## The 2005 Vermont Youth Risk Behavior Survey

## Statewide Report

How many Vermont teens drink alcohol or smoke cigarettes? Where do they get alcohol and cigarettes? How many use marijuana or cocaine? How many are sexually active, and of those, how many are using condoms? How many have been threatened at school? How many have contemplated suicide? Finding answers to these questions is vitally important. This information can put to rest unwarranted fears when the answers are positive; it can mobilize prevention and intervention efforts when the answers are negative; and it can influence the behavior of students by setting norms.

Every two years since 1985, the Department of Health Division of Alcohol and Drug Abuse Programs and the Department of Education Comprehensive School Health Programs have sponsored a survey of Vermont students. The Vermont Youth Risk Behavior Survey (YRBS) measures the prevalence of behaviors that contribute to the leading causes of death, disease, and injury among youth. The YRBS is part of a larger effort to help communities promote the "resiliency" of young people by reducing high risk behaviors and increasing healthy behaviors. The YRBS provides accurate information about Vermont students which enables us to:

- monitor trends in their health and risk behaviors
- compare Vermont students with a national sample of students
- plan, evaluate, and improve community and school programs that prevent health problems and promote healthy behaviors

In 2005, school staff administered the YRBS to 31,617 eighth to twelfth grade Vermont students in 146 schools representing 59 supervisory unions. For the purposes of this report, data are based on a representative sample of 9,342 Vermont high school and middle school students. Participation by both schools and individual students was completely voluntary. To protect student privacy, the questionnaire was anonymous. Therefore, it is impossible to identify an individual student's responses.

## How to use the YRBS

The YRBS provides an important piece of the evaluation puzzle. It can help detect changes in risk behaviors over time. It can help identify differences among ages, grades, and genders. It can help focus primary prevention efforts on specific groups of teens, and can suggest whether or not school policies and community programs are having the intended effect on student behaviors.

Think of the YRBS as a tool for starting discussions, for educating the community, for planning and evaluating programs, and for comparing Vermont students with other students nationwide.

- Starting the Conversation: Use the YRBS to begin a conversation with teens about the personal choices they make or about the health of their community. Ask them if the results accurately reflect what they see happening around them. How do they explain the results? What ideas do they have about ways to promote healthy behaviors? From their perspective, what seems to be working and what isn't working?
- Increasing Awareness: The YRBS provides an opportunity to break through "denial" and to make community members aware of the risks that their young people face. It can also dispel myths and correct misinformation about the "average teenager". The YRBS can be used to accentuate the positive, and to celebrate the fact that many students are abstaining from behaviors that endanger their health and their ability to succeed.
- Planning and Evaluating Programs: The YRBS can serve as the basis of a community needs assessment. It can help identify strengths and weaknesses in your community, and can suggest strategies to address those weaknesses.
- Vermont Trends and National Comparisons: We have been able to track some information for over 10 years, because Vermont students have been participating in a student survey since 1985. Also, the Centers for Disease Control and Prevention conducts a biennial YRBS of a national sample of high school students. These results permit us to draw comparisons between Vermont and the nation.


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## A Word of Caution

The YRBS represents the most complete and most recent information available about risk behaviors among Vermont students. However, the YRBS has some limitations that you should keep in mind when interpreting the results.

- Data Quality: Several precautions were taken to ensure the reliability and validity of the results. First, the questionnaire has been carefully designed and thoroughly tested by Centers for Disease Control and Prevention. Second, the survey was anonymous to encourage students to be honest and forthright. Third, over 100 consistency checks were run on the data to exclude careless, invalid, or logically inconsistent answers. Fourth, the results are statistically adjusted or "weighted" so that the sample accurately represents all Vermont $8^{\text {th }}$ to $12^{\text {th }}$ graders. These precautions can reduce some sources of error, but not all. For example, some high risk students such as those who have dropped out of school are not represented in the results.
- Comparing Supervisory Unions to Each Other and to the State: Participating supervisory unions will receive individual reports summarizing their own results. It is natural to want to know how individual supervisory unions compare to the state overall or to other supervisory unions. We urge caution in making such comparisons because the statewide results are "weighted", whereas the supervisory union results are not. As a result, it is possible that apparent differences, especially small differences, are due to demographic characteristics, rather than to true differences in prevalence.

What, not Why: The YRBS can indicate what students are doing. It can also suggest the groups of students (e.g., male vs female, $8^{\text {th }}$ graders vs $12^{\text {th }}$ graders) who are more likely to engage in these behaviors. However, the survey does not answer the most important question: Why are they doing it?

## A Special Thanks!

We are grateful to the principals and superintendents who chose to participate in the YRBS and to the teachers and school staff who administered the survey or in other ways supported this effort. We also wish to thank the Centers for Disease Control and Prevention, Division of Adolescent and School Health for sponsoring the statewide survey through a cooperative agreement with the Vermont Department of Education (Program Announcement \#309) and Westat Survey Technical Assistance Project for processing and analyzing the data. Finally, we are grateful to the students who took the time to share with us a piece of their lives. This report is our way of thanking all of you. We hope that you find the survey report informative and useful.

The next YRBS is scheduled for 2007. We encourage schools' participation again, because we will be able to continue to monitor trends in students' health and risk behaviors, compare Vermont students with a national sample of students, and plan, evaluate, and improve communities' programs designed to prevent health problems and promote healthy behaviors. If you have any questions or comments about the YRBS, please contact Kelly Hale LaMonda at the Division of Health Surveillance, Vermont Department of Health (802-863-7246).

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## Basic Information

## Understanding This Report:

- Format: The results are presented as data tables, pie charts, bar graphs, and line graphs. In most cases, the data are organized by gender and grade. All results are expressed as percentages of students who endorsed the responses being reported. The percentages in some pie charts may not total 100 percent due to rounding.
- Healthy Vermonters 2010: Vermont has established goals for promoting health and reducing risk behaviors in Healthy Vermonters 2010. Goals relevant to the behaviors surveyed by the YRBS are included in the report for your reference. For more information, see The Health Status of Vermonters and Healthy Vermonters 2010 Vermont's Blueprint for Improving Public Health, available from the Vermont Department of Health.

Remember to look at the positive side. In most cases the majority of adolescents are NOT engaging in risky behaviors. Although most of the charts are oriented to examining the prevalence of risk behaviors, please do not forget about the percentage of adolescents who are NOT engaging in the behaviors.

## Basic Information

## Description of the Sample

- Sampling: 20 Vermont high schools of varying sizes, along with their 29 associated middle schools, were randomly selected for the state sample (1:3 systematic sample after sorting by enrollments). A survey of this size was required in order to have an error rate of $+/-5 \%$ at each of the five grade levels.
- Response Rates: The school response rate was 94 percent, and the student response rate was 77 percent. Therefore, the overall response rate was 72 percent ( $.94 \times .77=.72$ ).
- Weighting: The results were "weighted" in order to compensate for differences between the sample and the population of all $8^{\text {th }}$ to $12^{\text {th }}$ grade students in Vermont. The weighting procedure ensures that the sample is representative of the population. This permits us to draw inferences about the entire student population based on the results of the sample.


## Vermont Students Who Participated in the YRBS

| GRADE |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | :---: |
|  | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | $\mathbf{F}$ | $\mathbf{M}$ | ALL* |  |
| Number of students | 2,136 | 2,167 | 1,986 | 1,662 | 1,257 | 4,650 | 4,629 | 9,342 |  |

*NOTE: Some students did not indicate their grade or gender. Therefore, totals by grade and by gender do not equal the overall total.

## Injuries, Violence, and Safety

This section deals with personal safety and violence, and includes questions about physical fights, bullying, dating violence, weapons, vehicle safety, and suicide.

