

NEW BRUNSWICK
STUDENT DRUG USE SURVEY 2002

TECHNICAL REPORT

New Brunswick
Department of Health and Wellness
January, 2003

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**New Brunswick
Student Drug Use Survey 2002:
Technical Report**

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The 2002 New Brunswick Student Drug Use Survey was a collaboration involving the NB Department of Health & Wellness, the NB Department of Education, School Districts and public schools of NB and Dalhousie University. The New Brunswick survey was funded through Provincial Epidemiology Service, NB Department of Health & Wellness. The standardization of a survey protocol for the Atlantic Provinces was initially accomplished in 1994 under the leadership of Christiane Poulin with support from the National Health Research and Development Program, Health Canada (grant 6603-1402-DA). The standardized survey in Atlantic Provinces was revised in 2001 under the leadership of Christiane Poulin with support from the Canadian Population Health Initiative.

EXECUTIVE SUMMARY

The 2002 New Brunswick (NB) Student Drug Use Survey is part of a co-ordinated Atlantic Canada initiative, which provides information about alcohol, tobacco, other drug use, problems resulting from use, gambling and other risky behaviours among adolescent students across the region. This is the third wave of surveys in Atlantic Provinces since 1996 and the sixth in New Brunswick since 1986. In 2002, only NB, NS, and PEI participated in the survey; Nfld could not implement the data collection.

The questionnaire was administered to adolescents enrolled in grades 7, 9, 10 and 12. A standardized survey tool was used by the three provinces to provide a basis for comparison. A series of questions were asked regarding their use of alcohol, tobacco, cannabis and other legal and illicit drugs as well as their gambling behaviour. Students from grades 9, 10 and 12 were also asked questions about their sexual behaviour. The questionnaire offered an opportunity for students to express their views and concerns through an open-ended question. In New Brunswick, a total of 4,078 students participated in this survey. However, the results in this report are from 3, 854 students who completed the survey and met the design requirements.

Table 1 shows the proportions of alcohol, tobacco and other drug use among students of grades 7, 9, 10 and 12 in New Brunswick by year. The results of the survey indicated that alcohol, cannabis and tobacco were still the most commonly used drugs by students in New Brunswick. Compared with the previous surveys, a significant increase of use in cannabis, psilocybin/mescaline, and stimulants, and a significant decrease of cigarette smoking and use in LSD have been observed. The use of alcohol and other drugs are relatively stable. The more detailed information regarding proportions of alcohol, tobacco and other drug use by gender and grade is presented in Tables 2 and 3 of Appendix 3.

Table 1. Alcohol, tobacco and other drug use (%) among students in 1996*, 1998* & 2002, NB SDUS 2002

Substances	Percentage Use					
	1996*		1998*		2002	
	(n=3315)		(n=3298)		(n=3854)	
	%	95% C.I.	%	95% C.I.	%	95% C.I.
Alcohol	52.3	49.6 - 55.0	55.6	53.0 - 58.2	53.2	51.1 - 55.3
Cigarette	32.7	31.0 - 34.5	32.2	30.1 - 34.4	20.7	18.9 - 22.5
Cannabis	28.9	26.8 - 31.1	30.6	28.5 - 32.7	34.9	32.9 - 37.0
LSD	15.1	13.4 - 16.8	10.9	9.8 - 12.0	5.2	4.3 - 6.1
Solvents or Inhalants	5.8	4.8 - 6.8	5.5	4.7 - 6.4	5.3	4.5 - 6.1
Psilocybin/Mescaline	8.4	7.3 - 9.5	9.3	8.3 - 10.4	11.6	10.4 - 12.8
Tranquilizers, Non-Medical Use	4.5	3.7 - 5.3	3.8	3.0 - 4.5	5.0	4.3 - 5.7
Cocaine/Crack	4.7	4.0 - 5.4	4.0	3.2 - 4.8	3.6	2.9 - 4.3
Steroids	2.8	2.2 - 3.3	2.2	1.7 - 2.7	2.8	2.2 - 3.4
PCP	3.9	3.1 - 4.6	3.5	2.8 - 4.2	3.9	3.2 - 4.6
Heroin	2.4	1.9 - 2.9	1.7	1.2 - 2.2	1.9	1.5 - 2.3
Stimulants, Non-Medical Use**	9.3	8.0 - 10.5	8.4	7.3 - 9.5	13.4	12.1 - 14.7
Amphetamines, Non-Medical Use	N/A		N/A		10.9	9.8 - 12.0
Ritalin, Non-Medical Use	N/A		N/A		5.8	4.9 - 6.7
Ecstasy	N/A		N/A		4.0	3.3 - 4.7

* previous Student Drug Use Surveys

** In 1996 & 1998, stimulants represented any use of Benzedrine, Dexedrine, Ritalin, Cylert, diet pills, etc. In 2002, stimulants represented any use of Amphetamines and/or Ritalin.

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We would like to thank Martine Robichaud for her help implementing the survey in New Brunswick. Thanks are extended to staff from Addiction Services, the English and French School Districts, and principals and teachers across New Brunswick for their efforts and co-operation. Finally, we would like to thank the students for their participation, which is needed to ensure the success of this survey.

*« I hope to see the results of these surveys on the news
or somewhere that I can learn about the results in
school. It would be greatly appreciated. Thanks. »*
Male, Grade 9

INTRODUCTION

The New Brunswick 2002 Student Drug Use Survey is the third application of the standardized survey in collaboration with other Atlantic Provinces since 1996. The first two surveys were performed in the spring of 1996, 1998 by all four Atlantic Provinces.¹⁻⁸ In 2002, only New Brunswick, Nova Scotia and Prince Edward Island participated in the survey and Newfoundland and Labrador were not able to perform data collection.

The New Brunswick Student Drug Use 2002 Technical Report describes the patterns of use of tobacco, alcohol and other drugs, and gambling in addition to the consequences of those behaviours among New Brunswick adolescents enrolled in the public school system in grades 7, 9, 10 and 12. The Technical Report is restricted to descriptive findings such as the prevalence of drug use, gambling problems and related high-risk behaviours. The 2002 results are compared with the findings from 1996 and 1998 whenever possible.^{1,6} Also included is a summary table of the prevalence of drug use in Nova Scotia and Prince Edward Island. However, some caution is necessary in the interpretation of the findings by the fact that the survey provides representative information only about adolescents actually enrolled in and attending school and that those street youth, dropouts and adolescents frequently absent from school are at higher risk of substance use than are adolescents in school.⁹

About New Brunswick

The province of New Brunswick has a population of about 730,000; of which about 90,000 are 11 to 19 years of age.¹⁰ About 65% of the population consider English as their primary language, and 33% consider French as such. Half of New Brunswickers live in urban areas while another half live in rural areas.

The education system in New Brunswick is an amalgamated system consisting of 14 districts (9 English and 5 French) with a total of 342 schools, of which 237 are English and 105 are French. New Brunswick provides a system comprised of elementary schools (grades K - 8) and high school (grades 9-12). Semestering at the high school level is also in place. The estimated dropout rate of students from the school system, in New Brunswick, was 2.9% in the 2000-2001 school year.

In New Brunswick, the age restriction for access to alcohol or tobacco, or to gambling activities such as lottery tickets, video lottery terminals and sports betting is 19 years of age. Although there are other forms of gambling such as horse betting, bingo and raffles, which are not age-regulated, organizers of these activities recognize 19 years as the accepted minimum age for participation. The age restriction for alcohol has not changed since 1972, when the Liquor Control Act changed the minimum age of sale and public consumption from 21 years to 19 years. The Tobacco Sales Act, which came into force in October 1994, raised the age restriction for tobacco purchases from 16 years to 19 years. The Lottery Act, which places the minimum age for participating in gambling activities at 19 years, came into force in 1991.

A total of six surveys have been implemented in New Brunswick regarding the substance use, gambling and related high-risk behaviours among adolescents enrolled in public school system. This includes the last three done in collaboration with the other Atlantic Provinces (1996, 1998 and 2002). Previous surveys were carried out in 1986, 1989 and 1992.¹¹⁻¹³ The results from the last three standardized surveys indicated that drug use among New Brunswick students was comparable to those students living in other Atlantic Provinces.

Objectives

The goal of the 2002 Student Drug Use Surveys in the Atlantic Provinces was to develop a population health perspective on addictions-related health in the adolescent student population; in each province separately and in the region as a whole.

The objectives were:

To estimate, in the adolescent student population, the prevalence of the various patterns of substance use and gambling, related high-risk behaviours and harmful consequences and risk continua;

To identify determinants of addictions-related health in the adolescent student population;

To determine students' awareness of exposure to drug prevention/education programming during the school year;

To provide students with the opportunity to identify issues needs they consider relevant to addictions-related health; and

To provide sound epidemiological data useful in the development of policies and programming in the areas of prevention and treatment.

« I think that it is a good thing to do this survey because too many teens use drugs and alcohol for different reasons, mainly to follow everybody else, to be accepted, to be cool. »

Female, Grade 9

« I don't think that these surveys are very accurate in collecting information on drugs and alcohol use in teens unless all you are looking for is if they do; but if that were the case then anyone could tell you that 90% + students in grade 12 have drank in the past month and a good amount have at least smoked pot. I think you should focus less on the if's and how many and more on the why's and why not's if you are looking to help, stop, or regulate it. »

Male, Grade 12

« Alcohol, tobacco and drug is often used at school dances and activities. »

Male, Grade 9

« When someone starts on chemicals, it is really hard to stop. Pot is not bad for my health or my behaviour, I smoke sometimes when I'm at school and my grades are still good. All my money goes for pot, smokes, chemies, coffee....and booze. I know that I have a problem, but eventually I will stop. I'm just enjoying my teens! »

Female, Grade 12

« I am not someone who uses drugs or gambles. I drink alcohol three or four times a year, at special occasions. I'm an athlete and I'm concern for my health. I love my life and I wouldn't want to ruin it at such a young age. A lot of my friends use those things, but I'm too stubborn to follow them. I believe in myself and I know where I'm going in life. I have a lot of projects for my future and drugs are not part of them! »

Female, Grade 12

«Let people make their own decisions. Drugs are not bad if you do not do hard drugs. If people just smoked cannabis, the world would be a wonderful and peaceful place. Please leave us alone. »

Male, Grade 10

« Marijuana itself is not bad. It is what people do above and beyond that is bad. »

Male, Grade 12

«After reading and doing this survey, I felt really proud of myself. I have not drank or done drugs, gamble or had sex. My reason for not doing these things would be because I want a great future. I know what having sex or doing drugs can do to you and that's just not for me. To get where I want to get in life. I'm doing the right thing. »

Female, Grade 9

« I do drugs and alcohol frequently. I don't have a problem, it just increases the fun. I could, I would do it all the time. It sounds immature to say, but you know what you love. Some people play sports, some people write music and I drink. »

Female, Grade 12

« I do not drugs enough for it to affect me long term. The occasional «*toke*» is normal, but I have friends that can't go for more than a few hours and no matter what they think, they have changed. It's sad how sometimes we feel like getting high or drunk is the only way to have fun. I'm not one of those people. I just like to have harmless fun. Thank you. »

Female, Grade 10

« I smoke week and I am fine! »

Female, Grade 10

« If everyone is against drugs + alcohol, than why is it so easy to get. I enjoy cannabis! »

Male, Grade 12

« I thought that this survey was very well written!! I have never really taken time to think of how many drugs are actually out there in everyday lives. Knowing that I will never use them I feel much better about my life. Great Job!!! »

Female, Grade 10

METHODS

Ethics Approval and Consent

The ethics approval for the survey was granted by the Dalhousie University Faculty of Medicine Ethics Committee. The issues addressed in the ethics review were consent, voluntary participation and confidentiality.

In New Brunswick, the initial consent to conduct the survey was obtained from the Department of Education. The department then sent letters requesting participation to all school districts indicating the schools chosen in their districts. A letter regarding the purpose of the survey was sent to each student's parents or guardians and the students were excluded if their parents had a concern. Meanwhile, consent from individual students was also obtained at the time of the survey. Because the student drug use survey was anonymous, consent by individual students was implicit. The questionnaire provided students with information about the purpose of the survey as well as the anonymous, confidential and voluntary nature of the survey. Questionnaires were administered by staff from Regional Addiction Services centres with a standardized training for the survey provided. Teachers or other school personnel were in the classrooms at the time of the survey to maintain discipline but were not allowed to participate in any aspect of the survey. Confidentiality was further ensured by having the participants insert and then seal their completed questionnaires in an unlabelled envelope.

Questionnaire

The 2002 Student Drug Use Survey employed a self-completed drug use questionnaire (Appendix 1). Students indicated their responses directly on the computer-scannable questionnaire. Most items in the 2002 questionnaire were identical to those two previous surveys. The content of questionnaire was determined by the goal and objectives in the Introduction.

The 2002 questionnaire comprised 100 items and one open-ended question. Information was requested on demographics, social environment, use of alcohol, tobacco and other drugs, problems related to substance use, sexual behaviour, help-seeking behaviour, gambling activity, and school drug education and policy. The 2002 questionnaire also included a new section on mental health. Findings regarding this section on mental health will be reported separately at a later time.

At the request of the Department of Education, two versions of the questionnaire were administered to students in New Brunswick. The grade 7 version did not have the questions on sexual-risk behaviours contained in the questionnaire for grades 9, 10 and 12.

Sampling Frame and Technique

The New Brunswick Student Drug Use Survey 2002 was a province-wide survey of students in the public school system in grades 7, 9, 10, and 12 (11 to 19 years of age). Not included in the sampling frame were students attending private school, street youth, dropouts and adolescents absent from school on the day of the survey.

The sample design was a single-stage cluster sample of randomly selected classes. Sampling was performed in four grades in two school districts resulting in eight strata. A census of classes of students in those grades was performed early in the spring of 2002. The sample allowed for approximately equal numbers of students in each grade in order to achieve a precision of +/- 5% in each grade; thereafter, the sample was allocated proportionately on school districts. Data were weighted subsequently in order to correct for overall disproportionate sampling strategy. Details about the census, sampling strategy and weights are presented in Appendix 2.

Definitions of Use

In this report, tobacco refers to cigarettes, cigars and chewing tobacco. Smoking refers to smoking more than one cigarette within the 12 months before the survey; frequent cigarette smoking refers to smoking more than 10 cigarettes per day. For alcohol, any use refers to any alcohol use within the 12 months prior to the survey ranging from less often than once per month to daily alcohol use; frequent use of alcohol is defined as consuming alcohol more than once per month. For all other drugs, any use refers to consuming the drug on one or more occasions within the 12 months prior to the survey, and frequent

use refers to consuming more than once per month.

