

North Dakota 2015 Middle School (Grades 7-8) 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 mainly into six categories:

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

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

The YRBS and Youth Tobacco Survey (YTS) are conducted biannually in the spring of odd years. Therefore, this study will be conducted again in the late winter/early spring of 2017, 2019, 2021, 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 January and February 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 middle school students (Grades 7-8) from eligible¹, public middle 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 middle school students and (2) compare changes in results from one survey year to another.**

Contact Information for the Statewide Results

The 2015 Middle School Youth Risk Behavior Survey (YRBS) results are available on the Department of Public Instruction's Safe and Healthy Schools website at: <https://www.nd.gov/dpi/Administrators/SafeHealthy/YRBS/>

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 2014-2015 school year, roughly 15,367 students (Grades 7-8) attended "eligible" North Dakota public middle schools. To be eligible for the 2015 YRBS Middle School Survey, a school building was required to have at least 10 students enrolled in Grades 7-8. The North Dakota YRBS survey was completed by 7,469 middle school students (Grades 7-8) from 93 North Dakota middle schools during the spring of 2015, of which 2,047 were students from schools/classes that were "selected" for the statewide CDC sample and 5,422 were students from schools/classes that "voluntarily" participated in the YRBS. Data from all middle school student surveys are included in the Winkelman Consulting results.

North Dakota 2015 Middle School (Grades 7-8) 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, 7,469 middle school students (Grades 7-8) participated in the 2015 North Dakota Middle School YRBS, of which 5,422 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 middle school students (Grades 7-8) from eligible, public middle 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 middle 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 or MRWinkelman@gmail.com
Office: 701-237-2283
Mobile: 701-799-0877

School Results, Limitations, and Contact Information

Parameters for School Results

Schools that met the requirements² received a similar report that included their 2015 YRBS middle school (Grades 7-8) results. To receive results for an individual question, however, six or more students from their school must have reported the behavior being measured by that question.

Contact Information for School Results

If any schools have any 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 middle school (Grades 7-8) results will be provided **only** to schools that returned at least 25 completed middle school surveys. If a school did not return at least 25 completed middle school surveys, they will not receive middle school results for their school but they can still access the 2015 North Dakota Statewide Middle School YRBS results on the Department of Public Instruction's Safe and Healthy Schools website (<https://www.nd.gov/dpi/Administrators/SafeHealthy/YRBS/>).

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.

North Dakota 2015 Middle School (Grades 7-8) 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) on the following pages, we have provided both a ND [NDMqn# (or NDMqnname)] 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 2015 North Dakota Middle School (Grades 7-8) 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 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.

Prior to 2013, Department of Human Services regions were used for the regional results. Beginning in 2013, however, YRBS stakeholders decided to use Regional Education Association (REA) regions for the regional results. Therefore, the Region/Urban-Rural data is presented for the following categories:

- Regional Education Association (REA) regions (<http://www.ndrea.org/index/REASites.html>)
 - Great Northwest Education Cooperative (GNWEC): Williston Area
 - Mid-Dakota Education Cooperative (MDEC): Minot Area
 - North Central Education Cooperative (NCEC): Bottineau-Rugby Area
 - Northeast Education Services Cooperative (NESC): Devils Lake Area
 - Red River Valley Education Cooperative (RRVEC): Grand Forks Area
 - South East Education Cooperative (SEEC): Fargo-Jamestown Area
 - Missouri River Educational Cooperative (MREC): Bismarck-Mandan Area
 - Roughrider Education Services Program (RESP): Dickinson Area
 - Schools that are not a member of a REA: No defined area
 - **NOTE:** No Non-REA school districts participated in this study. Therefore, no results for Non-REA school districts can be provided.
- Urban-Rural categories
 - Urban Towns: 1,000 or more students in grades K-12 within the community
 - Rural Towns: Less than 1,000 students in grades K-12 within the community

The last page of this report provides a list of Regional Education Associations and their member school districts (as listed on their websites on August 10, 2015). For more information on school district membership for each Regional Education Association (REA) and other resources, please refer to the following websites:

- <http://www.ndrea.org>
- <http://www.ndrea.org/index/reainfo/REAMap1516.jpg>
- <http://www.ndrea.org/index/reainfo/REAcontacts2015.pdf>