- Physical Fighting: Physical fighting often precedes fatal and nonfatal injuries. ${ }^{1,2}$ During 1999, students ages 12-18 were victims of 880,000 nonfatal violent crimes at school. ${ }^{3}$ Nearly 60 percent of adolescents report at least one episode of dating violence, ${ }^{4}$ while 20 percent report they had experienced forced sex. ${ }^{5}$ Forced sex has been associated with poorer physical, ${ }^{6}$ and mental health among women. ${ }^{6,7}$
- Weapons and Fear: During adolescence, homicide rates in the US increase substantially from 1.3 per 100,000 in youth aged 10 to 14 to 10.6 per 100,000 in youth aged 15 to $19 .{ }^{8}$ Homicide is the second leading cause of death among all youth aged 15 to $19 .{ }^{8}$ Firearms intensify violence and increase the likelihood of fatality in a conflict. ${ }^{9}$ In 2001, 83 percent of homicide victims 15 to 19 were killed with firearms. ${ }^{10}$

Bullying and being victimized by bullies have been increasingly recognized as health problems for children, because of their association with a range of adjustment problems, including poor psychological adjustment, ${ }^{11,12}$ poor academic achievement, ${ }^{12}$ and violent behavior. ${ }^{13}$

- Vehicle Safety - Safety Belts and Bicycle Helmets: Motor vehicle crash injuries are the leading cause of death among youth aged 15 to 19 in the US. ${ }^{10}$ For instance, 23 out of 61 deaths ( 38 percent) among 15 to 24 year olds in Vermont in 2002 were due to motor vehicle crashes. ${ }^{14}$ Proper use of lap and shoulder belts reduces the risk of fatal injury to front seat passengers by 45 percent and risk of moderate to critical injury by 50 percent. ${ }^{15}$ Head injury is the leading cause of death in bicycle crashes. ${ }^{16,17}$ Bicycle helmets might prevent approximately 56 percent of bicycle-related deaths, ${ }^{18}$ 65-88 percent of bicycle-related brain injuries and 65 percent of serious injuries to the upper and middle regions of the face. ${ }^{19-21}$
- Vehicle Safety - Driving Under the Influence In 2003, alcohol use was associated with 40 percent of motor vehicle related fatalities nationwide and 41 percent in Vermont. ${ }^{22}$ Alcohol-related crashes also cause serious injury and permanent disability and ranks as the leading cause of spinal cord injury among adolescents and young adults. ${ }^{23}$


## Injuries, Violence, and Safety (cont'd)

- Suicide: Suicide is the third leading cause of death among US youth aged 15 to $19^{10}$ and is the second leading cause of death among VT youth. ${ }^{10}$ The suicide rate for people aged 15 to 19 was 7.9 per 100,000 in 2001 down from a high of 10.9 per 100,000 in $1994 .{ }^{10}$ From 2000-2002, Vermont's suicide rate among 15 to 24 year olds was higher than the national average with a rate of 12.7 deaths per 100,000, compared to 10.0 deaths per 100,000 nationwide. ${ }^{10}$


## Related Healthy Vermonters 2010 Goals:

- Increase the percentage of people who always use safety belts to at least 92 percent.
- Further reduce physical assaults by intimate partners to less than 3.6 per 1,000 people age 12 and older.
- Reduce alcohol-related motor vehicle deaths to less than 4 per 100,000.
- Reduce suicide attempts by adolescents to less than 1 percent.
- Reduce suicide deaths to less than 6 per 100,000 people.
- Physical Fighting
- Fighting is more common among young students. In 2005, $8^{\text {th }}$ graders were more than twice as likely as $12^{\text {th }}$ graders to have been in a physical fight during the past year ( $38 \%$ vs $17 \%$ ). This $8^{\text {th }}$ and $12^{\text {th }}$ grade difference was similar in 2003 ( $40 \%$ vs $18 \%$ ).
- Females fight less than males. Male students were more likely than female students to have been in a physical fight ( $35 \%$ vs $19 \%$ ). This male and female difference was similar in 2003 (38\% vs $21 \%$ ).

Percent of students who were in a physical fight during the past 12 months


- Physical Fighting
- Less fighting. Physical fighting has decreased across all grades in Vermont since 1993. For example, fighting dropped from 54 to 38 percent among $8^{\text {th }}$ graders, 46 to 27 percent among $10^{\text {th }}$ graders, and 33 to 17 percent among $12^{\text {th }}$ graders.

Physical Fighting in Vermont 1993 to 2005
Percent of students who were in a physical fight
during the past 12 months


## - Physical Fighting

- Fewer females are in serious fights. Female students were less likely than male students to be in a fight that resulted in an injury (2\% vs $4 \%$ ) and in a fight on school property (8\% vs 19\%). These figures are similar to the 2003 results.
- Fighting on school property is more common among younger students. Eighth graders were over two times more likely than $12^{\text {th }}$ graders to fight on school property (20\% vs 8\%). Overall, 14 percent of Vermont students fought on school property, similar to the 2003 overall rate (14\%).

| PHYSICAL FIGHTING | GRADE |  |  |  | GENDER |  |  |  | ALL |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: |
|  | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | F | M | 2005 | $\mathbf{2 0 0 3}$ |  |
| Percent of students who, <br> during the past 12 <br> months : |  |  |  |  |  |  |  |  |  |  |
| Were in a physical <br> fight and had to be <br> treated by a doctor or <br> nurse | 3 | 3 | 3 | 2 | 3 | 2 | 4 | 3 | 3 |  |
| Were in a physical <br> fight on school <br> property | 20 | 15 | 14 | 10 | 8 | 8 | 19 | 14 | 14 |  |

## - Physical Fighting

- Overall, 6 percent of students have been hit, slapped, or physically hurt by their boy/girlfriend during the past year. No significant difference was seen between female students and male students.
- One out of 10 students (10\%) have been touched against their wishes sexually or forced to touch someone else sexually. Female students were three times more likely than male students to report being touched or forced to touch someone else ( $16 \%$ vs $5 \%$ )
- Overall, 5 percent of students have been forced to have sexual intercourse.

| ABUSIVE BEHAVIOR | GRADE |  |  |  |  | GENDER |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | F | $\mathbf{M}$ | $\mathbf{2 0 0 5}$ | $\mathbf{2 0 0 3}$ |
| Percent of students <br> who's boy/girlfriend hit, <br> slapped or physically <br> hurt them during the past <br> $\mathbf{1 2}$ months | 4 | 5 | 5 | 7 | 7 | 5 | 6 | 6 | 6 |
| Percent of students who <br> have ever been: |  |  |  |  |  |  |  |  |  |
| Touched against their <br> wishes or forced to <br> touch someone else | 8 | 10 | 12 | 12 | 11 | 16 | 5 | 10 | 9 |
| Forced to have <br> sexual intercourse | 2 | 4 | 6 | 6 | 6 | 6 | 4 | 5 | 5 |

## - Weapons and Fear

- Males carry weapons to school more than females. Male students were four times more likely to carry a weapon on school property than female students ( $13 \%$ vs $3 \%$ ). This pattern is similar to the 2003 results (12\% vs 3\%).

Percent of students who carried a weapon such as a gun, knife, or club on school property during the past 30 days


- Weapons and Fear
- Younger students were more likely to have been bullied than older students. Eighth graders were two and a half times more likely than $12^{\text {th }}$ graders to have been a victim of bullying ( $26 \%$ vs $10 \%$ ). Overall, $18 \%$ of students reported being bullied during the past 30 days.

Percent of students who were bullied* during the past 30 days

*For the purposes of the Vermont Youth Risk Behavior Survey, bullying was described as occurring when, on many occasions, a student or group of students say or do unpleasant things to another student to make fun of, tease, embarrass, or scare him/her; or purposefully exclude him/her. Bullying can occur before, during, or after the school day; on school property, a school bus or at a school-sponsored activity. It is not bullying when two students of about the same strength and power argue or fight or when teasing is done in a friendly way.

## - Weapons and Fear

- One out of five students have bullied someone. Younger students were more than twice as likely to bully someone than older students (31\% vs 14\%).


## Percent of students who bullied* someone

during the past 30 days

*For the purposes of the Vermont Youth Risk Behavior Survey, bullying was described as occurring when, on many occasions, a student or group of students say or do unpleasant things to another student to make fun of, tease, embarrass, or scare him/her; or purposefully exclude him/her. Bullying can occur before, during, or after the school day; on school property, a school bus or at a school-sponsored activity. It is not bullying when two students of about the same strength and power argue or fight or when teasing is done in a friendly way.

- Weapons and Fear
- Overall, 5 percent of students did not go to school because they felt unsafe. No difference was seen between female and male students.
- Males are threatened with weapons at school more than females. Male students were twice as likely as female students to have been threatened with a weapon on school property ( $8 \%$ vs 4\%).
- Younger students have their property stolen at school more than older students. Overall, 26 percent of $8^{\text {th }}$ grade students compared to 20 percent of $12^{\text {th }}$ students reported that someone stole or deliberately damaged their property on school property.

| SAFETY, WEAPONS, AND DAMAGE TO PROPERTY |  | GRADE |  |  | GENDER |  |  | ALL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |
| Percent of students who: |  |  |  |  |  |  |  |  |  |
| Did not go to school because they felt unsafe during the past 30 days | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 4 |
| Were threatened or injured with a weapon on school property during the past 12 months | 6 | 7 | 7 | 6 | 4 | 4 | 8 | 6 | 7 |
| Said that someone had stolen or deliberately damaged their property on school property during the past 12 months | 26 | 26 | 23 | 23 | 20 | 22 | 25 | 24 | 25 |

