

# South- western District Health Unit

## *Bowman County Community Health Profile*

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## Data Sources

The Demographic Section of this report comes from the US Census Bureau ([www.census.gov](http://www.census.gov)). Most tables are derived either from the census estimates for 2015 or from the Community Population Survey aggregated over a several year period. The table header describes the specific years from which the data is derived. The tables present the number of persons and percentages which in almost all circumstances represent the category specific percentage of all persons referenced by the table (e.g., percentage of persons age 15 and older who are married). Age specific poverty rates represent the percentage of each age group in poverty (e.g., percentage of children under five years in poverty).

The **Vital Statistics** section of this report comes from the birth and death records collected by the North Dakota Department of Health Vital Records. This data is aggregated over a five year period. All births and deaths represent the county of residence not the county of occurrence. In order to maintain a person's confidentiality, the number of events is blocked if fewer than six.

The **Adult Behavioral Risk Factor** section of this report is derived from the North Dakota Department of Health's Behavioral Risk Factor Surveillance Survey. The aggregated data (the number of years specified in the table) is continuously collected by telephone survey from persons 18 years and older residing in North Dakota. All data is self-reported data.

Data presented in the **Crime** section of this report is collected from the North Dakota Attorney General website located at: [www.ag.nd.gov/Reports/BCIReports/CrimeHomicide/CrimeHomicide.htm](http://www.ag.nd.gov/Reports/BCIReports/CrimeHomicide/CrimeHomicide.htm).

Data presented in the **Child Health Indicators** section of this report is collected from the Kids Count Data Center website located at: [www.datacenter.kidscount.org](http://www.datacenter.kidscount.org).

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## POPULATION DATA

Table 1

Population by Age Group, 2016 Census Estimates				
Age Group	Bowman County		North Dakota	
	Number	Percent	Number	Percent
0-9	461	14.2%	105,035	13.9%
10-19	401	12.4%	93,820	12.4%
20-29	351	10.8%	127,579	16.8%
30-39	371	11.4%	101,492	13.4%
40-49	322	9.9%	79,632	10.5%
50-59	439	13.5%	95,466	12.6%
60-69	435	13.4%	80,159	10.6%
70-79	248	7.7%	41,996	5.5%
80+	213	6.6%	32,773	4.3%
Total	3,241	100.0%	757,952	100.0%
0-17	789	24.3%	176,311	23.3%
65+	635	19.6%	109,999	14.5%

Table 2



Female Population and Percentage Female by Age, 2016 Census Estimates

Age Group	Bowman County		North Dakota	
	Number	Percent	Number	Percent
0-9	213	13.4%	51,145	13.9%
10-19	195	12.3%	45,349	12.3%
20-29	162	10.2%	58,619	15.9%
30-39	179	11.3%	47,001	12.7%
40-49	139	8.7%	37,992	10.3%
50-59	226	14.2%	46,809	12.7%
60-69	226	14.2%	39,397	10.7%
70-79	121	7.6%	22,236	6.0%
80+	130	8.2%	20,430	5.5%
Total	1,591	100.0%	368,978	100.0%
0-17	367	23.1%	85,921	23.3%
65+	346	21.7%	60,025	16.3%

Table 3

Race, Five Year Estimates (2012-2016)				
Race	Bowman County		North Dakota	
	Number	Percentage	Number	Percentage
Total	3,238	100.0%	736,162	100%
White	3,090	95.4%	649,730	88.3%
Black	4	0.1%	14,761	2.0%
American Indian	41	1.3%	38,369	5.2%
Asian	0	0.0%	9,296	1.3%
Pacific Islander	0	0.0%	336	0.0%
Other	76	2.3%	5,691	0.8%
Multi-race	27	0.8%	17,979	2.4%

## POPULATION DATA

Table 4

Household Populations, 2011 ACS Five Year Estimates				
	Bowman County		North Dakota	
	Number	Percent	Number	Percent
Total	3,125	100.0%	666,783	100.0%
In Family Households	2,529	80.9%	509,097	76.4%
In Non-Family Households	505	16.2%	132,651	19.9%
Total In Households	3,034	97.1%	641,748	96.2%
Institutionalized*	74	2.4%	9,675	1.5%
Non-institutionalized*	17	0.5%	15,360	2.3%
Total in Group Quarters	91	2.9%	25,035	3.8%