CDC Changes to 2015 YRBS Variable Names, Calculations and Descriptive Text

When reviewing the 2015 YRBS results, please note that, in 2015, CDC made many changes to (1) the names (variable labels) it assigned to variables, (2) the manner in which results for a variable were calculated, and/or (3) the text used to describe the context for the results of a question. This will make it difficult for you (if not impossible) to easily make direct apples-to-apples comparisons to your YRBS results from previous years. **Therefore, in roughly four to eight weeks, Winkelman Consulting will send you a second YRBS report that re-analyzes all of your past data using CDC’s 2015 analysis parameters.** This will make it very easy for you to identify the changes in your 2015 YRBS results compared to previous years. If there is anything else we can do to assist you an understanding and analyzing your current and past YRBS results, feel free to contact Winkelman Consulting at any time!

North Dakota 2015 Middle School (Grades 7-8) YRBS Results
(Including breakdowns by region and urban/rural)

Unintentional Injuries and Violence

Injury	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Question												
Percentage of students who never or rarely wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard) (NDMqn7, CDC QN7)	80.5%	86.2%	69.6%	86.2%	84.7%	79.8%	80.4%	77.8%	82.7%		76.2%	86.4%
Percentage of students who never or rarely wore a seat belt (when riding in a car) (NDMqn8, CDC QN8)	5.1%	9.9%	5.0%	10.0%	5.4%	5.6%	3.9%	5.4%	5.8%		4.9%	6.4%
Percentage of students who rode with a driver who had been drinking alcohol (in a car) (NDMqn9, CDC QN9)	25.6%	30.2%	23.3%	36.5%	29.1%	23.4%	24.1%	27.0%	25.5%		22.4%	31.2%

School Violence	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Question												
Percentage of students who ever carried a weapon on school property (such as a gun, knife, or club) (NDMqn10, CDC QN50)	6.9%	11.0%	6.4%	9.3%	6.0%	5.1%	5.4%	4.8%	8.8%		5.4%	7.5%
Percentage of students who were in a physical fight on school property (during the 12 months before the survey) (NDMqn11, CDC QN51)	7.5%	11.0%	9.0%	8.8%	15.0%	7.9%	6.6%	7.0%	10.4%		7.7%	9.3%

Bullying or Harassment	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Question												
Percentage of students who were bullied on school property (NDMqn12, CDC QN13)	47.7%	47.8%	51.5%	60.7%	54.1%	47.1%	45.5%	46.7%	50.0%		44.7%	53.8%
Percentage of students who were electronically bullied (including through e-mail, chat rooms, instant messaging, web sites, or texting) (NDMqn13, CDC QN14)	27.8%	28.4%	31.5%	40.8%	28.1%	28.1%	26.0%	26.8%	29.4%		27.2%	29.6%

North Dakota 2015 Middle School (Grades 7-8) YRBS Results
(Including breakdowns by region and urban/rural)

Injury to Oneself & Suicide	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Question												
Percentage of students who seriously thought about killing themselves (NDMqn14, CDC QN15)	19.8%	24.6%	24.0%	30.4%	22.9%	21.2%	17.1%	20.8%	18.1%		19.3%	22.8%
Percentage of students who made a plan about how they would kill themselves (NDMqn15, CDC QN16)	13.0%	16.7%	17.9%	21.6%	13.6%	14.1%	11.8%	12.8%	13.7%		13.3%	15.1%
Percentage of students who tried to kill themselves (NDMqn16, CDC QN17)	7.2%	9.9%	8.4%	11.2%	10.2%	7.8%	5.8%	7.9%	6.3%		6.5%	9.4%

Tobacco Use

Cigarette	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Question												
Percentage of students who currently frequently smoked cigarettes (on 20 or more days during the 30 days before the survey) (NDMqnfrcig, CDC QNFRICIG, calculated using NDMq19, CDC Q20)	0.6%	1.8%	0.8%	0.0%	2.1%	0.3%	0.5%	0.9%	0.2%		0.6%	0.9%
Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) (NDMqndaycig, CDC QNDAYCIG, calculated using NDMq19, CDC Q20)	0.5%	1.4%	0.7%	0.0%	1.7%	0.3%	0.4%	0.7%	0.2%		0.6%	0.7%
Percentage of students who ever tried cigarette smoking (even one or two puffs) (NDMqn17, CDC QN18)	16.2%	27.5%	14.0%	19.0%	30.6%	12.6%	10.0%	16.4%	17.0%		12.8%	19.9%
Percentage of students who smoked a whole cigarette before age 11 years (for the first time) (NDMqn18, CDC QN19)	2.5%	4.6%	3.0%	3.2%	5.4%	2.6%	1.5%	2.3%	1.9%		2.0%	3.5%
Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) (NDMqn19, CDC QN20)	3.6%	9.3%	3.5%	3.6%	8.8%	2.8%	1.7%	5.4%	4.2%		3.0%	5.8%