## - Vehicle Safety - Safety Belts

- Safety belt use is up since 1993. Overall, 83 percent of students reported always or almost always wearing their safety belt when riding in a car, compared to 84 percent in 2003, 79 percent in 2001, 77 percent in 1999, 75 percent in 1997, 72 percent in 1995, and 63 percent in 1993.
- Females wear safety belts more often than males. Eighty-six percent of female students wore their safety belts when riding in a car, compared to 75 percent of male students. The difference between females and males was similar in 2003 ( $83 \%$ vs $75 \%$ ).

| SAFETY BELT USE | GRADE |  |  |  | GENDER |  |  |  | ALL |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |  |
| Percent of students who <br> wear a safety belt when <br> riding in a car driven by <br> someone else |  |  |  |  |  |  |  |  |  |  |
| Always or almost <br> always | 84 | 81 | 84 | 83 | 83 | 86 | 80 | 83 | 84 |  |
| Sometimes | 9 | 11 | 8 | 8 | 8 | 8 | 10 | 9 | 9 |  |
| Never or rarely | 6 | 8 | 8 | 9 | 9 | 5 | 11 | 8 | 7 |  |

- Vehicle Safety - Safety Belts
- More than eight out of 10 of students buckle up when driving. Overall, 86 percent of students reported always or almost always wearing their safety belt when driving a car.
- Females buckle up more often than males. Nine out of 10 ( $92 \%$ ) female students always or almost always wore their safety belt when driving a car, compared to 82 percent of male students. This difference was similar in 2003 ( $93 \%$ vs $84 \%$ ).

| SAFETY BELT USE |  |  | GRADE |  |  |  | GENDER |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{8}$ | $\mathbf{9}$ | 10 | 11 | $\mathbf{1 2}$ | F | M | 2005 | 2003 |
| Percent of students who <br> wear a safety belt when <br> driving a car |  |  |  |  |  |  |  |  |  |
| Always or almost <br> always | 71 | 82 | 92 | 88 | 85 | 92 | 82 | 86 | 88 |
| Sometimes | 8 | 7 | 3 | 5 | 6 | 4 | 7 | 5 | 5 |
| Never or rarely | 21 | 11 | 4 | 7 | 9 | 5 | 12 | 9 | 7 |

- Vehicle Safety - Bicycle Helmets
- Bicycle helmet use is up since 1993. Overall, 33 percent of students always or almost always wore helmets when riding bicycles, compared to 11 percent in 1993.

| BICYCLE HELMET USE | GRADE |  |  |  |  |  |  |  | GENDER |  |  |  | ALL |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |  |  |  |  |  |
| Frequency of helmet use <br> (in percents) among <br> students who rode a <br> bicycle in the past 12 <br> months |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Always or almost <br> always | 36 | 31 | 30 | 32 | 38 | 36 | 31 | 33 | 38 |  |  |  |  |  |
| Sometimes | 16 | 14 | 12 | 11 | 9 | 14 | 12 | 13 | 12 |  |  |  |  |  |
| Never or rarely | 47 | 54 | 58 | 58 | 54 | 50 | 57 | 54 | 50 |  |  |  |  |  |

- Vehicle Safety - Crashes
- Overall, 8 percent of students were injured in a car crash during the past year.
- Older students are more likely than younger students to have been injured in a car crash. Twelfth graders were almost twice as likely as $8^{\text {th }}$ graders to be injured in a car crash during the past year (11\% vs 6\%).

Percent of students who were injured in a car or other vehicle crash during the past 12 months


## - Vehicle Safety - Crashes

- Almost half of drivers involved in car crashes are young. Forty-four percent of those crashes where students were injured, the driver was 17 years old or younger.
- More males than females who are injured in a car crash are not wearing their safety belt at the time of the crash. Forty-two percent of male students, compared to 29 percent of female students were not wearing their safety belt when injured in a car crash.

| MOTOR VEHICLE <br> CRASHES | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
| Percent of students who <br> were injured in a crash <br> during the past 12 <br> months, and: |  |  |  |  |  |  |  |  |  |
| The driver was 17 <br> years old or younger | 34 | 33 | 37 | 59 | 47 | 43 | 44 | 44 | 44 |
| They were driving | 27 | 19 | 15 | 34 | 53 | 28 | 34 | 32 | 33 |
| They were not <br> wearing their safety <br> belt | 41 | 34 | 40 | 31 | 33 | 29 | 42 | 36 | 30 |

## - Vehicle Safety - Driving Under the Influence

- Riding with drinking drivers has decreased since 1995. Twenty-two percent of students reported riding with a drinking driver during the past 30 days, compared to the same in 2003, 24 percent in 2001, 26 percent in 1999, 31 percent in 1997, and 37 percent of students in 1995.

Percent of students who during the past 30 days rode in a car or other vehicle driven by someone who had been drinking alcohol


- Vehicle Safety - Driving Under the Influence
- Fewer females drink and drive than males. Female students were half as likely as male students to drive a car after drinking alcohol (5\% vs $10 \%)$. This difference is similar to results in 2003 ( $5 \%$ vs $10 \%$ ).
- Older students drink and drive more than younger students. Twelfth graders were two and half times more likely than $10^{\text {th }}$ graders to drive when they had been drinking alcohol ( $15 \%$ vs $6 \%$ ). This difference is similar to results in 2003 ( $16 \%$ vs 6\%).

Percent of students who during the past 30 days
drove a car or other vehicle when they had been drinking alcohol


## - Vehicle Safety - Driving Under the Influence

- Drinking and driving has decreased since 1995. Among $12^{\text {th }}$ graders, drinking and driving decreased from 26 percent in 1995 to 15 percent in 2005. This pattern was similar among $10^{\text {th }}$ grade drivers ( $13 \%$ vs $6 \%$ ).

Drinking and Driving 1993 to 2005
Percent of students who during the past 30 days drove a car or other vehicle when they had been drinking alcohol


## - Vehicle Safety - Driving Under the Influence

- Approximately one-quarter (23\%) of students have ridden with someone who was smoking marijuana.
- Older students ride with someone who has been smoking marijuana more than younger students. Twelfth graders were over three times more likely than $8^{\text {th }}$ graders to have ridden in a car driven by someone smoking marijuana ( $33 \%$ vs $10 \%$ ).

Percent of students who during the past 30 days rode
in a car or other vehicle driven by someone who had been smoking marijuana


## - Vehicle Safety - Driving Under the Influence

- Fewer female students drive when they have been smoking marijuana than male students. Females were less likely than males to report driving when they had been smoking marijuana ( $8 \%$ vs $14 \%)$. This difference was similar in 2003 ( $9 \%$ vs 14\%).
- Older students drive when they have been smoking marijuana more than younger students. Twelfth graders were over two times more likely than $10^{\text {th }}$ graders to drive when they had been smoking marijuana ( $21 \%$ vs $10 \%$ ).

Percent of students who during the past 30 days drove a car or other vehicle when they had been smoking marijuana


## - Suicide

- Suicide plans are down since 1995. Overall, 11 percent of students made a suicide plan during the past 12 months, compared to 13 percent in 2003 and 2001, 16 percent in 1999, 18 percent in 1997, and 22 percent in 1995.
- More females than males consider suicide. Female students were more likely than male students to make a suicide plan ( $15 \%$ vs $8 \%$ ) and actually attempt suicide ( $9 \%$ vs $4 \%$ ). These differences between females and males were similar to results from 2003.

| GRADE |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SUICIDE | $\mathbf{8}$ | $\mathbf{9}$ | 10 | 11 | $\mathbf{1 2}$ | F | M | 2005 | 2003 |
|  |  |  |  |  |  |  |  |  |  |
| Percent of students who <br> during the past 12 <br> months: | 20 | 22 | 22 | 22 | 23 | 29 | 15 | 22 | 23 |
| Felt so sad or <br> hopeless almost <br> every day for at least <br> 2 weens that they <br> stopped doing some <br> usual activities | 11 | 12 | 11 | 11 | 11 | 15 | 8 | 11 | 13 |
| Made a plan about <br> how to attempt <br> suicide | 6 | 7 | 6 | 6 | 5 | 9 | 4 | 6 | 7 |
| Actually attempted <br> suicide | 2 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 2 |
| Attempted suicide <br> and required medical <br> treatment | 2 |  |  |  |  |  |  |  |  |

## Alcohol, Tobacco, and Other Drugs

The questions in this section ask students about their use of alcohol, tobacco products, marijuana, inhalants, cocaine, steroids, heroin, hallucinogens, and methamphetamines. The questions ask the age at which students first used alcohol, cigarettes, marijuana, cocaine, and inhalants and how often they use them now.

