

2005 North Dakota High School (Grades 9-12) YRBS Summary of the National, Statewide, Regional, and Urban vs. Rural Results

Background Information

The Youth Risk Behavior Survey (YRBS) was developed by the Division of Adolescent and School Health (DASH), National Center for Chronic Disease Prevention and Health Promotion, and the Centers for Disease Control and Prevention (CDC) in collaboration with several representatives from state and local health education agencies and other federal agencies.

The YRBS is designed to focus on behaviors related to the leading causes of death and disability among youth and young adults and to assess how these risk behaviors change over time.

It is a self-reporting survey to measure priority health-risk behaviors that fall into six categories:

- Behaviors that result in unintentional injuries and violence
- Tobacco use
- Alcohol and other drug use
- Sexual behaviors that result in HIV infection, other sexually transmitted diseases (STD's), and unintended pregnancies
- Dietary behaviors
- Physical activity

These behaviors are often established during youth and extend into adulthood and are frequently interrelated.

The YRBS is conducted biannually in the spring of odd years. Therefore, this study will be conducted again in the spring of 2007, 2009, 2011, etc. ***To avoid the risk of overburdening your teachers and students with surveys, we strongly recommend that you reserve March and April of odd years for conducting the YRBS only!***

North Dakota Statewide Results, Limitations, and Contact Information

Statewide Results & Limitations

The statewide data is collected by randomly selecting school buildings, as well as classes within each building. Given that these schools/classes were selected at random and a high participation rate was achieved, CDC was able to generate weighted data that is highly representative of all high school students (grades 9-12) from eligible¹, public high schools in the state of North Dakota. Therefore, **the statewide results do not have any limitations and can be used to (1) project the results to all public high school students and (2) compare changes in results from one survey year to another.**

¹ During the 2004-2005 school year, roughly 33,300 students (Grades 9-12) attended "eligible" North Dakota high schools. To be eligible for the 2005 YRBS High School Survey, a school building was required to have at least 25 students enrolled in Grades 9-12. The North Dakota YRBS survey was completed by 11,761 high school students (Grades 9-12) from 105 North Dakota high schools during the spring of 2005, of which 1,725 were students "selected" for the statewide CDC sample and 10,036 were students from schools/classes that "voluntarily" participated in the YRBS. Data from all high school student surveys are included in the Winkelman Consulting regional and urban/rural results.

2005 North Dakota High School (Grades 9-12) YRBS Summary of the National, Statewide, Regional, and Urban vs. Rural Results

Contact Information for the Statewide Results

The 2005 High School Youth Risk Behavior Survey (YRBS) results are available on the Department of Public Instruction's Coordinated School Health website at: <http://dpi.state.nd.us/health/YRBS/index.shtm>

If you have any questions about the statewide YRBS information or desire additional information, please feel free to contact:

Valerie Fischer
Director, Coordinated School Health
ND Department of Public Instruction
Email: vfischer@state.nd.us
Telephone: 701-328-4138
Fax: 701-328-4770

Regional and Urban/Rural Results, Limitations, and Contact Information

Regional and Urban/Rural Results & Limitations

*The regional and urban/rural data apply only to those schools/classes participating in the survey during that year. We **cannot** say the results that include "voluntary" data represent all schools/students within a region or segment; we can simply say they represent mainly the schools/classes that volunteered to participate in the survey. Therefore, changes that occur within a region or segment from one survey year to another may not represent true changes in behavior within the region or segment. The changes may simply result because of differences between the kinds of schools that chose to participate in one year versus another.*

As was noted in the footnote on the previous page, 11,761 high school students (Grades 9-12) participated in the 2005 North Dakota High School YRBS, of which 10,036 were students from schools/classes that "voluntarily" participated in the YRBS. Therefore, the vast majority of the data used for the regional and urban/rural results was not collected from randomly selected school buildings and/or classes. Given that most of these schools/classes "volunteered" to participate and were not selected at random, even though a high participation rate was achieved, Winkelman Consulting is not able to generate weighted data that is representative of all high schools students (grades 9-12) from eligible, public high schools in either the state or an individual region or segment. Because of this, **the regional and urban/rural data cannot be used to (1) project the results to all public high school students in a region or segment or (2) compare changes in results for a region or segment from one survey year to another. Also, noticeable differences may be seen between the results for a region/segment and the statewide data simply because the students from schools/classes that completed "voluntary" YRBS surveys are more (or less) likely to have a certain behavior than the "average" student represented by the random, weighted, representative statewide data.**

Contact Information for the Regional and Urban/Rural Results

If you have any questions about the enclosed school results or desire additional detail, please feel free to contact:

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2005 North Dakota High School (Grades 9-12) YRBS Summary of the National, Statewide, Regional, and Urban vs. Rural Results

Format and Question Order

At the end of each question, are both a ND Q# and CDC QN#. The ND Q# indicates the question number as it appeared on the 2005 North Dakota High School (Grades 9-12) YRBS questionnaire. The CDC QN# indicates the question number or variable name assigned to the question by CDC. Please note that the results on the following pages are listed in the same order in which the statewide results are presented on the Department of Public Instruction website, which is identical to the order in which statewide results were presented on the school reports that were sent to each participating school that completed and returned 25 or more YRBS surveys.

