

## 2007 North Dakota Middle School (Grades 7-8) 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
- 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 middle school students (grades 7-8) from eligible<sup>1</sup>, 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.**

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<sup>1</sup> During the 2006-2007 school year, roughly 13,185 students (Grades 7-8) attended "eligible" North Dakota middle schools. To be eligible for the 2007 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 6,745 middle school students (Grades 7-8) from 110 North Dakota middle schools during the spring of 2007, of which 2,091 were students from schools that were "selected" for the statewide CDC sample and 4,654 were students from schools/classes that "voluntarily" participated in the YRBS. Data from all middle school student surveys are included in the Winkelman Consulting regional and urban/rural results.

## 2007 North Dakota Middle School (Grades 7-8) YRBS Summary of the Statewide, Regional, and Urban vs. Rural Results

### Contact Information for the Statewide Results

The 2007 Middle 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.shtml>

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  
Email: [apena@nd.gov](mailto:apena@nd.gov)  
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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 that chose to participate in one year versus another.*

As was noted in the footnote on the previous page, 6,745 middle school students (Grades 7-8) participated in the 2007 North Dakota Middle School YRBS, of which 4,654 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 schools students (grades 7-8) 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 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 school results or desire additional detail, please feel free to contact:

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Winkelman Consulting  
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## 2007 North Dakota Middle School (Grades 7-8) 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 Middle School (Grades 7-8) 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
		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 rode a bicycle, the percentage who never or rarely wore a bicycle helmet (ND QN6, CDC QN6)	85.4%	89.4%	82.7%	92.3%	85.9%	84.5%	91.3%	83.6%	89.6%	80.8%	91.6%
Percentage of students who never or rarely wore a seat belt when riding in a car (ND QN7, CDC QN8)	9.1%	11.8%	9.5%	15.7%	9.9%	7.2%	10.6%	10.2%	10.4%	8.8%	11.1%
Percentage of students who ever rode in a car driven by someone who had been drinking alcohol in the past 30 days (ND QN8, CDC QN9)	34.9%	44.1%	37.2%	43.0%	34.9%	33.5%	39.5%	36.2%	41.0%	31.6%	42.8%

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 have ever carried a weapon such as a gun, knife, or club on school property (ND QN9, CDC QN50)	6.7%	6.8%	10.1%	8.3%	7.2%	7.4%	6.0%	6.6%	10.8%	7.9%	7.4%
Percentage of students who were harassed or bullied on school property by other students during the past 12 months (ND QN10, CDC QN51)	34.3%	27.3%	33.3%	32.1%	36.3%	36.6%	36.2%	35.2%	43.0%	35.7%	34.8%
Percentage of students who were in a physical fight on school property during the past 12 months (ND QN11, CDC QN52)	13.2%	16.8%	14.7%	15.0%	11.8%	14.9%	14.3%	13.8%	17.1%	14.5%	14.5%

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**2007 North Dakota Middle School (Grades 7-8) YRBS  
Summary of the Statewide, Regional, and Urban vs. Rural Results**

Injury to Oneself & Suicide	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 never or rarely get the kind of help they need when they feel sad, empty, hopeless, angry, or anxious (ND QN12, CDC QN53)	35.7%	41.8%	34.8%	35.9%	34.2%	35.5%	38.6%	36.4%	36.8%	34.9%	37.3%
Percentage of students who strongly agree or agree that they can resist negative peer pressure and dangerous situations (ND QN13, CDC QN54)	67.0%	71.9%	65.5%	62.0%	68.3%	72.2%	62.2%	64.3%	59.3%	68.8%	64.1%
Percentage of students who have ever seriously thought about killing themselves (ND QN14, CDC QN13)	17.5%	21.1%	21.7%	15.9%	14.7%	16.0%	17.0%	19.7%	20.3%	19.2%	16.6%
Percentage of students who have ever made a plan about how they would kill themselves (ND QN15, CDC QN14)	10.9%	14.3%	16.7%	9.8%	10.5%	9.5%	9.6%	13.7%	15.1%	12.4%	11.5%
Percentage of students who have ever tried to kill themselves (ND QN16, CDC QN15)	5.9%	5.0%	8.6%	7.0%	6.8%	4.5%	3.8%	8.0%	6.8%	6.6%	6.2%
Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting or burning themselves on purpose during the past 12 months (ND QN17, CDC QN55)	13.0%	14.9%	16.3%	12.0%	11.9%	10.7%	10.4%	14.2%	9.6%	14.2%	10.9%