- Alcohol Use is a major contributing factor in one half to two-thirds of all homicides and serious assaults, ${ }^{24}$ and approximately 40 percent of all motor vehicle crashes that result in injury. ${ }^{22}$ Approximately 100,000 American deaths per year are attributable to misuse of alcohol. ${ }^{24}$ Heavy drinking among youth has been linked to physical fights, property destruction, academic and job problems, trouble with law enforcement authorities, ${ }^{25}$ risky sexual behavior, ${ }^{26}$ and use of cigarettes, ${ }^{27,28}$ marijuana, cocaine, and other illegal drugs. ${ }^{27}$
- Tobacco Use is the single most preventable cause of death in the United States, ${ }^{29}$ accounting for more than one of every five deaths. ${ }^{30}$ Cigarette smoking increases the risk of heart disease; chronic obstructive pulmonary disease; acute respiratory illness; stroke; and cancers of the lung, larynx, oral cavity, pharynx, pancreas, and cervix. ${ }^{29}$ In addition, cigarette smokers are more likely than nonsmokers to drink alcohol, use marijuana and cocaine, engage in a physical fight, carry a weapon, and attempt suicide. ${ }^{31}$ Cigar smoking has become increasingly common among young people. In fact, the prevalence of cigar use in 2003 among US high school students was 20 percent among males and 9 percent among females. ${ }^{29}$ Cigar smoking has been associated with lung cancer, coronary heart disease, and with chronic obstructive lung disease. ${ }^{33}$ Smokeless tobacco use primarily begins in adolescence, with an average age of initiation of 16.7 years. ${ }^{34}$ Approximately 75 percent of oral cavity and pharyngeal cancers are attributed to the use of smoked and smokeless tobacco. ${ }^{35}$
- Marijuana Use is associated with smoking-related respiratory damage, short-term memory loss, decreased motivation, and psychological dependence. ${ }^{36}$ More teens enter treatment with a primary diagnosis for marijuana dependence than for all other illicit drugs combined. ${ }^{37}$
- Inhalant Use is the deliberate inhalation or sniffing of common products found in homes and schools, like glue and cleaners, and some gases intended for medical or dental purposes to obtain a "high". Inhalant use can cause short-term memory loss, brain, lung, liver, and kidney damage, or even sudden death. Inhalants are legal, easy to get, inexpensive and difficult to detect, and experimentation typically begins in the preteen years. ${ }^{38}$


## Alcohol, Tobacco, and Other Drugs (cont'd)

- Other Drug Use is related to suicide, early unwanted pregnancy, school failure, delinquency, and transmission of sexually transmitted diseases (STD), including HIV infection. ${ }^{39}$ In spite of improvements in recent years, illicit drug use is greater among high school students and other young adults in the United States than in any other industrialized nation in the world. ${ }^{40}$


## Related Healthy Vermonters 2010 Goals:

- Reduce the percentage of youth who use alcohol prior to age 13 to 0 percent.
- Reduce the percentage of youth who engage in binge drinking in the past month to 3 percent or less.
- Reduce the percentage of youth who smoked cigarettes in the past month to 16 percent or less.
- Reduce the percentage of youth who used spit tobacco in the past month to 1 percent of less.
- Reduce the percentage of youth who smoked cigars, cigarillos, or little cigars in the past month to 8 percent of less.
- Reduce the percentage of youth who used marijuana in the past month to 0.7 percent or less.
- Alcohol Use
- The majority of students do not drink. Overall, 37 percent of students drank alcohol, compared to 39 percent in 2003, 43 percent in 2001, 46 percent of students in 1999, 50 percent in 1997 and 53 percent in 1995.
- Alcohol use increases across grades. More $12^{\text {th }}$ graders than $8^{\text {th }}$ graders drank alcohol ( $50 \%$ vs $19 \%$ ).

Percent of students who consumed at least one drink of alcohol during the past 30 days


- Alcohol Use
- Less drinking. Alcohol use among $12^{\text {th }}$ graders dropped from 65 percent in 1997 to 50 percent in 2005. Alcohol use among $10^{\text {th }}$ graders dropped from 50 percent in 1993 to 41 percent in 2005. Alcohol use among $8^{\text {th }}$ graders dropped from 40 percent in 1995 to 19 percent in 2005.

Alcohol Use in Vermont 1993 to 2005 Percent of students who drank during the past $\mathbf{3 0}$ days


## - Alcohol Use

- Approximately, one out of five students binge drink. Binge drinking is defined as having five or more drinks of alcohol within a couple of hours. Overall, 21 percent of students reported binge drinking during the past 30 days.
- Older students binge drink more than younger students. Twelfth graders were over four times as likely as $8^{\text {th }}$ graders to binge drink ( $33 \%$ vs $7 \%$ ). The difference between $12^{\text {th }}$ and $8^{\text {th }}$ graders was similar in 2003 ( $38 \%$ vs 9\%).

Percent of students who binged on alcohol (had five or more drinks of alcohol within a couple of hours)
during the past 30 days


- Alcohol Use
- Binge drinking is decreasing.

Among $8^{\text {th }}$ graders binge drinking decreased from 19 percent in 1995 to 7 percent in 2005. Among $10^{\text {th }}$ graders, binge drinking decreased from 37 percent in 1995 to 24 percent in 2005. Among $12^{\text {th }}$ graders, binge drinking decreased from 44 percent in 1997 to 33 percent in 2005.

## Alcohol Use in Vermont 1993 to 2005

Percent of students who "binged" during the past 30 days


## - Alcohol Use

- Over six out of 10 students have had a drink of alcohol.
In 2005, 64 percent of students had consumed alcohol, other than a few sips.
- Females start drinking alcohol later than males.
Female students were less likely than male students to report consuming alcohol before age 13 ( $18 \%$ vs $26 \%$ ). The difference between females and males was similar in 2003 ( $21 \%$ vs $28 \%$ ).
- Males drink more frequently than females. Female students were half as likely as male students to have consumed alcohol on 10 or more days during the past month ( $3 \%$ vs $6 \%$ ). The difference between females and males was similar in 2003 (4\% vs 7\%).

| ALCOHOL USE | GRADE |  |  |  | GENDER |  |  | ALL |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | F | M | 2005 | $\mathbf{2 0 0 3}$ |
| Percent of students who: |  |  |  |  |  |  |  |  |  |
| Have ever had a drink <br> of alcohol, other than <br> a few sips | 41 | 55 | 70 | 76 | 78 | 63 | 65 | 64 | 65 |
| First consumed <br> alcohol, other than a <br> few sips, before 13 <br> years of age | 26 | 24 | 22 | 20 | 15 | 18 | 26 | 22 | 25 |
| Drank alcohol on 3-9 <br> days during the past <br> 30 | 5 | 11 | 15 | 19 | 21 | 13 | 15 | 14 | 15 |
| Drank alcohol on 10 <br> or more days during <br> the past 30 days | 2 | 3 | 4 | 8 | 8 | 3 | 6 | 5 | 6 |
| "Binged" on alcohol 3 <br> or more days during <br> the past 30 | 2 | 5 | 9 | 12 | 17 | 6 | 11 | 9 | 14 |
| Drank alcohol on <br> school property <br> during the past 30 | 1 | 4 | 5 | 6 | 5 | 3 | 5 | 4 | 5 |

## - Alcohol Use

- Most students obtain alcohol by someone giving it to them or by giving someone money to buy it for them. Overall, 36 percent of the students who drank during the past 30 days reported someone gave them alcohol and 22 percent reported giving someone money to buy alcohol for them.
- Some students obtain alcohol from home. Among students who drank alcohol during the past 30 days, 19 percent of females and 15 percent of males got their alcohol from home (17\% overall).

Where students get their alcohol (only among students who drank during the past 30 days)

FEMALES


MALES


- Tobacco Use
- The majority of students have never smoked a whole cigarette. In 2005, 30 percent of students had ever smoked a whole cigarette down from 59 percent in 1997.
- More older students than younger students have smoked. Over two times as many $12^{\text {th }}$ graders have ever smoked a whole cigarette as $8^{\text {th }}$ graders ( $40 \%$ vs $18 \%$ ). This difference was similar in 2003 (53\% vs 23\%).

Percent of students who have ever smoked a whole cigarette


- Tobacco Use
- Smoking continues to decline. Overall, 16 percent of students reported smoking at least once during the past 30 days, 20 percent in 2003, 22 percent in 2001, 31 percent in 1999, 36 percent in 1997 and 38 percent in 1995.
- More older students than younger students smoke. In 2005, 23 percent of $12^{\text {th }}$ graders smoked cigarettes during the past 30 days, compared to 8 percent of $8^{\text {th }}$ graders. This difference was similar in 2003 ( $33 \%$ vs 11\%).

Percent of students who smoked cigarettes on one or more days during the past 30 days


## - Tobacco Use

- Cigarette smoking is decreasing. Smoking during the past 30 days increased from 1993 to 1995 and is now declining. From 1995 to 2005 cigarette use decreased from 45 to 23 percent among $12^{\text {th }}$ graders, 41 to 16 percent among $10^{\text {th }}$ graders and 29 to 8 percent among $8^{\text {th }}$ graders.