North Dakota 2015 Middle School (Grades 7-8) YRBS Results
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Other Tobacco	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.- Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Question												
Percentage of students who currently used cigarettes, cigars, or smokeless tobacco (on at least 1 day during the 30 days before the survey) (NDMqntob3, CDC QNTOB3 [formerly QNANYTOB], calculated using NDMq19, CDC Q20; NDMq20, CDC Q23; & NDMq21, CDC Q24)	5.5%	15.1%	4.4%	5.7%	15.0%	4.1%	3.2%	7.7%	6.3%		4.8%	8.8%
Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) (NDMqntob2, CDC QNTOB2, calculated using NDMq19, CDC Q20 & NDMq21, CDC Q24)	4.0%	10.3%	3.9%	3.7%	10.2%	3.7%	2.6%	6.0%	4.9%		3.9%	6.4%
Percentage of students who did not currently use cigarettes, cigars, or smokeless tobacco (on at least 1 day during the 30 days before the survey) (NDMqntob3, CDC QNNOTOB3, calculated using NDMq19, CDC Q20; NDMq20, CDC Q23; & NDMq21, CDC Q24)	94.6%	85.3%	95.6%	94.3%	85.6%	95.9%	97.0%	92.6%	93.7%		95.4%	91.4%
Percentage of students who did not currently smoke cigarettes or cigars (on at least 1 day during the 30 days before the survey) (NDMqntob2, CDC QNNOTOB2, calculated using NDMq19, CDC Q20 & NDMq21, CDC Q24)	96.0%	90.2%	96.1%	96.3%	90.2%	96.3%	97.5%	94.2%	95.1%		96.3%	93.7%
Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, or dip on at least 1 day during the 30 days) (NDMqn20, CDC QN23)	2.9%	8.9%	1.5%	3.2%	8.7%	1.8%	1.4%	3.4%	2.3%		2.2%	4.5%
Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars on at least 1 day during the 30 days before the survey) (NDMqn21, CDC QN24)	1.5%	3.9%	1.8%	0.4%	5.0%	2.5%	1.7%	2.6%	1.9%		2.1%	2.7%
Percentage of students who ever used electronic vapor products (e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens such as blu, NJOY, or Starbuzz) (NDMqn22, CDC QN25)	15.5%	31.6%	15.0%	18.8%	18.5%	14.7%	12.0%	15.6%	15.8%		15.0%	17.3%

Alcohol and Other Drug Use

Alcohol	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.- Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Question												
Percentage of students who ever drank alcohol (other than a few sips) (NDMqn23, CDC QN27)	21.0%	32.6%	20.8%	32.6%	24.1%	18.9%	15.4%	22.5%	27.6%		17.4%	27.2%
Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips) (NDMqn24, CDC QN28)	6.5%	10.4%	7.8%	5.0%	6.3%	6.1%	4.8%	6.0%	6.9%		5.4%	7.6%
Percentage of students who had at least one drink of alcohol (on one or more days during their life) (NDMqn25, CDC QN52)	24.7%	36.1%	24.5%	35.3%	28.2%	21.4%	19.5%	26.1%	30.3%		21.6%	29.7%
Percentage of students who ever had 5 or more drinks of alcohol in a row (within a couple of hours) (NDMqn26, CDC QN53)	6.4%	14.4%	6.5%	14.1%	9.1%	7.4%	6.2%	8.6%	7.5%		6.5%	10.6%

North Dakota 2015 Middle School (Grades 7-8) YRBS Results
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Question	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Percentage of students who tried marijuana before age 11 years (for the first time) (NDMqn27, CDC QN30)	1.9%	4.8%	1.2%	2.0%	7.7%	1.8%	1.8%	2.2%	1.9%		2.0%	3.2%
Percentage of students who used marijuana (one or more times during their life) (NDMqn28, CDC QN54)	8.3%	17.0%	5.9%	8.8%	23.5%	7.0%	5.6%	10.0%	7.6%		7.2%	11.9%

