

# Custer Health

## Morton 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                                      | Morton County |               | North Dakota   |               |
|  | Number        | Percent       | Number         | Percent       |
| 0-9  | 4,244         | 13.8%         | 105,035        | 13.9%         |
| 10-19  | 3,539         | 11.5%         | 93,820         | 12.4%         |
| 20-29  | 4,261         | 13.8%         | 127,579        | 16.8%         |
| 30-39  | 4,307         | 14.0%         | 101,492        | 13.4%         |
| 40-49  | 3,508         | 11.4%         | 79,632         | 10.5%         |
| 50-59  | 4,197         | 13.6%         | 95,466         | 12.6%         |
| 60-69  | 3,557         | 11.5%         | 80,159         | 10.6%         |
| 70-79  | 1,869         | 6.1%          | 41,996         | 5.5%          |
| 80+  | 1,327         | 4.3%          | 32,773         | 4.3%          |
| <b>Total</b>                                   | <b>30,809</b> | <b>100.0%</b> | <b>757,952</b> | <b>100.0%</b> |
| 0-17   | 7,150         | 23.2%         | 176,311        | 23.3%         |
| 65+  | 4,801         | 15.6%         | 109,999        | 14.5%         |

Table 2

| Female Population and Percentage Female by Age, 2016 Census Estimates |               |               |                |               |
|---|---------------|---------------|----------------|---------------|
| Age Group   | Morton County |               | North Dakota   |               |
|   | Number        | Percent       | Number         | Percent       |
| 0-9   | 2,062         | 13.5%         | 51,145         | 13.9%         |
| 10-19   | 1,757         | 11.5%         | 45,349         | 12.3%         |
| 20-29   | 2,069         | 13.6%         | 58,619         | 15.9%         |
| 30-39   | 2,006         | 13.1%         | 47,001         | 12.7%         |
| 40-49   | 1,728         | 11.3%         | 37,992         | 10.3%         |
| 50-59   | 2,057         | 13.5%         | 46,809         | 12.7%         |
| 60-69   | 1,777         | 11.6%         | 39,397         | 10.7%         |
| 70-79   | 957           | 6.3%          | 22,236         | 6.0%          |
| 80+   | 856           | 5.6%          | 20,430         | 5.5%          |
| <b>Total</b>  | <b>15,269</b> | <b>100.0%</b> | <b>368,978</b> | <b>100.0%</b> |
| 0-17  | 3,508         | 23.0%         | 85,921         | 23.3%         |
| 65+   | 2,615         | 17.1%         | 60,025         | 16.3%         |



Table 3

| Race, Five Year Estimates (2012-2016) |               |               |                |             |
|---------------------------------------|---------------|---------------|----------------|-------------|
| Race                                  | Morton County |               | North Dakota   |             |
|                                       | Number        | Percentage    | Number         | Percentage  |
| <b>Total</b>                          | <b>29,633</b> | <b>100.0%</b> | <b>736,162</b> | <b>100%</b> |
| White                                 | 27,565        | 93.0%         | 649,730        | 88.3%       |
| Black                                 | 200           | 0.7%          | 14,761         | 2.0%        |
| American Indian                       | 1,020         | 3.4%          | 38,369         | 5.2%        |
| Asian                                 | 37            | 0.1%          | 9,296          | 1.3%        |
| Pacific Islander                      | 0             | 0.0%          | 336            | 0.0%        |
| Other                                 | 141           | 0.5%          | 5,691          | 0.8%        |
| Multi-race                            | 670           | 2.3%          | 17,979         | 2.4%        |

## POPULATION DATA

Table 4

|                          | Morton County |         | North Dakota |         |
|--------------------------|---------------|---------|--------------|---------|
|                          | Number        | Percent | Number       | Percent |
| Total                    | 27,076        | 100.0%  | 666,783      | 100.0%  |
| In Family Households     | 22,421        | 82.8%   | 509,097      | 76.4%   |
| In Non-Family Households | 4,150         | 15.3%   | 132,651      | 19.9%   |
| Total In Households      | 26,571        | 98.1%   | 641,748      | 96.2%   |
| Institutionalized*       | 462           | 1.7%    | 9,675        | 1.5%    |
| Non-institutionalized*   | 43            | 0.2%    | 15,360       | 2.3%    |
| Total in Group Quarters  | 505           | 1.9%    | 25,035       | 3.8%    |

