

Cass County Community Health Profile

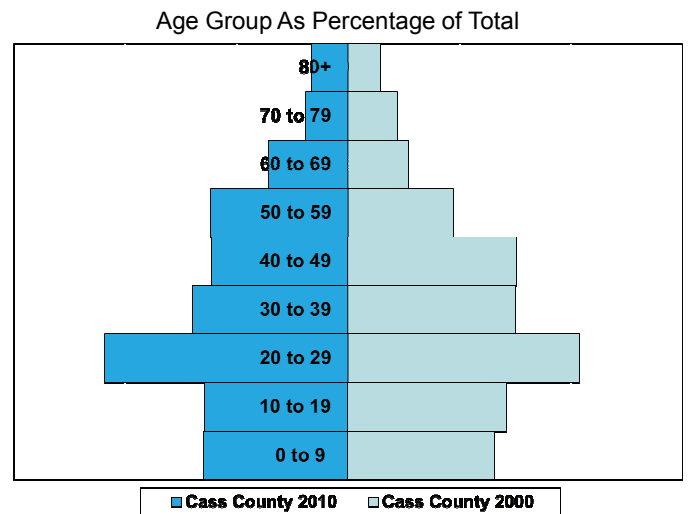
POPULATION

The Demographic Section of this report comes from the US Census Bureau (www.census.gov). Most tables are derived either from the full (100%) census taken in 2010 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 table showing percent population change uses census data from 2000 also. Tables present 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 which is in poverty (e.g., percentage of children under five years in poverty).

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Population by Age Group, 2010 Census				
Age Group	Cass County		North Dakota	
	Number	Percent	Number	Percent
0-9	19256	12.9%	84,671	12.6%
10-19	19234	12.8%	87,264	13.0%
20-29	32613	21.8%	108,552	16.1%
30-39	20867	13.9%	77,954	11.6%
40-49	18255	12.2%	84,577	12.6%
50-59	18426	12.3%	96,223	14.3%
60-69	10647	7.1%	61,901	9.2%
70-79	5743	3.8%	39,213	5.8%
80+	4737	3.2%	32,236	4.8%
Total	149778	100.0%	672,591	100.0%
0-17	32660	21.8%	149,871	22.3%
65+	14550	9.7%	97,477	14.5%

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Female Population and Percentage Female by Age, 2010 Census				
Age Group	Cass County		North Dakota	
	Number	Percent	Number	Percent
0-9	9477	49.2%	41330	48.8%
10-19	9438	49.1%	42277	48.4%
20-29	15626	47.9%	50571	46.6%
30-39	9889	47.4%	37144	47.6%
40-49	8911	48.8%	41499	49.1%
50-59	9263	50.3%	47283	49.1%
60-69	5283	49.6%	30699	49.6%
70-79	3247	56.5%	21453	54.7%
80+	3093	65.3%	20471	63.5%
Total	74227	49.6%	332727	49.5%
0-17	16057	49.2%	73083	48.8%
65+	8384	57.6%	55050	56.5%