The definition of problem gambling was based on the South Oaks Gambling Screen, Revised for Adolescents (SOGS-RA).^{14,16} At-risk gambling is defined as a score of 2 or 3 and problem gambling is defined as a score of 4 or more in the SOGS-RA scale.

Statistical analysis

All analyses were carried out using STATA computer program.¹⁷ Data were summarized using descriptive statistics such as means and percentages. Due to the sampling design, the standard errors and their associated confidence intervals were corrected by means of frequency weights with the cluster sampling technique.¹⁸ 95% confidence intervals are presented only for the major province wide estimates.

The use of selected drugs was compared by gender, grade, grade point average and friends' use of drugs. The differences in proportions were tested using logit estimation taking the cluster technique into account¹⁹. Statistical significance was defined as $p < 0.05$. The 2002 Technical Report also shows some results from 1996 and 1998 and trends in the prevalence of drug use from 1996 to 2002 in graphs.

Participation

A total of 4,532 students were enrolled in the 180 randomly selected classes with a 9.8% absenteeism rate during the survey.

About 98% of students presented on the days of the survey participated, resulting in a sample of 4,078 students, which represented 10.2% of school population in the grades 7, 9, 10 and 12. After exclusion of 224 students (152 students other than grades 7, 9, 10 and 12 were present in the randomly selected classes, 67 students reported use of the fictitious drug, and 5 students answered less than 10% of questions), 3,854 adolescents remained.

The characteristics of the students participating in the 2002 survey are presented in Table 4 of Appendix 3.

« Some people who use drugs don't always have a problem or want to quit. I think as long as it doesn't control you, it's not a problem. »
Female, Grade 12

« My best friends smoke cigarettes and use drugs, sometimes. They become easily « cranky » and leave me alone to go smoke outside. It hurts me a lot to see people I love destroy their health so much.... »
Female, Grade 9

« I've never did drugs and never will! DRUG FREE!
Family, friends and sports are far too important! »
Female, Grade 7

« You should ask more about where the drinking/drugs take place. The answers may surprise you. »
Female, Grade 9

« Drugs, alcohol, smokes and anything like that is stupid and if they want to ruin their lives, than I say let them. »
Male, Grade 10

« It would seem like a person my age shouldn't be exposed to so many drugs, but it happened and it hasn't ruined my life and it never will. »
Female, Grade 12

« I have never done drugs, alcohol or gambled and the thought of doing these things has never entered my mind. I'm not ever going to waste my life or ruin my life over something like that. Drugs and alcohol don't help your problems, they make them worse! »
Grade 7

« Compared to drugs, alcohol has almost or has no influence on us or the way we are. I don't use drugs, but I sometime consume alcohol. »
Male, Grade 9

« I do not smoke or drink and I'm never depressed or anything like that. I'm a happy person and the fastest runner in grade 9. I will never lower myself by taking drugs. »
Male, Grade 9

FINDINGS

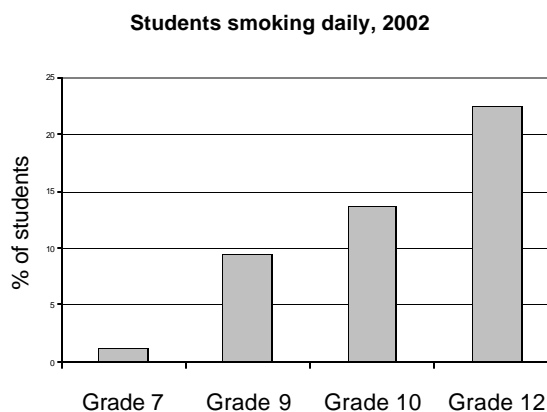
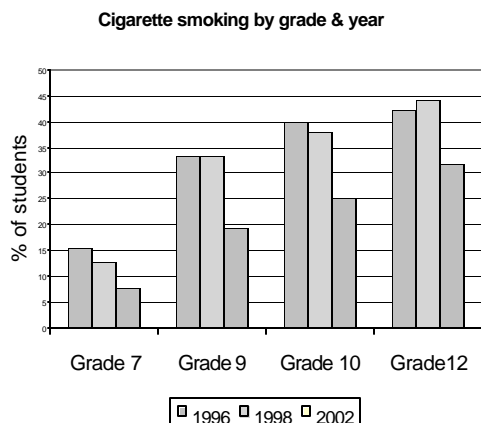
TOBACCO

The 2002 survey inquired about three different types of tobacco products: cigarettes, cigars or pipes and chewing tobacco.

Cigarette Smoking

	Cigarette Use in 2002 Survey	Comparison with Previous Surveys
In General	<ul style="list-style-type: none"> - Overall, 21% of students surveyed reported smoking cigarettes more than once during the 12 months before the survey. - 4% of students surveyed reported smoking 10 or more cigarettes per day 	<ul style="list-style-type: none"> - The overall smoking rate had decreased in 2002 compared to 1996 (33%) and 1998 (32%).
Gender	<ul style="list-style-type: none"> - More females (23%) reported smoking than males (18%). 	<ul style="list-style-type: none"> - The gap between females and males was similar to previous surveys.
Grade	<ul style="list-style-type: none"> - Rates of smoking increased with grade level: Grade 7: 8% Grade 9: 20% Grade10: 25% Grade12: 32% 	<ul style="list-style-type: none"> - Compared to previous surveys, a marked decrease in the smoking rate in each grade was observed in 2002.

Cigarette smoking is increasingly common as students get older.



Frequent Cigarette Users:

- 89% of frequent cigarette users were daily smokers.
- 30% of frequent smokers smoked their first whole cigarette before age 10.

Influence of Friends:

- Students were more likely to smoke if their friends smoked.
- 41% of students smoked more than 100 cigarettes in their lifetime to date, if half or more of their friends smoked.
- If none of their friends smoked, less than 1% of students smoked more than 100 cigarettes in their lifetime to date. (Table 5 of Appendix 3)

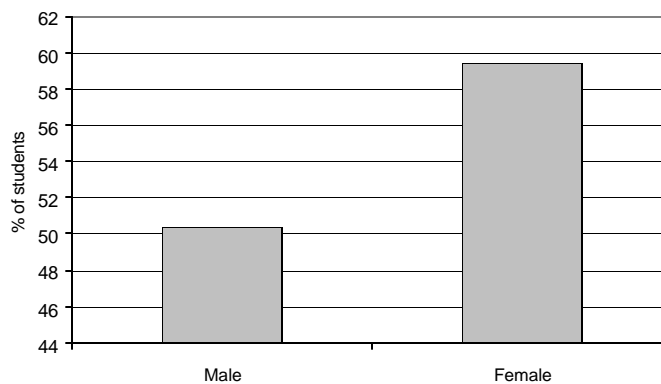
Other Tobacco Products

In the course of a year, 16% of students reported smoking a cigar or pipe and 4% using chewing tobacco. More males than females reported using cigars or pipes and chewing tobacco (Table 6 of Appendix 3).

Quitting

- Overall, among students who reported smoking in the past 12 months, more than half (55%) tried to quit smoking in the six months prior to the survey (Table 7 of Appendix 3).
- More females than males tried to quit cigarette smoking and more than half of students from grades 9, 10 and 12 tried to quit smoking compared to students from grade 7.

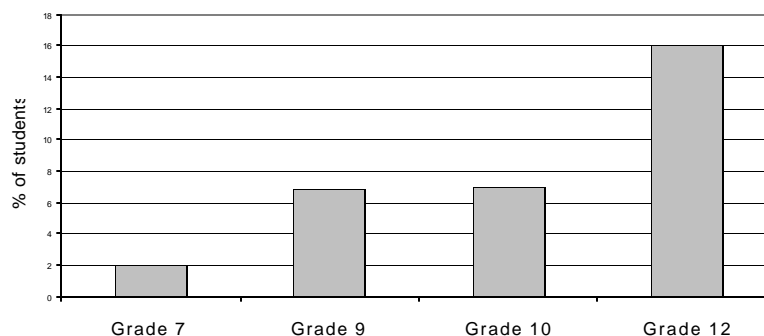
Attempts to quit smoking by sex, 2002



Using Fake ID for Cigarette Smoking

- Overall, about 8% of students reported using a fake ID for cigarettes within 12 months prior to the survey.
- No gender difference.
- Use of fake ID occurred more often among grade 12 students (Table 8 of Appendix 3).

Using fake ID to buy cigarettes by grade, 2002



Information on pattern of cigarette smoking and smoking status is presented in Tables 9-10 of Appendix 3.

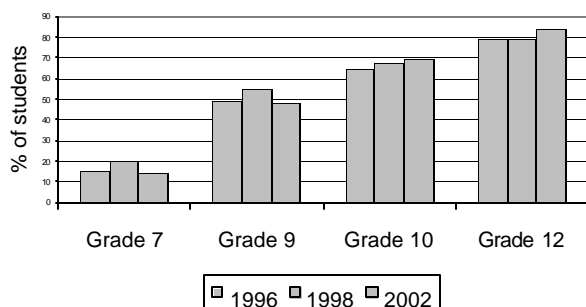
ALCOHOL

	Alcohol Use in 2002 Survey	Comparison with Previous Surveys
In General	<ul style="list-style-type: none"> - Overall, 53% of students surveyed reported drinking alcohol at least once within the 12 months prior to the survey. - 30% of students were frequent users of alcohol. 	<ul style="list-style-type: none"> - The overall use of alcohol remained at a level similar to what was observed in 1996 (52%) and 1998 (56%).
Gender	<ul style="list-style-type: none"> - More females (55%) than males (51%) reported drinking alcohol at least once in the past year. 	<ul style="list-style-type: none"> - The rates of alcohol use were the same for females, but the rates for males had significantly decreased compared to 1998.
Grade	<ul style="list-style-type: none"> - Drinking increased with grade level: Grade 7: 14% Grade 9: 48% Grade 10: 70% Grade 12: 84% 	<ul style="list-style-type: none"> - Rates of drinking had decreased in grades 7 and 9 but increased in grades 10 and 12 compared to 1998.

(more details in Table 11 of Appendix 3)

Alcohol consumption is increasingly common as students get older.

Any use of alcohol by grade & year



Any use of alcohol by gender & year



Among Frequent Alcohol Users:

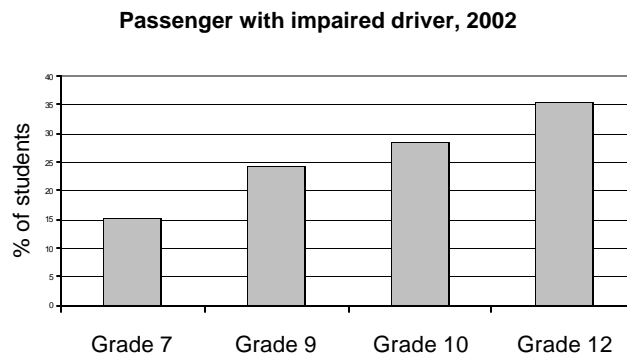
- 47% had their first drink at grade 7 or earlier.
- 48% consumed alcohol one or more times per week in the past year.
- 73% had 5 or more drinks on the same occasion in the past month.
- 69% were intoxicated at least once in the past month.
- 52% went to a bar, tavern, beverage room or lounge at least once in the past year.

Influence of Friends:

- Alcohol use was most common if friends also used alcohol.
- 81% of students drank alcohol if half or more of their friends also drank alcohol.
- Only 3% of students drank alcohol if none of their friends drank alcohol.

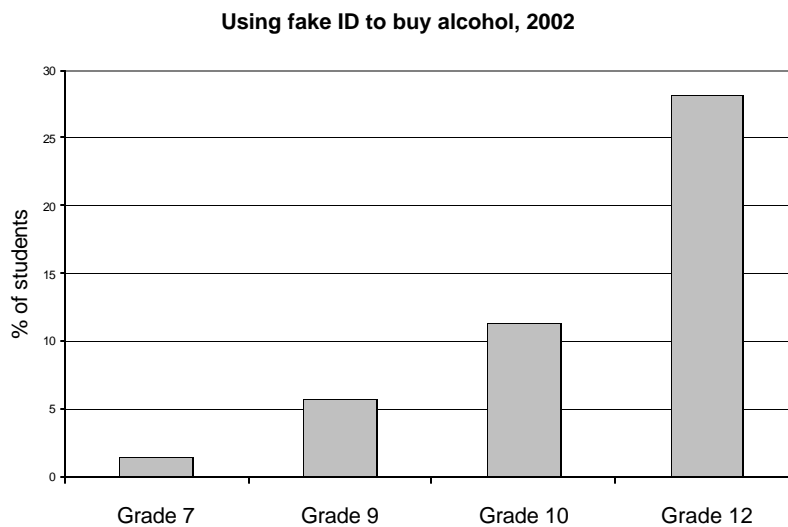
Alcohol and Driving

- Overall, 9% had driven a motor vehicle within an hour of drinking two or more drinks of alcohol at least once in the past year; more males (11%) than females (6%) reported driving under these conditions.
- 26% reported being a passenger with an impaired driver in the past year (Table 12 of Appendix 3).
- Being a passenger with an impaired driver was more common as students got older
- Among frequent users, 2% reported having been a driver in a motor vehicle accident after having drunk two hours prior to the accident.



Fake ID for Alcohol

- 11% reported using a fake ID for alcohol in the past year.
- No significant difference between males (10%) and females (12%).
- Using fake ID was more common as students got older (Table 13 of Appendix 3).