\*2011 is the most recent data

Table 5

| Census | Morton County | 5 Year Change (%) | North Dakota | 5 Year Change (%) |
|--------|---------------|-------------------|--------------|-------------------|
| 2000   | 25,303        |                   | 642,200      |                   |
| 2005   | 25,245        | -0.2%             | 635,365      | -1.1%             |
| 2010   | 27,471        | 8.8%              | 672,591      | 5.9%              |
| 2015   | 30,368        | 10.5%             | 754,859      | 12.2%             |



Table 6

| Marital Status | Morton County |         | North Dakota |         |
|----------------|---------------|---------|--------------|---------|
|                | Number        | Percent | Number       | Percent |
| Total Age 15+  | 24,140        | 100.0%  | 594,068      | 100.0%  |
| Never Married  | 5,794         | 24.0%   | 189,508      | 31.9%   |
| Now Married    | 14,315        | 59.3%   | 308,915      | 52.0%   |
| Separated      | 121           | 0.5%    | 5,347        | 0.9%    |
| Widowed        | 1,497         | 6.2%    | 33,862       | 5.7%    |
| Divorced       | 2,438         | 10.1%   | 56,436       | 9.5%    |

Table 7

| Education                  | Morton County |         | North Dakota |         |
|----------------------------|---------------|---------|--------------|---------|
|                            | Number        | Percent | Number       | Percent |
| Total                      | 20,665        | 100.0%  | 477,607      | 100.0%  |
| Less than 9th Grade        | 871           | 4.2%    | 16,846       | 3.5%    |
| Some High School           | 770           | 3.7%    | 21,188       | 4.4%    |
| High school or GRE         | 6,446         | 26.6%   | 131,086      | 27.4%   |
| Some College/Assoc. Degree | 7,350         | 35.6%   | 173,933      | 36.4%   |
| Bachelor's Degree          | 3,868         | 18.7%   | 97,890       | 20.5%   |
| Post Graduate Degree       | 1,360         | 6.6%    | 36,664       | 7.7%    |

## POPULATION DATA

Table 8

| Persons with Disability, 2016 ACS Five Year Estimates |               |         |              |         |
|---|---------------|---------|--------------|---------|
| Group   | Morton County |         | North Dakota |         |
|   | Number        | Percent | Number       | Percent |
| Total   | 29,084        | 100.0%  | 720,312      | 100.0%  |
| Any Disability  | 2,791         | 9.6%    | 77,651       | 10.8%   |
| No Disability   | 26,293        | 90.4%   | 642,661      | 89.2%   |
|   |               |         |              |         |
| Self Care Disability                                  | 331           | 1.2%    | 11,469       | 1.7%    |
|   |               |         |              |         |
| 0-17 with any disability                              | 265           | 9.5%    | 5,618        | 7.2%    |
| 18-64 with any disability                             | 1,250         | 44.8%   | 38,310       | 49.3%   |
| 65+ with any disability                               | 1,276         | 45.7%   | 33,723       | 43.4%   |

Table 9

| Income and Poverty Status by Age Group, 2016 ACS Five Year Estimates |               |          |              |          |
|--|---------------|----------|--------------|----------|
|  | Morton County |          | North Dakota |          |
|  | Number        | Percent  | Number       | Percent  |
| Median Household Income  |               | \$63,549 |              | \$59,114 |
| Per Capita Income  |               | \$34,715 |              | \$33,107 |
|  |               |          |              |          |
|  | Number        | Percent  | Number       | Percent  |
| Below Poverty Level  | 2,521         | 8.7%     | 79,314       | 11.2%    |
| Under 5 Years  | 81            | 3.2%     | 7,618        | 9.6%     |
| 5 to 11 Years  | 199           | 7.9%     | 8,423        | 10.6%    |
| 12 to 17 Years   | 251           | 10.0%    | 5,349        | 6.7%     |
| 18 to 64 Years   | 1,455         | 57.7%    | 48,969       | 61.7%    |
| 65 to 74 Years   | 274           | 10.9%    | 3,532        | 4.5%     |
| 75 Years and Over  | 261           | 10.4%    | 5,423        | 6.8%     |