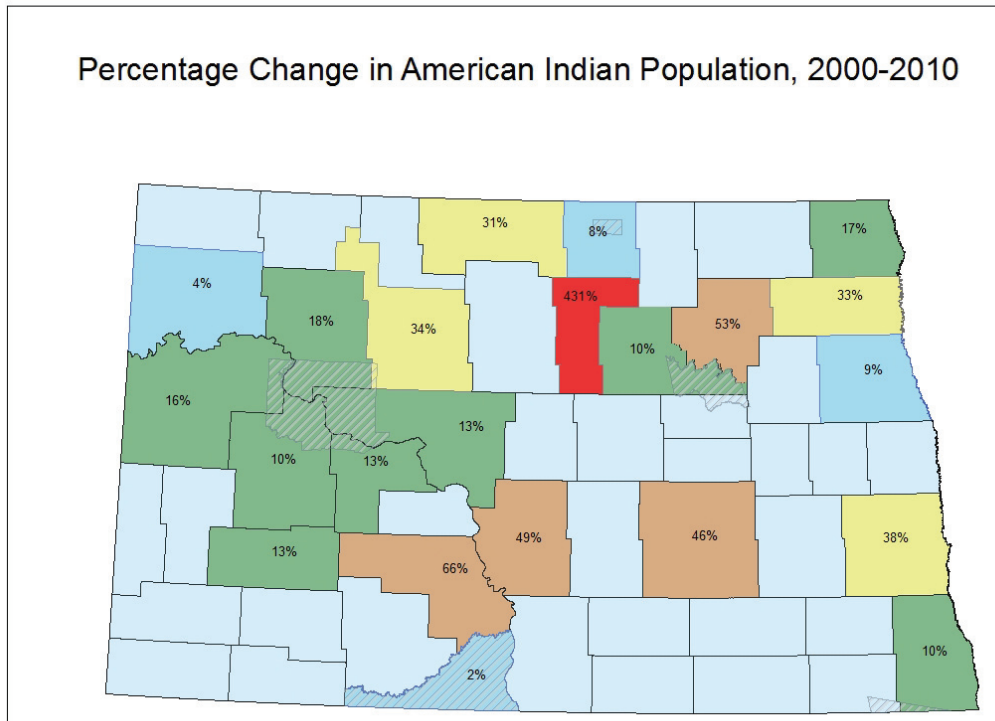
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Race, 2010 Census				
Race	Cass County		North Dakota	
	Number	Percentage	Number	Percentage
Total	149,778	100.0%	672,591	100.0%
White	137,308	91.7%	605,449	90.0%
Black	3,428	2.3%	7,960	1.2%
Am.Indian	1,827	1.2%	36,591	5.4%
Asian	3,532	2.4%	6,909	1.0%
Pac. Islander	52	0.0%	320	0.0%
Other	798	0.5%	3,509	0.5%
Multirace	2,833	1.9%	11,853	1.8%

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Decennial Population Change, 1990 to 2000, 2000 to				
Census	Cass County	10 Year Change (%)	North Dakota	10 Year Change (%)
1990	102,874		638,800	
2000	123,138	19.7%	642,200	0.5%
2010	149,778	21.6%	672,591	4.7%

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Household Populations, 2010						
Household Type	Cass County		North Dakota			
	Number	Percentage	Number	Percentage		
Total	144,410	100.0%	659,858	100.0%		
In households	138,717	96.1%	634,679	96.2%		
In family households:	102,528	71.0%	504,148	76.4%		
In nonfamily households:	36,189	25.1%	130,531	19.8%		
In group quarters	5,693	3.9%	25,179	3.8%		
Institutionalized population	1,042	0.7%	9,675	1.5%		
Noninstitutionalized population	4,651	3.2%	15,504	2.3%		

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Marital Status of Persons Age 15 and Older, 2006-2010 ACS				
Marital Status	Cass County		North Dakota	
	Number	Percent	Number	Percent
Total Age 15+	117,711	100.0%	538,799	100.0%
Never Married	44,024	37.4%	163,256	30.3%
Now Married	57,678	49.0%	288,257	53.5%
Separated	942	0.8%	4,310	0.8%
Widowed	5,179	4.4%	36,100	6.7%
Divorced	9,888	8.4%	46,876	8.7%

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Educational Attainment, 2006-2010, ACS				
	Cass County		North Dakota	
	Estimate	Percent	Estimate	Percent
Population 25 years and over	88,460	100.0%	429,333	100.0%
Less than 9th grade	2,742	3.1%	24,043	5.6%
9th to 12th grade, no diploma	2,565	2.9%	21,467	5.0%
High school graduate or GED	20,080	22.7%	120,643	28.1%
Some college, no degree	20,611	23.3%	99,176	23.1%
Associate's degree	10,261	11.6%	51,091	11.9%
Bachelor's degree	23,088	26.1%	83,291	19.4%
Graduate or professional degree	9,111	10.3%	29,624	6.9%