Question	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Percentage of students who ever used any form of cocaine (such as powder, crack, or freebase during their life) (NDMqn29, CDC QN31)	2.3%	4.8%	2.7%	2.0%	3.1%	2.4%	1.8%	2.1%	1.6%		2.4%	2.4%
Percentage of students who ever took prescription drugs without a doctor's prescription (such as Oxycontin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax, during their life) (NDMqn30, CDC QN34)	4.4%	8.5%	4.1%	3.6%	4.2%	3.4%	3.6%	4.0%	6.3%		4.1%	4.6%
Percentage of students who ever took an over-the-counter drug to get high (NDMqn31, CDC QN55)	1.8%	5.8%	2.1%	1.6%	3.7%	1.8%	1.9%	2.6%	1.9%		2.4%	2.6%

Sexual Behavior and Education

Question	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Percentage of students who ever had sexual intercourse (NDMqn56, CDC QN35)	5.2%	12.2%	4.9%	7.8%	9.5%	5.6%	5.1%	6.0%	6.6%		5.9%	7.1%
Percentage of students who used a condom (during last sexual intercourse among students who ever had sexual intercourse) (NDMqn57, CDC QN38)	75.1%	59.7%	51.3%	64.7%	64.3%	62.3%	63.1%	68.0%	66.7%		62.5%	62.8%
Percentage of students who reported their 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 (NDMqn58, CDC QN74)	36.9%	41.8%	41.7%	40.4%	35.0%	37.3%	36.3%	42.7%	38.0%		40.4%	36.7%

Question	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Percentage of students who have had sex education in school (NDMqn59, CDC QN75)	44.5%	30.6%	40.7%	39.9%	53.2%	52.4%	48.6%	44.9%	52.4%		47.6%	44.0%

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Dietary Behaviors

Weight	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Question												
Percentage of students who described themselves as slightly or very overweight (NDMqn32, CDC QN39)	27.0%	31.7%	25.9%	27.2%	30.6%	25.6%	25.8%	27.0%	24.4%		25.4%	29.0%
Percentage of students who were trying to lose weight (NDMqn33, CDC QN40)	41.7%	52.0%	40.7%	42.0%	48.0%	43.3%	39.9%	42.2%	42.7%		41.3%	44.9%
Percentage of students who ever ate less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight (NDMqn34, CDC QN56)	40.0%	47.0%	41.4%	38.4%	41.4%	39.5%	39.6%	42.3%	41.0%		40.3%	42.4%

Dietary Intake	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Question												
Percentage of students who did not eat fruit (one or more times during the 7 days before the survey) (NDMqn35, CDC QN57)	6.4%	8.8%	7.3%	8.0%	4.8%	5.6%	5.7%	5.3%	7.7%		6.1%	6.4%
Percentage of students who did not eat vegetables (excluding French fries, fried potatoes, or potato chips, one or more times during the 7 days before the survey) (NDMqn36, CDC QN58)	9.6%	10.1%	10.1%	9.3%	10.9%	8.8%	8.8%	9.5%	7.7%		9.1%	9.5%
Percentage of students who drank sugar-containing beverages (one or more times during the 7 days before the survey) (NDMqn37, CDC QN59)	91.4%	91.2%	91.5%	93.6%	91.9%	90.5%	88.8%	91.8%	91.4%		89.0%	93.2%
Percentage of students who drank three or more glasses per day of milk (during the 7 days before the survey) (NDMqn38, CDC QNMILK3 [formerly QN60], calculated using NDMq38, CDC Q60)	24.1%	19.2%	19.6%	24.0%	21.7%	26.6%	27.7%	22.4%	23.4%		24.4%	23.6%
Percentage of students who drank two or more glasses per day of milk (during the 7 days before the survey) (NDMqn38, CDC QNMILK2, calculated using NDMq38, CDC Q60)	43.0%	37.4%	39.7%	46.4%	38.0%	44.9%	48.8%	41.5%	44.8%		43.6%	44.3%
Percentage of students who drank one or more glasses per day of milk (during the 7 days before the survey) (NDMqn38, CDC QNMILK1, calculated using NDMq38, CDC Q60)	58.3%	52.7%	54.6%	59.2%	53.9%	60.6%	62.6%	56.8%	60.8%		59.1%	57.9%
Percentage of students who did not drink milk (one or more glasses during the 7 days before the survey) (NDMqn38, CDC QN60 [formerly QNMILK0])	9.3%	11.3%	11.1%	7.2%	9.6%	8.9%	8.4%	11.3%	8.4%		10.0%	8.9%

