2	2.0	3.7
I don't know	36.6	37.8	29.6	27.2
In possession of marijuana?				
Nothing	1.1	0.0	0.7	1.3
Sent to principal's office	2.2	2.3	0.7	5.1
Detention	0.0	1.1	1.3	5.1
Suspension	18.7	46.6	57.0	37.2
Expulsion	51.6	23.9	31.1	32.1
I don't know	26.4	26.1	9.3	19.2

Table 45. Perception of school environment

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
A lot of drugs are available in my school				
Definitely not true	67.7	11.1	6.5	9.8
Mostly not true	19.4	31.1	18.1	25.6
Mostly true	9.7	31.1	37.4	35.4
Definitely true	3.2	26.7	38.1	29.3
Adults in my school are trying to keep kids off drugs				
Definitely not true	8.6	4.4	6.5	2.4
Mostly not true	0.0	17.8	16.2	14.6
Mostly true	18.3	26.7	38.3	42.7
Definitely true	73.1	51.1	39.0	40.2
In my school, kids are often teased so much that their feelings are hurt				
Definitely not true	15.1	10.1	7.7	1.2
Mostly not true	45.2	37.1	30.3	49.4
Mostly true	23.7	37.1	39.4	29.6
Definitely true	16.1	15.7	22.6	19.8

Table 46. Commitment to school

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
I try hard to do good work at school.				
Definitely not true	1.1	0.0	2.6	1.3
Mostly not true	1.1	3.3	4.5	3.8
Mostly true	49.5	43.3	51.6	45.0
Definitely true	48.4	53.3	41.3	50.0
I want very much to get more education after high school.				
Definitely not true	2.2	2.2	1.9	2.5
Mostly not true	3.2	2.2	3.2	5.0
Mostly true	29.0	11.1	21.3	11.3
Definitely true	65.6	84.4	73.5	81.3
It is important to me to get good grades.				
Definitely not true	1.1	0.0	5.2	0.0
Mostly not true	4.3	4.5	1.9	7.4
Mostly true	18.3	31.5	37.4	33.3
Definitely true	76.3	64.0	55.5	59.3
I have given up on school.				
Definitely not true	88.2	86.7	80.0	72.8
Mostly not true	7.5	10.0	12.3	19.8
Mostly true	3.2	2.2	5.8	6.2
Definitely true	1.1	1.1	1.9	1.2
I feel safe at school.				
Definitely not true	3.2	5.6	2.6	4.9
Mostly not true	5.4	5.6	9.7	11.1
Mostly true	53.8	66.7	56.8	50.6
Definitely true	37.6	22.2	31.0	33.3

SECTION 6. COMMUNITY DOMAIN

Table 47. Perception of neighborhood environment

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
There are lots of things for young people to do in my neighborhood.				
Definitely not true	6.6	11.4	21.3	21.5
Mostly not true	12.1	21.6	25.3	26.6
Mostly true	44.0	40.9	37.3	34.2
Definitely true	37.4	26.1	16.0	17.7
My neighborhood is a safe place.				
Definitely not true	4.4	3.4	9.3	6.3
Mostly not true	13.2	8.0	12.0	11.4
Mostly true	47.3	73.9	60.7	59.5
Definitely true	35.2	14.8	18.0	22.8
In my neighborhood, kids are often teased or taunted				
Definitely not true	15.6	11.4	12.0	13.9
Mostly not true	43.3	44.3	42.0	50.6
Mostly true	25.6	29.5	34.7	22.8
Definitely true	15.6	14.8	11.3	12.7

Table 48. Neighborhood drug involvement

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
A lot of drugs are sold in my neighborhood.				
Definitely not true	35.2	10.2	7.3	13.9
Mostly not true	29.7	37.5	22.7	26.6
Mostly true	27.5	29.5	40.7	39.2
Definitely true	7.7	22.7	29.3	20.3
A lot of kids I know are into using marijuana and other drugs.				
Definitely not true	35.6	6.8	5.4	10.1
Mostly not true	30.0	35.2	13.4	24.1
Mostly true	25.6	29.5	39.6	35.4
Definitely true	8.9	28.4	41.6	30.4
People in town are trying to keep kids off drugs.				
Definitely not true	3.3	4.5	8.8	11.7
Mostly not true	13.2	18.2	26.4	19.5
Mostly true	44.0	51.1	50.0	49.4
Definitely true	39.6	26.1	14.9	19.5