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Disability in Non-Institutionalized Population, 2007-2010, ACS				
Group	Cass County		North Dakota	
	Number	Percent	Number	Percent
Total	146,205	100.0%	660,611	100.0%
No Disability	134,228	91.8%	591,814	89.6%
Any Disability	11,978	8.2%	68,797	10.4%
Self Care Disability (Age 5+)				
	1,838	1.3%	11,348	1.7%
0-17 with any disability				
	807	2.5%	4,501	3.0%
18-64 with any disability				
	6,491	6.3%	31,994	7.6%
65+ with any disability				
	4,680	32.2%	32,302	35.1%

Income and Poverty Status by Age Group, 2006-2010, ACS				
	Cass County		North Dakota	
	Number	Percent	Number	Percent
Median Household Income	\$47,600		\$46,781	
Per Capita Income	\$28,184		\$25,803	
Below Poverty Level				
	17,744	12.8%	78,405	12.3%
Under 5 years				
	1,267	12.2%	4,120	9.2%
5 to 11 years				
	1,311	10.8%	7,908	14.2%
12 to 17 years				
	873	8.6%	5,457	11.0%
18 to 64 years				
	12,975	12.7%	46,471	12.0%
65 to 74 years				
	575	8.0%	4,149	8.9%
75 years and over				
	743	10.1%	7,072	14.0%

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Family Poverty and Childhood and Elderly Poverty, 2006-2010, ACS				
	Cass County		North Dakota	
	Number	Percent	Number	Percent
Total Families	34,580	100.0%	170,477	100.0%
Families in Poverty	2,006	5.8%	12,274	7.2%
Families with related Children	17,147	49.6%	78,224	45.9%
Families with related Children in Poverty	1,560	4.5%	10,679	6.3%
Families with related Children and Female Parent Only	3,553	10.3%	15,482	9.1%
Families with related Children and Female Parent Only in Poverty	1,137	3.3%	6,022	3.5%
Total Known Children in Poverty (0-17)	3,451	10.6%	17,485	11.7%
Total Known Age 65+ in Poverty	1,318	9.1%	11,221	11.5%

Vital Statistics Data

BIRTHS AND DEATHS

Vital Statistics Data comes from the birth and death records collected by the State of North Dakota aggregated over a five year period. All births and deaths represent the county of residence not the county of occurrence. The number of events is blocked if fewer than six. 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 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.

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Births, 2006-2010				
	Cass County		North Dakota	
	Number	Rate	Number	Rate
Live Births and Rate	10,483	14.0	44,427	13.2
Pregnancies and Rate	11,934	15.9	48,818	14.5
Fertility Rate		62.1		71.4
Teen Births and Rate	504	12.9	3,337	19.2
Teen Pregnancies and Rate	696	17.8	4,062	23.4
	Number	Ratio	Number	Ratio
Out of Wedlock Births and Ratio	2,902	276.8	14,506	326.5
Out of Wedlock Pregnancies and Ratio	4,124	345.6	18,103	370.8
Low Birth Weight Birth and Ratio	681	65.0	2919	65.7

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Deaths, 2006-2010				
	Cass County		North Dakota	
	Number	Rate or Ratio	Number	Rate or Ratio
Infant Deaths and Ratio	61	5.8	281.0	6.3
	Number	Rate	Number	Rate
Child and Adolescent Deaths and Rate	27	14.9	285.0	35.0
Total Deaths and Rate	4147	553.8	28,984.0	861.9