\*2011 is the most recent data

Table 5

Population Change 2000-2015				
Census	Bowman County	5 Year Change (%)	North Dakota	5 Year Change (%)
2000	3,242		642,200	
2005	2,965	-8.5%	635,365	-1.1%
2010	3,151	6.3%	672,591	5.9%
2015	3,281	4.1%	754,859	12.2%



Table 6

Marital Status of Persons Age 15 and Older, 2016 ACS Five Year Estimates				
Marital Status	Bowman County		North Dakota	
	Number	Percent	Number	Percent
Total Age 15+	2,585	100.0%	594,068	100.0%
Never Married	514	19.9%	189,508	31.9%
Now Married	1,670	64.6%	308,915	52.0%
Separated	28	1.1%	5,347	0.9%
Widowed	199	7.7%	33,862	5.7%
Divorced	173	6.7%	56,436	9.5%

Table 7

Educational Attainment Among Persons 25+, 2016 ACS Five Year Estimates				
Education	Bowman County		North Dakota	
	Number	Percent	Number	Percent
Total	2,215	100.0%	477,607	100.0%
Less than 9th Grade	92	4.2%	16,846	3.5%
Some High School	135	6.1%	21,188	4.4%
High school or GRE	722	44.6%	131,086	27.4%
Some College/Assoc. Degree	780	35.2%	173,933	36.4%
Bachelor's Degree	361	16.3%	97,890	20.5%
Post Graduate Degree	125	5.6%	36,664	7.7%

## POPULATION DATA

Table 8

Group	Persons with Disability, 2016 ACS Five Year Estimates			
	Bowman County		North Dakota	
	Number	Percent	Number	Percent
Total	3,176	100.0%	720,312	100.0%
Any Disability	334	10.5%	77,651	10.8%
No Disability	2,842	89.5%	642,661	89.2%
Self Care Disability	67	2.3%	11,469	1.7%
0-17 with any disability	6	1.8%	5,618	7.2%
18-64 with any disability	143	42.8%	38,310	49.3%
65+ with any disability	185	55.4%	33,723	43.4%

Table 9

	Income and Poverty Status by Age Group, 2016 ACS Five Year Estimates			
	Bowman County		North Dakota	
	Number	Percent	Number	Percent
Median Household Income		\$62,955		\$59,114
Per Capita Income		\$34,388		\$33,107
Below Poverty Level	242	7.6%	79,314	11.2%
Under 5 Years	25	10.3%	7,618	9.6%
5 to 11 Years	3	1.2%	8,423	10.6%
12 to 17 Years	7	2.9%	5,349	6.7%
18 to 64 Years	113	46.7%	48,969	61.7%
65 to 74 Years	17	7.0%	3,532	4.5%
75 Years and Over	77	31.8%	5,423	6.8%

Table 10

	Family Poverty and Childhood and Elderly Poverty, 2016 ACS Five Year Estimates			
	Bowman County		North Dakota	
	Number	Percent	Number	Percent
Total Families	907	100.0%	183,466	100.00%
Families in Poverty	35	3.9%	12,659	6.90%
Families with Own Children	391	43.1%	84,714	46.17%
Families with Own Children in Poverty	28	3.1%	9,912	5.40%
Families with Own Children and Female Parent Only	26	2.9%	23,485	27.72%
Families with Own Children and Female Parent Only in Poverty	15	1.7%	8,408	4.58%
Total Known Children in Poverty	35	4.4%	21,390	12.1%
Total Known Age 65+ in Poverty	94	14.8%	8,955	8.1%

\* Percent family poverty is percent of total families

Table 11

	Age of Housing, 2016 ACS Five Year Estimates			
	Bowman County		North Dakota	
	Number	Percent	Number	Percent
Housing Units: Total	1,730	100.0%	350,134	100.0%
1980 and Later	570	32.9%	149,657	42.7%
1970 to 1979	315	18.2%	67,069	19.2%
Prior to 1970	845	48.8%	133,408	38.1%

# Vital Statistics Data

## BIRTHS AND DEATHS DEFINITIONS

Formulas for calculating rates and ratios are as follows:

**Birth Rate** = Resident live births divided by the total resident population x 1000.

**Pregnancies** = Live births + Fetal deaths + Induced termination of pregnancy.

**Pregnancy Rate** = Total pregnancies divided by the total resident population x 1000.

**Fertility Rate** = Resident live births divided by female population (age 15-44) x 1000.

**Teenage Birth Rate** = Teenage births (age <20) divided by female teen population x 1000.

**Teenage Pregnancy Rate** = Teenage pregnancies (age <20) divided by female teen population x 1000.

**Out of Wedlock (OOW) Live Birth Ratio** = Resident OOW live births divided by total resident live births x 1000.

**Out of Wedlock Pregnancy Ratio** = Resident OOW pregnancies divided by total pregnancies x 1000.

**Low Weight Ratio** = Low weight births (birth weight < 2500 grams) divided by total resident live births x 1000.

**Infant Death Ratio** = Number of infant deaths divided by the total resident live births x 1000.

**Childhood & Adolescent Deaths** = Deaths to individuals 1 - 19 years of age.

**Childhood and Adolescent Death Rate** = Number of resident deaths (age 1 - 19) divided by population (age 1 - 19) x 100,000.

**Crude Death Rate** = Death events divided by population x 100,000.

**Age-Adjusted Death Rate** = Death events with age specific adjustments x 100,000 population.



# Vital Statistics Data

## BIRTHS AND DEATHS

Table 12

	Bowman County		North Dakota	
	Number	Rate or Ratio	Number	Rate or Ratio
Live Births and Rate	221	14.0	54,644	16.3
Pregnancies and Rate	229	14.5	59,226	17.6
Fertility Rate	102.6		84.6	
Teen Births and Rate	19	44.2	2,715	23.8
Teen Pregnancies and Rate	23	53.5	3,263	28.6
Out of Wedlock Births and Ratio	53	239.8	17,518	320.6
Out of Wedlock Pregnancies and Ratio	58	253.3	21,289	359.5
Low Birth Weight Birth and Ratio	11	49.8	3,448	63.1

Table 13

	Bowman County		North Dakota	
	Number	Rate or Ratio	Number	Rate or Ratio
Infant Deaths and Ratio	NR	4.5	299	5.5
Child and Adolescent Deaths and Rate	NR	29.1	235	28.8
Total Deaths and Crude Rate	208	1,320.2	30,152	896.6

Table 14

	Bowman County		North Dakota	
	Number	Adj. Rate	Number	Adj. Rate
All Causes	209	525.1	30,303	674.8
Heart Disease	55	125.0	6,571	140.3
Cancer	47	112.8	6,215	142.1
Stroke	14	30.1	1,546	31.9
Alzheimer's Disease	13	18.0	2,130	41.2
COPD	10	22.0	1,623	35.2
Unintentional Injury	12	57.2	1,764	45.9
Diabetes Mellitus	NR	0.0	908	20.6
Pneumonia and Influenza	7	14.4	791	16.5
Cirrhosis	NR	21.0	429	11.6
Suicide	NR	5.4	630	18.4
Hypertension	NR	4.5	467	9.5

NR-Not Reportable



# Vital Statistics Data

## BIRTHS AND DEATHS

Table 15

Leading Causes of Death by Age Group for Bowman County, 2012-2016			
Age	1	2	3
0-4	Unintentional Injury*	No Reported Deaths	
5-14	No Reported Deaths		
15-24	Unintentional Injury*	Homicide*	No Reported Deaths
25-34	Unintentional Injury*	No Reported Deaths	
35-44	Heart*	Unintentional Injury*	Cirrhosis*
45-54	Cancer*	Heart*	Unintentional Injury*
55-64	Heart*	Cancer*	Influenza/Pneumonia*
65-74	Cancer 12	Heart 8	COPD*
75-84	Heart 17	Cancer 16	Alzheimer's Disease*
85+	Heart 23	Cancer 12	Alzheimer's Disease 8

\*Numbers less than six are not listed.