North Dakota 2015 Middle School (Grades 7-8) YRBS Results
(Including breakdowns by region and urban/rural)

Meal Habits Question	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Percentage of students who did not eat breakfast (during the 7 days before the survey) (NDMqn39, CDC QN41 [formerly QNNOBKFT])	9.2%	18.8%	9.1%	13.7%	6.1%	6.9%	8.0%	8.5%	9.3%		9.4%	8.7%
Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) (NDMqnbk7day, CDC QNBK7DAY, calculated using NDMq39, CDC Q41)	45.8%	35.4%	46.6%	41.0%	39.6%	50.4%	47.2%	47.9%	40.1%		47.7%	42.2%
Percentage of students who ate a meal with their family on three or more days (during the 7 days before the survey) (NDMqn40, CDC QN61)	82.0%	77.7%	81.8%	80.8%	80.7%	78.9%	80.7%	83.2%	86.8%		80.8%	81.7%
Percentage of students who most of the time or always went hungry because there was not enough food in their home (during the 30 days before the survey) (NDMqn41, CDC QN62)	2.5%	3.9%	2.2%	1.6%	4.4%	3.3%	2.3%	1.9%	2.8%		2.7%	2.6%

Physical Activity

Physical Activity Question	CDC North Dakota Results	Winkelman Consulting Results										
		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
Percentage of students who were physically active at least 60 minutes per day on all 7 days (doing any kind of physical activity that increased their heart rate and made them breathe hard some of the time (during the 7 days before the survey) (NDMqnpa7day, CDC QNPA7DAY, calculated using NDMq42, CDC Q42)	34.6%	31.2%	36.3%	36.1%	37.1%	33.8%	35.4%	31.7%	37.5%		34.8%	34.0%
Percentage of students who were physically active at least 60 minutes per day on 5 or more days (doing any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) (NDMqn42, CDC QN42)	63.3%	54.0%	69.1%	58.6%	62.1%	62.5%	63.4%	62.2%	65.3%		63.0%	62.4%
Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (doing any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) (NDMqnpa0day, CDC QNPA0DAY, calculated using NDMq42, CDC Q42)	4.1%	7.8%	5.0%	4.4%	5.3%	4.7%	4.5%	3.8%	4.4%		4.9%	4.7%
Percentage of students who watched television 3 or more hours per day (on an average school day) (NDMqn43, CDC QN43)	22.9%	27.4%	24.2%	25.0%	28.5%	23.8%	20.0%	22.5%	23.9%		20.8%	26.7%
Percentage of students who played video or computer games or used a computer 3 or more hours per day (for something that was not school work on an average school day) (NDMqn44, CDC QN44)	41.8%	41.1%	45.8%	48.8%	46.8%	41.7%	39.6%	41.8%	43.4%		40.7%	44.5%

North Dakota 2015 Middle School (Grades 7-8) YRBS Results
(Including breakdowns by region and urban/rural)

Other

Academic Performance	CDC North Dakota Results	Winkelman Consulting Results											
		<u>GNWEC</u> Williston Area	<u>MDEC</u> Minot Area	<u>NCEC</u> Bott.-Rugby Area	<u>NESC</u> Devils Lake Area	<u>RRVEC</u> Grand Forks Area	<u>SEEC</u> Fargo-Jamestown Area	<u>MREC</u> Bismarck-Mandan Area	<u>RESP</u> Dickinson Area	Not REA member	<u>Urban Towns</u>	<u>Rural Towns</u>	
Question													
Percentage of students who made mostly A's or B's in school (during the 12 months before the survey) (NDMqn6, CDC QN49)	73.1%	66.6%	76.6%	71.7%	57.9%	79.0%	80.9%	64.9%	69.3%		76.2%	69.0%	