Table 10

| Family Poverty and Childhood and Elderly Poverty, 2016 ACS Five Year Estimates |               |         |              |         |
|--|---------------|---------|--------------|---------|
|  | Morton County |         | North Dakota |         |
|  | Number        | Percent | Number       | Percent |
| Total Families   | 8,011         | 100.0%  | 183,466      | 100.00% |
| Families in Poverty  | 409           | 5.1%    | 12,659       | 6.90%   |
|  |               |         |              |         |
| Families with Own Children   | 3,499         | 43.7%   | 84,714       | 46.17%  |
| Families with Own Children in Poverty  | 248           | 3.1%    | 9,912        | 5.40%   |
|  |               |         |              |         |
| Families with Own Children and Female Parent Only                              | 506           | 6.3%    | 23,485       | 27.72%  |
| Families with Own Children and Female Parent Only in Poverty                   | 214           | 2.7%    | 8,408        | 4.58%   |
| Total Known Children in Poverty  | 531           | 7.4%    | 21,390       | 12.1%   |
| Total Known Age 65+ in Poverty   | 535           | 11.1%   | 8,955        | 8.1%    |

\* Percent family poverty is percent of total families

Table 11

| Age of Housing, 2016 ACS Five Year Estimates |               |         |              |         |
|--|---------------|---------|--------------|---------|
|  | Morton County |         | North Dakota |         |
|  | Number        | Percent | Number       | Percent |
| Housing Units: Total                         | 13,733        | 100.0%  | 350,134      | 100.0%  |
| 1980 and Later                               | 5,612         | 40.9%   | 149,657      | 42.7%   |
| 1970 to 1979                                 | 3,075         | 22.4%   | 67,069       | 19.2%   |
| Prior to 1970                                | 5,046         | 36.7%   | 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

|                                      | Morton County |               | North Dakota |               |
|--------------------------------------|---------------|---------------|--------------|---------------|
|                                      | Number        | Rate or Ratio | Number       | Rate or Ratio |
| Live Births and Rate                 | 2,332         | 17.0          | 54,644       | 16.3          |
| Pregnancies and Rate                 | 2,494         | 18.2          | 59,226       | 17.6          |
| Fertility Rate                       |               | 92.8          |              | 84.6          |
| Teen Births and Rate                 | 135           | 33.3          | 2,715        | 23.8          |
| Teen Pregnancies and Rate            | 132           | 32.6          | 3,263        | 28.6          |
| Out of Wedlock Births and Ratio      | 757           | 324.6         | 17,518       | 320.6         |
| Out of Wedlock Pregnancies and Ratio | 896           | 359.3         | 21,289       | 359.5         |
| Low Birth Weight Birth and Ratio     | 148           | 63.5          | 3,448        | 63.1          |

Table 13

|                                      | Morton County |               | North Dakota |               |
|--------------------------------------|---------------|---------------|--------------|---------------|
|                                      | Number        | Rate or Ratio | Number       | Rate or Ratio |
| Infant Deaths and Ratio              | 12            | 5.2           | 299          | 5.5           |
| Child and Adolescent Deaths and Rate | NR            | 14.7          | 235          | 28.8          |
| Total Deaths and Crude Rate          | 1,337         | 973.4         | 30,152       | 896.6         |

