

2007 North Dakota High School (Grades 9-12) YRBS Summary of the 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 2009, 2011, 2013, 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, the 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 2006-2007 school year, roughly 32,172 students (Grades 9-12) attended "eligible" North Dakota high schools. To be eligible for the 2007 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 9,750 high school students (Grades 9-12) from 104 North Dakota high schools during the spring of 2007, of which 1,768 were students from schools/classes that were "selected" for the statewide CDC sample and 7,982 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.

2007 North Dakota High School (Grades 9-12) YRBS Summary of the Statewide, Regional, and Urban vs. Rural Results

Contact Information for the Statewide Results

The 2007 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:

Andrea Peña
YRBS Data Manager & HIV Program Coordinator
ND Department of Public Instruction
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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/classes that chose to participate in one year versus another.*

As was noted in the footnote on the previous page, 9,750 high school students (Grades 9-12) participated in the 2007 North Dakota High School YRBS, of which 7,982 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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2007 North Dakota High School (Grades 9-12) YRBS Summary of the Statewide, Regional, and Urban vs. Rural Results

Format and Question Order

At the end of each question, are both a ND QN# and CDC QN#. The ND QN# indicates the question number as it appeared on the 2007 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	CDC Statewide Results	Winkelman Consulting Results									
		Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Urban	Rural
Question		Willis- ton Area	Minot Area	Devils Lake Area	Grand Forks Area	Fargo Area	James- town Area	Bis- marck Area	Dickin- son Area	(1,000+ K-12 in town)	(< 1,000 K-12 in town)
Percentage of students who never or rarely wear a seat belt when driving a car (ND QN8, CDC QN88)	13.6%	15.2%	10.4%	19.2%	19.3%	9.8%	18.0%	13.6%	14.0%	9.9%	16.4%
Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else (ND QN9, CDC QN9)	15.0%	16.7%	13.6%	22.3%	22.9%	11.2%	19.9%	16.7%	18.7%	12.1%	19.2%
Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol (ND QN10, CDC QN10)	31.5%	35.4%	28.9%	34.7%	32.8%	27.5%	32.9%	30.6%	38.2%	25.7%	34.6%
Percentage of students who drove a car or other vehicle one or more times during the past 30 days when they had been drinking alcohol (ND QN11, CDC QN11)	18.7%	20.3%	16.6%	19.5%	18.3%	13.9%	20.8%	18.2%	20.3%	14.6%	19.6%

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**2007 North Dakota High School (Grades 9-12) YRBS
Summary of the Statewide, Regional, and Urban vs. Rural Results**

School Violence	CDC Statewide Results	Winkelman Consulting Results									
		Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Urban	Rural
		Willis- ton Area	Minot Area	Devils Lake Area	Grand Forks Area	Fargo Area	James- town Area	Bis- marck Area	Dickin- son Area	(1,000+ K-12 in town)	(< 1,000 K-12 in town)
Question											
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 QN12, CDC QN14)	5.0%	5.4%	5.8%	4.3%	5.1%	4.5%	4.6%	4.7%	9.7%	4.7%	5.2%
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 QN13, CDC QN16)	5.2%	6.3%	5.8%	6.4%	5.7%	4.5%	4.4%	5.8%	7.6%	5.7%	5.3%
Percentage of students who have been harassed or bullied one or more times during the past 12 months (ND QN14, CDC QN89)	33.8%	29.4%	36.2%	32.4%	32.1%	32.8%	32.8%	35.8%	36.6%	32.7%	34.7%
Percentage of students who have been harassed or bullied on school property by other students one or more times during the past 12 months (ND QN15, CDC QN90)	26.0%	21.0%	30.2%	24.7%	27.7%	28.4%	28.2%	29.5%	31.3%	26.8%	29.3%
Percentage of students who were in a physical fight on school property one or more times during the past 12 months (ND QN16, CDC QN20)	9.6%	9.2%	10.0%	10.9%	9.1%	8.7%	9.3%	10.3%	15.4%	8.9%	10.5%