Cigarette Smoking in Vermont 1993 to 2005
Percent of students who smoked cigarettes
during the last 30 days


- Tobacco Use
- Overall, 6 percent of Vermont students smoke daily. Daily smoking among students has decreased from 13 percent in 1999 to 6 percent in 2005.
- More older students than younger students are regular smokers. In 2005, 10 percent of $12^{\text {th }}$ graders smoked every day, compared to only 3 percent of $8^{\text {th }}$ graders.

Percent of students who smoked cigarettes every day during the past 30 days


- Tobacco Use
- Fourteen percent of Vermont students started smoking prior to age 13.
- Overall, 9 percent of all students reported trying to quit smoking during the past 12 months.
- More males than females chew tobacco. Male students were six times more likely than female students to chew tobacco (12\% vs 6\%).

| TOBACCO USE | GRADE |  |  |  | GENDER |  |  | ALL |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |
| Percent of students who: |  |  |  |  |  |  |  |  |  |
| Smoked a whole <br> cigarette prior to age <br> 13 | 13 | 15 | 14 | 12 | 13 | 12 | 15 | 14 | 18 |
| Smoked more than 10 <br> cigarettes on days <br> smoked during the <br> past 30 days | 1 | 1 | 2 | 3 | 4 | 2 | 3 | 2 | 4 |
| Smoked more than a <br> pack on days smoked <br> during the past 30 <br> days | 1 | 0 | 1 | 1 | 2 | 0 | 1 | 1 | 1 |
| Tried to quit smoking <br> cigarettes during the <br> past 12 months | 6 | 9 | 9 | 10 | 10 | 10 | 8 | 9 | 12 |
| Used chewing <br> tobacco or snuff <br> during the past 30 <br> days | 4 | 6 | 8 | 9 | 8 | 2 | 12 | 7 | 5 |

- Tobacco Use
- Over half (52\%) of Vermont students were in the same room with someone who was smoking cigarettes during the past 7 days.
- Overall, 39 percent of students were in a car with someone who was smoking cigarettes during the past 7 days.

| TOBACCO USE | GRADE |  |  |  | GENDER |  |  |  | ALL |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: |
|  | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | F | M | 2005 | $\mathbf{2 0 0 3}$ |  |
| Percent of students who, <br> during the past 7 days: |  |  |  |  |  |  |  |  |  |  |
| Were in the same <br> room with someone <br> who was smoking <br> cigarettes | 49 | 53 | 52 | 53 | 55 | 53 | 52 | 52 | 54 |  |
| Were in a car with <br> someone who was <br> smoking cigarettes | 36 | 39 | 40 | 38 | 41 | 39 | 38 | 39 | 40 |  |

- Marijuana Use
- The majority of students have never tried marijuana. Overall, 37 percent of students tried marijuana, down from 47 percent in 1999.

Percent of students who have ever tried marijuana


## - Marijuana Use

- Over one-fifth of Vermont students use marijuana. Overall, 22 percent of students used marijuana during the past 30 days, down from 32 percent in 1997.
- More older students use marijuana than younger students. Thirty percent of $12^{\text {th }}$ grade students used marijuana, compared to 8 percent of $8^{\text {th }}$ grade students. The difference between $12^{\text {th }}$ and $8^{\text {th }}$ graders is similar to results in 2003 ( $37 \%$ vs $10 \%$ ).

Percent of students who used marijuana one or more times during the past 30 days


## - Marijuana Use

- Marijuana use increased from 1993 to 1997 but has begun to decline. The percentage of students who used marijuana during the past 30 days increased from 1993 to 1997 and is now starting to decline.
- Marijuana use is starting to decrease especially among younger students. Among $8^{\text {th }}$ graders, use decreased from 19 percent in 1997 to 8 percent in 2005. Among $10^{\text {th }}$ graders, use decreased from 38 percent in 1997 to 25 percent in 2005. Among $12^{\text {th }}$ graders, use decreased from 39 percent in 1997 to 30 percent in 2005.


## Marijuana Use 1993 to 2005

## Percent of students who smoked marijuana

 one or more times during the past 30 days


## - Marijuana Use

- Overall, 9 percent of students have smoked marijuana by age 13 .
- Overall, 6 percent of students have used marijuana on school property.

| GARIJUANA USE |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | F | M | 2005 | $\mathbf{2 0 0 3}$ |
| Percent of students who: |  |  |  |  |  |  |  |  |  |
| Tried marijuana <br> before age 13 | 8 | 9 | 10 | 8 | 9 | 6 | 12 | 9 | 12 |
| Used marijuana 3 to 9 <br> times during the past <br> 30 days | 2 | 4 | 8 | 8 | 7 | 5 | 6 | 6 | 6 |
| Used marijuana 10 or <br> more times during the <br> past 30 days | 3 | 7 | 9 | 13 | 16 | 7 | 12 | 9 | 11 |
| Used marijuana one <br> or more times on <br> school property | 2 | 5 | 7 | 8 | 9 | 4 | 8 | 6 | 7 |

- Inhalant Use
- Inhalant use is down since 1995. Overall, 12 percent of students tried inhalants, compared to 13 percent in 2003, 14 percent in 2001, 17 percent in 1999, 22 percent in 1997 and 27 percent in 1995.

Percent of students who have ever used inhalants (e.g., sniffed glue, breathed the contents of aerosol spray cans, inhaled any paints or sprays to get high)


- Inhalant Use
- Half of students who have used inhalants tried them prior to age 13. Overall, 6 percent of students used inhalants prior to age 13 compared to 6 percent of students trying inhalants at age 13 or older.

Age at which students first tried inhalants

## FEMALES



MALES


## - Other Drug Use

- Overall, 6 percent of Vermont students have used cocaine. In 2003, 8 percent of students had used cocaine during their lifetime.

| COCAINE USE | GRADE |  |  |  | GENDER |  |  |  | ALL |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | F | M | $\mathbf{2 0 0 5}$ | $\mathbf{2 0 0 3}$ |  |
| Percent of students who <br> have used cocaine: |  |  |  |  |  |  |  |  |  |  |
| During their lifetime | 3 | 4 | 6 | 8 | 13 | 6 | 8 | 6 | 8 |  |
| Prior to age 13 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 |  |
| During the past 30 <br> days | 2 | 3 | 4 | 5 | 7 | 3 | 5 | 4 | 4 |  |

## - Other Drug Use

- Overall, 3\% of Vermont students have used heroin.
- Less students are offered drugs at school since 1997. In 2005, 20 percent of students were offered, sold, or given an illegal drug on school property, compared to 26 percent in 2003 and 2001, 28 percent in 1999 and 35 percent in 1997.

| OTHER DRUG USE | GRADE |  |  |  | GENDER |  |  |  | ALL |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |  |
| Percent of students who <br> during their lifetime <br> have: |  |  |  |  |  |  |  |  |  |  |
| Taken steroids <br> without a prescription | 3 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 |  |
| Used heroin | 2 | 2 | 3 | 3 | 4 | 2 | 4 | 3 | 3 |  |
| Used heroin prior to <br> age 13 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 |  |
| Used <br> methamphetamines | 2 | 4 | 5 | 6 | 7 | 4 | 6 | 5 | 6 |  |
| Used hallucinogens | 4 | 6 | 10 | 14 | 18 | 9 | 12 | 10 | 12 |  |
| Used a needle to <br> Unject any illegal drug <br> into their body | 2 | 2 | 2 | 3 | 3 | 1 | 3 | 2 | 2 |  |
| Percent of students who <br> were offered, sold, or <br> given an illegal drug on <br> school property during <br> the past 12 months | 9 | 20 | 24 | 24 | 24 | 17 | 24 | 20 | 26 |  |

## - Other Drug Use

- Students are more likely to talk with friends than adults about a drug problem.
Overall, 52 percent of students would most likely talk to a friend about a drug problem. Students would more likely talk to a parent than another adult about a drug problem.

If you had a problem with tobacco, alcohol, or other drugs, who would you be most likely to talk to about it?

FEMALES


MALES


## Attitudes and Perceptions about Alcohol, Tobacco, and Marijuana Use

The questions in this section ask students how easy it is to get alcohol, tobacco, and marijuana, whether they think it is wrong for someone their age to use alcohol, tobacco, and marijuana, how wrong their parents and other adults in their community think it is for someone their age to use alcohol, tobacco, and marijuana, how harmful they think it is to use alcohol, tobacco, and marijuana.

