

North Dakota 2011 High School (Grades 9-12) YRBS Results

(Including breakdowns by region and urban/rural)

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 (STDs), 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 2013, 2015, 2017, etc. **To avoid the risk of overburdening your teachers and students with surveys, we strongly recommend you encourage the schools in your area to reserve March and April of odd years for conducting the YRBS and YTS 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.**

Contact Information for the Statewide Results

The 2011 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:

Gail Schauer
YRBS Data Manager
ND Department of Public Instruction
Email: gschauer@nd.gov
Telephone: 701-328-2265

¹ During the 2010-2011 school year, roughly 30,196 students (Grades 9-12) attended "eligible" North Dakota high schools. To be eligible for the 2011 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 10,336 high school students (Grades 9-12) from 113 North Dakota high schools during the spring of 2011, of which 1,911 were students from schools/classes that were "selected" for the statewide CDC sample and 8,425 were students from schools/classes that "voluntarily" participated in the YRBS. Data from all high school student surveys are included in the Winkelman Consulting results.

North Dakota 2011 High School (Grades 9-12) YRBS Results (Including breakdowns by region and urban/rural)

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, 10,336 high school students (Grades 9-12) participated in the 2011 North Dakota High School YRBS, of which 8,425 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 school 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 regional or urban/rural results or desire additional detail, please feel free to contact:

Mark Winkelman
Winkelman Consulting
Email: MRWinkelman@cableone.net
Telephone: 701-237-2283

School Results, Limitations, and Contact Information

Parameters for School Results

Schools that met the requirements² received a similar report that included their 2011 YRBS high school (Grades 9-12) results! To receive results for an individual question, however, six or more students from your school must have reported the behavior being measured by that question.

Contact Information for School Results

If any schools have questions about their school results or desire additional analysis (tables by grade/gender³, significance tests, or data weighting as noted in the footnotes below), please feel free to have them contact Mark Winkelman at Winkelman Consulting (see the contact information above).

² Due to federal and state confidentiality requirements, YRBS high school (Grades 9-12) results will be provided **only** to schools that returned at least 25 completed high school surveys. If your school did not return at least 25 completed high school surveys, you will not receive high school results for your school but you can still access the 2011 North Dakota Statewide High School YRBS results on the Department of Public Instruction's Coordinated School Health website (<http://dpi.state.nd.us/health/YRBS/index.shtml>).

³ To receive additional analysis by grade, gender, etc. for a minimal fee, there must be at least 25 countable surveys in each grade segment, gender segment, etc. If a grade or gender segment does not have 25 countable surveys, grades segments can be combined to attain the required number of countable surveys. For example, if Grade 10 had seventeen countable surveys and Grade 11 had twenty-two countable surveys, a segment that combines Grades 10-11 could be provided.

North Dakota 2011 High School (Grades 9-12) YRBS Results
(Including breakdowns by region and urban/rural)

Format, Question Order, Abbreviations & a Reminder Related to “Voluntary” Data

At the end of each question (or calculated variable), we have provided both a ND [NDHqn# (or NDHqnname)] and a CDC [CDC QN# (or CDC QNname)] question number or variable name. The ND question number indicates the question number as it appeared on the 2011 North Dakota High School (Grades 9-12) YRBS questionnaire. The CDC question number (or variable name) indicates the question number or variable name assigned to the question (or variable) by the CDC. Please note that the results on the following pages are listed in an order similar to that in which the statewide results will be presented on the Department of Public Instruction website.

Remember, when looking at the Region or Urban-Rural data, please note that 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.