Injury to Oneself & Suicide	CDC Statewide Results	Winkelman Consulting Results									
		Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Urban	Rural
		Willis- ton Area	Minot Area	Devils Lake Area	Grand Forks Area	Fargo Area	James- town Area	Bis- marck Area	Dickin- son Area	(1,000+ K-12 in town)	(< 1,000 K-12 in town)
Question											
Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting or burning themselves on purpose one or more times during the past 12 months (ND QN23, CDC QN95)	15.5%	17.5%	17.9%	16.9%	17.0%	14.2%	16.2%	18.6%	19.1%	17.0%	16.6%
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 QN24, CDC QN23)	17.1%	18.8%	19.4%	18.7%	18.6%	15.9%	16.8%	20.3%	18.4%	19.1%	17.6%
Percentage of students who seriously considered attempting suicide during the past 12 months (ND QN25, CDC QN24)	10.4%	12.4%	12.6%	11.2%	11.4%	10.3%	12.2%	12.7%	13.9%	12.3%	11.4%
Percentage of students who made a plan about how they would attempt suicide during the past 12 months (ND QN26, CDC QN25)	8.1%	7.9%	9.7%	8.7%	8.2%	8.2%	10.7%	9.8%	10.8%	9.0%	9.4%
Percentage of students who actually attempted suicide one or more times during the past 12 months (ND QN27, CDC QN26)	8.8%	11.5%	8.8%	8.2%	10.0%	8.7%	7.7%	10.4%	10.8%	9.7%	8.8%

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2007 North Dakota High School (Grades 9-12) YRBS Summary of the Statewide, Regional, and Urban vs. Rural Results

Violence	CDC Statewide Results	Winkelman Consulting Results									
		Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Urban	Rural
		Willis- ton Area	Minot Area	Devils Lake Area	Grand Forks Area	Fargo Area	James- town Area	Bis- marck Area	Dickin- son Area	(1,000+ K-12 in town)	(< 1,000 K-12 in town)
Question											
Percentage of students who were ever hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months (ND QN17, CDC QN21)	8.6%	9.4%	8.2%	10.2%	8.9%	8.5%	7.5%	8.5%	8.0%	8.1%	8.9%
Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to (ND QN18, CDC QN22)	7.1%	7.7%	7.3%	7.8%	7.9%	6.1%	7.8%	7.8%	9.7%	7.2%	7.4%

Tobacco Use

Cigarette	CDC Statewide Results	Winkelman Consulting Results									
		Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Urban	Rural
		Willis- ton Area	Minot Area	Devils Lake Area	Grand Forks Area	Fargo Area	James- town Area	Bis- marck Area	Dickin- son Area	(1,000+ K-12 in town)	(< 1,000 K-12 in town)
Question											
Percentage of students who smoked cigarettes on 20 or more of the past 30 days (CDC QNFRCIG)	9.9%	10.1%	9.5%	13.4%	7.9%	7.4%	7.1%	10.6%	12.4%	9.8%	8.9%
Percentage of students who ever tried cigarette smoking, even one or two puffs (ND QN28, CDC QN28)	49.1%	56.8%	49.4%	59.8%	49.1%	44.6%	47.9%	49.9%	44.8%	46.3%	51.6%
Percentage of students who smoked a whole cigarette for the first time before age 13 years (ND QN29, CDC QN29)	13.8%	15.9%	13.4%	20.5%	15.1%	10.0%	11.9%	14.3%	16.3%	11.7%	14.9%
Percentage of students who smoked cigarettes on one or more of the past 30 days (ND QN30, CDC QN30)	21.1%	22.4%	20.3%	29.1%	19.7%	17.4%	18.6%	22.8%	26.3%	20.7%	21.2%
Percentage of students who smoked cigarettes on school property on one or more of the past 30 days (ND QN33, CDC QN33)	6.3%	7.4%	6.0%	9.1%	4.3%	4.5%	3.5%	6.4%	7.7%	6.7%	5.0%
Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days (ND QN34, CDC QN34)	13.6%	15.5%	14.3%	18.9%	12.4%	11.1%	11.7%	14.2%	12.5%	13.9%	13.1%
Among students who reported current cigarette use, the percentage who ever tried to quit smoking during the past 12 months (ND QN35, CDC QN35)	56.6%	55.2%	58.6%	67.2%	45.7%	52.5%	49.5%	53.4%	51.4%	57.4%	53.4%