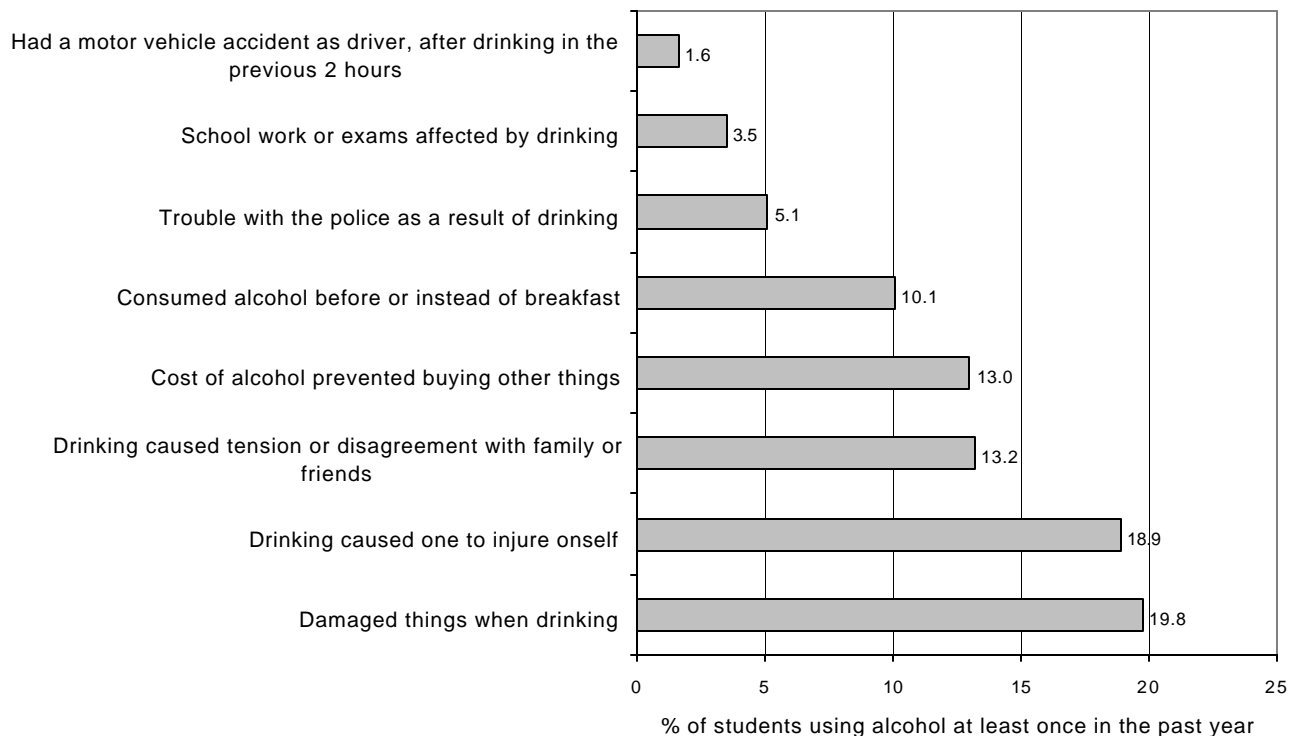


Alcohol Related Problem

Overall, among students who reported using alcohol in the 12 months before the survey:

- 42% of them reported having had at least one or more alcohol related problems.
- The most common alcohol related problems were damaged things when drinking (20%) and caused one to injure oneself (19%) (Table 14 of Appendix 3).

Students with Problems Related to Alcohol Use



« I want to stop drinking because it costs a lot of money and I don't want to begin having problems with myself, my family or others. »
Male, Grade 12

« I think that the Beer Age should be changed so that I don't have to steal from my parents or neighbours or anyone to get beer »
Male, Grade 7

« My alcohol use in minimal, about 2 or 3 times a year or so. »
Male, Grade 10

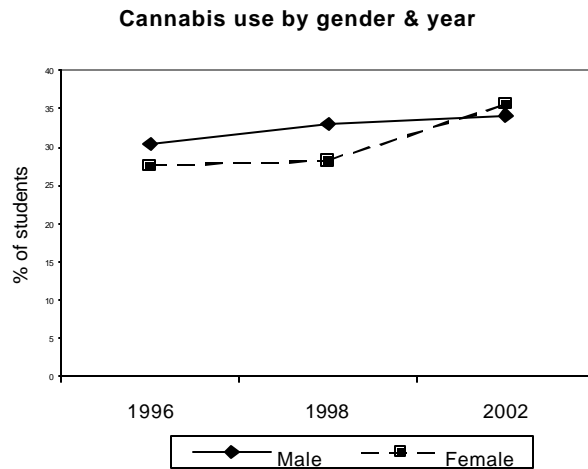
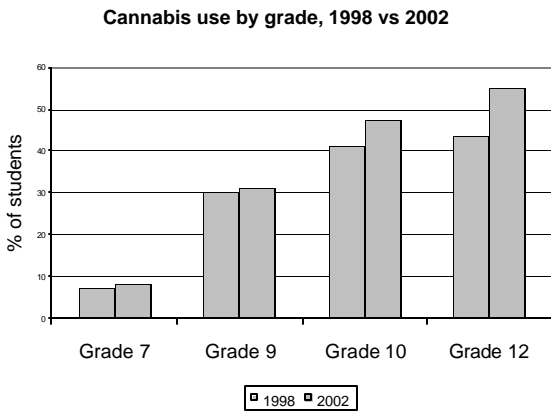
« I do not smoke, do drugs and I think that we shouldn't have more than 18 years of age to use alcohol. I think that a lot of people are responsible enough to drink. »
Male, Grade 9

« When I drink it's supervised by my older sister and mom and I only drink at home where I know it's safe. I don't drink often but my mother says if I'm going to drink anywhere it might as well be somewhere I feel safe ».
Female, Grade 12

CANNABIS

	Cannabis Use in 2002 Survey	Comparison with Previous Surveys
In General	<ul style="list-style-type: none"> - Overall, 35% reported any use of cannabis in the 12 months prior to the survey. - 17% were frequent users of cannabis 	<ul style="list-style-type: none"> - Cannabis use increased significantly compared to previous surveys. - The positive linear trend was also noted in other Maritime Provinces.
Gender	<ul style="list-style-type: none"> - Any use of cannabis was similar for males (34%) and females (36%). - More males (18%) than females (15%) were frequent users of cannabis. 	<ul style="list-style-type: none"> - The gap between male and female cannabis use has decreased more in 2002 than in previous surveys. - Female cannabis use increased significantly in 2002 compared to previous surveys
Grade	<ul style="list-style-type: none"> - Cannabis use increased with grade level: Grade 7: 8% Grade 9: 31% Grade10: 47% Grade12: 55% 	<ul style="list-style-type: none"> -Compared to 1998, the increase of cannabis use most likely occurred among students in higher grade levels.

(more details in Table 18 of Appendix 3)



Influence of Friends:

- Similar to alcohol, cannabis use was common if friends also used cannabis.
- 77% of students used cannabis if half or more of their friends also used cannabis.
- Only 2% of students used cannabis if none of their friends used it.

The information of cannabis use in the 30 days prior to the survey is presented in Table 19 of Appendix 3.

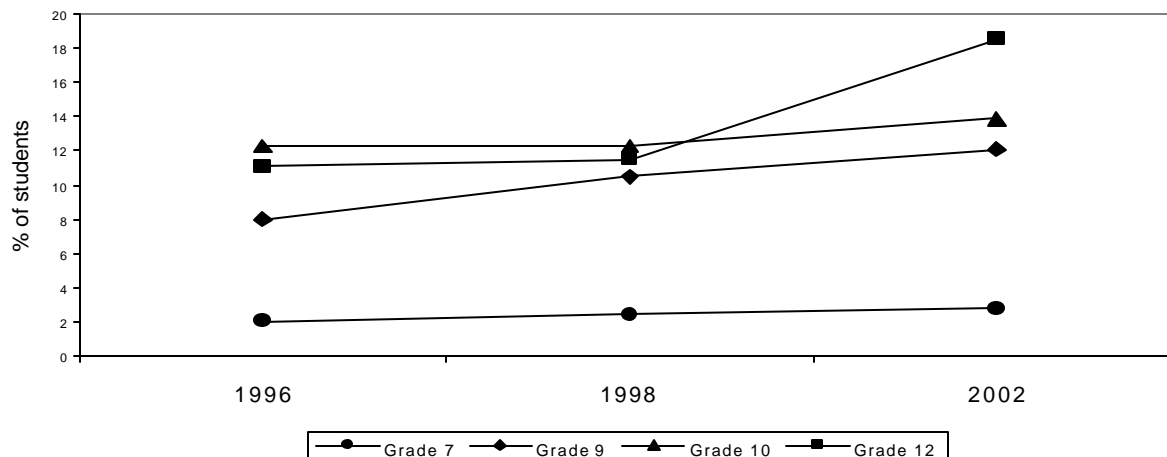
OTHER DRUGS

Psilocybin/Mescaline

	Psilocybin/Mescaline Use in 2002 Survey	Comparison with Previous Surveys
In General	- Overall, 12% reported using psilocybin/mescaline at least once in the 12 months prior to the survey	- The rates of psilocybin/mescaline use increased compared to previous surveys. - The trend was also noted in other Maritime Provinces.
Gender	- More males (13%) than females (10%) used these drugs.	- The gap between male and female psilocybin/mescaline use was similar to previous surveys.
Grade	- The use of psilocybin/mescaline was related to grade level: Grade 7: 3% Grade 9: 12% Grade10: 14% Grade12: 19%	- A notable increase in the use of psilocybin/mescaline was observed in grade 12 students.

(more detail in Table 20 of Appendix 3)

Use of Psilocybin/Mescaline by grade & year



« Drugs and alcohol are not that bad if used with moderation and in a really safe place. »

Female, Grade 10

« I do use drugs and alcohol but I made a deal with someone. The deal was if it gets out of control, I will get help »

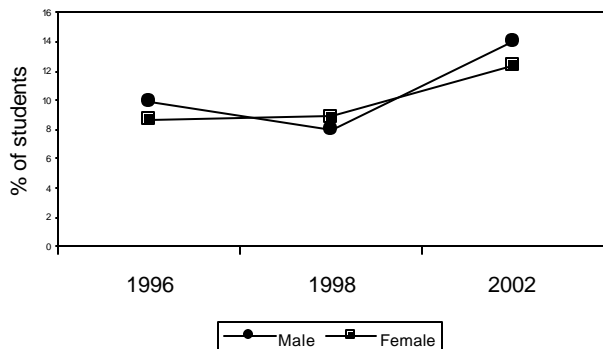
Male, Grade 9

***Stimulants (amphetamines and/or Ritalin non-medical use)**

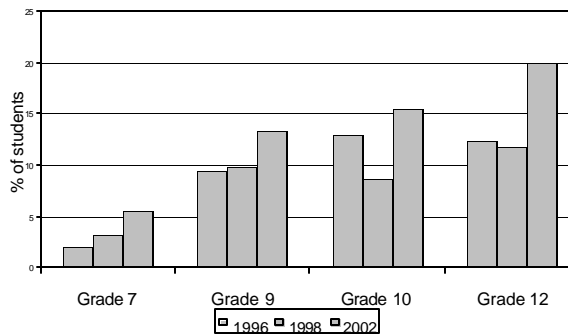
Stimulants Use (non-medical) in 2002 Survey		Comparison with Previous Surveys
In General	<ul style="list-style-type: none"> - 11% reported amphetamines use (non-medical) at least once in the 12 months prior to the survey. - 6% reported Ritalin use (non-medical) at least once in the 12 months prior to the survey. - Overall, 13% reported using either amphetamines and/or Ritalin (non-medical) at least once in the 12 months before the survey. 	- The non-medical use of stimulants showed a marked increase from previous surveys.
Gender	- Non-medical use of stimulants was similar in males (14%) and females (12%).	- Compared to 1998, the increased use of stimulants (non-medical) in males was much higher than in females.
Grade	Stimulant use (non-medical) was related to grade level: Grade 7: 6% Grade 9: 13% Grade10: 15% Grade12: 20%	- The use of stimulants (non-medical) decreased from 1996 to 1998 among students in higher grades, but it increased again in 2002.

* In 1996 & 1998, stimulants represented any use of Benzedrine, Dexedrine, Ritalin, Cylert, diet pills etc. In 2002, stimulants represented any use of Amphetamines and/or Ritalin. (more detail in Table 21 of Appendix 3)

Stimulants use by sex & year



Stimulants use by grade & year



In the 12 months before the survey:

- Overall, 5% of students reported using LSD, solvents or inhalants, and tranquillizers (non-medical use). (Tables 22-24 of Appendix 3)
- Less than 5% of students reported using cocaine/crack, steroids, PCP, heroin and Ecstasy.
- Less than 1% of students reported injection drug use. The detailed drug use information is presented in Table 1.

Multiple Drug Use:

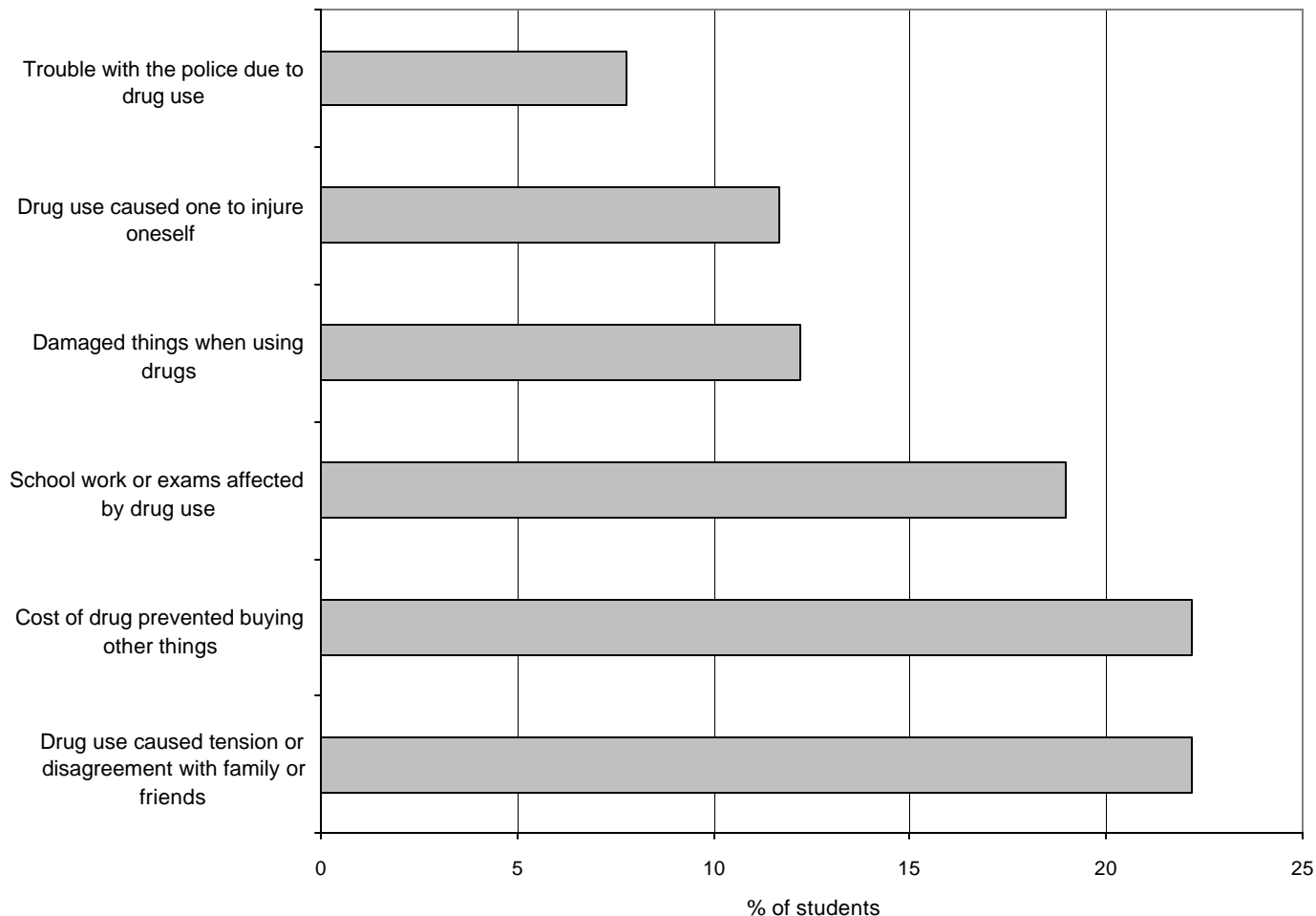
- 36% of students reported no drug use whatsoever.
- 3% of students reported using drugs other than alcohol, tobacco and cannabis.
- Alcohol, tobacco and cannabis were the most common drugs used in multiples. (Table 25 of Appendix 3)

Drug Related Problems

Among students who reported having used drugs (other than alcohol or tobacco) in the 12 months before the survey:

- 42% had at least one drug related problems.
- The most common drug related problems were drug use caused tension or disagreement with family or friends (22%) and the cost of drug prevented buying other things (22%) (Table 26 of Appendix 3).