Unintentional Injuries and Violence

Injury	CDC North Dakota 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)
Question											
Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else (NDHqn9, CDC QN9)	13.4%	15.6%	15.7%	19.1%	15.5%	7.8%	20.4%	16.1%	14.6%	11.6%	17.8%
Percentage of students who never or rarely wear a seat belt when driving a car (NDHqn10, CDC QN88)	13.3%	15.5%	16.6%	20.2%	15.2%	8.0%	19.9%	15.1%	11.0%	10.9%	18.0%
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 (NDHqn11, CDC QN10)	25.1%	23.5%	24.4%	30.1%	26.0%	19.3%	27.6%	24.0%	24.7%	19.9%	28.4%
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 (NDHqn12, CDC QN11)	11.7%	12.4%	11.8%	14.7%	12.8%	8.3%	15.7%	12.7%	11.8%	9.0%	15.2%
Percentage of students who texted or e-mailed while driving a car or other vehicle on one or more of the past 30 days (NDHqn13, CDC QN89)	57.6%	62.0%	55.0%	59.9%	56.9%	52.1%	62.6%	53.1%	64.1%	51.9%	60.0%
Percentage of students who talked on a cell phone while driving a car or other vehicle on one or more of the past 30 days (NDHqn14, CDC QN90)	60.9%	67.6%	59.7%	64.0%	59.6%	55.4%	66.9%	59.1%	68.5%	56.3%	64.4%
Percentage of students who have ever had an all terrain vehicle (ATV) injury that had to be treated by a doctor or nurse during the past 12 months (NDHqn15, CDC QN91)	3.8%	3.4%	4.3%	4.1%	4.3%	3.2%	3.8%	4.6%	4.7%	3.6%	4.4%

North Dakota 2011 High School (Grades 9-12) YRBS Results
(Including breakdowns by region and urban/rural)

School Violence	CDC North Dakota 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)
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 (NDHqn16, CDC QN14)	5.7%	5.6%	6.6%	4.3%	5.1%	4.9%	6.5%	5.8%	8.8%	5.3%	6.1%
Percentage of students who were in a physical fight on school property one or more times during the past 12 months (NDHqn17, CDC QN19)	8.2%	3.9%	7.7%	9.1%	8.4%	7.0%	8.8%	9.3%	8.5%	7.9%	8.5%
Percentage of students who had ever been bullied on school property during the past 12 months (NDHqn20, CDC QN22)	24.9%	25.1%	26.5%	24.6%	23.8%	23.1%	27.9%	24.8%	24.7%	24.2%	25.7%

Violence	CDC North Dakota 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)
Question											
Percentage of students who were ever hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months (NDHqn18, CDC QN20)	6.7%	7.8%	8.5%	9.0%	7.2%	6.4%	6.7%	8.5%	6.8%	7.6%	7.6%
Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to (NDHqn19, CDC QN21)	6.4%	6.7%	8.1%	7.1%	8.3%	6.4%	6.8%	7.5%	5.5%	7.7%	6.6%
Percentage of students who had ever been electronically bullied during the past 12 months (NDHqn21, CDC QN23)	17.4%	19.6%	17.9%	15.7%	18.5%	16.4%	17.0%	16.7%	15.6%	17.7%	16.0%
Percentage of students who have been harassed during the past 12 months because someone thought you were gay, lesbian, or bisexual (NDHqn22, CDC QN92)	8.1%	7.8%	8.2%	8.5%	7.7%	7.9%	8.4%	7.6%	10.7%	8.1%	8.0%

Injury to Oneself & Suicide	CDC North Dakota 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)
Question											
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 (NDHqn23, CDC QN24)	23.8%	20.1%	26.5%	21.6%	24.8%	22.7%	23.6%	24.0%	19.5%	25.1%	22.0%
Percentage of students who seriously considered attempting suicide during the past 12 months (NDHqn24, CDC QN25)	14.7%	12.3%	16.6%	12.8%	16.7%	13.8%	16.2%	14.0%	11.5%	15.9%	13.2%
Percentage of students who made a plan about how they would attempt suicide during the past 12 months (NDHqn25, CDC QN26)	12.1%	10.6%	14.4%	11.7%	13.4%	11.8%	13.3%	12.6%	9.9%	12.7%	12.5%
Percentage of students who actually attempted suicide one or more times during the past 12 months (NDHqn26, CDC QN27)	10.8%	12.3%	11.2%	10.5%	14.1%	10.6%	10.7%	11.2%	9.9%	11.8%	10.4%

North Dakota 2011 High School (Grades 9-12) YRBS Results
(Including breakdowns by region and urban/rural)