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**2007 North Dakota High School (Grades 9-12) YRBS
Summary of the Statewide, Regional, and Urban vs. Rural Results**

Cigarette Purchase	CDC Statewide Results	Winkelman Consulting Results									
		Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Urban	Rural
		Willis- ton Area	Minot Area	Devils Lake Area	Grand Forks Area	Fargo Area	James- town Area	Bis- marck Area	Dickin- son Area	(1,000+ K-12 in town)	(< 1,000 K-12 in town)
Question											
Among students who are less than 18 years of age and who reported current cigarette use, the percentage who usually got their own cigarettes by buying them in a store or gas station during the past 30 days (ND QN31, CDC QN32)	11.8%	15.5%	6.1%	21.7%	12.9%	4.5%	3.4%	8.2%	12.0%	7.6%	10.8%
Percentage of students who were not asked to show proof of age when they bought or tried to buy cigarettes in a store during the past 30 days (ND QN32, CDC QN96)	4.9%	4.8%	3.0%	10.5%	6.5%	2.9%	2.9%	3.8%	5.6%	3.2%	5.0%

Other Tobacco	CDC Statewide Results	Winkelman Consulting Results									
		Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Urban	Rural
		Willis- ton Area	Minot Area	Devils Lake Area	Grand Forks Area	Fargo Area	James- town Area	Bis- marck Area	Dickin- son Area	(1,000+ K-12 in town)	(< 1,000 K-12 in town)
Question											
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)	27.4%	31.5%	25.6%	32.7%	27.2%	22.4%	23.8%	28.3%	31.5%	25.6%	27.0%
Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days (ND QN36, CDC QN36)	11.7%	17.0%	10.1%	11.2%	14.2%	9.4%	11.3%	10.9%	18.2%	8.3%	13.4%
Percentage of students who used chewing tobacco, snuff, or dip on school property on one or more of the past 30 days (ND QN37, CDC QN37)	6.3%	8.8%	4.1%	6.0%	5.4%	4.3%	4.3%	4.9%	9.1%	3.8%	5.9%
Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days (ND QN38, CDC QN38)	11.4%	12.5%	9.2%	7.9%	10.6%	10.8%	9.1%	13.6%	21.2%	10.9%	11.1%

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**2007 North Dakota High School (Grades 9-12) YRBS
Summary of the Statewide, Regional, and Urban vs. Rural Results**

Alcohol and Other Drug Use

Alcohol	CDC Statewide Results	Winkelman Consulting Results									
		Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Urban	Rural
		Willis- ton Area	Minot Area	Devils Lake Area	Grand Forks Area	Fargo Area	James- town Area	Bis- marck Area	Dickin- son Area	(1,000+ K-12 in town)	(< 1,000 K-12 in town)
Question											
Percentage of students who had at least one drink of alcohol on one or more days during their life (ND QN39, CDC QN39)	73.9%	77.0%	72.7%	75.1%	71.9%	70.2%	76.3%	74.8%	81.3%	71.3%	75.3%
Percentage of students who had their first drink of alcohol other than a few sips before age 13 years (ND QN40, CDC QN40)	19.7%	21.6%	20.6%	20.2%	21.0%	17.8%	22.7%	20.2%	33.8%	17.8%	22.5%
Percentage of students who had at least one drink of alcohol on one or more of the past 30 days (ND QN41, CDC QN41)	46.1%	50.3%	42.8%	44.5%	43.1%	41.9%	48.8%	47.6%	50.2%	42.1%	47.3%
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 QN42, CDC QN42)	32.5%	35.1%	30.4%	32.4%	30.5%	28.8%	32.8%	33.4%	35.9%	29.2%	33.2%
Among students who reported current alcohol use, the percentage of students who usually got the alcohol they drank by buying it in a store such as a liquor store, convenience store, supermarket, discount store, or gas station during the past 30 (ND QN43, CDC QN43)	1.9%	2.7%	1.1%	3.3%	2.4%	2.1%	0.9%	3.0%	0.7%	2.2%	2.0%
Percentage of students who drank a usual type of alcohol during the past 30 days (ND QN44, CDC QN97)	43.9%	46.6%	40.5%	42.8%	42.4%	39.0%	45.6%	44.3%	46.3%	39.6%	44.4%
Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days (ND QN45, CDC QN44)	4.4%	5.7%	3.0%	3.6%	3.5%	3.7%	3.5%	4.1%	10.1%	3.4%	4.3%