Unintentional Injuries and Violence

| Injury Question | Winkelman Consulting Results | | | | | | | | | | | | |
|--|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who never or rarely wore a helmet when they rode a motorcycle during the past 12 months (ND Q8, CDC QN89) | N/A | 13.0% | N/A | 13.7% | 12.5% | 14.4% | 14.5% | 11.0% | 17.1% | 12.7% | 18.3% | 10.2% | 16.5% |
| Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else (ND Q9, CDC QN9) | 21.4% | 17.4% | 10.2% | 23.4% | 16.4% | 26.8% | 16.4% | 14.4% | 19.3% | 14.5% | 15.8% | 14.5% | 20.1% |
| Percentage of students who rode in a car or other vehicle driven by someone who had been drinking alcohol one or more times during the past 30 days (ND Q10, CDC QN10) | 42.8% | 37.4% | 28.5% | 47.2% | 35.4% | 40.4% | 36.3% | 33.2% | 38.6% | 33.4% | 36.1% | 30.6% | 40.8% |
| Percentage of students who drove a car or other vehicle when they had been drinking alcohol one or more times during the past 30 days (ND Q11, CDC QN11) | 26.7% | 22.0% | 9.9% | 27.6% | 22.2% | 25.1% | 22.3% | 18.6% | 24.5% | 20.0% | 23.2% | 17.3% | 25.8% |

NOTE: We cannot say the results that include "voluntary" data represent all schools/students within a region or segment; we can simply say they represent mainly the schools/classes that volunteered to participate in the survey. Therefore, changes that occur within a regional or segment from one survey year to another may not represent true changes in behavior within the region or segment. The changes may simply result because of differences between the kinds of schools that chose to participate in one year versus another.

**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

| School Violence Question | Winkelman Consulting Results | | | | | | | | | | | | |
|---|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|----------------------------------|--------------------------------------|---|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (\leq 1,000 K-12 in town) |
| Percentage of students who carried a weapon, such as a gun, knife, or club, other than for hunting, on one or more of the past 30 days (ND Q12, CDC QN90) | 15.2% | 14.0% | 18.5% | 10.9% | 15.9% | 13.0% | 17.9% | 13.5% | 14.3% | 13.4% | 13.5% | 12.9% | 15.0% |
| Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days (ND Q13, CDC QN14) | 5.7% | 6.0% | 6.5% | 4.8% | 7.1% | 5.2% | 8.7% | 5.7% | 6.1% | 4.5% | 6.7% | 5.5% | 6.3% |
| Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school on one or more of the past 30 days (ND Q14, CDC QN15) | 2.8% | 3.7% | 6.0% | 2.2% | 2.8% | 4.4% | 3.2% | 3.6% | 3.1% | 5.2% | 3.2% | 3.6% | 3.8% |
| Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months (ND Q15, CDC QN16) | 5.9% | 6.6% | 7.9% | 5.3% | 6.7% | 5.3% | 7.5% | 6.8% | 6.0% | 5.5% | 6.2% | 7.1% | 5.5% |
| Percentage of students who were in a physical fight on school property one or more times during the past 12 months (ND Q16, CDC QN20) | 8.6% | 10.7% | 13.6% | 11.9% | 11.7% | 12.1% | 13.5% | 11.5% | 10.7% | 9.6% | 11.2% | 12.1% | 10.7% |

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**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

| Suicide | Winkelman Consulting Results | | | | | | | | | | | | | |
|---------|---|--|--|--|---------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| | Question | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC Nationa l Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| | Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months (ND Q19, CDC QN23) | 20.8% | 20.3% | 28.5% | 24.1% | 23.5% | 23.6% | 20.3% | 20.3% | 20.8% | 19.5% | 17.6% | 23.1% | 19.4% |
| | Percentage of students who seriously considered attempting suicide during the past 12 months (ND Q20, CDC QN24) | 13.6% | 15.4% | 16.9% | 16.0% | 17.5% | 15.1% | 16.8% | 15.4% | 15.8% | 15.0% | 13.7% | 17.2% | 14.4% |
| | Percentage of students who made a plan about how they would attempt suicide during the past 12 months (ND Q21, CDC QN25) | 11.3% | 12.2% | 13.0% | 13.2% | 13.9% | 11.5% | 12.2% | 12.3% | 12.6% | 12.1% | 11.3% | 13.3% | 11.6% |
| | Percentage of students who actually attempted suicide one or more times during the past 12 months (ND Q22, CDC QN26) | 7.2% | 6.4% | 8.4% | 11.4% | 14.0% | 15.4% | 11.1% | 13.7% | 11.9% | 13.8% | 14.3% | 14.7% | 12.5% |
| | Percentage of students whose suicide attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse during the past 12 months (ND Q23, CDC QN27) | 2.8% | 1.7% | 2.3% | 3.0% | 2.5% | 3.3% | 2.8% | 3.1% | 3.2% | 3.3% | 2.7% | 3.3% | 2.8% |

| Violence | Winkelman Consulting Results | | | | | | | | | | | | | |
|----------|---|--|--|------------------------------------|---------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| | Question | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| | Percentage of students who were hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months (ND Q17, CDC QN21) | 9.8% | 8.8% | 9.2% | 9.5% | 10.0% | 10.0% | 7.6% | 10.1% | 9.5% | 9.8% | 8.4% | 9.8% | 9.5% |
| | Percentage of students who have ever been physically forced to have sexual intercourse when they did not want to (ND Q18, CDC QN22) | 8.8% | 7.1% | 7.5% | 8.9% | 8.4% | 7.7% | 8.2% | 7.6% | 8.4% | 7.6% | 7.8% | 8.6% | 7.4% |