Tobacco Use

Cigarette	CDC North Dakota 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)
Question											
Percentage of students who smoked cigarettes on 20 or more of the past 30 days (NDHqnfricg, CDC QNFRCIG, calculated using NDHq29)	8.3%	5.2%	11.8%	7.1%	8.7%	5.3%	8.6%	9.3%	6.0%	8.7%	7.5%
Percentage of students who ever tried cigarette smoking, even one or two puffs (NDHqn27, CDC QN29)	44.1%	40.9%	46.3%	48.3%	42.2%	34.4%	45.9%	46.7%	40.6%	40.8%	45.0%
Percentage of students who smoked a whole cigarette for the first time before age 13 years (NDHqn28, CDC QN30)	8.6%	8.0%	9.6%	12.5%	10.9%	6.9%	8.5%	9.6%	9.2%	8.8%	9.4%
Percentage of students who smoked cigarettes on one or more of the past 30 days (NDHqn29, CDC QN31)	19.4%	20.2%	22.8%	17.2%	18.9%	13.1%	21.1%	22.3%	16.3%	18.9%	18.9%
Among students who reported current cigarette use, the percentage who ever tried to quit smoking during the past 12 months (NDHqn31, CDC QN36)	52.8%	61.8%	54.5%	51.3%	49.0%	48.2%	40.1%	45.4%	46.4%	50.2%	45.2%

Cigarette Purchase	CDC North Dakota 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)
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 (NDHqn30, CDC QN33)	9.7%	7.7%	10.2%	10.2%	16.8%	4.7%	6.4%	9.3%	4.9%	8.0%	9.5%

Other Tobacco	CDC North Dakota 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)
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 (NDHqnanytob, CDC QNANYTOB, calculated using NDHq29, NDHq32 & NDHq33)	28.3%	32.9%	31.6%	27.7%	24.2%	19.6%	30.7%	30.7%	27.1%	25.7%	28.7%
Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days (NDHqn32, CDC QN37)	13.6%	17.3%	17.4%	15.8%	12.5%	8.7%	19.2%	15.4%	18.9%	11.5%	17.6%
Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days (NDHqn33, CDC QN39)	13.5%	11.2%	13.9%	9.0%	9.9%	10.5%	13.4%	14.8%	12.3%	13.0%	11.6%
Percentage of students who used dissolvable tobacco products such as Ariva, Stonewall, Camel Orbs, Strips, or Sticks during the past 30 days (NDHqn34, CDC QN93)	2.5%	0.6%	2.2%	1.5%	1.5%	1.4%	2.5%	2.6%	2.7%	1.9%	2.1%

North Dakota 2011 High School (Grades 9-12) YRBS Results
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Alcohol and Other Drug Use

Alcohol	CDC North Dakota 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)
Question											
Percentage of students who had at least one drink of alcohol on one or more days during their life (NDHqn35, CDC QN40)	68.3%	70.5%	68.9%	73.1%	66.8%	62.0%	74.8%	68.1%	75.0%	64.0%	72.6%
Percentage of students who had their first drink of alcohol other than a few sips before age 13 years (NDHqn36, CDC QN41)	16.7%	18.5%	17.8%	19.0%	18.0%	13.5%	20.4%	18.3%	28.2%	15.7%	19.7%
Percentage of students who had at least one drink of alcohol on one or more of the past 30 days (NDHqn37, CDC QN42)	38.8%	39.4%	37.6%	41.7%	37.8%	30.8%	44.1%	38.9%	41.2%	34.2%	41.1%
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 (NDHqn38, CDC QN43)	25.6%	25.1%	24.5%	29.7%	25.1%	19.9%	31.0%	25.0%	24.9%	22.0%	27.9%
Among students who reported current alcohol use, the percentage of students who usually got the alcohol they drank from someone who gave it to them during the past 30 days (NDHqn39, CDC QN44)	33.5%	42.4%	32.1%	32.2%	30.9%	32.2%	32.1%	33.9%	40.4%	32.0%	33.9%
Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days (NDHqn40, CDC QN45)	3.1%	0.6%	3.6%	3.2%	3.2%	2.1%	4.7%	3.9%	4.4%	2.9%	3.8%
Percentage of students who disagree that in your community, drinking among teenagers is acceptable (NDHqn41, CDC QN94)	42.6%	36.3%	42.5%	43.3%	43.7%	48.5%	38.0%	41.5%	37.2%	46.8%	39.1%
Percentage of students who responded that people do not risk harming themselves (physically or in other ways), if they have five or more drinks of an alcoholic beverage (beer, wine, or liquor) once or twice each week (NDHqn42, CDC QN95)	9.5%	7.8%	8.0%	9.1%	8.2%	6.6%	9.1%	9.1%	11.3%	6.9%	9.9%