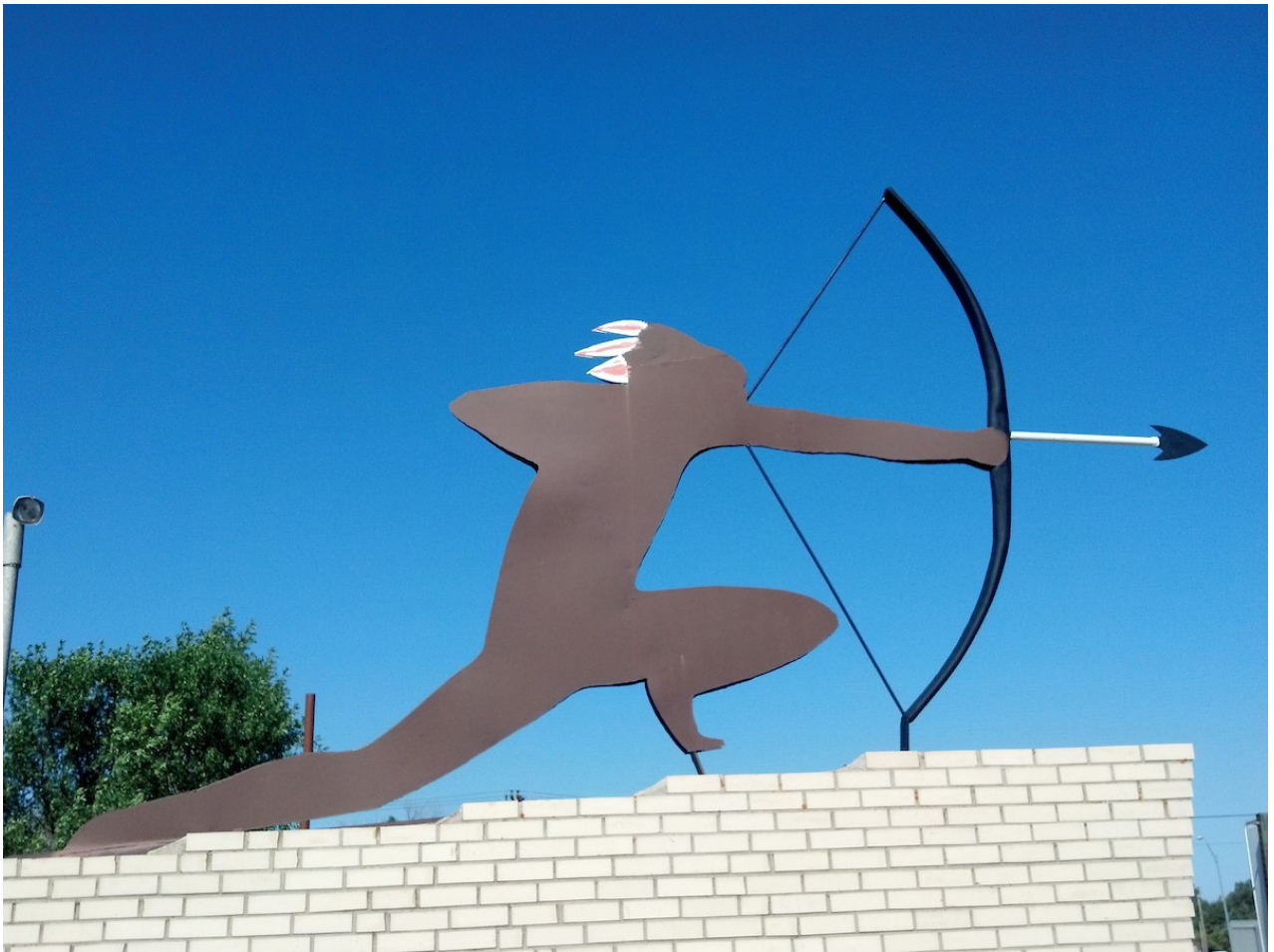
Table 16

Leading Causes of Death by Age Group for North Dakota, 2012-2016			
Age	1	2	3
0-4	Congenital Anomaly 53	Prematurity 50	Sudden Infant Death 45
5-14	Unintentional Injury 21	Suicide 6	Homicide*
15-24	Unintentional Injury 191	Suicide 127	Cancer 16
25-34	Unintentional Injury 211	Suicide 125	Heart 50
35-44	Unintentional Injury 184	Suicide 107	Heart 99
45-54	Cancer 350	Heart 282	Unintentional Injury 210
55-64	Cancer 1,094	Heart 646	Unintentional Injury 192
65-74	Cancer 1,563	Heart 902	COPD 348
75-84	Cancer 1,793	Heart 1,441	COPD 565
85+	Heart 3,141	Alzheimer's Disease 1,566	Cancer 1,261

\*Numbers less than six are not listed.