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**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

Tobacco Use

| Cigarette Question | Winkelman Consulting Results | | | | | | | | | | | | |
|---|------------------------------|------------------------------|---------------------------|-------------------------|---------------------|---------------------------|---------------------------|---------------------|-------------------------|------------------------|-------------------------|-----------------------------|------------------------------|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Williston Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 Jamestown Area | Region 7 Bismarck Area | Region 8 Dickinson Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who smoked cigarettes on 20 or more of the past 30 days (CDC QNFCIG) | 16.0% | 11.9% | 9.4% | 14.3% | 13.4% | 15.4% | 10.5% | 10.2% | 10.7% | 10.2% | 7.9% | 11.6% | 11.3% |
| Percentage of students who ever tried cigarette smoking, even one or two puffs (ND Q24, CDC QN28) | 61.5% | 55.9% | 54.3% | 63.1% | 56.5% | 66.0% | 50.7% | 48.7% | 56.2% | 52.6% | 54.4% | 51.7% | 57.5% |
| Percentage of students who smoked a whole cigarette for the first time before age 13 years (ND Q25, CDC QN29) | 18.7% | 17.3% | 16.0% | 20.8% | 17.4% | 26.2% | 16.3% | 15.6% | 19.0% | 16.0% | 14.4% | 16.8% | 18.8% |
| Percentage of students who smoked cigarettes on one or more of the past 30 days (ND Q26, CDC QN30) | 30.2% | 22.1% | 23.0% | 30.3% | 27.8% | 31.7% | 20.1% | 22.1% | 26.1% | 24.2% | 22.8% | 24.7% | 25.8% |
| Percentage of students who smoked cigarettes on school property on one or more of the past 30 days (ND Q29, CDC QN33) | 8.4% | 5.9% | 6.8% | 9.1% | 6.4% | 9.5% | 5.0% | 6.8% | 5.6% | 5.4% | 6.2% | 7.9% | 5.5% |
| Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days (ND Q30, CDC QN34) | 21.1% | 16.6% | 13.4% | 22.2% | 19.6% | 23.7% | 17.2% | 15.7% | 17.7% | 15.7% | 17.4% | 17.8% | 18.2% |
| Among students who are current smokers, the percentage who tried to quit smoking during the past 12 months (ND Q31, CDC QN35) | 57.8% | 65.1% | 54.6% | 60.2% | 55.1% | 64.0% | 55.8% | 58.6% | 58.9% | 59.6% | 58.0% | 61.5% | 57.0% |

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**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

| Cigarette Purchase Question | Winkelman Consulting Results | | | | | | | | | | | | |
|---|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Among students who are less than 18 years of age and who are current smokers, the percentage who usually got their own cigarettes by buying them in a store or gas station during the past 30 days (ND Q27, CDC QN32) | 10.2% | 13.1% | 15.2% | 13.8% | 6.9% | 20.1% | 13.1% | 6.7% | 6.0% | 11.6% | 6.3% | 10.1% | 10.6% |
| Percentage of students who were asked to show proof of age when they bought or tried to buy cigarettes in a store during the past 30 days (ND Q28, CDC QN91) | N/A | 7.7% | N/A | 10.3% | 7.3% | 6.8% | 5.5% | 5.2% | 6.8% | 6.7% | 5.4% | 6.2% | 6.6% |

| Other Tobacco Question | Winkelman Consulting Results | | | | | | | | | | | | |
|---|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days (CDC QNANYTOB) | 34.1% | 27.7% | 28.4% | 40.6% | 32.2% | 35.7% | 26.2% | 25.0% | 31.0% | 29.8% | 31.5% | 28.3% | 31.8% |
| Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days (ND Q32, CDC QN36) | 10.3% | 11.2% | 8.0% | 20.1% | 11.6% | 12.6% | 13.9% | 8.6% | 12.0% | 11.3% | 15.7% | 9.0% | 14.2% |
| Percentage of students who used chewing tobacco, snuff, or dip on school property on one or more of the past 30 days (ND Q33, CDC QN37) | 4.9% | 5.1% | 5.0% | 9.9% | 5.1% | 6.0% | 6.9% | 4.8% | 4.5% | 5.5% | 7.3% | 5.0% | 6.2% |
| Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days (ND Q34, CDC QN38) | 13.0% | 12.2% | 14.0% | 11.9% | 11.1% | 8.0% | 11.6% | 10.3% | 11.5% | 12.8% | 14.2% | 10.9% | 11.4% |

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**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