Marijuana	CDC North Dakota 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)
Question											
Percentage of students who tried marijuana for the first time before age 13 years (NDHqn43, CDC QN47)	6.3%	6.7%	7.8%	7.4%	5.6%	5.2%	5.1%	8.1%	5.2%	6.8%	6.2%
Percentage of students who used marijuana one or more times during the past 30 days (NDHqn44, CDC QN48)	15.3%	11.7%	19.6%	17.6%	12.9%	13.7%	13.8%	18.9%	10.5%	18.7%	13.1%
Percentage of students who used marijuana on school property one or more times during the past 30 days (NDHqn45, CDC QN49)	3.4%	1.1%	3.9%	3.6%	2.8%	2.5%	3.2%	4.7%	1.9%	4.3%	2.4%

North Dakota 2011 High School (Grades 9-12) YRBS Results
(Including breakdowns by region and urban/rural)

Other Drugs	CDC North Dakota 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)
Question											
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life (NDHqn46, CDC QN50)	6.0%	2.9%	6.9%	4.5%	6.6%	4.5%	4.7%	7.3%	3.7%	7.0%	4.3%
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 (NDHqn47, CDC QN52)	11.6%	14.6%	14.2%	11.8%	10.9%	8.8%	10.6%	13.9%	8.5%	12.8%	10.3%
Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life (NDHqn48, CDC QN56)	2.9%	1.1%	3.1%	1.8%	3.1%	2.2%	3.4%	3.5%	3.3%	3.1%	2.6%
Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicoden, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during your life (NDHqn49, CDC QN57)	16.2%	10.1%	23.1%	12.8%	17.9%	15.1%	15.9%	18.6%	14.6%	19.6%	14.6%
Percentage of students who have taken over-the-counter drugs to get high one or more times during their life (NDHqn50, CDC QN96)	11.2%	9.5%	13.4%	9.5%	11.2%	9.0%	10.2%	13.8%	9.6%	13.6%	8.7%
Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life (NDHqn51, CDC QN58)	2.0%	1.7%	2.7%	1.5%	2.0%	1.7%	2.0%	2.6%	2.2%	2.6%	1.7%
Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months (NDHqn52, CDC QN59)	20.8%	21.8%	23.2%	17.7%	21.8%	20.2%	19.0%	21.8%	18.2%	22.8%	18.5%

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Sexual Behavior and HIV/AIDS Education

Sexual Behavior	CDC North Dakota 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)
Question											
Percentage of students who ever had sexual intercourse (NDHqn83, CDC QN60)	44.8%	47.6%	45.7%	48.9%	47.8%	37.6%	43.4%	42.3%	39.7%	42.6%	43.2%
Percentage of students who had sexual intercourse for the first time before age 13 years (NDHqn84, CDC QN61)	3.7%	4.2%	3.6%	3.6%	5.0%	3.0%	3.7%	4.4%	2.4%	3.8%	3.7%
Percentage of students who had sexual intercourse with four or more people during their life (NDHqn85, CDC QN62)	13.2%	11.3%	14.6%	16.9%	13.3%	10.2%	11.7%	13.2%	7.9%	14.0%	11.2%
Among students who ever had sexual intercourse, the percentage who drank alcohol or used drugs before last sexual intercourse (NDHqnd86, see note below *)	22.0% *	25.0% *	20.0% *	24.8% *	20.1% *	19.5% *	22.7% *	24.5% *	16.0% *	21.7% *	21.9% *
Among students who ever had sexual intercourse, the percentage who used a condom during last sexual intercourse (NDHqnd87, see note below *)	63.6% *	72.8% *	59.5% *	66.8% *	62.7% *	60.8% *	65.4% *	63.8% *	66.4% *	60.8% *	65.5% *
Among students who ever had sexual intercourse, the percentage who used birth control pills to prevent pregnancy before last sexual intercourse (NDHqnd88, see note below *)	22.2% *	25.3% *	20.6% *	17.5% *	19.9% *	25.7% *	21.4% *	19.9% *	25.8% *	22.6% *	20.5% *
Percentage of students who have ever given or received oral sex (NDHqn89, CDC QN112)	44.9%	44.9%	48.2%	45.5%	50.8%	44.1%	46.4%	44.4%	44.0%	46.7%	44.9%
Percentage of students who have had sexual contact with both males and females during their life (NDHqn90, CDC QN113)	3.1%	1.7%	4.4%	3.4%	4.7%	3.4%	3.3%	3.2%	3.0%	4.2%	2.9%
Percentage of students who describe themselves as gay, lesbian, or bisexual (NDHqn91, CDC QN114)	4.1%	3.9%	6.1%	4.5%	5.6%	4.9%	3.9%	4.8%	3.9%	5.7%	4.0%
Percentage of students who have ever been tested for a sexually transmitted disease (STD) including HIV, the virus that causes AIDS (NDHqn92, CDC QN115)	11.9%	12.3%	14.4%	15.4%	13.9%	11.3%	12.2%	12.9%	11.9%	13.8%	12.0%
Percentage of students who responded that sexual abstinence is very important for them at this time in their life (NDHqn93, CDC QN116)	47.4%	43.8%	44.3%	46.9%	48.8%	48.8%	47.3%	50.0%	48.5%	49.0%	46.9%
Percentage of students whose parents or other adults in their family talked with them about what they expect them to do or not to do when it comes to sex (NDHqn94, CDC QN117)	60.8%	61.9%	59.9%	58.7%	60.7%	59.6%	58.6%	60.2%	51.2%	61.4%	57.4%