## ADULT BEHAVIORAL RISK FACTORS DEFINITION

The following three pages represent data received from the Adult Behavioral Risk Factor Surveillance Survey. Numbers given are point estimate percentages followed by 95% confidence intervals. Statistical significance can be determined by comparing confidence intervals between two geographic areas. To be statistically significant, confidence may not overlap. For example the confidence intervals 9.3 (8.3-10.2) and 10.8 (10.0-11.6) overlap (see picture below) so the difference between the two numbers is not statistically significant. That means that substantial uncertainty remains whether the apparent difference is due to chance alone (due to sampling variation) rather than representing a true difference in the prevalence of the condition in the two populations. The less they overlap, the more likely it is that the point estimates represent truly different prevalence's in the two populations.



## ADULT BEHAVIORAL RISK FACTORS, 2011-2015

Table 17

<b>ALCOHOL</b>		<b>Bowman 2011-2015</b>	<b>North Dakota 2011-2015</b>
<b>Binge Drinking</b>	Respondents who reported binge drinking (5 drinks for men, 4 drinks for women) one or more times in the past 30 days.	24.6 (14.6-34.6)	24.1 (23.3-24.9)
<b>Heavy Drinking</b>	Respondents who reported heavy drinking (more than 2 drinks per day for men, more than 1 drink per day for women) during the past 30 days.	2.3 (0.9-3.7)	6.7 (6.3-7.2)
<b>Drunk Driving</b>	Respondents who reported driving when they had too much to drink one or more times during the past 30 days.	6.3 (0.0-15.7)	3.4 (2.8-3.9)
<b>ARTHRITIS</b>			
<b>Activity Limitation Due to Arthritis</b>	Respondents who reported being limited in any usual activities because of arthritis or joint symptoms.	49.5 (29.9-69.2)	47.0 (45.2-48.9)
<b>Doctor Diagnosed Arthritis</b>	Respondents who reported ever have been told by a doctor or other health professional that they had some form of arthritis.	25.5 (18.7-32.4)	24.6 (24.0-25.2)
<b>ASTHMA</b>			
<b>Ever Asthma</b>	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had asthma.	11.9 (5.6-18.3)	11.9 (11.3-12.4)
<b>Current Asthma</b>	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had asthma and who still have asthma.	9.7 (3.5-15.9)	8.4 (7.9-8.9)
<b>BODY WEIGHT</b>			
<b>Overweight, Not Obese</b>	Respondents with a body mass index greater than or equal to 25 but less than 30 (overweight).	41.7 (32.6-50.8)	36.5 (35.7-37.3)
<b>Obese</b>	Respondents with a body mass index greater than or equal to 30 (obese).	23.3 (17.3-29.3)	30.3 (29.6-31.1)
<b>Overweight or Obese</b>	Respondents with a body mass index greater than or equal to 25 (overweight or obese).	65.0 (55.6-74.4)	66.8 (66.0-67.7)
<b>CANCER</b>			
<b>Any Cancer</b>	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had cancer (excluding skin cancer).	5.9 (2.6-9.2)	6.4 (6.1-6.7)
<b>CARDIOVASCULAR</b>			
<b>Heart Attack</b>	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had a heart attack.	3.5 (1.4-5.6)	4.3 (4.0-4.5)
<b>Angina</b>	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had angina.	1.4 (0.5-2.3)	4.0 (3.7-4.2)
<b>Stroke</b>	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had a stroke.	4.7 (1.5-7.8)	2.4 (2.2-2.6)
<b>Cardiovascular Disease</b>	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had any of the following: heart attack, angina or stroke.	8.0 (4.2-21.8)	7.5 (7.2-7.8)