Problems related to respondents' own drug use (not alcohol or tobacco), 2002



« In my opinion almost all teens smoke weed, and I feel that it is not harmful if not abused!! »
Female, Grade 12

« Recently, my sister has been caught smoking a joint and I felt afraid of her. She has been treating me really bad lately. She has been yelling at me lots and sometimes hitting me and my dad won't even talk to her about it. »
Female, Grade 7

« My father does drugs. Almost everybody knows. I just really hate what he's doing. He takes his anger out on me and my brother. »
Male, Grade 7

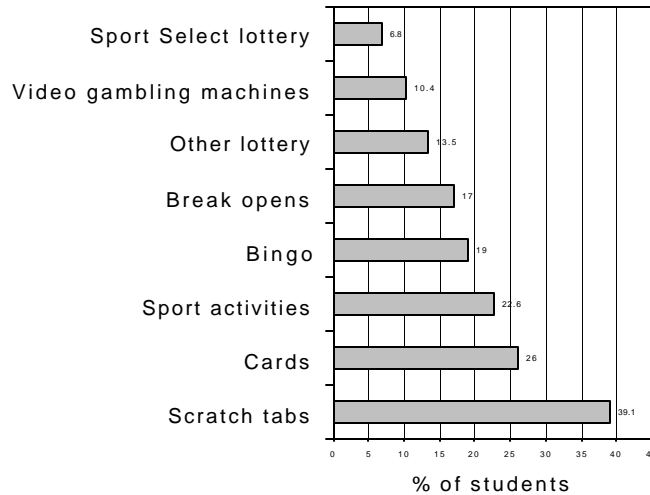
« It is not every student that use drugs that has problems home or at school. »
Female, Grade 12

GAMBLING

In the 12 months before the survey:

- Overall, 58% of students reported some gambling.
- 24% of students had gambled at least once a month.
- The most common forms of gambling were scratch tabs (39%), playing cards for money (26%) and betting on sports activities (23%). (Tables 27-28 of Appendix 3)

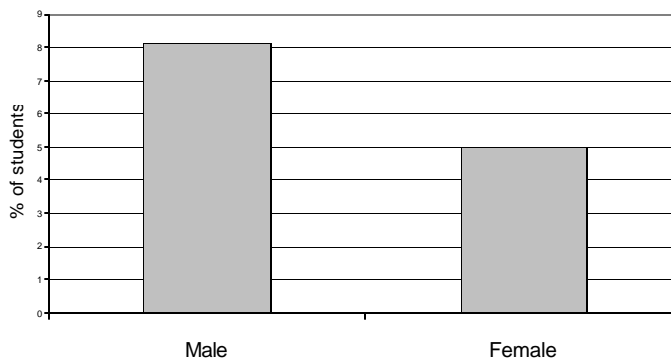
Gambling among students, 2002



Using Fake ID associated with gambling

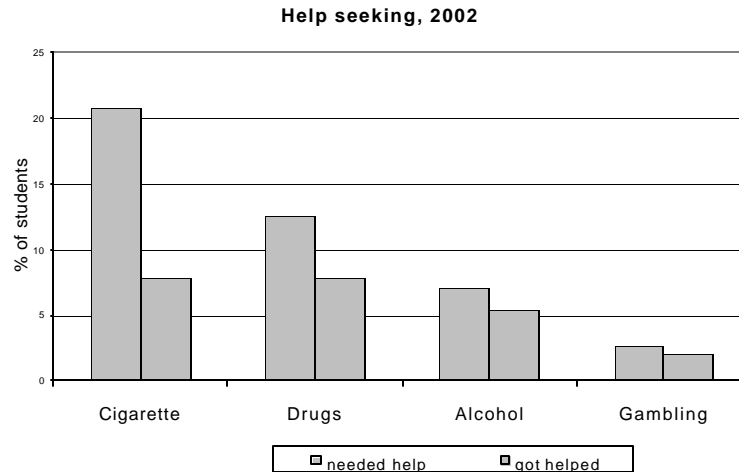
- Overall, 7% of students reported using a fake ID in the 12 months before the survey for lottery tickets, and 4% of students using a fake ID for video gambling machines.
- More males than females reported using a fake ID for gambling (Tables 29-30 of Appendix 3).

Using fake ID to buy lottery tickets by sex, 2002



HELP-SEEKING BEHAVIOR

- In the 12 months before the survey, the percentages of students who felt they needed help and who actually got help regarding cigarette smoking, alcohol, drugs and gambling is indicated in the following figure and also in Table 31 of Appendix 3.



« I quit smoking drugs 7 months ago. I'm very proud of myself for it, I quit cold turkey. When I did smoke pot, I smoked about 7 times a day or more. I smoked for 4 ½ yrs. I quit because it was making me dumb and I quit school 3 years in a row. »

Female, Grade 12

« My boyfriend uses drugs almost every day and I do them more when I'm around him. »

Female, Grade 10

« Gambling isn't a big thing for teens under 18. »

Female, Grade 9

« I am only 13 years old and I hang around with others who are sometimes 5-7 years older. I do not have friends younger than me, and I feel fine. I believe that when I drink or smoke, it just increases the fun. Lots of my friends feel this way to. »

Female, Grade 7

« Even though I use drugs often, I still do well in school. »

Female, Grade 10

« Pot should NEVER be legalized. It is the dumbest thing I have EVER heard in my entire life. I have all pot heads. »

Male, Grade 12

« No matter how much you try and tell kids not to take drugs/alcohol, they will do it anyway, over 50% of this school alone does drugs/alcohol, and it's not to fit in! »

Female, Grade 9

« I have puffed a cigarette in my life, but I regret it very much because it's bad for me, I got sick and I lost some friends. »

Male, Grade 7

« What I feel you should do is bring in some people as teenagers that been through this using drugs, etc. Then people will realize that it's wrong. »

Female, Grade 9

« Most people start doing drugs because of peer pressure or they just want to see what they're like and then they get hooked on them. »

Female, Grade 7

ALCOHOL, DRUGS AND SEXUAL BEHAVIOUR

In the 12 months before the survey:

- Overall, 38% of students in grades 9, 10, and 12 reported having sexual intercourse.
- Sexual activity increases with grade level (Table 32 of Appendix 3).
- More than half of the sexually active students (51%) engaged in unplanned sex; among that group, 55% were under the influence of alcohol or another drug. The information concerning unplanned sex under the influence of alcohol/drugs in the 12 months prior to the survey by grade is shown in Table 33.
- 38% did not use condom the last time that they engaged in sexual intercourse; among that group, 20% were either under the influence of alcohol, or other drugs, or their sexual partner was.

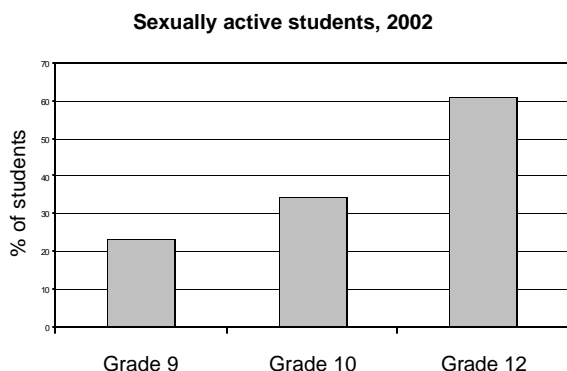


Table 33. Had sex without planning and under the influence of alcohol/drugs in the 12 months prior to the survey (%) among students in grades 9, 10 & 12, NB SDUS 2002

	Grade 9 %	Grade 10 %	Grade 12 %
Never	51.2	44.1	41.8
Once	30.8	31.7	27.5
Twice	8.7	12.1	14.0
Three or more time	9.4	12.2	16.8

« Why does everything focus on safe sex, drugs, alcohol. I know there are problems and that's why you focus but maybe if we focused on other things you'd get other things! Why don't we have talks on staying active, sports, health – not sex related! All these talks on condoms make us think about it. Do you want us to have sex as teens or something... »

Female, Grade 9

« You should put a place in schools to get free condoms. »

Male, Grade 10

« You should talk more about sex, now that almost everyone is doing it. »

Female, Grade 9

« I think that teachers should talk more to kids about this kind of stuff. They should talk about sexual activity because I find that kids our age don't know enough about it and how unsafe it can be. »

Female, Grade 10

« About the condoms – I get my condoms at a clinic. I think that place helps a lot of sexually active people... »

Female, Grade 12

« We should have more SEX TALKS at school, kids don't know enough!!! It's not safe, we should know everything! »

Female, Grade 10

SCHOOL DRUG EDUCATION AND POLICY

Students were asked how many classes on tobacco, alcohol, drugs and decision-making they had during the school year. Some of the results were as follows:

A greater proportion of students in grades 7 or 9 (72%) than those in grades 10 or 12 (56%) reported having received tobacco, alcohol and drug education during the school year. A greater proportion of students in grades 7 or 9 (74%) than those in grades 10 or 12 (52%) reported having received education on decision making during the school year (Table 34 of Appendix 2).

Students were also asked whether their school had rules against alcohol use on school property. In 2002, 84% of students in grades 7, 9, 10 and 12 indicated that their school had a policy against alcohol use, 4% reported that their school did not, and 12% did not know.

Regarding smoking on school property, 53% of students in grades 7, 9, 10 and 12 indicated that their school had a policy against smoking, 36% reported that their school did not, and 12% did not know.

« I think that weed should be legal because it does nothing health wise. »

Male, Grade 9

« Schools should not promote smoking by having a section for smokers! »

Male, Grade 9

« In my school, everyday there is a large amount of students selling drugs and smoking them on school grounds, myself included. »

Female, Grade 9

« I feel that students in grades 7-8 need much more sexual education. Also, drug classes would help students to understand their negative effects. Sexual education classes would help us learn how to prevent diseases such as HIV or Aids. Sex happens and we kids need to talk to somebody about it. »

Female, Grade 7

« Kids just need to find themselves. Smoke weed/hash everyday does not affect schoolwork. Weed should be legalized over alcohol, it doesn't create accidents... »

Female, Grade 12

« Our principal smokes on school property. And she tells the other kids not to. »

« I personally think that at my school we should be educated more on how drugs and alcohol affects our decision making. Nobody really knows what affects it can have on you. »

Female, Grade 12

« I have never even thought about doing drugs because last year we took the D.A.R.E. course and I learned so much that if you did drugs after taking that course you would have been stupid. I think they should do that course for every school. »

Female, Grade 7

« Legalize pot and get over with it. It won't seem so appealing to kids if it is legal. We just like to break the rules. »

Male, Grade 12

« I think that smoking on school property should be banded because there are kids like the age of 12 smoking! »

Female, Grade 9

« Our school must have addiction classes explaining the effects of drugs and alcohol, so as to scare them away from it. »

Male, Grade 7

STUDENT COMMENTS IN THE OPEN QUESTION

Some comments on the optional open-ended question are presented in this report. The comments showed insights of adolescent students' experiences, opinions and concerns regarding alcohol, tobacco, other drug use and gambling. Table 35 shows a summary of these comments by gender and grade.

Table 35. Summary of student comments by sex and grade, NB SDUS 2002

		Total Comments	Reflective Comments
# comments		474 (12% of students surveyed)	162 (4% of students surveyed)
Comments by gender:	M	49%	38%
	F	51%	62%
Comments by grade:	Grade 7	24%	19%
	Grade 9	24%	30%
	Grade 10	24%	22%
	Grade 12	28%	29%

« After completing this survey, it made me realize even more what a great life I have and that I have ahead of me. I am proud not to be doing any of the bad things in this survey! »

Female, Grade 7

« I don't think we shouldn't be allowed smoking, it is our decision on what we do and if we want to do it we are going to do it with or without permission. This survey was very interesting. »

Female, Grade 10

« I agree that alcohol is bad but I think that pot is nothing bad for you, it's never hurt me a day in my life. »

Female, Grade 10

« I would just like to tell you that I smoke, drink and do drugs, but the survey didn't really ask specific questions about how often I do so. Well they did about drinking and smoking. But I just wanted to tell you that I smoke weed everyday at least 3 times a day. All in all it was a fun survey. »

Female, Grade 9

« I think that this survey is a little far fetched, I do not know of one person in my entire school who has a gambling problem, and all the times I smoked weed were in the summer not during school, and I only drink at parties. So I'm pretty much just your average girl. I don't have a problem, and personally now I think that drugs are stupid. »

Female, Grade 9

« I do not gamble badly, I do enter hockey pools and play scratch tabs when my parents buy them for me. »

Male, Grade 7

« Although I'm not on prescribed Ritalin, 2 of my siblings are and we found pills missing from one of the bottles and one of my siblings is suspected of selling them. »

Female, Grade 10

« I think you should ask kids how often they use or go to school on drugs or alcohol, because I think you will have a good result. »

Female, Grade 12

DRUG USE IN THE ATLANTIC PROVINCES

Overall, the scope of alcohol and other drug use among adolescent students in NB was very similar to NS. In most situations the use of alcohol and other drugs was less common among adolescent students in PEI than in NB and NS.

As in previous surveys, the majority of students in grades 7, 9, 10 and 12 in these three provinces reported having consumed alcohol. The proportion of adolescent students reporting alcohol consumption was similar in the three provinces and was relatively stable compared to previous surveys; however, the proportion of adolescent students reporting cigarette smoking had notably decreased. The results among the three provinces were comparable. (Table 36)

Table 36. Proportions of grades 7,9,10 & 12 students reporting drug use (%) in the Maritime Provinces, NB SDUS 2002.