Vital Statistics Data

BIRTHS AND DEATHS

Deaths and Age Adjusted Death Rate by Cause, 2006-2010		
	Cass County	North Dakota
	Number (Adj. Rate)	Number (Adj. Rate)
All Causes	4146 (622)	28,985 (689)
Heart Disease	1014 (151)	7,122 (162)
Cancer	972 (151)	6,544 (162)
Stroke	204 (31)	1,696 (38)
Alzheimers Disease	285 (41)	1,936 (40)
COPD	210 (34)	1,607 (39)
Unintentional Injury	185 (26)	1,545 (42)
Diabetes Mellitus	116 (18)	1,072 (26)
Pneumonia and Influenza	89 (13)	702 (15)
Cirrhosis	42 (6)	289 (8)
Suicide	90 (12)	462 (14)

Vital Statistics Data

BIRTHS AND DEATHS

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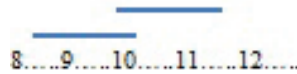
Leading Causes of Death by Age Group for Cass County, 2006-2010			
Age	1	2	3
0-4	Congenital Anomaly 11	Comp. of Preg. 7	SIDS
5-14	Unintentional Injury	Heart	
	Cancer	Pneumonia/Influenza	
15-24	Unintentional Injury 19	Suicide 15	Cancer
25-34	Unintentional Injury 24	Suicide 23	Heart 12
35-44	Cancer 27	Heart	Suicide
	Unintentional Injury 27	19	17
45-54	Cancer 96	Heart 79	Unintentional Injury 25
55-64	Cancer 173	Heart 110	COPD 24
65-74	Cancer 219	Heart 138	COPD 39
75-84	Cancer 273	Heart 264	COPD 89
85+	Heart 407	Alzheimer's Dz 199	Cancer 174

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Leading Causes of Death by Age Group for North Dakota, 2006-2010			
Age	1	2	3
0-4	Congenital Anomaly 69	Prematurity 44	SIDS 40
5-14	Unintentional Injury 26	Cancer 10	Congenital Anomaly 6
15-24	Unintentional Injury 184	Suicide 109	Cancer 20
25-34	Unintentional Injury 166	Suicide 91	Heart 32
35-44	Unintentional Injury 173	Heart 94	Cancer 88
45-54	Cancer 493	Heart 335	Unintentional Injury 194
55-64	Cancer 1001	Heart 579	Unintentional Injury 137
65-74	Cancer 1562	Heart 843	COPD 313
75-84	Cancer 1992	Heart 1797	COPD 626
85+	Heart 3421	Alzheimer's Dz 1391	Cancer 1352

ADULT BEHAVIORAL RISK FACTORS, 2007-2010

Adult Behavioral Risk Factor data are derived from aggregated data (the number of years specified is in the table) continuously collected by telephone survey from persons 18 years and older. All data is self-reported data. 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 prevalences in the two populations.



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	ALCOHOL	Cass County %	North Dakota %
Binge Drinking	Respondents who reported binge drinking (5 drinks for men, 4 drinks for women) one or more times in the past 30 days.	21.0 (18.8-23.3)	21.2 (20.3-22.2)
Heavy Drinking	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	5.5 (4.3- 6.8)	4.9 (4.4- 5.3)
Drunk Driving	Respondents who reported driving when they had too much to drink one or more times during the past 30 days	7.0 (4.2- 9.8)	7.1 (6.0- 8.2)
ARTHRITIS			
Chronic Joint Symptoms	Respondents who reported pain, aching of stiff in a joint during the past 30 days which started more than 3 months ago	28.0 (24.1-31.9)	31.7 (30.1-33.4)
Activity Limitation Due to Arthritis	Respondents who reported being limited in any usual activities because of arthritis or joint symptoms.	14.3 (11.9-16.7)*	17.4 (16.4-18.4)
Doctor Diagnosed Arthritis	Respondents who reported ever have been told by a doctor or other health professional that they had some form of arthritis.	23.5 (21.1-25.9)	27.1 (26.1-28.2)
ASTHMA			
Ever Asthma	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had asthma.	10.0 (8.6-11.4)	11.3 (10.7-12.0)
Current Asthma	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had asthma and who still have asthma.	6.7 (5.5- 7.8)	8.0 (7.4- 8.5)