Alcohol and Other Drug Use

| Alcohol | Winkelman Consulting Results | | | | | | | | | | | | | |
|---------|--|--|--|------------------------------------|---------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|--|
| | Question | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| | Percentage of students who had their first drink of alcohol other than a few sips before age 13 years (ND Q35, CDC QN40) | 25.4% | 19.7% | 25.6% | 26.5% | 23.1% | 25.0% | 21.5% | 20.7% | 25.5% | 21.5% | 23.9% | 20.6% | 24.8% |
| | Percentage of students who had at least one drink of alcohol on one or more of the past 30 days (ND Q36, CDC QN41) | 54.2% | 49.0% | 43.3% | 54.3% | 47.4% | 49.4% | 43.6% | 44.1% | 50.7% | 45.3% | 49.3% | 42.0% | 51.3% |
| | Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days (ND Q37, CDC QN42) | 39.5% | 33.8% | 25.5% | 42.4% | 33.7% | 35.5% | 29.4% | 29.2% | 35.6% | 30.0% | 33.5% | 28.4% | 35.9% |
| | Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days (ND Q38, CDC QN43) | 5.1% | 3.6% | 4.3% | 3.8% | 5.0% | 3.5% | 5.0% | 4.9% | 3.5% | 3.4% | 4.9% | 4.0% | 4.5% |
| | Percentage of students who usually got their alcoholic beverages from a friend or family member during the past 30 (ND Q39, CDC QN92) | 14.6% | 14.7% | N/A | 11.1% | 16.8% | 14.1% | 14.9% | 13.3% | 16.6% | 15.4% | 15.2% | 12.3% | 17.0% |

NOTE: We cannot say the results that include “voluntary” data represent all schools/students within a region or segment; we can simply say they represent mainly the schools/classes that volunteered to participate in the survey. Therefore, changes that occur within a regional or segment from one survey year to another may not represent true changes in behavior within the region or segment. The changes may simply result because of differences between the kinds of schools that chose to participate in one year versus another.

**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

| Question | Winkelman Consulting Results | | | | | | | | | | | | |
|---|--|--|------------------------------------|---------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|--|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who tried marijuana for the first time before age 13 years (ND Q40, CDC QN45) | 7.9% | 6.7% | 8.7% | 7.7% | 6.5% | 9.8% | 5.8% | 6.6% | 5.6% | 7.2% | 6.4% | 7.5% | 6.5% |
| Percentage of students who used marijuana one or more times during the past 30 days (ND Q41, CDC QN46) | 20.6% | 15.5% | 20.2% | 16.9% | 16.1% | 16.7% | 9.7% | 16.1% | 10.8% | 15.9% | 11.1% | 17.5% | 12.4% |
| Percentage of students who used marijuana on school property one or more times during the past 30 days (ND Q42, CDC QN47) | 6.3% | 4.0% | 4.5% | 5.9% | 4.1% | 3.7% | 4.0% | 4.5% | 2.8% | 3.6% | 3.6% | 4.9% | 3.1% |

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**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

| Other Drugs Question | Winkelman Consulting Results | | | | | | | | | | | | |
|--|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (1,000 K-12 in town) |
| Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life (ND Q43, CDC QN48) | 9.7% | 7.2% | 7.6% | 7.5% | 7.5% | 6.6% | 6.5% | 8.9% | 6.0% | 7.8% | 5.9% | 8.8% | 6.2% |
| Percentage of students who first sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high before age 13 (ND Q44, CDC QN93) | 5.0% | 4.2% | N/A | 4.8% | 5.6% | 5.7% | 6.0% | 5.0% | 4.7% | 5.2% | 4.6% | 5.5% | 5.0% |
| Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life (ND Q45, CDC QN50) | 10.7% | 10.9% | 12.4% | 13.5% | 12.9% | 12.0% | 11.9% | 9.9% | 11.0% | 9.8% | 10.7% | 11.3% | 10.9% |
| Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during the past 30 days (ND Q46, CDC QN94) | 3.3% | 3.6% | N/A | 4.7% | 3.9% | 3.2% | 4.8% | 3.4% | 3.7% | 3.5% | 4.9% | 3.7% | 3.8% |
| Percentage of students who used methamphetamines one or more times during their life (ND Q48, CDC QN52) | 8.5% | 5.4% | 6.2% | 8.3% | 5.1% | 8.5% | 5.0% | 6.4% | 5.0% | 5.7% | 5.6% | 6.9% | 5.4% |
| Percentage of students who have used methamphetamines (also called speed, crystal, crank, or ice) one or more times during the past 30 days (ND Q49, CDC QN96) | 5.0% | 2.8% | N/A | 3.4% | 2.7% | 4.2% | 3.2% | 3.5% | 2.5% | 3.4% | 3.2% | 3.6% | 3.0% |
| Percentage of students who used ecstasy one or more times during their life (ND Q50, CDC QN53) | 6.4% | 4.3% | 6.3% | 4.8% | 4.3% | 3.9% | 4.0% | 4.9% | 3.8% | 4.9% | 5.4% | 5.3% | 3.8% |
| Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life (ND Q52, CDC QN54) | 4.8% | 3.0% | 4.0% | 3.6% | 3.3% | 2.9% | 4.1% | 2.8% | 2.7% | 2.9% | 3.6% | 3.3% | 2.9% |
| Percentage of students who were offered, sold, or given an illegal drug on school property by someone during the past 12 months (ND Q53, CDC QN56) | 21.3% | 19.6% | 25.4% | 20.4% | 20.7% | 18.2% | 16.0% | 18.6% | 15.7% | 16.7% | 18.4% | 21.4% | 15.2% |
| Percentage of students who have purchased over-the-counter drugs to get high one or more times during the past 30 days (ND Q47, CDC QN95) | 4.3% | 3.2% | N/A | 5.6% | 4.0% | 3.8% | 3.5% | 3.5% | 3.0% | 3.8% | 5.1% | 4.1% | 3.5% |
| Percentage of students who have used hallucinogens (such as LSD, PCP, and mushrooms) one or more times during their life (ND Q51, CDC QN97) | 9.7% | 7.8% | 8.5% | 10.3% | 7.4% | 4.8% | 6.5% | 10.1% | 5.8% | 7.9% | 8.0% | 9.8% | 6.0% |