Marijuana	CDC Statewide Results	Winkelman Consulting Results									
		Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Urban	Rural
		Willis- ton Area	Minot Area	Devils Lake Area	Grand Forks Area	Fargo Area	James- town Area	Bis- marck Area	Dickin- son Area	(1,000+ K-12 in town)	(< 1,000 K-12 in town)
Question											
Percentage of students who used marijuana one or more times during their life (ND QN46, CDC QN45)	30.1%	29.9%	30.1%	36.2%	29.7%	28.4%	18.7%	33.6%	18.3%	32.4%	26.8%
Percentage of students who tried marijuana for the first time before age 13 years (ND QN47, CDC QN46)	5.4%	4.7%	5.6%	9.8%	5.1%	4.7%	3.9%	7.6%	4.2%	5.3%	6.3%
Percentage of students who used marijuana one or more times during the past 30 days (ND QN48, CDC QN47)	14.8%	14.9%	14.6%	18.6%	12.4%	13.2%	6.2%	18.2%	10.3%	16.9%	12.1%
Percentage of students who used marijuana on school property one or more times during the past 30 days (ND QN49, CDC QN48)	2.7%	2.5%	3.2%	3.8%	1.6%	2.9%	1.3%	3.3%	2.8%	3.7%	2.2%

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**2007 North Dakota High School (Grades 9-12) YRBS
Summary of the Statewide, Regional, and Urban vs. Rural Results**

Other Drugs	CDC Statewide Results	Winkelman Consulting 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)
Question											
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life (ND QN50, CDC QN49)	6.2%	6.1%	6.5%	6.6%	5.6%	6.7%	3.0%	8.3%	6.7%	8.1%	5.2%
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during the past 30 days (ND QN51, CDC QN50)	2.0%	2.3%	1.6%	3.3%	1.6%	2.7%	1.0%	2.2%	3.9%	2.8%	1.8%
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 QN52, CDC QN51)	11.1%	12.5%	12.7%	14.1%	15.1%	8.7%	10.6%	11.4%	19.6%	11.3%	11.9%
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 QN53, CDC QN98)	3.5%	3.3%	4.3%	4.9%	4.1%	2.6%	3.6%	4.4%	8.0%	3.4%	4.3%
Percentage of students who used heroin one or more times during their life (ND QN54, CDC QN52)	2.4%	2.5%	1.6%	2.0%	2.1%	2.4%	1.5%	2.8%	5.2%	2.4%	2.1%
Percentage of students who used methamphetamines one or more times during their life (ND QN55, CDC QN53)	4.1%	3.2%	3.4%	5.5%	4.3%	3.9%	2.9%	5.2%	4.9%	4.7%	3.8%
Percentage of students who used ecstasy one or more times during their life (ND QN56, CDC QN54)	4.4%	3.5%	4.1%	3.6%	4.3%	6.0%	2.6%	5.8%	4.9%	6.2%	3.6%
Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life (ND QN57, CDC QN55)	2.6%	2.7%	2.4%	3.8%	3.0%	2.9%	2.1%	3.7%	4.2%	3.0%	3.1%
Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life (ND QN58, CDC QN56)	1.8%	1.7%	1.6%	2.0%	1.6%	1.9%	1.0%	2.9%	3.1%	2.1%	1.9%
Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months (ND QN59, CDC QN57)	18.7%	21.5%	18.8%	20.7%	18.7%	19.3%	17.7%	17.9%	21.6%	20.5%	17.8%

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Sexual Behavior and HIV/AIDS Education