Table 14

|                         | Morton County |           | North Dakota |           |
|-------------------------|---------------|-----------|--------------|-----------|
|                         | Number        | Adj. Rate | Number       | Adj. Rate |
| All Causes              | 1,341         | 592.8     | 30,303       | 674.8     |
| Heart Disease           | 241           | 101.8     | 6,571        | 140.3     |
| Cancer                  | 286           | 121.3     | 6,215        | 142.1     |
| Stroke                  | 56            | 17.5      | 1,546        | 31.9      |
| Alzheimer's Disease     | 118           | 48.5      | 2,130        | 41.2      |
| COPD                    | 63            | 22.7      | 1,623        | 35.2      |
| Unintentional Injury    | 72            | 44.7      | 1,764        | 45.9      |
| Diabetes Mellitus       | 41            | 18.1      | 908          | 20.6      |
| Pneumonia and Influenza | 34            | 14.6      | 791          | 16.5      |
| Cirrhosis               | 22            | 13.3      | 429          | 11.6      |
| Suicide                 | 27            | 19.2      | 630          | 18.4      |
| Hypertension            | 24            | 11.9      | 467          | 9.5       |

NR-Not Reportable



# Vital Statistics Data

## BIRTHS AND DEATHS

Table 15

| Leading Causes of Death by Age Group for Morton County, 2012-2016 |                            |                           |                               |
|---|----------------------------|---------------------------|-------------------------------|
| Age   | 1                          | 2                         | 3                             |
| 0-4   | Prematurity*               | Unintentional Injury*     | Congenital Anomaly*           |
| 5-14  | Cerebral Palsy*            | No Reported Deaths        |                               |
| 15-24   | Unintentional Injury<br>10 | Suicide*                  | No Reported Deaths            |
| 25-34   | Suicide<br>10              | Unintentional Injury<br>8 | Cancer*                       |
| 35-44   | Unintentional Injury<br>9  | Heart<br>6                | Cirrhosis*                    |
| 45-54   | Cancer<br>21               | Unintentional Injury<br>8 | Cirrhosis*                    |
| 55-64   | Cancer<br>43               | Heart<br>16               | Atherosclerosis<br>9          |
| 65-74   | Cancer<br>87               | Heart<br>34               | COPD<br>10                    |
| 75-84   | Cancer<br>84               | Heart<br>59               | Cerebrovascular Disease<br>24 |
| 85+   | Heart<br>119               | Alzheimer's Disease<br>86 | Cancer<br>48                  |

\*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<br>53    | Prematurity<br>50            | Sudden Infant Death<br>45   |
| 5-14   | Unintentional Injury<br>21  | Suicide<br>6                 | Homicide*                   |
| 15-24  | Unintentional Injury<br>191 | Suicide<br>127               | Cancer<br>16                |
| 25-34  | Unintentional Injury<br>211 | Suicide<br>125               | Heart<br>50                 |
| 35-44  | Unintentional Injury<br>184 | Suicide<br>107               | Heart<br>99                 |
| 45-54  | Cancer<br>350               | Heart<br>282                 | Unintentional Injury<br>210 |
| 55-64  | Cancer<br>1,094             | Heart<br>646                 | Unintentional Injury<br>192 |
| 65-74  | Cancer<br>1,563             | Heart<br>902                 | COPD<br>348                 |
| 75-84  | Cancer<br>1,793             | Heart<br>1,441               | COPD<br>565                 |
| 85+  | Heart<br>3,141              | Alzheimer's Disease<br>1,566 | Cancer<br>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>Morton<br/>2011-2015</b> | <b>North Dakota<br/>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.   | 22.0<br>(18.5-25.4)         | 24.1<br>(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.                              | 6.9<br>(4.8-8.9)            | 6.7<br>(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.   | 2.2<br>(0.2-4.2)            | 3.4<br>(2.8-3.9)                  |
| <b>ARTHRITIS</b>                            |   |                             |                                   |
| <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.   | 26.8<br>(23.7-29.9)         | 24.6<br>(24.0-25.2)               |
| <b>Activity Limitation Due to Arthritis</b> | Respondents who reported being limited in any usual activities because of arthritis or joint symptoms.  | 40.4<br>(32.0-48.8)         | 47.0<br>(45.2-48.9)               |
| <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.  | 11.6<br>(9.0-14.3)          | 11.9<br>(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.                          | 8.7<br>(6.4-10.9)           | 8.4<br>(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).   | 36.7<br>(32.9-40.5)         | 36.5<br>(35.7-37.3)               |
| <b>Obese</b>                                | Respondents with a body mass index greater than or equal to 30 (obese).   | 30.2<br>(26.7-33.7)         | 30.3<br>(29.6-31.1)               |
| <b>Overweight or Obese</b>                  | Respondents with a body mass index greater than or equal to 25 (overweight or obese).   | 66.9<br>(63.0-70.8)         | 66.8<br>(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).                            | 7.6<br>(6.0-9.2)            | 6.4<br>(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.                                       | 4.5<br>(3.1-5.8)            | 4.3<br>(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.   | 4.7<br>(3.4-6.0)            | 4.0<br>(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.   | 3.0<br>(1.9-4.2)            | 2.4<br>(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. | 8.9<br>(7.0-10.8)           | 7.5<br>(7.2-7.8)                  |