Table 49. Perception of strategies to prevent alcohol use

How important do you think the following are in preventing kids from drinking alcohol?	Grade			
	7	8	9	10
	%	%	%	%
High price				
Very important	30.4	25.0	33.6	30.3
Somewhat important	30.4	30.7	36.2	27.6
Not important	31.5	35.2	26.2	25.0
Don't know	7.6	9.1	4.0	17.1
Checking ID's in stores and bars				
Very important	60.4	54.5	43.7	42.3
Somewhat important	20.9	28.4	33.8	24.4
Not important	11.0	13.6	19.2	19.2
Don't know	7.7	3.4	3.3	14.1
Ads that show the problems associated with drinking				
Very important	39.1	25.0	17.9	19.7
Somewhat important	35.9	36.4	43.0	25.0
Not important	15.2	29.5	35.1	42.1
Don't know	9.8	9.1	4.0	13.2
Friends who don't drink				
Very important	64.8	52.3	41.7	46.1
Somewhat important	25.3	31.8	42.4	26.3
Not important	3.3	10.2	11.3	14.5
Don't know	6.6	5.7	4.6	13.2
Friends who disapprove of drinking				
Very important	63.0	45.5	33.1	34.2
Somewhat important	26.1	39.8	49.0	39.5
Not important	5.4	10.2	13.9	14.5
Don't know	5.4	4.5	4.0	11.8
Parental strictness about drinking				
Very important	56.5	37.5	39.7	34.2
Somewhat important	32.6	45.5	39.1	36.8
Not important	4.3	12.5	18.5	14.5
Don't know	6.5	4.5	2.6	14.5
Driving restrictions				
Very important	51.6	59.1	55.0	48.1
Somewhat important	29.7	29.5	31.1	29.9
Not important	13.2	8.0	10.6	9.1
Don't know	5.5	3.4	3.3	13.0
Fine of \$200				
Very important	53.8	45.5	43.7	32.9
Somewhat important	26.4	35.2	40.4	35.5
Not important	9.9	15.9	11.3	14.5
Don't know	9.9	3.4	4.6	17.1

Table 49. Perception of strategies to prevent alcohol use continued

How important do you think the following are in preventing kids from drinking alcohol?	Grade			
	7	8	9	10
	%	%	%	%
Alcohol education in school				
Very important	46.7	30.7	19.2	22.4
Somewhat important	40.2	34.1	45.7	30.3
Not important	5.4	30.7	31.1	31.6
Don't know	7.6	4.5	4.0	15.8
Alcohol-free activities				
Very important	53.8	39.1	27.2	22.4
Somewhat important	28.6	36.8	40.4	38.2
Not important	9.9	19.5	27.8	23.7
Don't know	7.7	4.6	4.6	15.8
Fear of addiction				
Very important	39.1	29.5	28.5	23.7
Somewhat important	43.5	33.0	33.8	31.6
Not important	9.8	33.0	33.1	31.6
Don't know	7.6	4.5	4.6	13.2
Blood alcohol or breathalyzer tests at school or home				
Very important	34.8	50.0	39.7	48.1
Somewhat important	37.0	38.6	42.4	29.9
Not important	19.6	10.2	15.2	10.4
Don't know	8.7	1.1	2.6	11.7

SECTION 7. HEALTH AND WELLNESS

Table 50. Body weight and physical activity

Questions and responses	Grade			
	7	8	9	10
	%	%	%	%
How would you describe your weight?				
Very underweight	0.0	3.3	0.6	3.7
Underweight	7.5	12.2	11.6	8.5
About right	69.9	72.2	69.0	73.2
Overweight	9.7	6.7	12.3	7.3
Very overweight	2.2	1.1	0.0	1.2
What are you trying to do about your weight?				
Gain weight	12.9	16.7	18.1	13.4
Stay the same	24.7	24.4	20.6	25.6
Lose weight	33.3	28.9	34.2	34.1
I am not trying to do anything about my weight	18.3	24.4	20.6	20.7
In the past 30 days, did you exercise to lose weight or keep from gaining weight?				
No	35.5	33.3	36.1	30.5
Yes	52.7	60.0	56.1	63.4
In the past 30 days, did you eat less food, fewer calories, lowfat foods to lose weight or keep from gaining weight?				
No	60.2	54.4	66.5	47.6
Yes	28.0	38.9	26.5	46.3
During the past 7 days, how many times did you eat a green salad?				
None	29.0	30.0	26.5	23.2
1-6 times	49.5	53.3	54.8	61.0
Every day	7.5	11.1	11.0	8.5
More than once a day	3.2	0.0	1.3	1.2
On how many of the past 7 days did you?				
Exercise or play a sport for at least 20 minutes, that made you sweat and breathe hard?				
None	6.5	3.3	5.2	8.5
1-2 days	28.0	12.2	17.4	18.3
3-6 days	33.3	35.6	23.2	34.1
Every day	19.4	44.4	43.9	31.7
Exercise or play a sport for at least 30 minutes that did not make you sweat and breathe hard?				
None	16.1	15.6	16.8	17.1
1-2 days	30.1	34.4	22.6	40.2
3-6 days	25.8	23.3	27.1	19.5
Every day	15.1	21.1	23.2	15.9
Did exercise to strengthen or tone your muscles?				
None	15.1	14.4	10.3	17.1
1-2 days	36.6	20.0	24.5	25.6
3-6 days	23.7	37.8	27.1	35.4
Every day	11.8	22.2	26.5	13.4
Body Mass Index				
Underweight	2.2	2.2	1.9	0.0
Normal	63.4	62.2	64.5	70.7
Overweight	2.2	1.1	0.0	2.4
Obese	8.6	11.1	12.9	7.3