**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

Sexual Behavior and HIV/AIDS Education

| Sexual Behavior Question | Winkelman Consulting Results | | | | | | | | | | | | |
|--|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|--|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who ever had sexual intercourse (ND Q92, CDC QN57) | 42.8% | 41.2% | 46.8% | 46.1% | 42.6% | 50.0% | 39.9% | 36.5% | 36.9% | 36.6% | 41.2% | 38.9% | 41.2% |
| Percentage of students who had sexual intercourse for the first time before age 13 years (ND Q94, CDC QN58) | 4.2% | 3.3% | 6.2% | 4.8% | 3.9% | 6.0% | 4.6% | 5.0% | 4.1% | 5.3% | 4.6% | 5.3% | 4.5% |
| Percentage of students who had sexual intercourse with four or more people during their life (ND Q95, CDC QN59) | 12.4% | 11.3% | 14.3% | 12.7% | 12.3% | 15.1% | 11.4% | 10.3% | 9.0% | 10.2% | 12.0% | 11.1% | 11.5% |
| Percentage of students who had sexual intercourse with one or more people during the past three months (ND Q96, CDC QN60) | 31.6% | 32.4% | 33.9% | 36.0% | 32.1% | 36.8% | 31.7% | 27.7% | 27.2% | 29.1% | 31.7% | 29.9% | 31.2% |
| Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse (ND Q97, CDC QN61) | 33.3% | 30.0% | 23.3% | 21.8% | 19.3% | 14.3% | 14.9% | 19.9% | 15.8% | 19.9% | 15.0% | 19.4% | 16.7% |
| Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse (ND Q98, CDC QN62) | 66.3% | 63.2% | 62.8% | 60.2% | 65.8% | 56.9% | 64.1% | 65.1% | 63.9% | 59.2% | 67.2% | 61.4% | 63.4% |
| Among students who had sexual intercourse during the past three months, the percentage who used birth control pills to prevent pregnancy before last sexual intercourse (ND Q99, CDC QN63) | 21.6% | 25.0% | 17.6% | 24.7% | 22.9% | 19.6% | 20.6% | 23.0% | 22.8% | 23.3% | 22.6% | 24.0% | 21.3% |
| Percentage of students who feel that sexual abstinence is not important at all for them at this time in their life (ND Q93, CDC QN116) | 23.8% | 22.3% | N/A | 26.4% | 26.6% | 25.9% | 20.7% | 23.8% | 21.5% | 21.8% | 23.0% | 23.1% | 24.1% |

NOTE: We cannot say the results that include “voluntary” data represent all schools/students within a region or segment; we can simply say they represent mainly the schools/classes that volunteered to participate in the survey. Therefore, changes that occur within a regional or segment from one survey year to another may not represent true changes in behavior within the region or segment. The changes may simply result because of differences between the kinds of schools that chose to participate in one year versus another.

**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

| HIV/AIDS Education Question | Winkelman Consulting Results | | | | | | | | | | | | |
|--|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|--|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who had ever been taught in school about AIDS or HIV infection (ND Q80, CDC QN85) | 91.7% | 90.2% | 87.9% | 94.7% | 84.0% | 87.6% | 89.9% | 88.2% | 90.6% | 90.2% | 91.3% | 91.7% | 86.4% |
| Percentage of students who have ever talked about AIDS or HIV infection with their parents or other adults in their family (ND Q81, CDC QN107) | 40.0% | 40.3% | N/A | 42.6% | 35.8% | 41.8% | 41.1% | 36.5% | 37.0% | 39.0% | 44.5% | 41.2% | 36.7% |

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**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

Dietary Behaviors

| Dietary Intake Question | Winkelman Consulting Results | | | | | | | | | | | | |
|---|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who ate five or more servings per day of fruits and vegetables during the past seven days (CDC QNFRVG) | 17.3% | 13.8% | 20.1% | 12.6% | 11.9% | 15.2% | 14.3% | 14.7% | 14.8% | 13.9% | 12.9% | 14.9% | 13.2% |
| Percentage of students who drank 100% fruit juices one or more times during the past seven days (ND Q58, CDC QN71) | 84.0% | 82.6% | 81.4% | 83.5% | 82.1% | 82.5% | 83.1% | 81.3% | 82.9% | 82.0% | 83.1% | 80.9% | 83.4% |
| Percentage of students who ate fruit one or more times during the past seven days (ND Q59, CDC QN72) | 90.1% | 88.9% | 85.3% | 86.1% | 88.6% | 85.7% | 85.7% | 87.7% | 89.0% | 90.6% | 89.2% | 88.0% | 88.3% |
| Percentage of students who ate green salad one or more times during the past seven days (ND Q60, CDC QN73) | 67.2% | 66.6% | 65.6% | 67.1% | 64.0% | 62.5% | 67.8% | 65.5% | 66.5% | 64.9% | 67.5% | 64.3% | 66.2% |
| Percentage of students who ate potatoes one or more times during the past seven days (ND Q61, CDC QN74) | 82.9% | 80.6% | 68.5% | 80.7% | 83.3% | 82.6% | 81.7% | 82.1% | 84.3% | 81.9% | 84.5% | 79.0% | 85.7% |
| Percentage of students who ate carrots one or more times during the past seven days (ND Q62, CDC QN75) | 58.3% | 55.3% | 46.9% | 55.4% | 55.3% | 49.8% | 56.2% | 55.7% | 58.0% | 58.6% | 57.9% | 55.2% | 56.4% |