Substances	Percentage Use					
	NB		NS		PEI	
	%	95 CI	%	95 CI	%	95 CI
Alcohol	53.2	51.1 - 55.3	51.7	49.8 - 53.6	48.2	45.2 - 52.2
Cigarette	20.7	18.9 - 22.5	23.2	21.4 - 25.0	18.2	16.3 - 20.1
Cannabis	34.9	32.9 - 37.0	36.5	34.7 - 38.3	23.7	21.4 - 26.0
LSD	5.2	4.3 - 6.0	5.5	4.7 - 6.3	3.5	2.7 - 4.3
Solvents or Inhalants	5.3	4.6 - 6.1	4.9	4.1 - 5.7	5.8	4.8 - 6.8
Psilocybin/Mescaline	11.7	10.4 - 12.9	12.2	11.0 - 13.4	6.3	5.1 - 7.5
Tranquilizers, Non-Medical use	5.0	4.3 - 5.7	4.7	4.1 - 5.3	3.7	2.8 - 4.6
Cocaine/Crack	3.6	2.9 - 4.3	3.9	3.2 - 4.6	2.4	1.8 - 3.0
Steroids	2.8	2.2 - 3.4	2.7	2.2 - 3.2	2.8	2.1 - 3.5
PCP	3.9	3.2 - 4.6	3.2	2.6 - 3.8	1.5	1.0 - 2.0
Heroin	1.9	1.5 - 2.3	1.6	1.2 - 2.0	1.7	1.1 - 2.3
Ecstasy	4.0	3.4 - 4.7	4.4	3.7 - 5.1	3.2	2.4 - 4.0
Amphetamines, Non-Medical Use	11.0	9.8 - 12.1	9.3	8.2 - 10.4	6.2	5.0 - 7.4
Ritalin, Non-Medical Use	5.8	4.9 - 6.7	7.5	6.5 - 8.5	6.3	5.1 - 7.5

Regarding cannabis use, the proportion of adolescent students reporting cannabis use increased in NB from 31% in 1998 to 35% in 2002, while the proportion of cannabis use increased to a lesser extent between surveys in NS (38% vs. 37%) and in PEI (22% vs. 24%).

The differences among the three provinces, regarding other drug use, were not significant, except that more students in NB and NS reported LSD, Psilocybin/Mescaline, PCP, and Amphetamines use (non-medical) than in PEI. Compared to the 1998 survey, all three provinces had a marked decrease in the reporting of LSD use, especially in NB and NS. In both NB and NS, the reported LSD use dropped to less than 6% from above 10% in the last survey.

The underlying causes of similarities and differences in the prevalence of alcohol, tobacco and other drug use among adolescents in the three provinces are not known. However, this information may be useful as a baseline against which comparison can be made after the implementation of drug prevention and education initiatives.

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APPENDIX 1

2002 Student Drug Use Questionnaire

STUDENT DRUG USE SURVEY

This questionnaire asks what you know and feel about alcohol, tobacco and other drugs, and whether you use any of these drugs. The information you give us will be used to improve drug education for students. It is important that you answer each question as honestly as possible. This is not a test — there are no right or wrong answers.

DO NOT PUT YOUR NAME ON THE QUESTION BOOKLET.

DO NOT PUT YOUR NAME ON THE BROWN ENVELOPE.

Your answers will not be shown to your parents or teachers. No information about individual students will appear in the research reports. There is no way your answer sheet can be traced back to you.

Your participation is voluntary. You do not have to participate if you do not want to. You may skip any questions with which you are not comfortable. There is no direct benefit to students who participate in the survey.

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<p>1. What are the first three digits of the postal code where you live? _____</p> <p>2. Are you male or female? <input type="radio"/> male <input type="radio"/> female</p> <p>3. What grade are you in? <input type="radio"/> grade 6 <input type="radio"/> grade 10 / level I <input type="radio"/> grade 7 <input type="radio"/> grade 11 / level II <input type="radio"/> grade 8 <input type="radio"/> grade 12 / level III <input type="radio"/> grade 9</p> <p>4. How old are you? <input type="radio"/> 10 years or younger <input type="radio"/> 15 years <input type="radio"/> 11 years <input type="radio"/> 16 years <input type="radio"/> 12 years <input type="radio"/> 17 years <input type="radio"/> 13 years <input type="radio"/> 18 years <input type="radio"/> 14 years <input type="radio"/> 19 years or older</p> <p>5. So far in this school year, what is your average on all your courses at school? <input type="radio"/> 80% or higher <input type="radio"/> 50% – 59% <input type="radio"/> 70% – 79% <input type="radio"/> Below 50% <input type="radio"/> 60% – 69% <input type="radio"/> I do not know</p> <p>6. Who are you living with now? <input type="radio"/> mother and father <input type="radio"/> mother <input type="radio"/> father <input type="radio"/> mother and step-father <input type="radio"/> father and step-mother <input type="radio"/> I live alone or with friends (independent living) <input type="radio"/> Other (please state) _____</p> <p>7. What is the highest level of education that your mother has attained? <input type="radio"/> Graduated university <input type="radio"/> Attended university <input type="radio"/> Graduated college or trade school <input type="radio"/> Attended college or trade school <input type="radio"/> Graduated high school <input type="radio"/> Attended high school <input type="radio"/> Did not attend high school <input type="radio"/> Don't know <input type="radio"/> No mother</p> <p>8. How well off do you think your family is? <input type="radio"/> Very well off <input type="radio"/> Not very well off <input type="radio"/> Quite well off <input type="radio"/> Not at all well off <input type="radio"/> Average</p> <p>9. Do you have your own bedroom for yourself? <input type="radio"/> Yes <input type="radio"/> No</p>	<p>10. Does your family have an Internet connection at home? <input type="radio"/> Yes, my family has an Internet connection at home. <input type="radio"/> No, my family does not have an Internet connection but we do have a computer at home. <input type="radio"/> No, my family does not have a computer at home.</p> <p>11. Not everyone expects to stay in school as long as they would like. How likely is it that you will stay in school until you graduate? <input type="radio"/> It is not at all likely that I will graduate <input type="radio"/> It is not very likely that I will graduate <input type="radio"/> It is fairly likely that I will graduate <input type="radio"/> It is very likely that I will graduate</p> <p>12. In general, would you say your health is... <input type="radio"/> excellent? <input type="radio"/> fair? <input type="radio"/> very good? <input type="radio"/> poor? <input type="radio"/> good?</p> <p>13. How long have you had a license to drive a car or a motorcycle? <input type="radio"/> I do not have a license to drive <input type="radio"/> I have a beginner's license or a temporary license <input type="radio"/> I have had a license less than one year <input type="radio"/> I have had a license one to two years <input type="radio"/> Three years or more</p> <p>14. In the <u>past 12 months</u>, have you been in a motor vehicle accident with YOU as the driver? <input type="radio"/> Yes <input type="radio"/> No</p> <p>15. How many of your friends use TOBACCO? <input type="radio"/> None <input type="radio"/> More than half <input type="radio"/> A few <input type="radio"/> All <input type="radio"/> About half</p> <p>16. How many of your friends use ALCOHOL? <input type="radio"/> None <input type="radio"/> More than half <input type="radio"/> A few <input type="radio"/> All <input type="radio"/> About half</p> <p>17. How many of your friends use CANNABIS (Marijuana, grass, weed, pot, hash, hash oil)? <input type="radio"/> None <input type="radio"/> More than half <input type="radio"/> A few <input type="radio"/> All <input type="radio"/> About half</p> <p>18. In the <u>past 12 months</u> how often have you been to a rave? <input type="radio"/> I do not know what a rave is <input type="radio"/> 2 times <input type="radio"/> Never <input type="radio"/> 3 or more times <input type="radio"/> Once</p>
--	---

19. How old were you when you smoked your first whole cigarette?

- A I have never smoked a whole cigarette
 B 10 years or younger
 C 11 years
 D 12 years
 E 13 years
 F 14 years
 G 15 years
 H 16 years
 I 17 years
 J 18 years
 K 19 years or older

20. In the past 12 months, how many cigarettes did you usually smoke per day?

- A I have never smoked
 B I did not smoke cigarettes in the past 12 months
 C I tried one cigarette in the past 12 months
 D I had less than one cigarette a day
 E I had 1 or 2 cigarettes a day
 F 3 to 5 cigarettes a day
 G 6 to 10 cigarettes a day
 H 11 to 15 cigarettes a day
 I 16 to 20 cigarettes a day
 J More than 20 cigarettes a day

21. Have you smoked 100 or more cigarettes in your life?

- A Yes
 B No
 C I don't know

22. Have you tried to quit smoking in the past 6 months?

- A Yes
 B No
 C I have never smoked or I have only smoked a few times

23. In the past 12 months, have you smoked cigars, or tobacco in a pipe?

- A Yes
 B No

24. In the past 12 months, have you used chewing tobacco?

- A Yes
 B No

25. When (if ever) did you first drink alcohol?

- A grade 4 or before
 B grade 5
 C grade 6
 D grade 7
 E grade 8
 F grade 9
 G grade 10 / level I
 H grade 11 / level II
 I grade 12 / level III
 J I have never drunk alcohol

26. In the past 12 months, how often did you drink alcohol - beer, wine, coolers, or hard liquor (rum, whisky, vodka, gin, etc.)?

- A Not at all
 B Just a sip
 C Once a month or less often
 D Two or three times a month
 E Once a week
 F Twice a week
 G Three times a week
 H Four or five times a week
 I Almost every day - six or more times a week

27. In the past 12 months, has drinking affected your school work or exams so that you did not do as well as you could?

- A Yes
 B No
 C I do not drink alcohol

28. In the past 12 months, has your drinking caused tension or disagreement with family or friends?

- A Yes
 B No
 C I do not drink alcohol

29. In the past 12 months, have you been in trouble with the police as a result of your drinking?

- A Yes
 B No
 C I do not drink alcohol

30. In the past 12 months, has the cost of alcohol caused you to give up buying other things?

- A Yes
 B No
 C I do not drink alcohol

31. In the past 12 months, have you consumed alcohol before or instead of breakfast?

- A Yes
 B No
 C I do not drink alcohol

32. In the past 12 months, when drinking, have you damaged things?

- A Yes
 B No
 C I do not drink alcohol

33. In the past 12 months, has your drinking caused you to injure yourself?

- A Yes
 B No
 C I do not drink alcohol

34. In the past 12 months, how often have you been drinking in a bar, tavern, beverage room or lounge?

- A Never
 B Once
 C Twice
 D Three or more times
 E I do not drink alcohol

35. In the past 12 months, have you used fake identification or lied about your age in order to get alcohol?
 A Yes B No C I do not use alcohol
- buy cigarettes?
 A Yes B No C I do not smoke cigarettes
- buy lottery tickets, scratch tabs or break-opens?
 A Yes B No C I do not buy lottery tickets, scratch tabs or break-opens
- play video gambling machines?
 A Yes B No C I do not play video gambling machines
36. In the past 12 months, how often have YOU driven a motor vehicle within an hour of drinking two or more drinks of alcohol?
 A Never
 B Once
 C Twice
 D Three or more times
 E I do not drink alcohol / I do not drive
37. In the past 12 months, have you been in a motor vehicle accident with YOU as the driver, after drinking in the two previous hours?
 A Yes B No C I do not drink alcohol / I do not drive
38. In the past 12 months, how often were you a PASSENGER in a vehicle with a driver who had too much to drink?
 A Never
 B Once
 C Twice
 D Three or more times
39. In the past 12 months, how often did you use CANNABIS (marijuana, grass, weed, pot, hash, hash oil)?
 A I do not know what cannabis is
 B I have never used cannabis
 C I did not use cannabis in the past 12 months
 D One time
 E Two times
 F Three or four times
 G Five to eight times
 H Nine to 12 times (about once a month)
 I Thirteen to 26 times (about twice a month)
 J Twenty-seven or more times (more than twice a month)
40. In the past 12 months, did you sniff substances such as SOLVENTS or GLUE in order to get high?
 A I do not know what these substances are
 B Not at all
 C One time
 D Two times
 E Three or four times
 F Five to eight times
 G Nine to 12 times (about once a month)
 H Thirteen to 26 times (about twice a month)
 I Twenty-seven or more times (more than twice a month)
41. In the past 12 months, have you taken TRANQUILIZERS (Valium®, Librium®, Serax®, Tranqs, 5s, 10s) without a prescription or without a doctor telling you to take them?
 A I do not know what tranquilizers are
 B Not at all
 C One time
 D Two times
 E Three or four times
 F Five to eight times
 G Nine to 12 times (about once a month)
 H Thirteen to 26 times (about twice a month)
 I Twenty-seven or more times (more than twice a month)
42. In the past 12 months, have you used LSD (acid, cid)?
 A I do not know what LSD is
 B Not at all
 C One time
 D Two times
 E Three or four times
 F Five to eight times
 G Nine to 12 times (about once a month)
 H Thirteen to 26 times (about twice a month)
 I Twenty-seven or more times (more than twice a month)
43. In the past 12 months, have you used PCP (Angel Dust, Dust, Horse Tranquilizer)?
 A I do not know what PCP is
 B Not at all
 C One time
 D Two times
 E Three or four times
 F Five to eight times
 G Nine to 12 times (about once a month)
 H Thirteen to 26 times (about twice a month)
 I Twenty-seven or more times (more than twice a month)

44. In the past 12 months, have you used PSILOCYBIN (Magic Mushrooms, Shrooms) or Mescaline (Mesc)?
- A I do not know what psilocybin and mescaline are
 - B Not at all
 - C One time
 - D Two times
 - E Three or four times
 - F Five to eight times
 - G Nine to 12 times (about once a month)
 - H Thirteen to 26 times (about twice a month)
 - I Twenty-seven or more times (more than twice a month)

45. In the past 12 months, have you taken QUABALINE (quabs, zippers)?
- A I do not know what quabaline is
 - B Not at all
 - C One time
 - D Two times
 - E Three or four times
 - F Five to eight times
 - G Nine to 12 times (about once a month)
 - H Thirteen to 26 times (about twice a month)
 - I Twenty-seven or more times (more than twice a month)

46. In the past 12 months, have you taken HEROIN (H, junk, or Smack)?
- A I do not know what heroin is
 - B Not at all
 - C One time
 - D Two times
 - E Three or four times
 - F Five to eight times
 - G Nine to 12 times (about once a month)
 - H Thirteen to 26 times (about twice a month)
 - I Twenty-seven or more times (more than twice a month)

47. In the past 12 months, have you used COCAINE or CRACK COCAINE (snow, coke, rock)?
- A I do not know what cocaine is
 - B Not at all
 - C One time
 - D Two times
 - E Three or four times
 - F Five to eight times
 - G Nine to 12 times (about once a month)
 - H Thirteen to 26 times (about twice a month)
 - I Twenty-seven or more times (more than twice a month)

48. In the past 12 months, have you used MDMA or ECSTASY?
- A I do not know what MDMA or Ecstasy are
 - B Not at all
 - C One time
 - D Two times
 - E Three or four times
 - F Five to eight times
 - G Nine to 12 times (about once a month)
 - H Thirteen to 26 times (about twice a month)
 - I Twenty-seven or more times (more than twice a month)

49. In the past 12 months, have you taken AMPHETAMINE (Dexedrine®, bennies, pep pills, speed) without a prescription or without a doctor telling you to do so?
- A I do not know what amphetamine is
 - B Not at all
 - C One time
 - D Two times
 - E Three or four times
 - F Five to eight times
 - G Nine to 12 times (about once a month)
 - H Thirteen to 26 times (about twice a month)
 - I Twenty-seven or more times (more than twice a month)

50. In the past 12 months, have you taken RITALIN® (methylphenidate) without a prescription or without a doctor telling you to do so?
- A I do not know what Ritalin is
 - B Not at all
 - C One time
 - D Two times
 - E Three or four times
 - F Five to eight times
 - G Nine to 12 times (about once a month)
 - H Thirteen to 26 times (about twice a month)
 - I Twenty-seven or more times (more than twice a month)

51. In the past 12 months, have you taken STEROIDS (such as body builders, testosterone, dianabol, growth hormones, or "roids") to increase your performance in a sport or activity or to change your physical appearance?
- A I do not know what steroids are
 - B Not at all
 - C One time
 - D Two times
 - E Three or four times
 - F Five to eight times
 - G Nine to 12 times (about once a month)
 - H Thirteen to 26 times (about twice a month)
 - I Twenty-seven or more times (more than twice a month)

52. In the past 12 months, have you used a drug by injection or needles for a medical reason (for example, insulin for diabetes)?