SECTION 8. COMPARISONS

Tables in this section compare Stonington youth with both national statistics from 2008 and regional data from 2006-2009. The source of national statistics is the Monitoring The Future survey compiled by the University of Michigan every year (most recently in 2008) for grades 8, 10 and 12. (n/a = data not available). The source of the regional statistics is a compilation of youth surveys conducted in Southeastern Connecticut between 2006 and 2009 by SERAC.

Table 51. Lifetime substance use rates

Substance (any amount)	Stonington 2009	MTF National Survey 2008	SECT 2006-2009	Stonington 2009	MTF National Survey 2008	SECT 2006-2009
	Grade 8			Grade 10		
	%	%	%	%	%	%
Cigarettes	18.9	20.5	17.0	32.9	31.7	27.3
Smokeless tobacco	16.7	9.8	n/a	25.6	12.2	n/a
Alcohol	48.9	38.9	38.4	67.9	58.3	61.0
Marijuana	19.3	14.6	10.7	35.8	29.9	31.5
Inhalants	5.7	15.7	8.2	5.1	12.8	8.2
Cocaine	1.1	3.0	1.0	2.6	4.5	3.9
Crack	0.0	2.0	0.7	0.0	2.0	1.3
Heroin	0.0	1.4	0.7	0.0	1.2	1.9
Hallucinogens	0.0	3.3	1.3	7.7	5.5	7.0
MDMA (ecstasy)	1.1	2.4	0.7	1.3	4.3	2.2
GHB	0.0	n/a	0.3	0.0	n/a	0.3
Any illicit drug except marijuana	2.3	11.2	3.6	9.0	15.9	11.7
Downers	6.8	n/a	5.6	5.1	n/a	9.5
Steroids	2.3	1.4	1.6	0.0	1.4	1.2
Tranquilizers	0.0	3.9	0.7	0.0	6.8	1.7
Prescription medications w/o Rx	11.4	n/a	6.3	15.4	n/a	14.3

Table 52. Recent (30-Day) prevalence

Substance (any amount)	Stonington 2009	MTF 2008	SECT 2006-2009	Stonington 2009	MTF 2008	SECT 2006-2009
	Grade 8			Grade 10		
	%	%	%	%	%	%
Cigarettes	5.6	6.8	5.0	13.4	12.3	13.1
Smokeless tobacco	6.7	3.5	n/a	12.2	5.0	n/a
Alcohol	21.1	15.9	13.5	40.7	28.8	31.5
Marijuana	13.6	5.8	5.6	16.0	13.8	16.0
Inhalants	4.5	4.1	n/a	1.3	2.1	n/a
Cocaine	0.0	0.8	0.1	0.0	1.2	0.9
Crack	0.0	0.5	0.1	0.0	0.5	0.3
Heroin	0.0	0.4	0.2	0.0	0.4	0.4
Hallucinogens	0.0	0.9	0.2	1.3	1.3	1.5
MDMA (ecstasy)	0.0	0.8	0.1	0.0	1.1	0.4
Ketamine	0.0	n/a	0.2	0.0	n/a	0.1
GHB	0.0	n/a	0.0	0.0	n/a	0.0
Any illicit drug except marijuana	0.0	3.8	0.8	1.3	5.3	3.2
Downers	0.0	n/a	1.3	0.0	n/a	2.2
Steroids	0.0	0.5	0.5	0.0	0.5	0.7
Tranquilizers	0.0	1.2	0.3	0.0	1.9	0.3
Prescription medications w/o Rx	5.7	n/a	2.0	3.8	n/a	3.6