ADULT BEHAVIORAL RISK FACTORS, 2007-2010

	BODY WEIGHT	Cass County %	North Dakota %
Overweight But Not Obese	Respondents with a body mass index greater than or equal to 25 but less than 30 (overweight)	36.7 (34.4-39.1)	38.0 (37.1-39.0)
Obese	Respondents with a body mass index greater than or equal to 30 (obese)	25.2 (23.1-27.2)	27.8 (26.9-28.7)
Overweight or Obese	Respondents with a body mass index greater than or equal to 25 (overweight or obese)	61.9 (59.3-64.5)	65.8 (64.8-66.8)
CARDIOVASCULAR			
Heart Attack	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had a heart attack.	3.3 (2.7- 3.9)	4.1 (3.8- 4.3)
Angina	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had angina.	3.5 (2.9- 4.1)	4.0 (3.7- 4.3)
Stroke	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had a stroke.	1.9 (1.4- 2.3)*	2.5 (2.3- 2.7)
Cardiovascular Disease	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.	6.2 (5.4- 7.0)	7.6 (7.2- 8.0)
CHOLESTEROL			
Never Cholesterol Test	Respondents who reported never having a cholesterol test	18.4 (14.8-22.0)	21.5 (20.0-22.9)
No Cholesterol Test in Past 5 Years	Respondents who reported never having a cholesterol test in the past five years	22.4 (18.7-26.1)	25.9 (24.4-27.3)
High Cholesterol	Respondents who reported that they had ever been told by a doctor, nurse or other health professional that they had high cholesterol.	36.0 (32.9-39.1)	35.9 (34.7-37.2)
COLORECTAL CANCER			
Fecal Occult Blood	Respondents age 50 and older who reported not having a fecal occult blood test in the past two years.	73.5 (70.4-76.6)	80.9 (79.8-81.9)
Never Sigmoidoscopy	Respondents age 50 and older who reported never having had a sigmoidoscopy or colonoscopy	29.9 (26.8-33.1)	40.5 (39.1-41.8)
No Sigmoidoscopy in Past 5 Years	Respondents age 50 and older who reported not having a sigmoidoscopy or colonoscopy in the past five years.	41.1 (37.7-44.5)	50.3 (48.9-51.7)
DIABETES			
Diabetes Diagnosis	Respondents who reported ever having been told by a doctor that they had diabetes.	6.4 (5.6- 7.3)	7.2 (6.8- 7.6)
FRUITS AND VEGETABLES			
Five Fruits and Vegetables	Respondents who reported that they do not usually eat 5 fruits and vegetables per day	77.0 (74.0-80.0)	77.8 (76.7-78.9)

ADULT BEHAVIORAL RISK FACTORS, 2007-2010

	GENERAL HEALTH	Cass County %	North Dakota %
Fair or Poor Health	Respondents who reported that their general health was fair or poor	10.7 (9.3-12.1)*	12.6 (12.1-13.2)
Poor physical Health	Respondents who reported they had 8 or more days in the last 30 when their physical health was not good	9.7 (8.3-11.0)	10.2 (9.7-10.8)
Poor Mental Health	Respondents who reported they had 8 or more days in the last 30 when their mental health was not good	10.0 (8.2-11.7)	9.4 (8.8-10.0)
Activity Limitation Due to Poor Health	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.	5.8 (4.8- 6.8)	5.9 (5.5- 6.3)
Any Activity Limitation	Respondents who reported being limited in any way due to physical, mental or emotional problem.	14.9 (13.4-16.4)	16.8 (16.1-17.5)
HEALTH CARE ACCESS			
Health Insurance	Respondents who reported not having any form or health care coverage	7.5 (5.7- 9.3)	11.3 (10.5-12.1)
Access Limited by Cost	Respondents who reported needing to see a doctor during the past 12 months but could not due to cost.	5.4 (4.2- 6.5)	6.5 (5.9- 7.0)
No Personal Provider	Respondents who reported that they did not have one person they consider to be their personal doctor or health care provider.	20.0 (17.8-22.2)	23.3 (22.4-24.3)
HYPERTENSION			
High Blood Pressure	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had high blood pressure.	23.3 (20.8-25.7)	26.4 (25.3-27.4)
IMMUNIZATION			
Influenza Vaccine	Respondents age 65 and older who reported that they did not have a flu shot in the past year	27.3 (24.0-30.6)	29.6 (28.3-30.9)
Pneumococcal Vaccine	Respondents age 65 or older who reported never having had a pneumonia shot.	28.1 (24.7-31.5)	29.8 (28.5-31.2)
INJURY			
Fall	Respondents 45 years and older who reported that they had fallen in the past 3 months	11.6 (9.6-13.6)	15.2 (14.3-16.1)
Seat Belt	Respondents who reported not always wearing their seatbelt	26.4 (23.3-29.5)	39.2 (37.8-40.7)