Oral Health	CDC North Dakota Results	Winkelman Consulting Results											
		<u>GNWEC</u> Williston Area	<u>MDEC</u> Minot Area	<u>NCEC</u> Bott.-Rugby Area	<u>NESC</u> Devils Lake Area	<u>RRVEC</u> Grand Forks Area	<u>SEEC</u> Fargo-Jamestown Area	<u>MREC</u> Bismarck-Mandan Area	<u>RESP</u> Dickinson Area	Not REA member	<u>Urban Towns</u>	<u>Rural Towns</u>	
Question													
Percentage of students who saw a dentist for a check-up, exam, teeth cleaning, or other dental work (during the 12 months before the survey) (NDMqn45, CDC QN63)	72.1%	61.8%	73.8%	68.4%	66.7%	70.2%	77.7%	73.3%	67.0%		74.3%	69.3%	
Percentage of students who brushed their teeth on seven days (during the 7 days before the survey) (NDMqn46, CDC QN64)	63.1%	61.3%	60.8%	56.6%	65.3%	61.7%	67.6%	63.4%	61.1%		67.3%	58.1%	
Percentage of students who have had three or less cavities in their permanent teeth (NDMqn47, CDC QN65)	84.1%	84.1%	84.9%	81.1%	86.0%	82.3%	86.2%	83.9%	82.1%		85.3%	83.2%	

Skin Protection	CDC North Dakota Results	Winkelman Consulting Results											
		<u>GNWEC</u> Williston Area	<u>MDEC</u> Minot Area	<u>NCEC</u> Bott.-Rugby Area	<u>NESC</u> Devils Lake Area	<u>RRVEC</u> Grand Forks Area	<u>SEEC</u> Fargo-Jamestown Area	<u>MREC</u> Bismarck-Mandan Area	<u>RESP</u> Dickinson Area	Not REA member	<u>Urban Towns</u>	<u>Rural Towns</u>	
Question													
Percentage of students who most of the time or always wear sunscreen (with an SPF of 15 or higher when they are outside for more than one hour on a sunny day) (NDMqn48, CDC QN66)	18.5%	14.1%	20.1%	14.1%	12.0%	17.6%	18.5%	16.9%	14.3%		18.8%	14.4%	
Percentage of students who had a sunburn (including even a small part of the skin turning red or hurting for 12 hours or more after being outside in the sun or after using a sunlamp or other indoor tanning device one or more times during the 12 months before the survey) (NDMqn49, CDC QN67)	59.1%	53.8%	57.4%	57.8%	48.5%	57.9%	61.0%	61.0%	63.7%		57.8%	60.4%	

North Dakota 2015 Middle School (Grades 7-8) YRBS Results
(Including breakdowns by region and urban/rural)

Other Physical & Mental Health Issues	CDC North Dakota Results	Winkelman Consulting Results										
		<u>GNWEC</u> Williston Area	<u>MDEC</u> Minot Area	<u>NCEC</u> Bott.- Rugby Area	<u>NESC</u> Devils Lake Area	<u>RRVEC</u> Grand Forks Area	<u>SEEC</u> Fargo- Jamestown Area	<u>MREC</u> Bismarck -Mandan Area	<u>RESP</u> Dickinson Area	Not REA member	<u>Urban</u> Towns	<u>Rural</u> Towns
Question												
Percentage of students who received help from a resource teacher, speech therapist, or other special education teacher at school (during the 12 months before the survey) (NDMqn50, CDC QN68)	17.8%	25.1%	18.8%	23.2%	20.6%	17.0%	14.3%	15.4%	17.4%		16.0%	19.1%
Percentage of students who have long-term health problem (NDMqn51, CDC QN69)	13.8%	12.1%	16.2%	14.9%	11.0%	12.9%	13.1%	13.3%	17.4%		13.7%	13.3%
Percentage of students who strongly agree or agree that they can resist peer pressure and dangerous situations (NDMqn52, CDC QN70)	71.7%	66.9%	71.9%	64.1%	65.4%	73.0%	76.3%	73.0%	76.0%		75.4%	68.6%
Percentage of students who would most likely talk with their parent or other adult family member about their feelings (among students who report having felt sad, empty, hopeless, angry, or anxious) (NDMqn53, CDC QN71)	33.3%	26.6%	28.9%	27.0%	25.1%	28.8%	34.0%	34.0%	30.5%		32.3%	29.1%