Sexual Behavior Question	CDC Statewide Results	Winkelman Consulting 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 QN91, CDC QN58)	42.6%	49.7%	42.2%	50.2%	42.9%	38.3%	38.0%	41.7%	36.6%	40.9%	42.2%
Percentage of students who had sexual intercourse for the first time before age 13 years (ND QN92, CDC QN59)	3.0%	6.0%	3.2%	5.1%	3.3%	3.2%	3.6%	3.3%	3.9%	3.1%	4.0%
Percentage of students who had sexual intercourse with four or more people during their life (ND QN93, CDC QN60)	10.9%	12.5%	12.0%	14.7%	10.7%	10.1%	9.0%	11.2%	9.7%	11.7%	10.7%
Percentage of students who had sexual intercourse with one or more people during the past three months (ND QN94, CDC QN61)	31.6%	34.6%	31.0%	36.6%	32.0%	28.7%	27.2%	30.2%	25.5%	30.4%	30.4%
Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse (ND QN95, CDC QN62)	28.1%	24.3%	27.3%	25.3%	25.7%	24.9%	30.9%	24.9%	37.5%	24.2%	27.9%
Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse (ND QN96, CDC QN63)	63.6%	63.3%	60.2%	59.5%	62.6%	60.6%	61.9%	62.1%	67.2%	56.8%	64.5%
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 QN97, CDC QN64)	25.3%	29.1%	25.3%	23.1%	23.5%	25.0%	17.6%	26.2%	15.4%	28.9%	20.8%
Percentage of students who have ever given or received oral (ND QN98, CDC QN110)	45.9%	47.1%	43.7%	42.5%	45.6%	42.9%	42.4%	43.6%	40.4%	46.3%	41.4%
Percentage of students who think sexual abstinence (not being sexually active) is very important for them at this time in their life (ND QN99, CDC QN111)	23.4%	22.0%	25.6%	25.4%	26.6%	24.4%	24.5%	25.4%	26.2%	25.0%	25.0%

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**2007 North Dakota High School (Grades 9-12) YRBS
Summary of the Statewide, Regional, and Urban vs. Rural Results**

Dietary Behaviors

Question	CDC Statewide Results	Winkelman Consulting 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 ate fruits and vegetables five or more times per day during the past seven days (CDC QNFRVG)	16.6%	17.2%	13.6%	15.7%	14.5%	17.7%	13.2%	16.2%	20.2%	16.7%	15.1%
Percentage of students who drank 100% fruit juices one or more times during the past seven days (ND QN68, CDC QN72)	83.2%	84.7%	81.1%	81.7%	85.3%	82.2%	83.4%	84.9%	83.0%	82.7%	83.3%
Percentage of students who ate fruit one or more times during the past seven days (ND QN69, CDC QN73)	89.0%	87.8%	88.2%	88.0%	88.1%	90.4%	90.1%	92.5%	92.7%	89.9%	90.0%
Percentage of students who ate green salad one or more times during the past seven days (ND QN70, CDC QN74)	64.7%	71.1%	64.0%	58.6%	61.6%	69.5%	62.4%	65.0%	71.0%	65.9%	64.8%
Percentage of students who ate potatoes one or more times during the past seven days (ND QN71, CDC QN75)	76.4%	81.0%	75.9%	79.7%	79.8%	77.7%	81.8%	77.9%	81.8%	74.7%	81.5%
Percentage of students who ate carrots one or more times during the past seven days (ND QN72, CDC QN76)	55.5%	54.1%	53.0%	53.4%	53.2%	59.1%	55.8%	60.4%	59.6%	57.1%	56.6%
Percentage of students who ate other vegetables one or more times during the past seven days (ND QN73, CDC QN77)	84.6%	82.8%	83.5%	83.9%	81.9%	85.3%	83.7%	84.8%	91.3%	84.7%	84.2%
Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days (ND QN74, CDC QN78)	28.6%	31.7%	28.0%	33.5%	31.8%	27.7%	25.9%	26.8%	28.5%	27.1%	29.4%
Percentage of students who drank three or more glasses per day of milk during the past seven days (ND QN75, CDC QN79)	25.4%	26.2%	25.6%	21.3%	26.8%	28.5%	27.9%	26.5%	31.9%	25.7%	27.5%
Percentage of students who ate breakfast on seven of the past seven days (ND QN76, CDC QN100)	35.4%	37.5%	32.7%	33.8%	36.0%	37.9%	36.1%	36.9%	38.4%	36.0%	36.2%
Percentage of students who ate at a fast food restaurant one or more times during the past seven days (ND QN77, CDC QN101)	71.6%	74.0%	72.2%	67.0%	70.2%	70.1%	61.8%	70.4%	71.8%	76.2%	64.5%
Percentage of students who ate a meal with their family yesterday (ND QN78, CDC QN102)	56.5%	57.3%	57.5%	59.1%	58.5%	56.0%	63.6%	58.8%	65.6%	55.2%	61.1%