ADULT BEHAVIORAL RISK FACTORS, 2007-2010

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	ORAL HEALTH	Cass County %	North Dakota %
Dental Visit	Respondents who reported that they have not had a dental visit in the past year	19.3 (16.8-21.8)	28.0 (26.7-29.3)
Tooth Loss	Respondents who reported they had lost 6 or more permanent teeth due to gum disease or decay.	11.1 (9.6-12.6)	14.2 (13.5-14.9)
PHYSICAL ACTIVITY			
Recommend Physical Activity	Respondents who reported that they did not get the recommended amount of physical activity	46.2 (42.5-49.8)	37.3 (35.9-38.7)
No Leisure Physical Activity	Respondents who reported that they participated in no leisure time physical activity	5.4 (4.1- 6.7)	6.4 (5.8- 7.0)
TOBACCO			
Current Smoking	Respondents who reported that they smoked every day or some days	15.6 (13.8-17.3)	18.8 (17.9-19.6)
WOMEN'S HEALTH			
Pap Smear	Women 18 and older who reported that they have not had a pap smear in the past three years	12.9 (9.5-16.3)	16.0 (14.4-17.6)
Mammogram Age 40+	Women 40 and older who reported that they have not had a mammogram in the past two years	21.3 (17.9-24.6)	24.0 (22.6-25.4)

ADULT BEHAVIORAL RISK FACTORS, 2001-2005, 2006-2010 Time Trend

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	ALCOHOL	Cass County 2001-2005 %	Cass County 2006-2010 %
Binge Drinking	Respondents who reported binge drinking (5 drinks for men, 4 drinks for women) one or more times in the past 30 days.	24.4 (22.4-26.4)	21.9 (19.8-24.1)
Heavy Drinking	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	6.0 (4.8- 7.2)	5.9 (4.6- 7.2)
Drunk Driving	Respondents who reported driving when they had too much to drink one or more times during the past 30 days	3.2 (1.8- 4.6)	8.6 (6.0-11.2)
	ARTHRITIS		
Chronic Joint Symptoms	Respondents who reported pain, aching of stiff in a joint during the past 30 days which started more than 3 months ago	32.6 (30.0-35.2)	28.0 (24.1-31.9)
Activity Limitation Due to Arthritis	Respondents who reported being limited in any usual activities because of arthritis or joint symptoms.	8.5 (7.1- 9.9)	14.3 (11.9-16.7)
Doctor Diagnosed Arthritis	Respondents who reported ever have been told by a doctor or other health professional that they had some form of arthritis.	21.2 (19.1-23.3)	23.5 (21.1-25.9)
	ASTHMA		
Ever Asthma	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had asthma.	11.0 (9.6-12.4)	10.6 (9.1-12.1)
Current Asthma	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had asthma and who still have asthma.	7.5 (6.4- 8.7)	7.1 (5.9- 8.3)
	BODY WEIGHT		
Overweight But Not Obese	Respondents with a body mass index greater than or equal to 25 but less than 30 (overweight)	36.8 (34.7-38.9)	37.4 (35.2-39.5)
Obese	Respondents with a body mass index greater than or equal to 30 (obese)	21.5 (19.8-23.3)	24.7 (22.8-26.5)
Overweight or Obese	Respondents with a body mass index greater than or equal to 25 (overweight or obese)	58.4 (56.1-60.6)	62.0 (59.7-64.3)