Involvement	CDC North Dakota Results	Winkelman Consulting Results										
		<u>GNWEC</u> Williston Area	<u>MDEC</u> Minot Area	<u>NCEC</u> Bott.- Rugby Area	<u>NESC</u> Devils Lake Area	<u>RRVEC</u> Grand Forks Area	<u>SEEC</u> Fargo- Jamestown Area	<u>MREC</u> Bismarck -Mandan Area	<u>RESP</u> Dickinson Area	Not REA member	<u>Urban</u> Towns	<u>Rural</u> Towns
Question												
Percentage of students who participate in school activities one or more hours (such as sports, band, drama, or clubs, during an average week when they are in school) (NDMqn54, CDC QN72)	78.9%	71.2%	78.2%	83.9%	76.9%	78.8%	80.9%	79.8%	79.4%		76.9%	82.5%

Military Service by Parent or Guardian	CDC North Dakota Results	Winkelman Consulting Results										
		<u>GNWEC</u> Williston Area	<u>MDEC</u> Minot Area	<u>NCEC</u> Bott.- Rugby Area	<u>NESC</u> Devils Lake Area	<u>RRVEC</u> Grand Forks Area	<u>SEEC</u> Fargo- Jamestown Area	<u>MREC</u> Bismarck -Mandan Area	<u>RESP</u> Dickinson Area	Not REA member	<u>Urban</u> Towns	<u>Rural</u> Towns
Question												
Percentage of students who have a parent or guardian who ever served in the military (including Air Force, Army, Coast Guard, Marines, National Guard, Navy, and Reserves) (NDMqn55, CDC QN73)	36.0%	39.5%	47.4%	37.6%	45.6%	34.9%	30.0%	35.9%	35.0%		35.4%	37.5%

North Dakota 2015 Middle School (Grades 7-8) YRBS Results
(Including breakdowns by region and urban/rural)

Demographics		CDC North Dakota Results	Winkelman Consulting Results										
Question	Response		GNWEC Williston Area	MDEC Minot Area	NCEC Bott.-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area	Not REA member	Urban Towns	Rural Towns
How old are you? (NDHq1, CDC Q1)	12 years old	15.1%	13.1%	17.2%	16.4%	13.7%	19.6%	16.6%	13.7%	15.0%		16.8%	14.6%
	13 years old	48.4%	48.9%	50.8%	43.6%	48.8%	46.7%	48.2%	47.8%	45.8%		49.0%	46.4%
	14 years old	33.0%	31.4%	29.5%	36.0%	33.2%	31.1%	32.9%	35.1%	35.4%		31.6%	34.7%
	15 years old	2.9%	5.7%	2.0%	3.2%	3.5%	1.7%	1.9%	3.0%	3.5%		1.9%	3.8%
What is your sex? (NDHq2, CDC Q2)	Female	48.9%	48.1%	52.6%	53.6%	48.9%	48.8%	51.0%	49.5%	50.1%		51.0%	49.0%
	Male	51.1%	51.9%	47.4%	46.4%	51.1%	51.2%	49.0%	50.5%	49.9%		49.0%	51.0%
In what grade are you? (NDHq3, CDC Q3)	7 th grade	50.0%	52.2%	50.1%	46.2%	54.7%	52.4%	50.4%	47.3%	48.0%		50.7%	49.4%
	8 th grade	49.8%	47.4%	49.7%	53.4%	44.9%	47.2%	49.2%	52.4%	51.7%		48.9%	50.2%
	Ungraded or other grade	0.2%	0.5%	0.2%	0.4%	0.4%	0.4%	0.4%	0.3%	0.2%		0.4%	0.4%
Race/Ethnicity (NDHraceeth, CDC RACEETH calculated using NDHq4, CDC Q4 and NDHq5, CDC Q5)	American Indian or Alaska Native	10.8%	13.5%	3.8%	18.4%	31.3%	4.4%	2.5%	10.2%	3.8%		4.4%	13.2%
	Asian	1.1%	1.2%	1.6%	1.6%	0.4%	2.3%	2.4%	1.1%	1.2%		2.4%	0.6%
	Black or African American	1.7%	3.1%	2.6%	1.2%	0.4%	3.8%	5.1%	1.5%	1.7%		4.5%	1.0%
	Native Hawaiian or other Pacific Islander	0.3%	1.0%	0.7%	0.0%	0.0%	0.1%	0.5%	0.4%	0.0%		0.5%	0.3%
	White	79.4%	61.7%	74.9%	68.0%	52.1%	71.1%	80.3%	76.1%	78.5%		74.5%	72.5%
	Hispanic or Latino	0.5%	2.1%	0.7%	1.2%	0.0%	2.7%	0.5%	0.9%	1.2%		1.0%	1.1%
	Multiple – Hispanic	3.6%	10.5%	9.1%	5.3%	6.4%	9.3%	4.7%	5.4%	8.7%		7.1%	6.3%
Multiple – Non-Hispanic	2.7%	6.9%	6.6%	4.1%	9.4%	6.4%	4.1%	4.4%	5.0%		5.6%	5.2%	