**Tobacco Use**

Cigarette	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 smoked cigarettes on 20 or more of the past 30 days (CDC QNFRCIG)	2.2%	2.5%	1.7%	6.3%	1.0%	1.3%	1.0%	1.6%	1.2%	2.3%	1.5%
Percentage of students who ever tried cigarette smoking, even one or two puffs (ND QN18, CDC QN16)	23.4%	35.2%	26.9%	39.0%	20.4%	18.7%	19.0%	26.2%	21.6%	23.1%	26.1%
Percentage of students who smoked a whole cigarette for the first time before age 11 years (ND QN19, CDC QN17)	5.3%	7.5%	8.3%	12.7%	5.3%	4.0%	4.5%	6.8%	5.4%	6.8%	6.2%
Percentage of students who smoked cigarettes on one or more of the past 30 days (ND QN20, CDC QN18)	5.7%	8.2%	6.7%	15.9%	4.6%	5.0%	3.7%	8.7%	5.3%	7.7%	6.8%
Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days (ND QN21, CDC QN19)	6.5%	0.0%	3.4%	7.4%	9.5%	9.1%	23.5%	6.6%	0.0%	9.2%	4.7%
Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days (ND QN24, CDC QN21)	4.0%	7.5%	6.4%	14.1%	3.2%	5.6%	5.3%	7.2%	4.1%	7.0%	6.5%

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## 2007 North Dakota Middle School (Grades 7-8) 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 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 QN22, CDC QN20)	1.8%	0.0%	3.3%	8.7%	0.0%	8.9%	5.3%	2.9%	0.0%	6.6%	3.6%
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 QN23, CDC QN56)	1.1%	1.2%	1.1%	3.4%	0.2%	1.0%	1.3%	1.1%	0.8%	1.5%	1.0%

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 used chewing tobacco, snuff, or dip, such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, or Copenhagen, for the first time before age 11 years (ND QN25, CDC QN57)	3.2%	3.1%	3.7%	6.0%	1.7%	1.7%	3.5%	4.3%	6.0%	2.9%	4.0%
Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days (ND QN26, CDC QN58)	2.8%	4.4%	2.4%	9.6%	1.7%	1.9%	3.3%	4.2%	6.4%	2.6%	4.9%
Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days (ND QN27, CDC QN23)	3.3%	4.4%	2.6%	3.4%	2.3%	2.7%	3.5%	3.4%	3.6%	3.3%	2.7%

### 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 have ever had a drink of alcohol, other than a few sips (ND QN28, CDC QN24)	32.7%	46.8%	35.2%	46.2%	30.4%	29.1%	33.8%	37.2%	46.9%	31.7%	39.5%
Percentage of students who had their first drink of alcohol other than a few sips before age 11 years (ND QN29, CDC QN25)	9.9%	17.8%	10.7%	15.5%	10.8%	8.8%	14.7%	12.9%	17.7%	10.7%	13.4%
Percentage of students who have ever had five or more drinks of alcohol in a row, that is, within a couple of hours (ND QN30, CDC QN59)	15.0%	29.5%	16.2%	27.9%	12.1%	12.6%	12.7%	15.4%	17.3%	14.9%	17.2%

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**2007 North Dakota Middle School (Grades 7-8) YRBS  
Summary of the Statewide, Regional, and Urban vs. Rural Results**

Question	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)
Percentage of students who have ever used marijuana (ND QN31, CDC QN26)	7.8%	8.2%	11.8%	16.9%	7.5%	6.0%	3.1%	11.0%	5.6%	8.9%	9.4%
Percentage of students who tried marijuana for the first time before age 11 years (ND QN32, CDC QN27)	1.9%	2.5%	4.1%	6.3%	3.6%	3.1%	1.6%	4.3%	2.0%	3.8%	3.7%

Question	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)
Percentage of students who sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high for the first time before age 11 years (ND QN33, CDC QN29)	9.5%	14.3%	13.0%	14.6%	8.6%	7.3%	8.9%	10.3%	11.6%	10.5%	9.8%
Percentage of students who have ever taken steroid pills or shots without a doctor's prescription (ND QN34, CDC QN60)	1.8%	1.9%	2.3%	1.6%	1.7%	1.3%	1.9%	2.4%	1.6%	2.1%	1.6%
Percentage of students who have ever used methamphetamines – also called speed, crystal, crank or ice (ND QN35, CDC QN61)	1.7%	1.9%	1.8%	2.3%	1.0%	1.5%	1.2%	2.1%	2.4%	2.0%	1.5%

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**2007 North Dakota Middle School (Grades 7-8) YRBS  
Summary of the Statewide, Regional, and Urban vs. Rural Results**