## ADULT BEHAVIORAL RISK FACTORS, 2011-2015

Table 18

<b>CHOLESTEROL</b>		<b>Bowman 2011-2015</b>	<b>North Dakota 2011-2015</b>
<b>Never Cholesterol Test</b>	Respondents who reported never having a cholesterol test.	14.7 (7.5-21.8)	22.8 (21.8-23.8)
<b>No Cholesterol Test in Past 5 Years</b>	Respondents who reported never having a cholesterol test in the past five years.	17.3 (9.8-24.7)	27.2 (26.2-28.3)
<b>High Cholesterol</b>	Respondents who reported that they had ever been told by a doctor, nurse or other health professional that they had high cholesterol.	44.5 (33.3-55.7)	36.1 (35.1-37.1)
<b>CHRONIC LUNG DISEASE</b>			
<b>COPD</b>	Respondents who have ever been told by a doctor, nurse or other health professional ever told you that they have COPD (chronic obstructive pulmonary disease), emphysema, or chronic bronchitis.	2.4 (0.8-4.0)	4.7 (4.4-5.0)
<b>COLORECTAL CANCER</b>			
<b>No Colorectal Cancer Screening within Recommended Timeframe</b>	Respondents age 50 and older who reported not having a fecal occult blood test in the past two years.	38.0 (24.5-51.5)	40.0 (38.3-41.7)
<b>DIABETES</b>			
<b>Diabetes Diagnosis</b>	Respondents who reported ever having been told by a doctor that they had diabetes.	7.6 (4.3-10.8)	8.5 (8.2-8.9)
<b>FRUITS AND VEGETABLES</b>			
<b>Five Fruits and Vegetables</b>	Respondents who reported that they do not usually eat 5 fruits and vegetables per day.	10.4 (4.1-16.6)	13.9 (13.2-14.6)
<b>GENERAL HEALTH</b>			
<b>Fair or Poor Health</b>	Respondents who reported that their general health was fair or poor.	12.8 (7.0-18.6)	14.0 (13.5-14.6)
<b>Poor Physical Health</b>	Respondents who reported they had 8 or more days in the last 30 when their physical health was not good.	7.7 (4.5-10.9)	11.3 (10.8-11.8)
<b>Poor Mental Health</b>	Respondents who reported they had 8 or more days in the last 30 when their mental health was not good.	11.1 (3.2-18.9)	11.4 (10.9-12.0)
<b>Activity Limitation Due to Poor Health</b>	Respondents who reported they had 8 or more days in the last 30 when poor physical or mental health kept them from doing their usual activities.	7.5 (3.6-11.3)	13.6 (12.8-14.4)
<b>Any Activity Limitation</b>	Respondents who reported being limited in any way due to physical, mental or emotional problem.	33.0 (32.5-53.0)	31.3 (30.6-32.1)



## ADULT BEHAVIORAL RISK FACTORS, 2011-2015

Table 19

HEALTH CARE ACCESS		Bowman 2011-2015	North Dakota 2011-2015
<b>Health Insurance</b>	Respondents who reported not having any form or health care coverage.	16.3 (8.5-24.1)	10.8 (10.2-11.3)
<b>Access Limited by Cost</b>	Respondents who reported needing to see a doctor during the past 12 months but could not due to cost.	5.4 (0.0-11.3)	7.8 ( 7.3-8.3)
<b>No Personal Provider</b>	Respondents who reported that they did not have one person they consider to be their personal doctor or health care provider.	18.0 (10.9-25.0)	26.7 (25.9-27.5)
HYPERTENSION			
<b>High Blood Pressure</b>	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had high blood pressure.	42.7 (32.5-53.0)	29.9 (29.0-30.7)
IMMUNIZATION			
<b>Influenza Vaccine</b>	Respondents age 65 and older who reported that they did not have a flu shot in the past year.	47.7 (35.1-60.4)	40.1 (38.9-41.4)
<b>Pneumococcal Vaccine</b>	Respondents age 65 or older who reported never having had a pneumonia shot.	42.9 (29.9-56.0)	28.5 (27.3-29.7)
INJURY			
<b>Falls</b>	Respondents 45 years and older who reported that they had fallen in the past 12 months.	23.4 (13.8-32.9)	27.4 (26.2-28.7)
<b>Seatbelt Use</b>	Respondents who reported not always wearing their seatbelt.	45.6 (36.3-55.0)	61.4 (60.6-62.3)
ORAL HEALTH			
<b>Dental Visit</b>	Respondents who reported that they have not had a dental visit in the past year.	32.1 (19.4-44.9)	33.7 (32.4-35.0)
<b>Tooth Loss</b>	Respondents who reported they ever had a permanent tooth extracted.	10.4 (4.4-16.5)	14.3 (13.6-15.1)
PHYSICAL ACTIVITY			
<b>No Leisure Physical Activity</b>	Respondents who reported that they did not get the recommended amount of physical activity.	27.6 (19.9-35.4)	25.1 (24.4-25.8)
TOBACCO			
<b>Current Smoking</b>	Respondents who reported that they smoked every day or some days.	20.0 (10.6-29.4)	20.6 (19.9-21.4)
WOMEN'S HEALTH			
<b>Pap Smear</b>	Women 18 and older who reported that they have not had a pap smear in the past three years.	34.2 (12.5-55.8)	25.1 (23.1-27.1)
<b>Mammogram Age 40+</b>	Women 40 and older who reported that they have not had a mammogram in the past two years.	11.4 (4.8-17.9)	27.0 (25.4-28.6)