North Dakota 2015 Middle School (Grades 7-8) YRBS Results
(Including breakdowns by region and urban/rural)

Regional Education Association (REA) Member North Dakota School Districts (as of August 10, 2015)
Used for the 2015 YRBS Regional Data

GNWEC Williston Area	MDEC Minot Area	NCEC Bottineau-Rugby Area	NESC Devils Lake Area	RRVEC Grand Forks Area	SEEC Fargo-Jamestown Area	MREC Bismarck-Mandan Area	RESP Dickinson Area
<ul style="list-style-type: none"> • Alexander • Burke Central • Divide County • Eight Mile • Grenora • Johnson Corners Christian Academy • Mandaree • McKenzie County • Nesson • New 8 • New Town • Parshall • Powers Lake • St. Joseph's Catholic (Williston) • Stanley • Tioga • Williston • Yellowstone 	<ul style="list-style-type: none"> • Bowbells • Dakota Memorial • Glenburn • Kenmare • Lewis and Clark • Max • Minot Catholic • Minot • Nedrose • Our Redeemers Christian (Minot) • Sawyer • South Prairie • Surrey • United • Velva 	<ul style="list-style-type: none"> • Anamoose • Belcourt-Turtle Mountain Community • Bottineau • Drake • Dunseith • Dunseith Day • Harvey • Little Flower (Rugby) • MLS • Newburg-United • Ojibwa Indian (Belcourt) • Rugby • St. John • TGU • Westhope 	<ul style="list-style-type: none"> • Dakota Prairie • Devils Lake • Edmore • Four Winds (Ft Totten) • Lakota • Langdon • Leeds • Maddock • Minnewaukan • Mt. Pleasant (Rolla) • Munich • New Rockford-Sheyenne • North Star • Oberon • Rolette • St. Alphonsus (Langdon) • St. Joseph's (Devils Lake) • Starkweather • Tate Topa Tribal (Fort Totten) • Warwick • Wolford 	<ul style="list-style-type: none"> • Cavalier • Central Valley • Drayton • Emerado • Finley-Sharon • Fordville-Lankin • Grafton • Grand Forks • Hatton • Hillsboro • Hope • Larimore • Manvel • May-Port CG • Midway • Minto • North Border • Northwood • Page • Park River • St. Thomas • Thompson • Valley-Edinburg 	<ul style="list-style-type: none"> • Barnes County North • Blessed John Paul II • Carrington • Central Cass • Circle of Nations • Edgeley • Ellendale • Enderlin Area • Fairmount • Fargo • Fessenden-Bowdon • Fort Ransom • Gackle-Streeter • Griggs County Central • Hankinson • Jamestown • Kindred • Kulm • LaMoure • Lidgerwood • Lisbon • Litchville-Marion • Maple Valley • Mapleton • Medina • Midkota • Milnor • North Sargent • Northern Cass • Oak Grove • Oakes • Pingree-Buchanan • Richland • Sargent Central • Valley City • Wahpeton • West Fargo • Wyndmere 	<ul style="list-style-type: none"> • Apple Creek • Ashley • Beulah • Bismarck • Center-Stanton • Elgin-New Leipzig • Flasher • Ft. Yates-Standing Rock • Garrison • Goodrich • Hazelton-Moffit-Braddock • Hazen • Kidder County • Linton • Little Heart • Mandan • Manning • McClusky • Menoken • Napoleon • Naughton • New Salem-Almont • Pleasant Valley • Roosevelt • Selfridge • Solen-Cannonball • Sterling • Strasburg • Sweet Briar • Turtle Lake-Mercer • Underwood • Washburn • White Shield • Wilton • Wing • Wishek • Zeeland 	<ul style="list-style-type: none"> • Beach • Belfield • Billings Co • Bowman Co • Central Elem (Amidon) • Dickinson • Dickinson Catholic • Glen Ullin • Halliday • Hebron • Hettinger • Killdeer • Lone Tree-Golva • Marmarth • Mott-Regent • New England • Richardton-Taylor • Scranton • South Heart