- Disapproval of alcohol, tobacco, and marijuana: Peer disapproval of substance abuse is inversely related to adolescents' reports of use. For example, multiyear tracking of the results of the Monitoring the Future Survey indicates that the prevalence of marijuana use among youth declines as the percentage of youth expressing disapproval of marijuana increases; similarly, an increase in the prevalence of marijuana use among youth during the early 1990s coincided with an apparent decline in the percentage of parents and peer expressing strong disapproval. ${ }^{41}$
- Perceived harmfulness of alcohol, tobacco, and marijuana: The perception of risk in using alcohol and other drugs is an important factor in decreasing use. Data have shown that as perception of harmfulness decreases, there is a tendency for use to increase. ${ }^{41}$ Therefore, it is important for youth to be informed of the risks of using alcohol, tobacco, and other drugs.
- Perceived availability of alcohol, tobacco, and marijuana: The more available alcohol, tobacco, and other drugs are in a community, the higher the risk that young people will use them. Even when youth just think that substances are available, a higher rate of use is often observed. ${ }^{42}$


## - Disapproval of Alcohol, Tobacco, and Other Drug Use

- Younger students more than older students report that their parents think it is wrong for them to use alcohol, cigarettes, or marijuana. For example, 96 percent of $8^{\text {th }}$ graders think that their parents think it is wrong for them to smoke cigarettes, compared to 84 percent of $12^{\text {th }}$ graders.
- Disapproval of smoking cigarettes is increasing. In 2005, 78 percent of students thought it was wrong for kids their age to smoke cigarettes, compared to 72 percent in 2003, 65 percent in 2001 and 57 percent in 1999.



## - Perceived Harmfulness of Alcohol, Tobacco, and Other Drug Use

- More students think there is great risk in smoking cigarettes than in using marijuana. Overall, 70 percent of students think that there is great risk in people harming themselves from smoking one or two packs per day compared to 47 percent of students who think that there is great risk in using marijuana regularly.

| PERCEIVED <br> HARMFULNESS | GRADE |  |  |  |  |  |  |  |  |  | GENDER |  |  |  | ALL |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |  |  |  |  |  |  |  |
| Percent of students who <br> think that there is great <br> risk in people harming <br> themselves from: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Smoking one or more <br> packs of <br> cigarettes/day | 69 | 66 | 72 | 72 | 72 | 74 | 66 | 70 | 66 |  |  |  |  |  |  |  |
| Drinking one or two <br> alcoholic beverages <br> nearly every day | 28 | 25 | 24 | 24 | 24 | 31 | 19 | 25 | 23 |  |  |  |  |  |  |  |
| Using marijuana <br> regularly | 64 | 50 | 44 | 39 | 34 | 54 | 41 | 47 | 45 |  |  |  |  |  |  |  |

- Perceived Availability of Alcohol, Tobacco, and Other Drugs
- Alcohol and cigarettes are easy to get. Approximately two-thirds of students report that alcohol (71\%) and cigarettes (68\%) are easy to get, compared to marijuana (58\%).

| PERCEIVED <br> AVAILABILITY OF ATOD |  | GRADE |  |  |  | GENDER |  | ALL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |
| Percent of students who report that it is easy or very easy to get: |  |  |  |  |  |  |  |  |  |
| Cigarettes | 43 | 58 | 71 | 82 | 89 | 67 | 70 | 68 | 69 |
| Alcohol | 55 | 64 | 75 | 80 | 82 | 71 | 71 | 71 | 70 |
| Marijuana | 28 | 50 | 65 | 73 | 75 | 55 | 60 | 58 | 61 |

## - Perceived Availability of Alcohol, Tobacco, and Other Drugs

- Over half of students know an adult who uses illegal drugs. Overall, 55 percent of students reported knowing an adult who has used an illegal drug during the past year.
- More older students than younger students know an adult who uses illegal drugs. In 2005, 62 percent of $12^{\text {th }}$ graders reported knowing an adult who has used an illegal drug during the past year, compared to 43 percent of $8^{\text {th }}$ graders.

Percent of students who know an adult who has used marijuana, cocaine, or another illegal drug during the past year.


## - Perceived Availability of Alcohol, Tobacco, and Other Drugs

- Almost one-third of students know an adult who sells drugs. Overall, 31 percent of students reported knowing an adult who has sold drugs during the past year.

Percent of students who know an adult who has sold drugs
during the past year.


## Sexual Behavior

The questions in this section ask students about sexual behaviors that contribute to HIV infection, and other sexually transmitted diseases. More specifically, the questions measure whether they have had sexual intercourse, the age at which they first had sex, the frequency with which they have sex, with whom they have sex, alcohol and drug use related to sexual intercourse, whether they use contraception, whether they talked about AIDs or HIV with a family member, and sexual orientation.

- Early sexual activity and multiple sexual partners are associated with an increased risk of unwanted pregnancy and sexually transmitted diseases (STD), including HIV infection, ${ }^{43}$ and negative effects on social and psychological development. ${ }^{44}$ Alcohol and drug use may serve as predisposing factors for initiation of sexual activity and unprotected sexual intercourse. ${ }^{45}$ Of the 12 million new cases of STDs per year in the United States, 25 percent are among teens. ${ }^{46}$ STDs may result in infertility and facilitation of HIV transmission and may have an adverse effect on pregnancy outcome and maternal and child health. ${ }^{44}$
- AIDS is the eighth leading cause of death for youth aged 15 to 24 in the United States. ${ }^{10}$ It is estimated that 25 percent of all new cases of HIV each year occur in people aged 13 to $21 .{ }^{46}$ While heterosexual transmission was once uncommon, recent trends indicate that growing numbers of individuals are at risk of contracting HIV in this way. Many people, especially adolescents, do not have the knowledge, awareness, and skills necessary to prevent their becoming infected. Besides abstinence, condom use is currently the most effective means of preventing sexual transmission of HIV.

In Vermont, 435 residents were diagnosed as having AIDS as of December 31, 2002. ${ }^{47}$ Many more Vermonters are at risk of acquiring HIV infection through unprotected sex with multiple partners or intravenous drug use. No area of the state remains unaffected.

- Teen Pregnancy: Approximately 900,000 teenage girls in the United States became pregnant in 1997 and a little over half gave birth. ${ }^{48}$ Sixty-six percent of all births among teenagers are the result of unintended pregnancy. ${ }^{49}$ In 2003, the pregnancy rate in Vermont for girls aged 15-17 was 14.1 pregnancies per 1,000 , which has dropped since 1991 ( 37.8 pregnancies per 1,000 ). ${ }^{50}$


## Sexual Behavior (cont'd)

- Gay and Lesbian Youth: Although many lesbian, gay, and bisexual adolescents lead happy and healthy lives, others face tremendous challenges to growing up physically and mentally healthy. Compared to heterosexual youth, lesbian, gay, and bisexual young people are at higher risk for depression, alcohol and other drug use, suicide, HIV infection, and other sexually transmitted diseases. ${ }^{51}$


## Related Healthy Vermonters 2010 Goals:

- Increase the percentage of adolescents who abstain from sexual intercourse or use condoms if currently sexually active.
- Reduce HIV infection among adolescents and adults.
- Further reduce the percentage of people ages 15-24 with

Chlamydia trachomatis infection.

- Sexual Behavior
- Over one-third of students have had sex. In 2005, 36 percent of students reported having had sexual intercourse.

Percent of students who have ever had sexual intercourse


- Sexual Behavior
- More than one-quarter of Vermont students are sexually active. Overall, 27 percent of students reported having had sex during the past 3 months.
- More older students than younger students are sexually active. In 2005, 48 percent of $12^{\text {th }}$ graders had sex during the past 3 months, compared to 9 percent of $8^{\text {th }}$ graders.

Percent of students who have had sexual intercourse during the past 3 months


## - Sexual Behavior

- Overall, 3 percent of Vermont students have had sexual intercourse with three or more people during the past 3 months.

Percent of students who have had sexual intercourse with three or more people during the past 3 months


- Sexual Behavior
- Overall, 9 percent of students have had sexual intercourse with four or more people in their lifetime.

Percent of students who have had sexual intercourse with four or more people during their lifetime


## - Sexual Behavior

- Males have sex earlier than females. Males are twice as likely as females to have had sex prior to age 13 ( $8 \%$ vs $4 \%)$.
- Almost one-quarter (24\%) of sexually active students used alcohol or drugs prior to sex, down from 30 percent in 1997.
- Almost two-thirds of sexually active students use condoms. Overall, 65 percent of sexually active students used a condom during their most recent sexual experience up from 57 percent in 1997.

| SEXUAL BEHAVIOR | GRADE |  |  |  | GENDER |  |  |  | ALL |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: |
|  | $\mathbf{8}$ | $\mathbf{9}$ | 10 | 11 | 12 | F | M | 2005 | $\mathbf{2 0 0 3}$ |  |
| Percent of students who: |  |  |  |  |  |  |  |  |  |  |
| First had sexual <br> intercourse before <br> age 13 | 8 | 7 | 5 | 4 | 4 | 4 | 8 | 6 | 6 |  |
| Used drugs or alcohol <br> before their most <br> recent sexual <br> experience* | 22 | 29 | 28 | 21 | 21 | 19 | 28 | 24 | 26 |  |
| Used a condom <br> during their most <br> recent sexual <br> experience* | 69 | 75 | 73 | 65 | 57 | 60 | 70 | 65 | 60 |  |

*Includes only students who said that they have had sexual intercourse

## - Sexual Behavior

- Condoms are the most commonly used contraceptive. Overall, 52 percent of students used condoms to prevent pregnancy the last time they had sex.
- Many students do not use any method to prevent pregnancy. Overall, 9 percent of students did not use any method to prevent pregnancy the last time they had sex, and 4 percent were not sure what method was used.