- Yes No

53. In the past 12 months, have you used heroin, speed, cocaine or LSD, by injection or needles?

- I used one or more of these drugs by injection
 I used one or more of these drugs, but not by injection
 I did not use these drugs at all

54. In the past 12 months, have you injected steroids?

- Yes No

55. In the past 12 months, have you shared needles or syringes with others?

- Yes No

56. In the past 12 months, has your drug use (other than alcohol) affected your school work or exams so that you did not do as well as you could?

- Yes No I do not use drugs

57. In the past 12 months, has your drug use (other than alcohol) caused tension or disagreement with family or friends?

- Yes No I do not use drugs

58. In the past 12 months, have you been in trouble with the police as a result of your drug use (other than alcohol)?

- Yes No I do not use drugs

59. In the past 12 months, has the cost of drugs (other than alcohol) caused you to give up buying other things?

- Yes No I do not use drugs

60. In the past 12 months, have you damaged things as a result of your drug use (other than alcohol)?

- Yes No I do not use drugs

61. In the past 12 months, has your drug use (other than alcohol) caused you to injure yourself?

- Yes No I do not use drugs

62. In the past 12 months, how many times have YOU driven a motor vehicle within an hour of using cannabis?

- Never
 Once
 Twice
 Three or more times
 I do not use cannabis / I do not drive

Next, we would like to know about the **PAST 30 DAYS**. Please make sure you think about the **PAST 30 DAYS** when you answer the next 10 questions.

63. In the past 30 days, how many times has drinking alcohol made you drunk (that is, you had so much to drink that you threw up or you lost control of your actions)?

- I did not drink alcohol at all in the past 30 days
 I have not been drunk in the past 30 days
 I was drunk once in the past 30 days
 I was drunk twice in the past 30 days
 I was drunk three times in the past 30 days
 I was drunk four times in the past 30 days
 I was drunk five or more times in the past 30 days

For question #64, ONE DRINK means

- 1 bottle of beer (about 340 ml)
OR 1 glass of wine (about 120 ml)
OR 1 shot glass of liquor (about 40 ml)

64. In the past 30 days, how many times have you had five or more drinks of alcohol on the same occasion?

- I did not drink alcohol at all in the past 30 days
 I have not had five or more drinks of alcohol on the same occasion in the past 30 days
 Once, I had five or more drinks of alcohol on the same occasion in the past 30 days
 Twice
 Three times
 Four times
 Five or more times

65. In the past 30 days, on the days you smoked, how many CIGARETTES did you smoke per day?

- I did not smoke cigarettes in the past 30 days
 Less than one cigarette per day
 1 cigarette per day
 2 to 5 cigarettes per day
 6 to 10 cigarettes per day
 11 to 20 cigarettes per day
 More than 20 cigarettes per day

66. In the past 30 days, how often did you use CANNABIS (marijuana, grass, weed, pot, hash, hash oil)?
- A Not at all during the month
 - B Less than every week
 - C Every week or almost every week
 - D Every day or almost every day
67. In the past 30 days, how often did you usually take Dexedrine® (amphetamine) as prescribed for you by your doctor?
- A I am not on prescribed Dexedrine
 - B In the past 30 days, I took prescribed Dexedrine once a day
 - C In the past 30 days, I took prescribed Dexedrine twice a day
 - D In the past 30 days, I took prescribed Dexedrine three times a day
 - E In the past 30 days, I took prescribed Dexedrine four times a day
68. In the past 30 days, how often did you usually take Ritalin® (methylphenidate) as prescribed for you by your doctor?
- A I am not on prescribed Ritalin
 - B In the past 30 days, I took prescribed Ritalin once a day
 - C In the past 30 days, I took prescribed Ritalin twice a day
 - D In the past 30 days, I took prescribed Ritalin three times a day
 - E In the past 30 days, I took prescribed Ritalin four times a day
69. In the past 30 days, did you give any of your prescribed Ritalin® pills to friends?
- A I am not on prescribed Ritalin
 - B No, I did not give away any of my prescribed Ritalin pills
 - C Yes, I gave away 1 or 2 of my pills
 - D Yes, I gave away 3 or 4 of my pills
 - E Yes, I gave away 5 or more of my pills
70. In the past 30 days, did you sell any of your prescribed Ritalin® pills?
- A I am not on prescribed Ritalin
 - B No, I did not sell any of my prescribed Ritalin pills
 - C Yes, I sold 1 or 2 of my pills
 - D Yes, I sold 3 or 4 of my pills
 - E Yes, I sold 5 or more of my pills
71. In the past 30 days, were any of your prescribed Ritalin® pills taken away from you against your will, by force or threats?
- A Yes
 - B No
 - C I am not on prescribed Ritalin
72. In the past 30 days, were any of your prescribed Ritalin® pills stolen from you?
- A Yes
 - B No
 - C I am not on prescribed Ritalin

The next section asks about some of your decisions concerning sexual behaviour and alcohol use. Sexual intercourse means either vaginal or anal sex. You may skip the questions with which you are not comfortable.

73. In the past 12 months, have you had sexual intercourse?
- A Yes
 - B No

If you did NOT have sexual intercourse in the PAST 12 MONTHS, GO TO question #79.

If you DID have sexual intercourse in the PAST 12 MONTHS, we would like to know about some of your decisions, and ask that you answer #74 to #78 inclusive.

74. In the past 12 months, have you had sexual intercourse when you did not plan to?
- A Yes
 - B No

IF YOU ANSWERED YES:

75. Was this when you were under the influence of alcohol or other drug?
- A Never
 - B Once
 - C Twice
 - D Three or more times

76. In the past 12 months, with how many persons have you had sexual intercourse?
- A One person
 - B Two persons
 - C Three or more persons

77. The LAST TIME you had sexual intercourse, did either you or your partner use a condom?
- A Yes
 - B No

78. If you did NOT use a condom the LAST TIME you had sexual intercourse, what kept you from doing so?

I did not have a condom at the time

- A Yes
- B No
- C I used a condom the last time I had intercourse

I was embarrassed to buy them

- A Yes
- B No
- C I used a condom the last time I had intercourse

I did not have money to buy condoms

- A Yes
- B No
- C I used a condom the last time I had intercourse

I was under the influence of alcohol or other drug

- Yes No I used a condom the last time I had intercourse

My sexual partner was under the influence of alcohol or other drug

- Yes No I used a condom the last time I had intercourse

My sexual partner would not use them

- Yes No I used a condom the last time I had intercourse

Condoms interfere with sex

- Yes No I used a condom the last time I had intercourse

Other reason (please state)

The next section asks about gambling.

79. In the past 12 months, how often have you done the following:

Played cards for money

- Never Monthly Daily
 Less than monthly Weekly

Played bingo for money

- Never Monthly Daily
 Less than monthly Weekly

Bet on sports activities

- Never Monthly Daily
 Less than monthly Weekly

Played Sports Select lottery

- Never Monthly Daily
 Less than monthly Weekly

Played a lottery other than Sports Select

- Never Monthly Daily
 Less than monthly Weekly

Played any video gambling machines

- Never Monthly Daily
 Less than monthly Weekly

Played scratch tabs

- Never Monthly Daily
 Less than monthly Weekly

Played break-opens

- Never Monthly Daily
 Less than monthly Weekly

80. In the past 12 months, how often have you gone back another day to try to win back the money you lost?

- Every time Never
 Most of the time I do not gamble
 Some of the time

81. In the past 12 months when you were betting, have you told others you were winning money when you really weren't winning?

- Yes No I do not gamble

82. In the past 12 months, has your betting money caused any problems for you such as arguments with family and friends, or problems at school or work?

- Yes No I do not gamble

83. In the past 12 months, have you gambled more than you had planned to?

- Yes No I do not gamble

84. In the past 12 months, has anyone criticized your betting or told you that you had a gambling problem, regardless of whether you thought it was true or not?

- Yes No I do not gamble

85. In the past 12 months, have you felt bad about the amount you bet, or about what happens when you bet money?

- Yes No I do not gamble

86. In the past 12 months, have you felt that you would like to stop betting money but didn't think you could?

- Yes No I do not gamble

87. In the past 12 months, have you hidden from family or friends any betting slips, I.O.U.s, lottery tickets, money that you've won, or other signs of gambling?

- Yes No I do not gamble

88. In the past 12 months, have you had money arguments with family or friends that centered on gambling?

- Yes No I do not gamble

89. In the past 12 months, have you borrowed money to bet and not paid it back?

- Yes No I do not gamble

90. In the past 12 months, have you skipped or been absent from school or work due to betting activities?

- Yes No I do not gamble

91. In the past 12 months, have you borrowed money or stolen something in order to bet or to cover gambling debts?

- Yes No I do not gamble

The next section asks about help-seeking.

92. In the past 12 months, have you felt you needed help for your alcohol use?

- Yes No I do not use alcohol

cigarette smoking?

- Yes No I do not smoke cigarettes

other drug use?

- Yes No I do not use other drugs

gambling?

- Yes No I do not gamble

93. In the past 12 months, have you used any services or received help to deal with your alcohol use?

- Yes No I do not use alcohol

cigarette smoking?

- Yes No I do not smoke cigarettes

other drug use?

- Yes No I do not use other drugs

gambling?

- Yes No I do not gamble

94. Below is a list of statements that describe some of the feelings and behaviour of young people.

For the next 7 statements, please mark the response that best describes you NOW or within the PAST 6 MONTHS. Please mark ONLY ONE of the 3 responses for each statement.

I can't sit still, I am restless.

- Never or Not true Often or Very true
 Sometimes or Somewhat true

I am easily distracted. I have trouble sticking to any activity.

- Never or Not true Often or Very true
 Sometimes or Somewhat true

I fidget.

- Never or Not true Often or Very true
 Sometimes or Somewhat true

I can't concentrate, I can't pay attention.

- Never or Not true Often or Very true
 Sometimes or Somewhat true

I am impulsive, I act without thinking.

- Never or Not true Often or Very true
 Sometimes or Somewhat true

I have difficulty waiting my turn in games or group activities.

- Never or Not true Often or Very true
 Sometimes or Somewhat true

I cannot settle to anything for more than a few moments.

- Never or Not true Often or Very true
 Sometimes or Somewhat true

95. For the next 12 statements, please think about the PAST 7 DAYS. How often have you felt or behaved this way in the PAST 7 DAYS?

I did not feel like eating; my appetite was poor.

- Never or rarely Often
 Sometimes Always

I felt like I could not shake off the blues even with help from my family or friends.

- Never or rarely Often
 Sometimes Always

I had trouble keeping my mind on what I was doing.

- Never or rarely Often
 Sometimes Always

I felt depressed.

- Never or rarely Often
 Sometimes Always

I felt like I was too tired to do things.

- Never or rarely Often
 Sometimes Always

I felt hopeful about the future.

- Never or rarely Often
 Sometimes Always

My sleep was restless.

- Never or rarely Often
 Sometimes Always

I was happy.

- Never or rarely Often
 Sometimes Always

INSTRUCTIONS

ADDITIONAL INFORMATION

PLEASE DO NOT WRITE IN THIS AREA

◆ 12 ◆

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APPENDIX 2

Census, Sample, Participation & Weights

Appendix 2. NB SDUS 2002 sampling and weight calculations

Anglophones

Grade	Provincial Census	# of students on list	# of students present	Students surveyed; completed	# absent	Refusals; parent + student	Sample Weight	% absent	% refusals	response rate
7	6673	725	659	624	66	35	10.69	9.10	5.31	94.69
9	7406	891	780	763	111	17	9.71	12.46	2.18	97.82
10	7107	764	717	706	72	11	10.07	9.13	1.53	98.47
12	6586	741	647	633	94	14	10.42	12.69	2.16	97.84
Subtotal	27772	3121	2803	2726	343	77		10.90	2.75	97.25

Francophones

Grade	Provincial Census	# of students on list	# of students present	Students surveyed; completed	# absent	Refusals; parent + student	Sample Weight	% absent	% refusals	response rate
7	2971	326	311	306	15	5	9.71	4.60	1.61	98.39
9	3012	429	432	429	37	3	7.02	7.89	0.69	99.31
10	3068	311	285	283	26	2	10.84	8.36	0.70	99.30
12	3061	345	342	335	32	7	9.14	8.56	2.05	97.95
Subtotal	12112	1411	1370	1353	110	17		7.43	1.24	98.76

NB TOTAL	39884	4532	4173	4079	453	94		9.79	2.25	97.75
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Formula for probability weights calculation:

total # in census for that grade & language

actual # students who completed the survey in that grade & language

APPENDIX 3 - Tables of Detailed Results

- Table 1. Alcohol, tobacco and other drug use (%) among students in 1996*, 1998* & 2002, NB SDUS 2002
- Table 2. Proportion of students reporting drug use (%) by gender in 1996*, 1998* & 2002, NB SDUS 2002
- Table 3. Proportion of students reporting drug use (%) by grade in 1996*, 1998* & 2002, NB SDUS 2002
- Table 4. Demographic and socio-economic characteristics of students, NB SDUS 2002
- Table 5. Cigarette use (%) among students in grades 7, 9, 10 & 12 for the past 12 months, NB SDUS 2002
- Table 6. Use of tobacco products (%) among students in grades 7, 9, 10 & 12 for the past 12 months, NB SDUS 2002
- Table 7. Attempts to quit smoking (%), in the past 6 months prior to the survey among students who reported smoking, NB SDUS 2002
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Table 1. Alcohol, tobacco and other drug use (%) among students in 1996*, 1998* & 2002, NB SDUS 2002