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**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

| Dietary Intake Question | Winkelman Consulting Results | | | | | | | | | | | | |
|--|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who ate other vegetables one or more times during the past seven days (ND Q63, CDC QN76) | 85.6% | 84.9% | 82.1% | 83.0% | 84.6% | 81.5% | 84.1% | 84.6% | 85.4% | 85.5% | 87.9% | 83.7% | 85.4% |
| Percentage of students who drank three or more glasses per day of milk during the past seven days (ND Q64, CDC QN77) | 26.1% | 26.9% | 16.2% | 26.1% | 27.7% | 23.2% | 28.9% | 30.2% | 28.1% | 26.4% | 27.0% | 25.0% | 29.6% |
| Percentage of students whose type of milk they usually drink or use on their cereal is 1% or skim milk (ND Q65, CDC QN98) | 36.9% | 39.2% | N/A | 32.8% | 31.3% | 28.5% | 39.3% | 44.3% | 38.2% | 38.2% | 32.0% | 42.7% | 32.0% |
| Percentage of students who ate breakfast on seven of the past seven days (ND Q66, CDC QN99) | 30.1% | 32.4% | N/A | 29.8% | 30.9% | 27.8% | 35.9% | 34.5% | 31.8% | 34.8% | 38.3% | 33.5% | 32.6% |
| Percentage of students who drank 13 or more ounces of sugar-containing beverages per day during the past seven (ND Q67, CDC QN100) | 49.9% | 46.9% | N/A | 55.0% | 51.7% | 55.3% | 50.9% | 47.5% | 45.8% | 44.9% | 42.9% | 47.4% | 49.7% |
| Percentage of students who ate a meal with their family yesterday (ND Q68, CDC QN101) | 53.3% | 57.1% | N/A | 57.1% | 53.9% | 54.6% | 53.5% | 56.0% | 54.9% | 62.3% | 60.8% | 56.2% | 57.2% |
| Percentage of students who ate at a fast food restaurant one or more times during the past seven days (ND Q69, CDC QN102) | 73.0% | 69.7% | N/A | 75.0% | 69.7% | 66.7% | 67.4% | 70.0% | 63.4% | 69.6% | 70.3% | 76.6% | 62.1% |

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**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

| Weight Question | Winkelman Consulting Results | | | | | | | | | | | | |
|--|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who were at risk for becoming overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) (CDC QNROVWGT) | 11.0% | 12.8% | 15.7% | 13.5% | 14.5% | 14.2% | 15.3% | 12.8% | 14.5% | 13.8% | 12.8% | 13.1% | 14.5% |
| Percentage of students who were overweight (i.e., at or above the 95th percentile for body mass index, by age and sex) (CDC QNOVWGT) | 9.3% | 11.2% | 13.1% | 11.4% | 11.8% | 15.2% | 12.7% | 10.3% | 9.9% | 9.7% | 8.2% | 10.1% | 11.8% |
| Percentage of students who described themselves as slightly or very overweight (ND Q54, CDC QN64) | 32.3% | 32.7% | 31.5% | 33.7% | 34.0% | 35.3% | 34.9% | 33.1% | 33.5% | 31.0% | 30.7% | 31.9% | 34.2% |
| Percentage of students who were trying to lose weight (ND Q55, CDC QN65) | 45.9% | 47.3% | 45.6% | 43.3% | 46.4% | 49.8% | 47.1% | 44.6% | 47.6% | 45.8% | 46.1% | 46.5% | 46.2% |
| Percentage of students who exercised to lose weight or to keep from gaining weight during the past 30 days (ND Q56, CDC QN66) | 57.8% | 60.8% | 60.0% | 63.2% | 61.7% | 63.4% | 58.1% | 59.8% | 61.7% | 61.6% | 58.9% | 63.1% | 59.4% |
| Percentage of students who ate less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight during the past 30 days (ND Q57, CDC QN67) | 41.3% | 38.5% | 40.7% | 43.7% | 39.2% | 41.8% | 38.3% | 38.1% | 40.6% | 39.3% | 36.0% | 40.4% | 38.5% |

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**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