What method did you or your partner use to prevent pregnancy the last time you had sexual intercourse?
(only among those students who have ever had sex)
FEMALES


MALES


## - Sexual Behavior

- Overall, 2 percent of students have engaged in same sex sexual intercourse.

The persons with whom you have had sexual intercourse are:
FEMALES


MALES


## - Sexual Orientation

- Overall, 1 percent of students describe themselves as gay or lesbian. In addition, 3 percent describe themselves as bisexual and 3 percent are not sure.


## Self-reported sexual orientation:

FEMALES


MALES


## - Sexual Behavior

- More females than males talk with their parents about HIV infection. Forty-six percent of female students, compared to 40 percent of male students have talked with their parents about HIV or AIDS.

| HIV EDUCATION | GRADE |  |  |  | GENDER |  |  |  | ALL |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | F | $\mathbf{M}$ | $\mathbf{2 0 0 5}$ | $\mathbf{2 0 0 3}$ |  |
| Percent of students who: |  |  |  |  |  |  |  |  |  |  |
| Have talked with <br> parents or other <br> adults in their family <br> about HIV/AIDS | 39 | 43 | 45 | 44 | 45 | 46 | 40 | 43 | 52 |  |

## Body Weight and Nutrition

This section asks students their height and weight, how they feel about their weight and what, if anything, they are doing to control their weight. The questions also inquire about how often students eat fruits and vegetables and drink milk.

- There are more than twice as many overweight children and more than three times as many overweight adolescents as there were in $1980 .{ }^{52}$ Overweight and obesity acquired during childhood or adolescence may persist into adulthood. ${ }^{53}$ Approximately 400,000 deaths a year in the US are currently associated with overweight and obesity and, left unabated, overweight and obesity may soon overtake tobacco as the leading cause of death. ${ }^{30}$

Obesity in adolescence is associated with hyperlipidemia, hypertension, abnormal glucose tolerance, and adverse psychological and social consequences. ${ }^{54}$ Overemphasis on thinness during adolescence may contribute to eating disorders such as anorexia nervosa and bulimia. ${ }^{55,56}$ Studies have shown high rates of body dissatisfaction and dieting among adolescent females, with many engaging in unhealthy weight control behaviors, such as fasting and self-induced vomiting which can lead to abnormal physical and psychological development. ${ }^{54,57}$ It is estimated that as many as seven to eight percent of females in the US suffer from anorexia nervosa and/or bulimia nervosa during their lifetime. ${ }^{5}$

- Nutrition: Fruits and vegetables are good sources of complex carbohydrates, vitamins, minerals, and other substances that are important for good health. Dietary patterns with higher intakes of fruits and vegetables are associated with a variety of health benefits, including a decreased risk for some types of cancer. ${ }^{59.64}$ Milk is by far the largest single source of calcium for adolescents ${ }^{65}$, but it is estimated that about half of adolescent males and more than 80 percent of adolescent females do not meet dietary recommendations for calcium intake. ${ }^{66}$ Calcium is essential for the formation and maintenance of bones and teeth; low calcium intake during the first two to three decades of life is an important risk factor in the development of osteoporosis. ${ }^{63,67}$


## $\checkmark$ Body Weight and Nutrition

## Related Healthy Vermonters 2010 Goals:

- Reduce the percentage of youth who are obese or overweight.
- Increase the percentage of people who eat at least two daily servings of fruit.
- Increase the percentage of people who eat at least three daily servings of vegetables.


## - Body Weight

- Overall, 14 percent of students are at risk for being overweight.
- Overall, 10 percent of students are overweight. Male students were twice as likely to be overweight than females ( $13 \%$ vs $6 \%$ ).

| BODY WEIGHT | GRADE |  |  |  |  | GENDER |  |  | ALL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |
| Percent of students who are at risk for being overweight (85 ${ }^{\text {th }}$ Body Mass Index Percentile*) | 14 | 15 | 14 | 14 | 11 | 12 | 15 | 14 | 15 |
| Percent of students who are overweight ( $95^{\text {th }}$ Body Mass Index Percentile*) | 11 | 10 | 10 | 9 | 10 | 6 | 13 | 10 | 11 |

*Body mass index is calculated as weight in kilograms divided by the square of the height in meters.

## - Body Weight

- More females than males think they are overweight and are trying to lose weight. In 2005, 34 percent of female students described themselves as overweight, compared to 24 percent of male students. The difference between females and males was similar in 2003 (37\% vs 26\%). In addition, 58 percent of female students are trying to lose weight, compared to 27 percent of male students. This difference was similar in 2003 ( $60 \%$ vs $26 \%$ ).

| BODY WEIGHT <br> DESCRIPTION | GRADE |  |  |  |  | GENDER |  | ALL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |
| Percent of students who describe themselves as: |  |  |  |  |  |  |  |  |  |
| Underweight | 15 | 13 | 14 | 11 | 12 | 10 | 15 | 13 | 14 |
| About the right weight | 56 | 58 | 58 | 58 | 59 | 55 | 60 | 58 | 55 |
| Overweight | 29 | 29 | 28 | 31 | 29 | 34 | 24 | 29 | 31 |
| Percent of students who are: |  |  |  |  |  |  |  |  |  |
| Trying to lose weight | 40 | 42 | 41 | 45 | 41 | 58 | 27 | 42 | 43 |
| Trying to gain weight | 9 | 11 | 12 | 13 | 13 | 4 | 19 | 12 | 12 |
| Trying to stay the same | 22 | 20 | 21 | 17 | 18 | 19 | 21 | 20 | 18 |
| Doing nothing about their weight | 29 | 27 | 26 | 24 | 28 | 20 | 33 | 27 | 27 |

- Body Weight
- More males than females are trying to gain weight. Male students were almost five times more likely than female students to be trying to gain weight (19\% vs 4\%). Similarly, 20 percent of male students in 2003 were trying to gain weight, compared to 3 percent of female students.

What are students trying to do about their weight?

## FEMALES



MALES


- Body Weight
- More females than males used unhealthy methods to try to control their weight. Female students were more likely than male students to have vomited or taken laxatives ( $7 \%$ vs $3 \%$ ) and taken diet pills (5\% vs 2\%) to try and control their weight.

What females and males did during the past 30 days to control their weight


## - Nutrition

- Overall, 37 percent of students eat two or more servings of fruit or fruit juice daily.
- Overall, 14 percent of students eat three or more servings of vegetables daily.
- Overall, 24 percent of students eat five or more servings of fruits and vegetables daily. The percent of students who ate five or more servings of fruits and vegetables per day has decreased since 1999 (24\% vs $33 \%$ ).
- About one-fourth (24\%) of students drink 3 or more glasses of milk daily. In 2005, 31 percent of male students drank three or more glasses of milk per day, compared to 16 percent of female students.

| FRUITS, VEGETABLES \& MILK CONSUMPTION |  | GRADE |  |  | GENDER |  |  | ALL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |
| Percent of students who: |  |  |  |  |  |  |  |  |  |
| Eat 2 or more servings of fruit or fruit juice per day | 36 | 35 | 37 | 38 | 38 | 35 | 38 | 37 | 40 |
| Eat 3 or more servings of vegetables per day | 14 | 14 | 13 | 13 | 14 | 13 | 14 | 14 | 16 |
| Eat 5 or more servings of fruits and vegetables per day | 24 | 23 | 25 | 24 | 24 | 23 | 25 | 24 | 27 |
| Drink 1 or more glasses of milk per day | 65 | 58 | 59 | 60 | 57 | 51 | 66 | 59 | 61 |
| Drink 3 or more glasses of milk per day |  | 25 | 24 | 21 | 19 |  | 31 | 24 | 26 |

## Physical Activity

This section asks students how often they engage in vigorous and moderate physical activities and physical education classes. Students are also asked how often they watch television and play on the computer for fun or play video games.