Table 53. Perception of harm and availability

	Stonington 2009	MTF National Survey 2008	SECT 2006-2009	Stonington 2009	MTF National Survey 2008	SECT 2006-2009
	Grade 8			Grade 10		
	%	%	%	%	%	%
Perception of “great harm” with regular use						
Cigarettes	69.3	59.8	69.2	63.0	69.1	61.6
Alcohol	24.1	31.5	32.9	24.4	35.0	27.8
Marijuana	49.4	72.0	62.3	25.6	64.8	37.1
Substance “fairly-” or “very easily” available						
Cigarettes	60.3	57.4	50.9	87.2	76.5	75.0
Alcohol	78.4	64.1	63.2	83.4	81.1	84.4
Marijuana	53.4	39.3	33.5	74.4	67.4	70.3

SECTION 9. CORRELATIONS

Table 54. Prevention strategies

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
How important do you think the following are in preventing kids from drinking?	p-value	% of max	% of max	%
High price	n.s.	51.1		
Checking ID's in stores and bars	n.s.	70.1		
Ads showing problems associated with drinking	n.s.	50.9		
Friends who don't drink	n.s.	74.9		
Friends who disapprove of drinking	n.s.	71.9		
Parental strictness about drinking	n.s.	69.1		
Driver's license restriction	n.s.	72.9		
Fine of \$200	n.s.	69.3		
Alcohol education in school	n.s.	56.2		
Alcohol-free activities	0.01	63.1	42.6	67.5
Fear of addiction	n.s.	56.0		
Blood alcohol or breathalyzer tests	n.s.	65.7		

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

* Mean scores are based on the 3-point scale of Table 49, rescaled to 100.

Higher score indicates a perception of MORE EFFECTIVE prevention.

Table 55. Social supports

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
When you have a problem that bothers you, how often do you talk about it with:	p-value	% of max	% of max	%
Parents or guardians	n.s.	42.2		
A relative other than parent	n.s.	25.4		
A teacher	n.s.	12.5		
A mentor	n.s.	12.6		
An adult who is not family or a teacher	n.s.	15.9		
A brother or sister	n.s.	33.1		
A friend	n.s.	64.4		
Nobody. I keep it to myself.	n.s.	47.3		

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

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

Table 56. Attitudes toward antisocial behavior

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
How wrong do you think it is for someone your age to:	p-value	% of max	% of max	%
Drink alcoholic beverages	<0.001	67.5	30.9	45.7
Smoke cigarettes	0.05	77.2	59.2	76.7
Use marijuana	<0.001	80.7	35.9	44.5
Purposely damage property that does not belong to them	0.01	82.2	65.0	79.1
Carry a knife, gun or other weapon	0.05	81.4	68.9	84.7
Steal something worth less than \$100	0.01	79.3	60.7	76.5
Pick a fight with someone (not family)	0.05	72.1	55.4	76.8
Attack someone to hurt them	0.001	84.9	71.4	84.1
Taunt someone to hurt their feelings	0.05	79.9	66.5	83.2
Do nothing if a friend bullies someone	0.05	71.7	57.4	80.0
Use inhalants	0.05	83.7	70.9	84.7
Cheat on a test at school	<0.001	65.1	43.7	67.1
Drink and drive	0.05	90.0	80.6	89.5
Play games for money, like poker	<0.001	60.9	33.5	55.0
Place bets on-line	0.01	67.5	45.6	67.6
Play scratch tickets for money	0.01	51.1	28.6	56.1

* Mean scores are based on the 4-point scale of Table 33, rescaled to 0-100.

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

Table 57. Time spent after school

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
How many hours a week do you usually spend:	p-value	% of max	% of max	%
Exercising, working out, or playing sports	n.s.	53.9		
Playing or practicing organized sports	n.s.	45.7		
In clubs (like school clubs, scouts, boys/girls club)	0.01	9.6	13.8	144.1
Watching TV	n.s.	52.2		
Reading books, magazines or newspapers	n.s.	35.6		
Hanging out with friends in private homes	0.01	41.5	61.9	149.0
Working at a paying job	0.05	21.0	36.8	175.5
Helping around the house	n.s.	42.6		
Doing volunteer work	n.s.	16.4		
In a band, choir, or playing a musical instrument	n.s.	25.6		
Attending religious services	n.s.	15.5		
Using a computer unrelated to school	0.05	48.8	66.7	136.7
Playing video games	n.s.	27.7		
Talking on the telephone	n.s.	29.6		
Listening to music	n.s.	57.9		

* Mean scores are based on the 4-point scale of Table 34, rescaled to 0-100.