## CRIME

Data presented on the North Dakota Attorney General website changed from previous years. In an effort to continue to provide this data, the variables are defined as follows which differs slightly from the 2010-2013 data:

- Rape: includes statutory rape and forcible rape
- Assault: only includes aggravated assault
- Larceny: all other property crimes

Table 20

<b>Bowman County</b>							
	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>5 Year</b>	<b>5-Year Rate</b>
<b>Murder</b>	N/A	1	0	0	1	2	12.4
<b>Rape</b>	N/A	0	0	2	1	3	18.5
<b>Robbery</b>	N/A	0	0	2	0	2	12.4
<b>Assault</b>	N/A	1	1	2	4	8	49.4
<b>Violent crime</b>	0	2	1	6	6	15	92.6
<b>Burglary</b>	N/A	6	4	3	2	15	92.6
<b>Larceny</b>	N/A	18	5	13	13	49	302.7
<b>Motor vehicle theft</b>	N/A	4	1	2	8	15	92.6
<b>Property crime</b>	0	28	10	18	23	79	488.0
<b>Total</b>	0	30	11	24	29	94	580.6

Table 21

<b>North Dakota</b>							
	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>5 Year</b>	<b>5-Year Rate</b>
<b>Murder</b>	20	14	19	21	17	91	2.5
<b>Rape</b>	243	237	389	428	365	1,662	44.9
<b>Robbery</b>	117	151	166	157	181	772	20.9
<b>Assault</b>	1,071	1,156	1,145	1,185	1,132	5,689	153.7
<b>Violent crime</b>	1,451	1,558	1,719	1,791	1,695	8,214	222.0
<b>Burglary</b>	2,200	2,656	2,490	3,212	3,051	13,609	367.8
<b>Larceny</b>	10,184	10,243	5,214	6,181	6,157	37,979	1,026.4
<b>Motor vehicle theft</b>	1,031	1,228	1,462	1,725	1,887	7,333	198.2
<b>Property crime</b>	13,415	14,127	9,166	11,118	11,095	47,826	1,292.5
<b>Total</b>	14,866	15,685	10,885	12,909	12,790	54,345	1,468.7



## CHILD HEALTH INDICATORS

The following information is no longer available on the website:

- High school dropouts (dropouts per 1000 persons Grades 9-12)
- Children Ages 0-17 Impacted by Domestic Violence (Percentage of all children ages 0-17)
- Offenses Against Person—Juvenile Court Referrals (Percentage of total juvenile court referrals)
- Alcohol-Related Juvenile Court Referrals (Percentage of juvenile court referrals)

Table 22

Child Indicators: Education 2016	Bowman County		North Dakota	
Children ages 3 to 21 enrolled in special education in public schools	68	11.3%	14,426	13.2%
Four-year high school cohort graduates	87.2%		88.7%	
Average expenditure per student in public school	\$13,451		\$11,418	

Table 23

Child Indicators: Economic Health 2016	Bowman County		North Dakota	
TANF recipients ages 0-19	0	0.0%	4,649	2.3%
SNAP recipients ages 0-18	107	12.9%	37,758	20.3%
Eligible recipients of free or reduced price lunch	117	19.8%	37,928	32.6%
Medicaid recipients ages 0-20	174	19.4%	59,156	28.0%
Median income for families with children ages 0-17	\$100,347		\$75,818	
Children ages 0 to 17 living in low-income families (<200% of poverty)	53	6.8%	50,147	30.5%

Table 24

Child Indicators: Families and Child Care 2016	Bowman County		North Dakota	
Women in labor force, by age of children (ages 0-17)	308	87.5%	59,532	79.4%
Children ages 0-17 living in a single parent family	114	14.6%	39,192	23.4%
Children in foster care	20	2.3%	2,397	1.3%
Victims of child abuse and neglect - services required (Percent of suspected victims)	22	40.0%	1,805	27.2%
Births to mothers receiving prenatal care beginning after first trimester or not at all	6	14.6%	1,612	14.2%

Table 25

Child Indicators: Juvenile Justice 2016	Bowman County		North Dakota	
Children ages 10-17 referred to juvenile court	8	2.3%	3,471	4.9%

\*LNE-Low Number Events