- Regular physical activity helps build and maintain healthy bones and muscles, control weight, build lean muscle, and reduce fat; reduces feelings of depression and anxiety; and promotes psychological well-being. ${ }^{68}$ In the long term, regular physical activity decreases the risk of dying prematurely, dying of heart disease, and developing diabetes, colon cancer, and high blood pressure. ${ }^{68}$
- School physical education classes: Major decreases in vigorous physical activity occur during grades 9 through 12, particularly for girls; by $11^{\text {th }}$ grade, more than half of female students in the US are not participating regularly in vigorous physical activity. ${ }^{32}$ School physical education classes can increase adolescent participation in moderate to vigorous physical activity ${ }^{69-71}$ and help adolescents develop the knowledge, attitudes, and skills they need to engage in lifelong physical activity. ${ }^{72}$
- Television viewing is the principal sedentary leisure time behavior in the US. Studies have shown that television viewing in young people is related to obesity ${ }^{73,74}$ and violent or aggressive behavior. ${ }^{75,76}$ Using the computer for fun and playing video games have become increasingly common sedentary leisure time activities among young people as well.


## Related Healthy Vermonters 2010 Goals:

- Increase the percentage of middle and junior high schools that require daily physical education for all students.
- Physical Activity
- Almost seven out of 10 students participated in aerobic exercise. Overall, 67 percent of students participated in three or more days per week of aerobic exercise, compared to 67 percent in 2003, 69 percent in 2001, 64 percent in 1999 and 62 percent in 1997.
- Fewer females participate in aerobic exercise than males. Less than two-thirds (62\%) of female students exercised aerobically three or more days per week, compared to over threefourths (71\%) of male students.

Percent of students who participated in aerobic exercise* three or more days during the past 7 days

*Activities that caused sweating and hard breathing for at least 20 minutes.

- Physical Activity
- Overall, 27 percent of students exercised moderately five or more days per week.

Percent of students who exercised moderately* five or more days during the past 7 days


* Activities that did not cause sweating and hard breathing, such as bicycling, skating, and pushing a lawn mower for at least 30 minutes.


## - Physical Activity

- More PE in lower grades.

Ninety-two percent of $8^{\text {th }}$ graders, compared to only 24 percent of $12^{\text {th }}$ graders, participated in at least one physical education class per week. The difference between $8^{\text {th }}$ and $12^{\text {th }}$ graders was similar in 2003 ( $87 \%$ vs 27\%).

- Overall, 90 percent of students exercise more than 20 minutes during PE class.

| PHYSICAL EDUCATION | GRADE |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{8}$ | $\mathbf{9}$ | 10 | $\mathbf{1 1}$ | $\mathbf{1 2}$ | F | M | 2005 | 2003 |
| Percent of students who <br> participated in: |  |  |  |  |  |  |  |  |  |
| Physical education <br> classes at least once <br> during the past 7 days | 92 | 74 | 56 | 29 | 24 | 52 | 59 | 56 | 56 |
| Physical education <br> classes five days <br> during the past 7 days | 18 | 17 | 16 | 9 | 8 | 13 | 15 | 14 | 17 |
| More than 20 minutes <br> of exercise or sports <br> during an average PE <br> class | 88 | 89 | 94 | 92 | 93 | 90 | 90 | 90 | 87 |

## - Physical Activity

- Over one-third (36\%) of students spend three or more hours a school day watching TV, playing video games, or playing on the computer for fun.
- Overall, 10 percent of students spend five or more hours per school day watching TV or playing video games/computer.

| TV AND COMPUTER GAMES | GRADE |  |  |  |  | GENDER |  | ALL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |
| Percent of students who: |  |  |  |  |  |  |  |  |  |
| Spend 3 or more hours per school day watching TV or playing on the computer | 38 | 36 | 38 | 33 | 34 | 32 | 39 | 36 | 35 |
| Spend 5 or more hours per school day watching TV or playing on the computer | 10 | 11 | 9 | 9 | 10 | 8 | 12 | 10 | 9 |

## Measures of Youth Assets

Healthy development depends not only on avoiding harmful behavior, but on strengthening the sources of positive influence in our lives. This section asks students about the grades they receive in school, how often their parents talk to them about school, how often they are involved in clubs or organizations, how often they volunteer their time helping their community, their perception about students' role in deciding what happens in school, and their perception of how they are valued by their communities.

Grades in School: Above-average school performance is viewed as one of many developmental assets (i.e., factors promoting positive development) for youth. Studies have shown that students who get higher grades in school are less likely to use cigarettes, alcohol, or marijuana, and are more likely to postpone sexual intercourse. ${ }^{77}$ In 2003, 73 percent of $8-12^{\text {th }}$ graders in Vermont reported that their school performance was above average. ${ }^{78}$

Parents Involvement in School: One of the strongest predictors of students' success in school is the extent to which their parents stay involved with their schoolwork-asking about academic progress, attending teacher conferences, and so on. In addition, a national study of adolescent health found that youth who reported a "connectedness" to their parents/family and school were the least likely to engage in risky behaviors. Parental expectations regarding school achievement were also associated with lower levels of risk behaviors. ${ }^{77}$ Only 27 percent of $6^{\text {th }}$ to $12^{\text {th }}$ grade students surveyed across the United States reported that their parents are involved in helping them succeed in school. ${ }^{79}$

- Participation in youth programs and service to community: Research shows that involvement in constructive, supervised extra-curricular activities is associated with reduced likelihood of involvement in risky behaviors such as school failure, drug use, and crime.$^{80}$ In addition, evidence is emerging that students who participate in such activities are also more likely to engage in other "thriving" behaviors. ${ }^{81}$

Youth as resources: Youth are not simply objects of adult efforts to modify their behaviors. Rather, if given the opportunities, they can make significant contributions to their families, schools, and communities. Adolescents, especially, need to exercise decision-making power in as many settings as is practical, so that they can develop into competent adults. Schools are a natural setting for youth to share in decisions that affect their lives.

## Measures of Youth Assets

- Youth valued by their community: It stands to reason that young people respond positively when they perceive they are valued by others in their community. In 2003, 42 percent of $8-12^{\text {th }}$ graders in Vermont reported feeling valued in their community. ${ }^{78}$


## - Measures of Youth Assets

- The majority of students receive above average grades. Overall, 73 percent of students reported receiving B's and above.
- Females receive higher grades than males. Forty percent of female students reported receiving mostly A's, compared to 24 percent of male students.


## Students' grades

FEMALES


MALES


## - Measures of Youth Assets

- Over three-fourths (78\%) of students' parents talk with them about school weekly or more often. Overall, 50 percent of students reported that their parents talked with them daily about school and 28 percent talked with them once or twice a week.
- Some parents rarely or never talk with their children about school. Overall, 7 percent of students reported that their parents never talk with them about school and 6 percent reported that their parents talk with them about school less than once a month.

How often does one of your parents talk with you about what you are doing in school?

FEMALES


MALES


## - Measures of Youth Assets

- Three out of 10 (31\%) students participate in clubs outside of school. No difference was seen among grades, but slightly more females than males participated in clubs or organizations outside of school (35\% vs 27\%).

| PARTICIPATION <br> IN YOUTH PROGRAMS | GRADE |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

- Measures of Youth Assets
- Almost half (46\%) of Vermont students volunteer their time. No difference was seen across grades, but more females than males participated in clubs or organizations outside of school (49\% vs 43\%).

| SERVICE TO <br> COMMUNITY |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |
| Percent of students who: |  |  |  |  |  |  |  |  |  |
| Spend 1 or more <br> hours per week <br> volunteering their <br> time to make their <br> community a better <br> place to live | 46 | 46 | 43 | 45 | 51 | 49 | 43 | 46 | 45 |
| Spend 3 or more <br> hours per week <br> volunteering their <br> time to help others <br> make their community <br> a better place to live | 8 | 8 | 8 | 9 | 10 | 10 | 7 | 9 | 13 |

## - Measures of Youth Assets

- Almost half (46\%) of students report that students help decide what goes on at their school. No significant difference was seen across grades or sex.
- Almost half (45\%) of students feel valued by their community. No significant difference was seen across grades or sex.
- Almost nine out of ten (88\%) students have an adult in their life they can turn to for help and advice. No significant difference was seen across grades or sex.

| YOUTH VALUED BY THEIR SCHOOL AND COMMUNITY | GRADE |  |  |  | GENDER |  |  | ALL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |
| Percent of students who agree with the following statements: |  |  |  |  |  |  |  |  |  |
| Students help decide what goes on in my school | 44 | 48 | 48 | 42 | 48 | 46 | 46 | 46 | 46 |
| In my community, I feel like I matter to people | 45 | 42 | 44 | 43 | 49 | 43 | 46 | 45 | 42 |


| MENTOR | GRADE |  |  |  |  | GENDER |  | ALL |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8 | 9 | 10 | 11 | 12 | F | M | 2005 | 2003 |
| Percent of students who have an adult in their life they can usually turn to for help and advice | 90 | 88 | 87 | 89 | 90 | 90 | 88 | 88 | NA |

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