## ADULT BEHAVIORAL RISK FACTORS, 2011-2015

Table 18

| <b>CHOLESTEROL</b>   |  | <b>Morton<br/>2011-2015</b> | <b>North Dakota<br/>2011-2015</b> |
|--|--|-----------------------------|-----------------------------------|
| <b>Never Cholesterol Test</b>                                      | Respondents who reported never having a cholesterol test.  | 19.3<br>(14.7-24.0)         | 22.8<br>(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.   | 23.8<br>(19.0-28.6)         | 27.2<br>(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.  | 37.1<br>(32.3-41.9)         | 36.1<br>(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. | 6.7<br>(4.7-8.8)            | 4.7<br>(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.  | 42.1<br>(34.4-49.7)         | 40.0<br>(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.   | 7.0<br>(5.4-8.7)            | 8.5<br>(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.   | 15.0<br>(11.4-18.5)         | 13.9<br>(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.   | 14.9<br>(12.2-17.6)         | 14.0<br>(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.   | 11.5<br>(9.2-13.8)          | 11.3<br>(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.   | 11.7<br>(9.1-14.4)          | 11.4<br>(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.   | 15.5<br>(11.4-19.5)         | 13.6<br>(12.8-14.4)               |
| <b>Any Activity Limitation</b>                                     | Respondents who reported being limited in any way due to physical, mental or emotional problem.  | 32.7<br>(29.1-36.4)         | 31.3<br>(30.6-32.1)               |





## ADULT BEHAVIORAL RISK FACTORS, 2011-2015

Table 19

| HEALTH CARE ACCESS                  |   | Morton<br>2011-2015 | North Dakota<br>2011-2015 |
|-------------------------------------|---|---------------------|---------------------------|
| <b>Health Insurance</b>             | Respondents who reported not having any form or health care coverage.   | 11.9<br>(8.9-14.8)  | 10.8<br>(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.                             | 7.6<br>(5.3-9.9)    | 7.8<br>(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.     | 22.1<br>(18.6-25.6) | 26.7<br>(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. | 33.5<br>(29.1-37.8) | 29.9<br>(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.                                     | 40.7<br>(34.6-46.8) | 40.1<br>(38.9-41.4)       |
| <b>Pneumococcal Vaccine</b>         | Respondents age 65 or older who reported never having had a pneumonia shot.   | 31.7<br>(25.6-37.8) | 28.5<br>(27.3-29.7)       |
| INJURY                              |   |                     |                           |
| <b>Falls</b>                        | Respondents 45 years and older who reported that they had fallen in the past 12 months.   | 32.8<br>(26.9-38.7) | 27.4<br>(26.2-28.7)       |
| <b>Seatbelt Use</b>                 | Respondents who reported not always wearing their seatbelt.   | 57.0<br>(53.0-61.1) | 61.4<br>(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.  | 35.8<br>(29.8-41.9) | 33.7<br>(32.4-35.0)       |
| <b>Tooth Loss</b>                   | Respondents who reported they ever had a permanent tooth extracted.   | 15.2<br>(11.5-18.9) | 14.3<br>(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.                                       | 26.6<br>(23.1-30.0) | 25.1<br>(24.4-25.8)       |
| TOBACCO                             |   |                     |                           |
| <b>Current Smoking</b>              | Respondents who reported that they smoked every day or some days.   | 25.5<br>(21.7-29.3) | 20.6<br>(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.                                       | 21.6<br>(13.1-30.2) | 25.1<br>(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.   | 21.3<br>(14.6-27.9) | 27.0<br>(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 crimes against property