* **Note:** QN results for NDH Q86-Q88 are provided. However, corresponding CDC data (CDC Q64-Q66) cannot be provided since (1) CDC Q63 was not asked and (2) CDC Q63 is required to calculate CDC QN64-QN66.

- **CDC Q63.** During the past 3 months, with how many people did you have sexual intercourse?
 - **CDC QN63.** Percentage of students who had sexual intercourse with one or more people during the past three months.
- **NDH Q86-CDC Q64.** Did you drink alcohol or use drugs before you had sexual intercourse the **last time**?
 - **CDC QN64.** Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse.
 - **NDH qnd86.** Among students who ever had sexual intercourse, the percentage who drank alcohol or used drugs before last sexual intercourse.
- **NDH Q87-CDC Q65.** The **last time** you had sexual intercourse, did you or your partner use a condom?
 - **CDC QN65.** Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse.
 - **NDH qnd87.** Among students who ever had sexual intercourse, the percentage who used a condom during last sexual intercourse.
- **NDH Q88-CDC Q66.** The **last time** you had sexual intercourse, what **one** method did you or your partner use to **prevent pregnancy**? (Select only **one** response.)
 - **CDC QN66.** 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.
 - **NDH qnd88.** Among students who ever had sexual intercourse, the percentage who used birth control pills to prevent pregnancy before last sexual intercourse.

North Dakota 2011 High School (Grades 9-12) YRBS Results
(Including breakdowns by region and urban/rural)

Dietary Behaviors

Weight	CDC North Dakota 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)
Question											
Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) (NDHqnobese, CDC QNOBESE, calculated using NDHq1-NDHq2 & NDHq6-NDHq7)	11.0%	14.6%	12.4%	17.1%	14.1%	10.0%	13.1%	11.2%	8.0%	11.1%	13.1%
Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) (NDHqnowt, CDC QNOWT, calculated using NDHq1-NDHq2 & NDHq6-NDHq7)	14.5%	15.7%	13.6%	18.4%	14.1%	13.2%	14.9%	12.9%	13.3%	13.3%	14.8%
Percentage of students who described themselves as slightly or very overweight (NDHqn53, CDC QN67)	28.6%	35.2%	30.5%	38.5%	31.2%	29.2%	33.0%	28.3%	26.3%	29.5%	31.9%
Percentage of students who were trying to lose weight (NDHqn54, CDC QN68)	43.4%	42.5%	43.8%	50.9%	50.8%	44.2%	47.5%	44.8%	42.4%	45.5%	46.1%
Percentage of students who exercised to lose weight or to keep from gaining weight during the past 30 days (NDHqn55, CDC QN97)	60.6%	52.5%	59.9%	63.4%	61.1%	59.4%	60.0%	62.1%	58.5%	61.8%	59.3%
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 (NDHqn56, CDC QN98)	39.3%	41.3%	39.4%	41.2%	43.6%	38.1%	42.6%	39.2%	35.6%	40.5%	39.2%
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 (NDHqn57, CDC QN69)	10.3%	7.3%	12.2%	9.9%	11.6%	8.3%	10.4%	11.0%	10.7%	10.6%	9.9%
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 (NDHqn58, CDC QN70)	5.0%	4.5%	4.9%	4.2%	4.4%	3.8%	5.3%	5.7%	4.4%	4.8%	4.7%
Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days (NDHqn59, CDC QN71)	4.1%	4.5%	4.9%	4.7%	4.9%	4.0%	3.9%	4.9%	3.8%	4.6%	4.4%