Physical Activity

| Physical Activity Question | Winkelman Consulting Results | | | | | | | | | | | | |
|---|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|--|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who had not participated in at least 20 minutes of vigorous physical activity on three or more of the past seven days and had not participated in at least 30 minutes of moderate physical activity on five or more of the past seven days (CDC QNMINPA) | N/A | 32.8% | N/A | 34.2% | 31.5% | 35.6% | 32.2% | 29.6% | 31.0% | 30.4% | 32.2% | 31.3% | 31.7% |
| Percentage of students who had not participated in any vigorous or moderate physical activity during the past seven days (CDC QNNOA) | 7.3% | 8.1% | 9.6% | 11.2% | 7.3% | 10.5% | 9.4% | 7.5% | 7.3% | 7.4% | 8.5% | 8.0% | 8.4% |
| Percentage of students who attended physical education (PE) classes daily in an average week when they were in school (CDC QNDLYPE) | 37.2% | 37.0% | 33.0% | 29.7% | 35.0% | 31.7% | 33.2% | 41.3% | 25.3% | 50.4% | 37.3% | 42.6% | 33.2% |
| Percentage of students who exercised or participated in physical activity that made them sweat and breathe hard for 20 minutes or more on three or more of the past seven days (ND Q70, CDC QN78) | 63.6% | 62.6% | 64.1% | 61.8% | 62.0% | 60.7% | 63.8% | 65.6% | 64.1% | 63.6% | 63.2% | 63.4% | 63.5% |
| Percentage of students who participated in physical activity that did not make them sweat or breathe hard for 30 minutes or more on five or more of the past seven days (ND Q71, CDC QN79) | 29.0% | 25.9% | 26.5% | 25.1% | 28.1% | 22.9% | 26.5% | 28.6% | 26.7% | 29.6% | 26.5% | 28.9% | 25.9% |

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**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

| Physical Activity Question | Winkelman Consulting Results | | | | | | | | | | | | |
|--|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|--|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who watched three or more hours per day of TV on an average school day (ND Q72, CDC QN81) | 21.3% | 24.4% | 37.2% | 28.1% | 27.6% | 26.7% | 26.2% | 24.9% | 24.1% | 24.0% | 23.3% | 25.1% | 25.7% |
| Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school (ND Q74, CDC QN82) | 52.0% | 55.3% | 54.2% | 35.0% | 62.5% | 48.0% | 51.1% | 51.1% | 45.8% | 64.3% | 48.3% | 57.7% | 49.7% |
| Among students enrolled in physical education (PE) class, the percentage who actually exercised or played sports more than 20 minutes during an average PE class (ND Q75, CDC QN83) | 84.3% | 86.9% | 84.0% | 90.4% | 87.9% | 87.9% | 85.5% | 85.7% | 88.6% | 85.3% | 88.8% | 86.8% | 87.0% |
| Percentage of students who played on one or more sports teams during the past 12 months (ND Q76, CDC QN84) | 60.8% | 61.3% | 56.0% | 62.4% | 60.6% | 64.1% | 67.3% | 64.8% | 65.8% | 62.0% | 67.7% | 58.4% | 68.7% |
| Percentage of students who played video or computer games or used a computer for something that was not school work for three or more hours per day on an average school day (ND Q73, CDC QN103) | 17.9% | 17.5% | 21.1% | 17.0% | 21.0% | 17.4% | 15.1% | 17.2% | 15.4% | 19.2% | 16.6% | 19.0% | 16.7% |

NOTE: We cannot say the results that include “voluntary” data represent all schools/students within a region or segment; we can simply say they represent mainly the schools/classes that volunteered to participate in the survey. Therefore, changes that occur within a regional or segment from one survey year to another may not represent true changes in behavior within the region or segment. The changes may simply result because of differences between the kinds of schools that chose to participate in one year versus another.

**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

Other

| Oral Health Question | Winkelman Consulting Results | | | | | | | | | | | | |
|--|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|--|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students whose last time seeing a dentist for a check-up, exam, teeth cleaning, or other dental work was during the past 12 months (ND Q77, CDC QN104) | 76.1% | 76.6% | N/A | 74.6% | 76.1% | 68.9% | 75.5% | 80.8% | 75.4% | 75.8% | 73.8% | 78.1% | 74.1% |
| Percentage of students who have had two or more cavities in their permanent teeth (ND Q78, CDC QN105) | 39.9% | 41.3% | N/A | 40.4% | 38.4% | 44.9% | 42.6% | 33.0% | 37.1% | 37.4% | 46.5% | 36.5% | 40.3% |
| Percentage of students who brushed their teeth on seven of the past seven days (ND Q79, CDC QN106) | 77.4% | 76.4% | N/A | 75.3% | 76.7% | 75.7% | 74.9% | 76.1% | 78.3% | 73.3% | 73.1% | 77.1% | 74.3% |

| Absenteeism Question | Winkelman Consulting Results | | | | | | | | | | | | |
|---|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|--|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who missed classes or school without permission on one or more of the past 30 days (ND Q82, CDC QN108) | N/A | 16.7% | N/A | 19.1% | 16.6% | 21.2% | 16.5% | 17.0% | 13.8% | 14.2% | 14.3% | 18.3% | 14.9% |
| Percentage of students who did not go to school on three or more of the past 30 days because they were sick (ND Q83, CDC QN109) | N/A | 8.8% | N/A | 6.5% | 9.8% | 12.4% | 8.5% | 10.4% | 8.8% | 8.0% | 9.9% | 10.6% | 8.8% |

NOTE: We cannot say the results that include “voluntary” data represent **all** schools/students within a region or segment; we can simply say they represent **mainly** the schools/classes that **volunteered** to participate in the survey. Therefore, changes that occur within a regional or segment from one survey year to another **may not** represent true changes in behavior within the region or segment. The changes **may** simply result because of differences between the kinds of schools that chose to participate in one year versus another.