Table 20

| <b>Morton 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>              | 2           | 0           | 2           | 0           | 1           | 5             | 3.3                |
| <b>Rape</b>                | 13          | 14          | 26          | 32          | 16          | 101           | 67.6               |
| <b>Robbery</b>             | 5           | 5           | 4           | 6           | 5           | 25            | 16.7               |
| <b>Assault</b>             | 40          | 42          | 45          | 46          | 41          | 214           | 143.3              |
| <b>Violent crime</b>       | 60          | 61          | 77          | 84          | 63          | 345           | 231.1              |
|                            |             |             |             |             |             |               |                    |
| <b>Burglary</b>            | 66          | 79          | 67          | 88          | 143         | 443           | 296.7              |
| <b>Larceny</b>             | 489         | 565         | 325         | 541         | 528         | 2,448         | 1,639.7            |
| <b>Motor vehicle theft</b> | 50          | 56          | 53          | 101         | 120         | 380           | 254.5              |
| <b>Property crime</b>      | 605         | 700         | 445         | 730         | 791         | 3,271         | 2,190.9            |
|                            |             |             |             |             |             |               |                    |
| <b>Total</b>               | 665         | 761         | 522         | 814         | 854         | 3,616         | 2,422.0            |

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                                      | Morton County |       | North Dakota |       |
|---|---------------|-------|--------------|-------|
|   |               |       |              |       |
| Children ages 3 to 21 enrolled in special education in public schools | 597           | 12.9% | 14,426       | 13.2% |
| Four-year high school cohort graduates                                | 81.6%         |       | 88.7%        |       |
| Average expenditure per student in public school                      | \$10,958      |       | \$11,418     |       |

Table 23

| Child Indicators: Economic Health 2016                                 | Morton County |       | North Dakota |       |
|--|---------------|-------|--------------|-------|
|  |               |       |              |       |
| TANF recipients ages 0-19  | 124           | 1.6%  | 4,649        | 2.3%  |
| SNAP recipients ages 0-18  | 1,313         | 17.9% | 37,758       | 20.3% |
| Eligible recipients of free or reduced price lunch                     | 1,439         | 30.3% | 37,928       | 32.6% |
| Medicaid recipients ages 0-20  | 2,313         | 29.2% | 59,156       | 28.0% |
| Median income for families with children ages 0-17                     | \$90,278      |       | \$75,818     |       |
| Children ages 0 to 17 living in low-income families (<200% of poverty) | 1,247         | 19.2% | 50,147       | 30.5% |

Table 24

| Child Indicators: Families and Child Care 2016  | Morton County |       | North Dakota |       |
|---|---------------|-------|--------------|-------|
|   |               |       |              |       |
| Women in labor force, by age of children (ages 0-17)                                    | 2,757         | 87.2% | 59,532       | 79.4% |
| Children ages 0-17 living in a single parent family                                     | 1,218         | 18.5% | 39,192       | 23.4% |
| Children in foster care   | 17            | 0.2%  | 2,397        | 1.3%  |
| Victims of child abuse and neglect - services required (Percent of suspected victims)   | 102           | 21.6% | 1,805        | 27.2% |
| Births to mothers receiving prenatal care beginning after first trimester or not at all | 53            | 10.3% | 1,612        | 14.2% |

Table 25

| Child Indicators: Juvenile Justice 2016        | Morton County |      | North Dakota |      |
|--|---------------|------|--------------|------|
|  |               |      |              |      |
| Children ages 10-17 referred to juvenile court | 176           | 6.1% | 3,471        | 4.9% |

\*LNE-Low Number Events