North Dakota 2011 High School (Grades 9-12) YRBS Results
(Including breakdowns by region and urban/rural)

Dietary Intake Question	CDC North Dakota 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 (NDHqfrvg, CDC QNFRVG, calculated using NDHq60-NDHq65)	17.4%	18.2%	14.9%	15.4%	21.0%	16.1%	15.0%	18.9%	18.7%	17.8%	15.9%
Percentage of students who ate fruits two or more times per day and ate vegetables three or more times per day during the past seven days (NDHqfrvg2, CDC QNFRVG2, calculated using NDHq60-NDHq65)	8.4%	11.4%	6.7%	7.7%	9.8%	7.2%	6.8%	8.5%	9.7%	8.1%	7.5%
Percentage of students who ate fruits two or more times per day during the past seven days (NDHqfruit, CDC QNFRUIT, calculated using NDHq60-NDHq61)	28.7%	24.7%	26.1%	24.6%	34.4%	27.6%	27.5%	30.4%	28.2%	30.6%	25.8%
Percentage of students who ate vegetables three or more times per day during the past seven days (NDHqnveg, CDC QNVEG, calculated using NDHq62-NDHq65)	10.8%	13.6%	9.5%	10.7%	12.9%	10.4%	9.3%	11.8%	14.7%	10.9%	10.9%
Percentage of students who drank 100% fruit juices one or more times during the past seven days (NDHqn60, CDC QN72)	84.0%	82.1%	82.8%	83.6%	85.8%	83.7%	84.4%	84.0%	80.2%	83.4%	84.1%
Percentage of students who ate fruit one or more times during the past seven days (NDHqn61, CDC QN73)	90.6%	91.0%	89.1%	88.6%	91.9%	91.5%	90.5%	91.8%	90.6%	90.5%	91.1%
Percentage of students who ate green salad one or more times during the past seven days (NDHqn62, CDC QN74)	61.0%	73.4%	61.9%	62.1%	61.0%	65.2%	60.6%	63.8%	70.3%	62.8%	64.2%
Percentage of students who ate potatoes one or more times during the past seven days (NDHqn63, CDC QN75)	76.9%	74.3%	75.0%	79.6%	76.9%	76.7%	78.2%	75.4%	82.1%	73.1%	80.6%
Percentage of students who ate carrots one or more times during the past seven days (NDHqn64, CDC QN76)	52.2%	52.8%	51.2%	52.4%	53.3%	53.7%	49.2%	53.1%	55.8%	52.0%	53.0%
Percentage of students who ate other vegetables one or more times during the past seven days (NDHqn65, CDC QN77)	82.6%	85.5%	82.9%	83.0%	82.7%	84.0%	82.0%	82.8%	84.9%	82.4%	84.0%
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 (NDHqn66, CDC QN78)	26.8%	28.5%	28.6%	26.8%	30.1%	21.5%	28.3%	24.3%	28.8%	24.3%	27.1%
Percentage of students who drank sugar-containing beverages one or more times per day during the past seven days (NDHqn67, CDC QN99)	37.6%	43.0%	38.7%	34.3%	41.5%	32.2%	40.4%	37.5%	41.4%	36.0%	38.0%
Percentage of students who drank three or more glasses per day of milk during the past seven days (NDHqn68, CDC QN100)	23.4%	24.7%	24.8%	22.5%	26.3%	27.2%	26.4%	22.5%	20.2%	22.7%	27.1%

North Dakota 2011 High School (Grades 9-12) YRBS Results
(Including breakdowns by region and urban/rural)