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**2007 North Dakota High School (Grades 9-12) YRBS
Summary of the Statewide, Regional, and Urban vs. Rural Results**

Weight	CDC Statewide Results	Winkelman Consulting 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)
Question											
Percentage of students who were overweight (i.e., at or above the 95th percentile for body mass index, by age and sex) (CDC QNOVWGT)	10.0%	12.1%	12.3%	14.1%	13.6%	9.8%	9.8%	8.7%	11.0%	9.4%	11.9%
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)	13.7%	12.7%	13.7%	15.1%	14.6%	12.9%	14.3%	13.5%	8.9%	13.4%	13.6%
Percentage of students who described themselves as slightly or very overweight (ND QN60, CDC QN65)	30.5%	31.8%	32.8%	34.3%	33.7%	32.1%	31.1%	29.0%	29.0%	30.3%	32.6%
Percentage of students who were trying to lose weight (ND QN61, CDC QN66)	47.2%	46.6%	49.2%	49.8%	47.0%	45.3%	45.9%	44.0%	44.1%	47.1%	45.7%
Percentage of students who exercised to lose weight or to keep from gaining weight during the past 30 days (ND QN62, CDC QN67)	62.7%	61.7%	65.0%	68.4%	57.5%	61.3%	62.4%	61.7%	62.3%	63.7%	61.9%
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 QN63, CDC QN68)	39.4%	42.1%	43.2%	41.7%	41.2%	41.5%	40.4%	37.8%	37.4%	40.8%	40.7%
Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days (ND QN64, CDC QN69)	9.7%	12.6%	11.4%	10.0%	12.1%	9.8%	11.9%	10.4%	9.1%	10.2%	11.1%
Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days (ND QN65, CDC QN70)	5.6%	5.7%	6.0%	5.5%	5.4%	5.1%	5.1%	6.1%	4.2%	5.5%	5.5%
Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days (ND QN66, CDC QN71)	4.4%	4.4%	4.9%	4.2%	4.8%	3.9%	5.1%	4.3%	6.0%	4.1%	4.8%
Percentage of students who responded that how to maintain a healthy weight had been discussed during their last visit with a doctor or nurse (ND QN67, CDC QN99)	9.9%	9.8%	11.4%	11.5%	10.8%	12.7%	9.4%	10.4%	9.1%	11.5%	10.8%

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**2007 North Dakota High School (Grades 9-12) YRBS
Summary of the Statewide, Regional, and Urban vs. Rural Results**

Physical Activity

Physical Activity	CDC Statewide Results	Winkelman Consulting Results									
		Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Urban	Rural
		Willis- ton Area	Minot Area	Devils Lake Area	Grand Forks Area	Fargo Area	James- town Area	Bis- marck Area	Dickin- son Area	(1,000+ K-12 in town)	(< 1,000 K-12 in town)
Question											
Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days (ND QN79, CDC QN80)	47.8%	43.8%	46.6%	46.1%	43.2%	48.5%	46.8%	47.5%	45.8%	46.2%	47.4%
Percentage of students who watched three or more hours per day of TV on an average school day (ND QN80, CDC QN81)	25.0%	18.5%	25.2%	27.5%	23.1%	25.1%	22.0%	23.3%	22.3%	23.2%	24.7%
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 QN81, CDC QN82)	18.6%	15.5%	19.4%	18.5%	16.3%	18.0%	16.8%	19.3%	13.9%	18.1%	18.0%
Percentage of students who spend more than 20 minutes actually exercising or playing sports during an average PE class (ND QN82, CDC QN103)	59.5%	43.4%	63.2%	51.7%	52.8%	53.9%	50.5%	64.5%	57.5%	63.0%	51.8%
Percentage of students who saw a doctor or nurse for an injury that happened while exercising or playing sports during the past 30 days (ND QN83, CDC QN104)	11.7%	12.4%	12.4%	11.8%	9.7%	13.6%	9.3%	11.6%	10.2%	11.7%	12.0%