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

Table 58. Self concept

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
How much do you disagree or agree with the following:	p-value	% of max	% of max	%
I am good at making friends.	n.s.	69.4		
I feel no one understands me.	0.05	31.3	33.3	106.6
At times, I think I am no good at all.	0.01	31.4	38.5	122.4
I feel lonely.	n.s.	28.7		
I am good at making decisions.	n.s.	68.4		
I feel that no one really cares about me.	n.s.	23.5		
I feel I do not have much to be proud of.	n.s.	23.0		
I think I have a good sense of humor.	n.s.	70.5		
I often have trouble sleeping.	n.s.	35.4		
I feel sad most of the time.	n.s.	25.5		
On the whole, I like myself.	n.s.	71.2		
I have so much energy, I don't know what to do with it.	n.s.	39.2		
I have less energy than I think I should.	n.s.	30.7		
I have a number of good qualities.	n.s.	74.1		
All in all, I am glad I am me.	n.s.	73.6		
I am restless and can't sit still	n.s.	39.9		
I have trouble concentrating.	n.s.	38.9		
I would stick up for some one being bullied.	n.s.	68.1		

* Mean scores are based on the 4-point scale of Table 36, rescaled to 0-100.
Higher score means STRONGER AGREEMENT by average respondent.

Table 59. Perceived reasons for drinking

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
For people your age who drink, how important are the following reasons?	p-value	% of max	% of max	%
Fit in with friends	n.s.	61.1		
Family members drink	n.s.	52.0		
Alcohol easily available	0.05	43.8	58.6	133.9
Family tradition for special occasions	n.s.	48.5		
Personal choice	n.s.	57.7		
Fits chosen lifestyle	n.s.	38.8		
Boredom	0.05	38.7	56.9	146.8
Relieve stress	n.s.	57.2		
Curiosity	n.s.	51.7		
To have fun	n.s.	60.8		
Don't know	n.s.	36.5		

* Mean scores are based on the 3-point scale of Table 24, scale inverted and rescaled to 0-100.

Higher score means MORE IMPORTANCE attached by average respondent.

Table 60. Perceived reasons NOT to drink

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
For people your age who do not drink, how important are the following reasons?	p-value	% of max	% of max	%
Personal choice	n.s.	80.6		
Disapproval of parents	0.05	76.4	67.2	88.0
Disapproval of friends	n.s.	70.3		
Bad experiences of family, friends	n.s.	72.2		
Education about alcohol	n.s.	75.4		
Health reasons	n.s.	77.8		
Legal reasons	n.s.	76.6		
Ethical or moral reasons	<0.001	82.0	72.4	88.3
Does not fit lifestyle	n.s.	77.3		
Alcohol not available	0.01	45.5	70.7	155.3

* Mean scores are based on the 3-point scale of Table 25, scale inverted and rescaled to 0-100.

Higher score means MORE IMPORTANCE attached by average respondent.

Table 61. Participation in athletic activities

Question and response choices	Statistical Significance	Percent of Total Sample Recent Alcohol Consumption		
		NO	YES	YES/NO
	p-value	%	%	%
Are you involved in athletics?				
No	n.s.	20.3	17.7	87.3
Yes, informal, not organized	n.s.	15.9	23.9	149.8
Yes, organized outside school	n.s.	31.9	29.2	91.6
Yes, school phys. ed. activities	n.s.	28.6	37.2	130.1
Yes, school intramural sports	n.s.	9.6	9.7	101.0
Yes, varsity, JV or freshman school team	0.001	41.2	58.4	141.8

Table 62. Knowledge of school policies

Question and response choices	Statistical Significance	Percent of Total Sample Recent Alcohol Consumption		
		NO	YES	YES/NO
	p-value	%	%	%
What is the most severe thing that is likely to happen to a student who is caught with an alcoholic beverage at school?				
Nothing	n.s.	1.0	0.0	--
Sent to principal's office for a lecture	n.s.	3.7	2.7	73.6
Detention	n.s.	4.4	1.8	41.5
Suspension	n.s.	52.2	57.3	109.7
Expulsion	n.s.	16.5	21.8	132.2
I don't know	n.s.	22.2	16.4	73.6

Table 63. 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	n.s.	13.8		
Have asthma	n.s.	10.0		
Weekday time after school without adult present	0.01	38.6	53.4	138.5
Does either parent drink alcohol?	0.01	76.5	89.7	117.2
Do siblings drink alcohol?	0.01	24.0	31.0	129.2
Anyone in family ever had problems with alcohol	<0.001	19.2	41.4	215.4
How many close friends drink alcohol?	<0.001	24.7	55.8	225.4
What kinds of grades do you mostly get?	0.01	17.5	26.7	153.1
How many hours a day doing homework?	n.s.	49.8		