Physical Activity

Physical Activity	CDC North Dakota 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)
Question											
Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days (NDHqnpa0day, CDC QNPA0DAY, calculated using NDHq69)	12.4%	14.1%	10.6%	13.3%	11.5%	13.1%	12.5%	10.6%	10.5%	12.3%	11.5%
Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days (NDHqnpa7day, CDC QNPA7DAY, calculated using NDHq69)	21.8%	19.8%	20.7%	21.6%	21.5%	20.6%	20.3%	24.5%	22.3%	20.5%	22.9%
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 (NDHqn69, CDC QN79)	45.7%	42.4%	47.0%	44.5%	48.4%	49.1%	45.0%	50.7%	50.4%	47.3%	48.8%
Percentage of students who spend more than thirty minutes actually exercising or playing sports during an average physical education (PE) class (NDHqn70, CDC QN101)	44.1%	39.1%	47.6%	39.2%	43.5%	47.6%	37.0%	50.0%	45.9%	48.2%	42.4%
Percentage of students who watched three or more hours per day of TV on an average school day (NDHqn71, CDC QN80)	24.8%	22.5%	26.2%	25.9%	23.6%	23.3%	24.8%	21.8%	23.6%	22.6%	25.1%
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 (NDHqn72, CDC QN81)	25.1%	24.6%	30.0%	22.7%	24.5%	23.1%	25.4%	24.1%	20.6%	24.7%	24.7%
Percentage of students who did exercises to strengthen or tone their muscles, such as push-ups, sit-ups, or weight lifting, on three or more of the past seven days (NDHqn73, CDC QN102)	49.2%	51.4%	50.7%	51.3%	50.1%	53.0%	49.5%	52.2%	51.5%	50.9%	52.1%
Percentage of students who exercised or participated in physical activity for at least 20 minutes that made them sweat and breathe hard, such as basketball, soccer, running, swimming laps, fast bicycling, fast dancing, or similar aerobic activities on three or more of the past seven days (NDHqn74, CDC QN103)	57.9%	60.3%	55.3%	55.2%	60.8%	61.3%	59.6%	59.6%	62.5%	58.7%	59.7%

Other

Academic Performance	CDC North Dakota 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)
Question											
Percentage of students who describe their grades in school as mostly A's or B's during the past 12 months (NDHqn8, CDC QN87)	72.0%	73.7%	76.8%	66.5%	69.1%	76.3%	73.4%	74.6%	80.0%	74.8%	73.6%

North Dakota 2011 High School (Grades 9-12) YRBS Results
(Including breakdowns by region and urban/rural)

Meal Habits	CDC North Dakota 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)
Question											
Percentage of students who ate breakfast on all of the past seven days (NDHqn75, CDC QN104)	38.2%	38.5%	34.3%	31.8%	38.8%	40.1%	35.7%	38.4%	35.9%	38.3%	36.1%
Percentage of students who ate a meal with their family on three or more of the past seven days (NDHqn76, CDC QN105)	72.3%	62.4%	70.3%	72.8%	72.0%	70.8%	73.4%	74.1%	74.8%	69.8%	74.6%

Oral Health	CDC North Dakota 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)
Question											
Percentage of students who last saw a dentist for a check-up, exam, teeth cleaning, or other dental work during the past 12 months (NDHqn77, CDC QN106)	76.1%	74.7%	72.9%	73.6%	75.7%	80.1%	71.7%	74.6%	79.6%	77.6%	73.4%
Percentage of students who have had no more than three cavities in their permanent teeth (NDHqn78, CDC QN107)	79.5%	79.2%	81.7%	77.4%	77.7%	84.7%	78.9%	82.1%	74.7%	82.9%	79.5%
Percentage of students who brushed their teeth on all of the past seven days (NDHqn79, CDC QN108)	71.5%	70.1%	71.7%	76.0%	75.4%	74.0%	73.7%	70.7%	70.5%	74.1%	71.7%

Other Physical & Mental Health Issues	CDC North Dakota 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)
Question											
Percentage of students who can trust to talk to one or more adults if they have a personal problem in their life (NDHqn80, CDC QN109)	85.6%	82.0%	83.3%	87.2%	86.0%	85.6%	85.5%	85.4%	85.4%	84.8%	85.8%
Percentage of students who received help from a resource teacher, speech therapist, or other special education teacher at school during the past 12 months (NDHqn81, CDC QN110)	16.7%	18.2%	15.9%	20.2%	20.3%	15.9%	16.4%	12.5%	12.4%	15.6%	16.0%
Percentage of students who have any long-term health problems (NDHqn82, CDC QN111)	15.6%	15.2%	15.7%	14.1%	16.0%	13.6%	13.3%	14.9%	13.8%	15.6%	13.3%

North Dakota 2011 High School (Grades 9-12) YRBS Results
 (Including breakdowns by region and urban/rural)

Human Service Regions

★ Indicates Regional Office

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