Other

Oral Health	CDC Statewide Results	Winkelman Consulting Results									
		Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Urban	Rural
		Willis- ton Area	Minot Area	Devils Lake Area	Grand Forks Area	Fargo Area	James- town Area	Bis- marck Area	Dickin- son Area	(1,000+ K-12 in town)	(< 1,000 K-12 in town)
Question											
Percentage of students who last time saw a dentist for a check-up, exam, teeth cleaning, or other dental work during the past 12 months (ND QN84, CDC QN105)	77.1%	73.8%	73.9%	66.8%	73.7%	80.5%	68.5%	76.6%	71.1%	78.7%	71.7%
Percentage of students who have had one or more cavities in their permanent teeth (ND QN85, CDC QN106)	54.5%	60.4%	57.6%	60.6%	61.1%	51.7%	54.8%	57.1%	62.4%	55.0%	57.5%
Percentage of students who brush their teeth two or more times per day (ND QN86, CDC QN107)	64.4%	62.5%	61.8%	68.0%	65.2%	66.3%	60.4%	62.7%	61.8%	65.7%	62.5%

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**2007 North Dakota High School (Grades 9-12) YRBS
Summary of the Statewide, Regional, and Urban vs. Rural Results**

Asthma	CDC Statewide Results	Winkelman Consulting 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)
Question											
Percentage of students who had ever been told by a doctor or nurse that they had asthma (ND QN87, CDC QN86)	19.4%	19.0%	19.0%	13.7%	19.3%	16.7%	16.1%	20.8%	19.9%	19.2%	17.0%
Percentage of students who had been told by a doctor or nurse that they had asthma and still have asthma (i.e. current asthma) (ND QN88, CDC QN87)	10.3%	10.7%	11.4%	6.8%	8.6%	8.8%	8.8%	11.9%	11.1%	10.8%	9.1%
Percentage of students who currently have an asthma action plan, that is, written instructions from a doctor or nurse on how to care their asthma (ND QN89, CDC QN108)	8.5%	8.8%	8.4%	5.9%	7.4%	8.0%	7.3%	9.6%	7.4%	9.1%	7.4%
Among students who currently have asthma, the percentage who went to an emergency room or urgent care center because of their asthma one or more times during the past 12 months (ND QN90, CDC QN109)	15.4%	17.3%	14.8%	11.7%	11.8%	11.5%	13.5%	12.3%	17.8%	11.6%	14.1%

Mental Health and Stress	CDC Statewide Results	Winkelman Consulting 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)
Question											
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 QN19, CDC QN91)	13.6%	11.1%	15.1%	16.3%	15.9%	14.1%	13.3%	15.2%	11.5%	16.1%	13.3%
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 QN20, CDC QN92)	8.4%	9.4%	8.0%	9.7%	10.3%	10.0%	8.6%	9.0%	2.8%	10.9%	7.7%
Percentage of students who never or rarely get the kind of help they need when they feel sad, empty, hopeless, angry, or anxious (ND QN21, CDC QN93)	28.6%	26.7%	30.3%	29.2%	29.0%	28.1%	31.0%	29.7%	31.2%	29.4%	29.3%
Percentage of students who strongly agree or agree they can resist negative peer pressure and dangerous situations (ND QN22, CDC QN94)	75.2%	77.7%	76.0%	72.9%	75.0%	78.2%	72.1%	75.1%	76.0%	78.6%	73.4%

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