Substances	Percentage Use					
	1996*		1998*		2002	
	(n=3315)		(n=3298)		(n=3854)	
	%	95% C.I.	%	95% C.I.	%	95% C.I.
Alcohol	52.3	49.6 - 55.0	55.6	53.0 - 58.2	53.2	51.1 - 55.3
Cigarette	32.7	31.0 - 34.5	32.2	30.1 - 34.4	20.7	18.9 - 22.5
Cannabis	28.9	26.8 - 31.1	30.6	28.5 - 32.7	34.9	32.9 - 37.0
LSD	15.1	13.4 - 16.8	10.9	9.8 - 12.0	5.2	4.3 - 6.1
Solvents or Inhalants	5.8	4.8 - 6.8	5.5	4.7 - 6.4	5.3	4.5 - 6.1
Psilocybin/Mescaline	8.4	7.3 - 9.5	9.3	8.3 - 10.4	11.6	10.4 - 12.8
Tranquilizers, Non-Medical Use	4.5	3.7 - 5.3	3.8	3.0 - 4.5	5.0	4.3 - 5.7
Cocaine/Crack	4.7	4.0 - 5.4	4.0	3.2 - 4.8	3.6	2.9 - 4.3
Steroids	2.8	2.2 - 3.3	2.2	1.7 - 2.7	2.8	2.2 - 3.4
PCP	3.9	3.1 - 4.6	3.5	2.8 - 4.2	3.9	3.2 - 4.6
Heroin	2.4	1.9 - 2.9	1.7	1.2 - 2.2	1.9	1.5 - 2.3
Stimulants, Non-Medical Use**	9.3	8.0 - 10.5	8.4	7.3 - 9.5	13.4	12.1 - 14.7
Amphetamines, Non-Medical Use	N/A		N/A		10.9	9.8 - 12.0
Ritalin, Non-Medical Use	N/A		N/A		5.8	4.9 - 6.7
Ecstasy	N/A		N/A		4.0	3.3 - 4.7

* previous Student Drug Use Surveys

** In 1996 & 1998, stimulants represented any use of Benzedrine, Dexedrine, Ritalin, Cylert, diet pills, etc. In 2002, stimulants represented any use of Amphetamines or/and Ritalin.

Table 2. Proportions of students reporting drug use (%) by gender in 1996*, 1998* & 2002, NB SDUS 2002

Substances	Gender					
	Male			Female		
	1996	1998	2002	1996	1998	2002
Alcohol	53.1	56.2	51.2	51.3	55.3	55.3
Cigarette	32.4	30.1	18.4	33.4	34.4	23.0
Cannabis	30.4	33.1	34.2	27.6	28.2	35.6
LSD	16.4	11.5	6.1	14.0	10.3	4.3
Solvents or Inhalants	6.2	5.5	6.0	5.4	5.5	4.5
Psilocybin/Mescaline	10.2	10.4	12.8	6.5	8.2	10.4
Tranquilizers, Non-Medical use	4.2	3.6	5.2	5.0	3.9	4.8
Cocaine/Crack	5.2	3.9	3.9	4.3	4.1	3.4
Steroids	3.9	3.0	4.4	1.5	1.4	1.1
PCP	4.5	4.2	5.0	3.1	2.8	2.7
Heroin	2.9	1.5	2.0	1.7	1.8	1.8
Ecstasy	N/A	N/A	4.3	N/A	N/A	3.7
Amphetamines, Non-Medical Use	N/A	N/A	11.2	N/A	N/A	10.4
Ritalin, Non-Medical Use	N/A	N/A	6.9	N/A	N/A	4.5

* previous Student Drug Use Surveys

Table 3. Proportion of students reporting drug use (%) by grade in 1998* & 2002, NB SDUS 2002

Grades	7		9		10		12	
	1998	2002	1998	2002	1998	2002	1998	2002
Alcohol	19.6	14.1	54.9	48.3	67.5	69.6	79.0	84.0
Cigarette	12.6	7.7	33.1	19.5	38.1	25.0	44.2	31.9
Cannabis	7.1	7.9	29.9	31.3	40.9	47.2	43.4	55.1
LSD	2.4	1.4	11.2	5.7	14.1	6.3	15.4	7.4
Inhalants or Solvents	7.9	7.4	7.3	5.8	4.9	5.8	2.0	1.9
Psilocybin/Mescaline	2.4	2.8	10.5	12.1	12.3	13.9	11.5	18.5
Tranquilizers, Non-Medical use	1.7	1.3	4.6	5.8	6.2	7.0	2.4	5.7
Cocaine/crack	2.5	2.0	3.8	3.7	4.6	3.5	4.9	5.5
Steroids	2.6	2.0	1.8	3.4	2.5	3.0	2.0	2.8
PCP	0.8	1.3	4.3	4.4	4.9	4.7	3.7	5.2
Heroin	1.7	1.1	2.6	2.2	1.3	2.4	1.1	1.8
Ecstasy	N/A	2.1	N/A	4.1	N/A	4.2	N/A	5.9
Amphetamines, Non-Medical Use	N/A	3.5	N/A	10.1	N/A	12.8	N/A	18.2
Ritalin, Non-Medical Use	N/A	3.2	N/A	6.6	N/A	7.0	N/A	6.3

*previous Student Drug Use Survey

Table 4. Demographic and socio-economic characteristics of students, NB SDUS 2002

Variables	Characteristics	Number of Students	%
Overall		3054	
Gender	Male	1,938	50.8
	Female	1,870	49.2
Grade	7 (12.4 yrs old*)	914	25.1
	9 (14.5 yrs old*)	1128	26.3
	10 (15.5 yrs old*)	973	26.5
	12 (17.5 yrs old*)	839	22.1
Language	english	2569	69.3
	french	1285	30.7
Age	12 or less	520	14.3
	13-14	996	24.8
	15-16	1435	37.2
	17-18	838	22.1
	19 +	60	1.6
Grade Point Average	60% or higher	3336	87.1
	less than 60%	201	5.2
	not stated or don't know	288	7.7
Who living with	Both parents	2758	71.9
	One parent only	567	14.9
	Father and Mother and step	368	9.7
	Neither parent	137	3.7
Driver's license	No license	2854	74.3
	Beginner's	293	7.9
	less than 1 year	216	5.7
	more than 1 year	455	12.0
Highest level of mother's education	Less than Secondary Education	447	11.7
	Completed Secondary Education	1156	30.8
	Completed Post-Secondary Education	1,455	38.6
	Unknown	697	18.5
	Not applicable	22	0.6

*average age

Table 5. Cigarette use (%) among students in grades 7, 9, 10 & 12 for the past 12 months, NB SDUS 2002

Variables	Characteristics	Smoking 10 cigarettes or more / day %	Smoking more than 100 cigarettes in lifetime %
Overall		4.0	14.0
Gender	Male	4.3	12.9
	Female	3.5	15.0 §
Grade	7	0.3	2.3
	9	4.4**	11.8**
	10	4.7**	16.3**
	12	6.8**	27.1**
Grade Point Average	60% or higher	3.1	12.5
	less than 60%	17.0**	40.0**
	not stated or do not know	5.3*	14.1
Friends' use of tobacco	None	0.2	0.9
	A few	0.7*	4.8**
	Half or more	12.7**	41.1**

* p < .05

** p < .01

§ borderline significant (p = 0.06)

Table 6. Use of tobacco products (%) among students in grades 7, 9, 10 & 12 for the past 12 months, NB SDUS 2002

Variables	Characteristics	Cigarette %	Cigar / Pipe %	Chewing tobacco %
Overall		20.7	15.5	3.5
Gender	Male	19.0	20.6	5.9
	Female	23.4**	10.3**	0.9**
Grade	7	7.7	3.9	1.1
	9	19.5**	13.1**	2.5*
	10	25.0**	21.6**	4.8**
	12	31.9**	24.1**	5.8**
Grade Point Average	60% or higher	18.5	14.5	3.2
	less than 60%	51.7**	35.6**	6.7*
	not stated or do not know	24.2*	13.0	4.7

* p < .05

** p < .01

Table 7. Attempts to quit smoking (%), in the 6 months prior to the survey among students who reported smoking, NB SDUS 2002

Variables	Characteristics	Tried to quit smoking (n = 933) %
Overall		54.8
Gender	Male	50.4
	Female	59.4*
Grade	7	39.6
	9	58.1**
	10	57.3**
	12	58.3**

* p < .05

** p < .01

Table 8. Using fake ID (%) associated with cigarette smoking among students in grades 7, 9, 10 & 12 in the past 12 months, NB SDUS 2002

Variables	Characteristics	Using fake ID (n = 3808) %
Overall		7.7
Gender	Male	7.8
	Female	7.6
Grade	7	2.0
	9	6.9**
	10	7.0**
	12	16.0**
Grade Point Average	60% or higher	6.5
	less than 60%	26.6**
	not stated/do not know	8.8

* p < .05

** p < .01

Table 9. Patterns of cigarette smoking among students in the 30 days prior to the survey, NB SDUS 2002

Variables	Characteristics	No cigarette smoking %	≤ 10 cigarettes per day %	> 10 cigarettes per day %
Overall		78.1	16.5	3.6
Gender	Male	80.2	13.7	3.9
	Female	76.2**	19.2**	3.2
Grade	7	87.1	7.9	0.7
	9	80.7**	14.2**	4.0**
	10	75.5**	19.3**	4.0**
	12	67.7**	25.7**	6.0**

* p < .05

** p < .01

Table 10. Cigarette smoking status among students from grades 7, 9, 10 & 12, NB SDUS 2002

Variables	Characteristics	Life abstainer	Beginner	Past experimenter	Former smoker	Current occasional smoker	Current daily smoker
		(n=2186) %	(n=195) %	(n=644) %	(n=68) %	(n=28) %	(n=438) %
Overall		56.7	5.1	16.7	1.8	0.7	11.5
Gender	Male	60.6	3.9	15.0	1.7	0.8	10.4
	Female	53.2**	6.2**	18.5**	1.8	0.7	12.4§
Grade	7	74.1	3.9	9.2	0.5	0.3	1.3
	9	59.2**	4.8	16.4**	1.6*	0.8	9.4**
	10	51.8**	5.8§	19.0**	1.6*	0.8	13.7**
	12	39.8**	6.0*	22.7**	3.6**	0.9	22.4**
Grade Point Average	60% or higher	59.0	4.9	16.9	1.5	0.7	10.1
	less than 60%	23.9**	11.2**	16.1	7.2**	2.1*	30.2**
	not stated/do not know	53.0§	3.9	15.1	0.9	0.3	13.0
Friends' use of cigarette	none	83.3	0.9	7.8	0.3	0.1	0.4
	A few	61.1**	5.4**	22.6**	1.6**	0.4	2.8**
	Half or more	23.3**	8.9**	16.7**	3.5**	1.9**	35.4**

* p < .05

** p < .01

§ borderline significant (p = 0.06)

Table 11. Alcohol use (%) among students in grades 7, 9, 10 & 12 for the past 12 months, NB SDUS 2002

Variables	Characteristics	Any use of alcohol %	Alcohol \geq once / month %
Overall		53.2	30.4
Gender	Male	51.2	30.1
	Female	55.3*	30.5
Grade	7	14.1	6.0
	9	48.3**	25.5**
	10	69.6**	39.4**
	12	83.9**	53.3**
Grade Point Average	60% or higher	53.2	29.5
	less than 60%	78.0**	55.6**
	not stated or do not know	37.9**	24.3
Friends' use of alcohol	none	3.1	0.3
	A few	26.3**	7.3**
	Half or more	80.8**	49.9**

* p < .05

** p < .01

Table 12. Impaired drinking (%) among students in grades 7, 9, 10 & 12 in the past 12 months, NB SDUS 2002

Variables	Characteristics	Driving after drinking %	Passenger with impaired driver %
Overall		8.5	25.6
Gender	Male	11.2	24.0
	Female	5.6**	27.2
Grade	7	2.4	15.3
	9	5.6**	24.2**
	10	7.7**	28.6**
	12	19.7**	35.4**
Grade Point Average	60% or higher	7.9	24.6
	less than 60%	21.5**	45.4**
	not stated/do not know	6.3	24.2

* p < .05

** p < .01

Table 13. Using fake ID (%) associated with alcohol use among students in grades 7, 9, 10 & 12 in the past 12 months, NB SDUS 2002

Variables	Characteristics	Using fake ID (n = 3808) %
Overall		11.1
Gender	Male	10.1
	Female	12.2
Grade	7	1.5
	9	5.8**
	10	11.3**
	12	28.2**
Grade Point Average	60% or higher	10.8
	less than 60%	22.0**
	not stated/do not know	7.2 §

* p < .05

** p < .01

§ borderline significant (p = 0.06)

Table 14. Alcohol-related problems (%), as a result of respondents' own alcohol use, NB SDUS 2002

Problems	Among students who use alcohol (n = 2089) %
Damaged things when drinking	19.8
Drinking caused one to injure oneself	18.9
Drinking caused tensions or disagreement with family or friends	13.2
Cost of alcohol prevented buying other things	13.0
Consumed alcohol before or instead of breakfast	10.1
Trouble with the police as a result of drinking	5.1
School work or exams affected by drinking	3.5
Had a motor vehicle accident as driver, after drinking in the previous 2 hours	1.6

Number of alcohol-related problems resulting from respondents' own alcohol use.