**Dietary Behaviors**

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 described themselves as slightly or very overweight (ND QN36, CDC QN35)	27.2%	28.6%	30.7%	34.6%	23.2%	26.0%	29.5%	26.5%	25.6%	27.1%	28.6%
Percentage of students who were trying to lose weight (ND QN37, CDC QN36)	44.1%	50.9%	48.0%	51.2%	42.8%	40.6%	45.5%	45.5%	45.2%	44.7%	45.2%
Percentage of students who had ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight (ND QN38, CDC QN38)	43.9%	53.8%	45.8%	45.1%	41.9%	42.8%	49.5%	45.0%	45.6%	44.3%	45.4%
Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight (ND QN39, CDC QN40)	4.9%	7.5%	5.4%	4.7%	4.1%	3.9%	4.8%	5.4%	3.2%	4.8%	4.7%
Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight (ND QN40, CDC QN41)	4.1%	6.8%	6.5%	5.0%	4.1%	4.0%	5.6%	4.9%	4.8%	5.0%	4.9%
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 QN41, CDC QN62)	11.2%	11.8%	12.1%	12.2%	12.2%	10.5%	7.5%	11.6%	13.6%	11.6%	10.8%

Dietary Intake	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 drank three or more glasses of milk per day during the past seven days (ND QN42, CDC QN63)	41.3%	43.8%	41.7%	38.2%	44.1%	44.7%	39.5%	40.9%	47.4%	42.1%	42.5%
Percentage of students who ate fruit one or more times during the past seven days (ND QN43, CDC QN64)	92.3%	93.2%	93.3%	90.6%	90.9%	92.1%	92.9%	92.9%	94.8%	92.4%	92.4%
Percentage of students who ate vegetables one or more times during the past seven days (ND QN44, CDC QN65)	91.5%	91.9%	91.5%	91.1%	91.5%	91.9%	90.8%	91.7%	94.0%	91.1%	92.3%
Percentage of students who ate breakfast on seven of the past seven days (ND QN45, CDC QN66)	49.4%	53.4%	47.7%	45.0%	44.4%	49.5%	50.1%	50.1%	50.4%	48.0%	49.6%
Percentage of students who ate at a fast food restaurant one or more times during the past seven days (ND QN46, CDC QN67)	60.3%	52.2%	63.1%	62.2%	57.3%	58.4%	54.2%	63.0%	52.4%	65.3%	53.4%
Percentage of students who ate a meal with their family yesterday (ND QN47, CDC QN68)	68.7%	68.9%	66.2%	72.3%	71.8%	67.0%	69.5%	70.2%	71.7%	67.7%	70.6%

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**2007 North Dakota Middle School (Grades 7-8) YRBS  
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**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
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 were physically active for a total of at least 60 minutes per day on five or more of the past seven days (ND QN48, CDC QN42)	63.1%	66.5%	68.1%	56.2%	60.7%	59.3%	63.5%	62.8%	66.0%	62.0%	61.9%
Percentage of students who watched three or more hours per day of TV on an average school day (ND QN49, CDC QN43)	30.2%	31.7%	30.6%	27.9%	30.6%	29.8%	34.4%	28.2%	27.5%	28.3%	31.3%
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 on an average school day (ND QN50, CDC QN44)	21.8%	18.8%	23.4%	19.8%	21.2%	22.3%	16.6%	25.3%	21.6%	23.2%	21.3%
Among students who spend more than 20 minutes actually exercising or playing sports during an average physical education (PE) class (ND QN51, CDC QN69)	85.1%	85.7%	89.5%	81.5%	86.9%	83.6%	84.5%	81.3%	83.5%	83.3%	84.8%
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 QN52, CDC QN70)	10.9%	10.7%	10.7%	10.8%	9.8%	12.6%	8.0%	11.4%	9.7%	11.9%	10.3%

**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
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 last saw a dentist for a check-up, teeth cleaning, or other dental work during the past 12 months (ND QN53, CDC QN71)	70.3%	62.5%	68.3%	61.9%	65.8%	73.1%	67.1%	68.8%	66.9%	71.1%	65.9%
Percentage of students who have had one or more cavities in their permanent teeth (ND QN54, CDC QN72)	43.2%	44.7%	44.8%	48.6%	46.7%	40.6%	47.9%	44.8%	47.0%	43.5%	45.5%
Percentage of students who brush their teeth two or more times per day (ND QN55, CDC QN73)	65.5%	60.9%	65.7%	72.1%	67.4%	66.5%	61.5%	66.1%	59.8%	67.8%	64.2%

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

**2007 North Dakota Middle School (Grades 7-8) 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 QN56, CDC QN48)	15.1%	18.1%	17.2%	16.2%	14.5%	13.9%	16.7%	18.1%	16.1%	17.2%	14.8%
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 QN57, CDC QN49)	8.5%	9.4%	11.4%	9.2%	7.5%	7.9%	7.0%	10.9%	10.0%	9.6%	9.0%
Percentage of students who currently have an asthma action plan, that is, written instructions from a doctor or nurse on how to care for their asthma (ND QN58, CDC QN74)	7.5%	5.6%	9.3%	9.6%	6.4%	7.1%	7.4%	7.9%	11.6%	8.4%	7.5%
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 QN59, CDC QN75)	19.1%	6.7%	20.2%	22.5%	9.1%	19.1%	11.1%	15.8%	19.5%	19.0%	15.4%

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