**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

| Question | Winkelman Consulting Results | | | | | | | | | | | | |
|---|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|--|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who had ever been told by a doctor or nurse that they had asthma (ND Q84, CDC QN86) | N/A | 19.1% | 17.1% | 23.0% | 21.5% | 17.7% | 17.3% | 17.7% | 17.2% | 21.3% | 18.1% | 21.5% | 17.0% |
| Among students with current asthma, the percentage who had an episode of asthma or an asthma attack during the past 12 months (CDC QNASATCK) | N/A | 36.9% | 37.9% | 31.0% | 35.4% | 26.7% | 41.2% | 29.5% | 32.9% | 34.6% | 33.3% | 34.4% | 30.7% |
| Percentage of students who had symptoms of asthma while awake one or more days per month during the past 12 months (ND Q86, CDC QN110) | N/A | 13.3% | N/A | 17.8% | 16.4% | 12.8% | 13.5% | 12.8% | 13.7% | 15.4% | 17.0% | 16.2% | 13.0% |
| Percentage of students who had symptoms of asthma while sleeping on one or more nights per month during the past 12 months (ND Q87, CDC QN111) | N/A | 6.6% | N/A | 9.4% | 8.0% | 7.0% | 7.0% | 6.6% | 6.6% | 7.7% | 8.3% | 8.4% | 6.4% |
| Percentage of students who took medication to relieve their asthma symptoms like coughing, wheezing, difficulty breathing, or chest tightness on one or more days per month during the past 12 months (ND Q88, CDC QN112) | N/A | 9.6% | N/A | 13.8% | 10.9% | 9.5% | 9.5% | 8.7% | 8.4% | 10.9% | 10.4% | 11.1% | 8.9% |

NOTE: We cannot say the results that include “voluntary” data represent all schools/students within a region or segment; we can simply say they represent mainly the schools/classes that volunteered to participate in the survey. Therefore, changes that occur within a regional or segment from one survey year to another may not represent true changes in behavior within the region or segment. The changes may simply result because of differences between the kinds of schools that chose to participate in one year versus another.

**2005 North Dakota High School (Grades 9-12) YRBS
Summary of the National, Statewide, Regional, and Urban vs. Rural Results**

| Mental Health and Stress Question | Winkelman Consulting Results | | | | | | | | | | | | |
|---|--|--|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---|
| | 2003 CDC State of ND Results | 2005 CDC State of ND Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who felt so much stress that they had difficulty sleeping, lost their appetite, or had difficulty enjoying their usual activities on one or more of the past 30 days (ND Q89, CDC QN113) | N/A | 61.6% | N/A | 59.8% | 59.5% | 59.2% | 58.5% | 59.1% | 61.7% | 58.4% | 59.6% | 60.7% | 58.4% |
| Percentage of students who wanted to talk about feelings of sadness, emptiness, hopelessness, anger or anxiety with a counselor or mental health worker during the past 12 months (ND Q90, CDC QN114) | N/A | 10.1% | N/A | 7.6% | 10.8% | 8.9% | 10.3% | 9.6% | 9.1% | 9.0% | 8.8% | 10.1% | 8.8% |
| Percentage of students who were able to talk about feelings of sadness, emptiness, hopelessness, anger or anxiety with a counselor or mental health worker during the past 12 months (ND Q91, CDC QN115) | N/A | 7.5% | N/A | 6.8% | 6.2% | 7.0% | 7.1% | 7.8% | 7.0% | 6.2% | 5.8% | 7.6% | 6.2% |

| Disabilities Question | Winkelman Consulting Results | | | | | | | | | | | | |
|--|--|---|------------------------------------|------------------------------------|------------------------------|---------------------------------------|---------------------------------------|------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---|
| | 2003 CDC State of ND Results | 2005 CDC Statewid e Results | 2005 CDC National Results | Region 1 Willis- ton Area | Region 2 Minot Area | Region 3 Devils Lake Area | Region 4 Grand Forks Area | Region 5 Fargo Area | Region 6 James- town Area | Region 7 Bis- marck Area | Region 8 Dickin- son Area | Urban (1,000+ K-12 in town) | Rural (< 1,000 K-12 in town) |
| Percentage of students who are limited in some activities because of disabilities or long term health problems, including physical health, emotional, or learning problems (ND Q5, CDC QN88) | N/A | 5.8% | N/A | 7.5% | 7.5% | 7.2% | 6.3% | 5.8% | 6.0% | 6.1% | 5.1% | 6.6% | 6.2% |

NOTE: We cannot say the results that include “voluntary” data represent **all** schools/students within a region or segment; we can simply say they represent **mainly** the schools/classes that **volunteered** to participate in the survey. Therefore, changes that occur within a regional or segment from one survey year to another **may not** represent true changes in behavior within the region or segment. The changes **may** simply result because of differences between the kinds of schools that chose to participate in one year versus another.