Number of alcohol-related problems	Among students who use alcohol %
No problem	57.7
1 problem	19.4
2 problems	11.3
3 problems	6.4
4 + problems	5.1

Table 15. Alcohol use (%) in the past 30 days prior to the survey, NB SDUS 2002

Variables	Characteristics	No alcohol use in past 30 days %	Less than 5 drinks at least once %	Had 5+ drinks at least once %
Overall		52.7	16.0	27.4
Gender	Male	52.9	13.9	28.3
	Female	52.5	18.4**	26.2
Grade	7	81.5	7.3	4.2
	9	56.3**	17.1**	23.0**
	10	41.4**	20.6**	34.4**
	12	29.2**	18.9**	50.6**
Grade Point Average	60% or higher	53.0	16.8	26.6
	less than 60%	33.8**	11.5*	49.3**
	not stated or do not know	61.3**	9.9**	21.9

* p < .05

** p < .01

Table 16. Drunkness (%) in the past 30 days prior to the survey, NB SDUS 2002

Variables	Characteristics	Got drunk at least once %
Overall		26.3
Gender	Male	25.4
	Female	26.9
Grade	7	5.3
	9	24.0**
	10	33.1**
	12	44.9**
Grade Point Average	60% or higher	25.6
	less than 60%	47.3**
	not stated or do not know	21.0

* p < .05

** p < .01

Table 17. Going to a tavern (%) among students in grades 7, 9, 10 & 12 in the past 12 months, NB SDUS 2002

Variables	Characteristics	Going to a tavern (n = 3808) %
Overall		22.4
Gender	Male	21.1
	Female	23.8
Grade	7	5.0
	9	12.9**
	10	23.3**
	12	52.4**
Grade Point Average	60% or higher	21.9
	less than 60%	42.5**
	not stated/do not know	15.0**

* p < .05

** p < .01

Table 18. Cannabis use (%) among students in grades 7, 9, 10 & 12, for the past 12 months, NB SDUS 2002

Variables	Characteristics	Any use of cannabis %	Cannabis \geq once / month %
Overall		34.9	16.9
Gender	Male	34.2	18.4
	Female	35.6	15.0*
Grade	7	7.9	1.1
	9	31.3**	14.9
	10	47.2**	24.5
	12	55.1**	27.9
Grade Point Average	60% or higher	33.7	15.4
	less than 60%	65.4**	42.9**
	not stated or do not know	29.2	15.5
Friends' use of cannabis	None	2.0	0.1
	A few	26.6**	3.9**
	Half or more	77.1**	48.1**

* p < .05

** p < .01

Table 19. Cannabis use (%) in the 30 days prior to the survey among students in grades 7, 9, 10 & 12, NB SDUS 2002

Variables	Characteristics	Cannabis use in past 30 days %
Overall		20.5
Gender	Male	21.2
	Female	19.7
Grade	7	4.2
	9	19.5**
	10	28.2**
	12	30.9**
Grade Point Average	60% or higher	19.1
	less than 60%	45.6**
	not stated or do not know	19.1
Friends' use of cannabis	None	0.5
	A few	8.5**
	Half or more	54.0**

* p < .05

** p < .01

Table 20. Psylocybin / Mescaline use (%) among students in grades 7, 9, 10 & 12, for the past 12 months, NB SDUS 2002

Variables	Characteristics	Any use of Psylocybin / Mescaline %
Overall		11.6
Gender	Male	12.8
	Female	10.4*
Grade	7	2.8
	9	12.1**
	10	13.9**
	12	18.5**
Grade Point Average	60% or higher	10.6
	less than 60%	30.6**
	not stated or do not know	10.8

* p < .05

** p < .01

Table 21. Stimulants use (amphetamines and/or ritalin) use (%) in the 12 months prior to the survey among students in grades 7, 9, 10 & 12, NB SDUS 2002

Variables	Characteristics	Any use of Amphetamines %	Any use of Ritalin %	Non-medical use of amphetamines and/or ritalin %
Overall		10.9	5.8	13.4
Gender	Male	11.2	6.9	14.0
	Female	10.4	4.5**	12.4
Grade	7	3.5	3.2	5.5
	9	10.0**	6.6**	13.4**
	10	12.8**	7.0**	15.4**
	12	18.2**	6.3*	19.9**
Grade Point Average	60% or higher	10.0	5.2	12.4
	less than 60%	26.7**	12.7**	30.3**
	not stated or do not know	10.8	7.6*	13.4

* p < .05

** p < .01

Table 22. LSD use (%) among students in grades 7, 9, 10 & 12, for the past 12 months, NB SDUS 2002

Variables	Characteristics	Any use of LSD	
			%
Overall			5.2
Gender	Male		6.0
	Female		4.3*
Grade	7		1.4
	9		5.7**
	10		6.3**
	12		7.4**
Grade Point Average	60% or higher		4.4
	less than 60%		17.9**
	not stated/do not know		5.0

* p < .05

** p < .01

Table 23. Solvents (inhalants) use (%) among students in grades 7, 9, 10 & 12, for the past 12 months, NB SDUS 2002

Variables	Characteristics	Any use of solvents	
			%
Overall			5.3
Gender	Male		6.1
	Female		4.5**
Grade	7		7.4
	9		5.8
	10		5.8
	12		1.9**
Grade Point Average	60% or higher		4.6
	less than 60%		11.7**
	not stated/do not know		8.8**

* p < .05

** p < .01

Table 24. Tranquilizers Non-Medical Use (%) among students in grades 7, 9, 10 & 12, for the past 12 months NB SDUS 2002

Variables	Characteristics	Any use of tranquilizers %
Overall		5.0
Gender	Male	5.2
	Female	4.8
Grade	7	1.3
	9	5.8**
	10	7.0**
	12	5.7**
Grade Point Average	60% or higher	4.3
	less than 60%	19.4**
	not stated or do not know	3.2

* p < .05

** p < .01

Table 25. Multiple drug use (%) involving alcohol, tobacco and cannabis among students in grades 7, 9, 10 & 12 in the past 12 months, NB SDUS 2002

Drug use patern	%	95% C.I.
No drug use whatsoever	36.2	34.0 - 38.4
No alcohol, no tobacco, no cannabis but other drug use	2.7	2.2 - 3.2
Alcohol, no tobacco, no cannabis	16.3	14.9 - 17.7
Alcohol & tobacco & cannabis	21.2	19.5 - 22.9
Alcohol & tobacco, no cannabis	4.8	4.1 - 5.5
Alcohol & cananbis, no tobacco	10.6	9.5 - 11.7
Tobacco, no alcohol, no cannabis	2.3	1.8 - 2.8
Tobacco & cannabis, no alcohol	1.1	0.8 - 1.5
Cannabis, no alcohol, no tobacco	1.8	1.3 - 2.3

Table 26. Problems related to respondents' own drug use (not alcohol or tobacco), NB SDUS 2002

Problems	Among students who use drugs (n = 1030) %
Drug use caused tension or disagreement with family or friends	22.2
Cost of drug prevented buying other things	22.2
School work or exams affected by drug use	19.0
Damaged things when using drugs	12.2
Drug use caused one to injure oneself	11.7
Trouble with the police due to drug use	7.8
Number of drug-related problems	
No problem	58.1
1 problem	16.4
2 problems	10.3
3 + problems	15.1

Table 27. Gambling among students in grades 7, 9, 10 & 12 according to type of gambling activity, NB SDUS 2002

	Any gambling %	Gambling \geq once / month %
Overall	57.7	24.4
Played scratch tabs	39.3	13.7
Played cards for money	26.0	9.0
Bet on sports activities	22.6	8.5
Played bingo for money	19.0	5.3
Played break-opens	17.0	5.5
Played other lottery	13.5	5.1
Played video gambling machines	10.4	3.2
Played Sport Select lottery	6.9	3.4

Table 28. Gambling activities (%) among students in grades 7, 9, 10 & 12, NB SDUS 2002

Variables	Characteristics	Playing cards %	Playing bingo %	Betting on sport activities %	Playing Sport Select lottery %	Other lottery %	Video gambling machine playing %	Scratch tabs %	Playing break-opens %
Overall		26.0	19.0	22.6	6.8	13.5	10.4	39.1	17.0
Gender	Male	34.8	19.2	34.6	10.7	14.9	12.7	36.6	17.9
	Female	17.2**	18.8	10.7**	2.7**	12.0*	8.1**	41.8**	15.9
Grade	7	20.2	20.9	18.1	4.0	8.6	10.0	33.3	13.2
	9	27.4**	17.9	24.4**	5.5	9.8	9.1	35.0	16.7*
	10	30.8**	17.9	26.5**	9.1**	14.0**	10.6	39.0**	18.6**
	12	25.3*	19.6	21.0	8.8**	22.8**	12.3	50.8**	19.6**
Grade Point Average	60% or higher	25.3	18.6	22.4	6.5	13.2	9.7	39.2	16.2
	less than 60%	31.4	23.7	25.8	12.1**	17.4	15.4**	45.7	24.8**
	not stated	29.8	21.1	23.5	6.9	14.5	15.0**	34.7	19.8

* p < .05

** p < .01

Table 29. Using fake ID (%) associated with lottery among students in grades 7, 9, 10 & 12 in the past 12 months, NB SDUS 2002

Variables	Characteristics	Using fake ID %
Overall		6.6
Gender	Male	8.1
	Female	5.0**
Grade	7	5.3
	9	3.8
	10	6.9
	12	11.3**
Grade Point Average	60% or higher	6.1
	less than 60%	14.9**
	not stated/do not know	7.1

* p < .05

** p < .01

Table 30. Using fake ID (%) associated with video gambling machines among students in grades 7, 9, 10 & 12 in the past 12 months, NB SDUS 2002

Variables	Characteristics	Using fake ID %
Overall		4.4
Gender	Male	5.8
	Female	3.0**
Grade	7	4.6
	9	3.6
	10	5.4
	12	4.0
Grade Point Average	60% or higher	3.7
	less than 60%	10.5**
	not stated/do not know	8.1**

* p < .05

** p < .01

Table 31. Help seeking in relation with alcohol, cigarettes and drugs (%) among students of grades 7, 9, 10 & 12, NB SDUS 2002

	Grade (%)			
	7	9	10	12
Alcohol				
Any use of alcohol	14.1	48.3	69.6	83.9
needed help	1.0	2.0	2.5	1.6
got help	0.8	1.8	1.9	0.9
Cigarette				
Any cigarette smoking	7.7	19.5	25.0	31.9
needed help	2.4	4.2	5.8	8.4
got help	1.5	2.5	2.3	1.3
Drugs				
Drugs users (including cannabis)	17.3	37.2	51.7	58.2
needed help	1.5	3.4	3.8	3.8
got help	0.8	3.1	2.3	1.6
Gambling				
Any gambling	49.5	54.7	59.9	68.0
needed help	1.3	0.5	0.3	0.6
got help	1.0	0.6	0.2	0.2

Table 32. Sexual intercourse in the 12 months prior to the survey (%) among students in grades 9, 10 & 12, NB SDUS 2002

	Grade 9 %	Grade 10 %	Grade 12 %
Had sexual intercourse	23.5	34.2	61.0
Among students who had sexual intercourse			
Number of sexual partner			
One	59.7	60.3	62.7
Two	19.9	19.6	21.6
Three or more	20.4	20.1	15.6
Reasons for not using condoms			
Did not have a condom at the time	59.9	54.1	48.6
Condoms interfere with sex	40.1	34.4	31.4
Under the influence of alcohol or drugs	28.2	26.2	11.6
Partner was under the influence of alcohol or drugs	29.4	29.3	10.4
Partner would not use them	17.9	15.3	11.0
Embarrassed to buy condoms	13.5	7.6	3.3
Did not have money to buy condoms	11.6	16.1	6.6

Table 33. Had sex without planning and under the influence of alcohol/drugs in the 12 months prior to the survey (%) among students in grades 9, 10 & 12, NB SDUS 2002

	Grade 9 %	Grade 10 %	Grade 12 %
Never	51.2	44.1	41.8
Once	30.8	31.7	27.5
Twice	8.7	12.1	14.0
Three or more time	9.4	12.2	16.8

Table 34. School drug education and knowledge of school drug policy (%) among students in grades 7, 9, 10 & 12, NB SDUS 2002

		Grade 7 %	Grade 9 %	Grade 10 %	Grade 12 %
Classes on alcohol	None	34.6	30.6	55.7	51.3
	One or two	47.3	57.7	37.0	43.9
	Three or more	18.2	11.7	7.3	4.8
Classes on tobacco	None	44.7	36.0	61.4	57.8
	One or two	43.6	56.8	34.4	38.6
	Three or more	11.7	7.2	4.2	3.6
Classes on drugs other than alcohol and tobacco	None	42.5	32.0	57.2	53.2
	One or two	43.8	58.1	36.9	42.5
	Three or more	13.8	10.0	5.9	4.3
Classes on decision making, peer pressure, assertiveness or refusal skills	None	27.1	24.0	49.1	47.4
	One or two	46.0	60.5	42.7	48.3
	Three or more	26.9	15.6	8.2	4.3
School policy against drinking on school property or at school events/activities	yes	78.9	78.8	86.6	92.8
	no	4.3	4.5	3.5	1.9
	don't know	16.8	16.7	10.0	5.4
School policy against smoking on school property or at school events/activities	yes	79.8	38.4	46.6	47.7
	no	5.6	45.6	45.2	44.4
	don't know	14.6	16.0	8.2	7.9

Table 35. Students comments by sex and grade, NB SDUS 2002

		Total Comments	Reflective Comments
# comments		474 (12% of students surveyed)	162 (4% of students surveyed)
Comments by gender:	M	49%	38%
	F	51%	62%
Comments by grade:	Grade 7	24%	19%
	Grade 9	24%	30%
	Grade 10	24%	22%
	Grade 12	28%	29%

Table 36. Proportions of grades 7,9,10 & 12 students reporting drug use (%) in the Maritime Provinces, NB SDUS 2002

Substances	Percentage Use					
	NB		NS		PEI	
	%	95 CI	%	95 CI	%	95 CI
Alcohol	53.2	51.1 - 55.3	51.7	49.8 - 53.6	48.2	45.2 - 52.2
Cigarette	20.7	18.9 - 22.5	23.2	21.4 - 25.0	18.2	16.3 - 20.1
Cannabis	34.9	32.9 - 37.0	36.5	34.7 - 38.3	23.7	21.4 - 26.0
LSD	5.2	4.3 - 6.0	5.5	4.7 - 6.3	3.5	2.7 - 4.3
Solvents or Inhalants	5.3	4.6 - 6.1	4.9	4.1 - 5.7	5.8	4.8 - 6.8
Psilocybin/Mescaline	11.7	10.4 - 12.9	12.2	11.0 - 13.4	6.3	5.1 - 7.5
Tranquilizers, Non-Medical use	5.0	4.3 - 5.7	4.7	4.1 - 5.3	3.7	2.8 - 4.6
Cocaine/Crack	3.6	2.9 - 4.3	3.9	3.2 - 4.6	2.4	1.8 - 3.0
Steroids	2.8	2.2 - 3.4	2.7	2.2 - 3.2	2.8	2.1 - 3.5
PCP	3.9	3.2 - 4.6	3.2	2.6 - 3.8	1.5	1.0 - 2.0
Heroin	1.9	1.5 - 2.3	1.6	1.2 - 2.0	1.7	1.1 - 2.3
Ecstasy	4.0	3.4 - 4.7	4.4	3.7 - 5.1	3.2	2.4 - 4.0
Amphetamines, Non-Medical Use	11.0	9.8 - 12.1	9.3	8.2 - 10.4	6.2	5.0 - 7.4
Ritalin, Non-Medical Use	5.8	4.9 - 6.7	7.5	6.5 - 8.5	6.3	5.1 - 7.5