ADULT BEHAVIORAL RISK FACTORS, 2001-2005, 2006-2010 Time Trend

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	CARDIOVASCULAR	Cass County 2001-2005 %	Cass County 2006-2010 %
Heart Attack	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had a heart attack.	2.4 (1.6- 3.2)	3.2 (2.7- 3.8)
Angina	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had angina.	2.9 (2.1- 3.8)	3.4 (2.8- 3.9)
Stroke	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had a stroke.	1.1 (0.6- 1.6)	1.8 (1.4- 2.2)
Cardiovascular Disease	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.	4.7 (3.6- 5.8)	6.0 (5.2- 6.7)
CHOLESTEROL			
Never Cholesterol Test	Respondents who reported never having a cholesterol test	24.3 (22.0-26.6)	18.4 (14.8-22.0)*
No Cholesterol Test in Past 5 Years	Respondents who reported never having a cholesterol test in the past five years	29.5 (27.1-31.9)	22.4 (18.7-26.1)
High Cholesterol	Respondents who reported that they had ever been told by a doctor, nurse or other health professional that they had high cholesterol.	31.3 (28.9-33.7)	36.0 (32.9-39.1)
COLORECTAL CANCER			
Fecal Occult Blood	Respondents age 50 and older who reported not having a fecal occult blood test in the past two years.	58.8 (54.3-63.3)	70.7 (67.8-73.5)
Never Sigmoidoscopy	Respondents age 50 and older who reported never having had a sigmoidoscopy or colonoscopy	41.2 (33.7-48.8)	31.5 (28.7-34.4)*
No Sigmoidoscopy in Past 5 Years	Respondents age 50 and older who reported not having a sigmoidoscopy or colonoscopy in the past five years.	47.9 (43.3-52.4)	41.8 (38.8-44.9)
DIABETES			
Diabetes Diagnosis	Respondents who reported ever having been told by a doctor that they had diabetes.	4.8 (3.6- 6.1)	6.4 (5.6- 7.2)
FRUITS AND VEGETABLES			
Five Fruits and Vegetables	Respondents who reported that they do not usually eat 5 fruits and vegetables per day	81.1 (79.1-83.1)	77.0 (74.0-80.0)

ADULT BEHAVIORAL RISK FACTORS, 2001-2005, 2006-2010 Time Trend

18A

	GENERAL HEALTH	Cass County 2001-2005 %	Cass County 2006-2010 %
Fair or Poor Health	Respondents who reported that their general health was fair or poor	7.9 (6.7- 9.0)	10.8 (9.4-12.2)
Poor physical Health	Respondents who reported they had 8 or more days in the last 30 when their physical health was not good	8.1 (6.9- 9.3)	9.8 (8.5-11.1)
Poor Mental Health	Respondents who reported they had 8 or more days in the last 30 when their mental health was not good	8.2 (6.8- 9.6)	10.0 (8.4-11.6)
Activity Limitation Due to Poor Health	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.	4.6 (3.7- 5.5)	6.0 (4.9- 7.2)
Any Activity Limitation	Respondents who reported being limited in any way due to physical, mental or emotional problem.	13.3 (11.9-14.7)	14.6 (13.3-15.9)
HEALTH CARE ACCESS			
Health Insurance	Respondents who reported not having any form or health care coverage	9.3 (8.0-10.7)	7.6 (6.1- 9.2)
Access Limited by Cost	Respondents who reported needing to see a doctor during the past 12 months but could not due to cost.	5.7 (4.3- 7.1)	5.9 (4.7- 7.0)
No Personal Provider	Respondents who reported that they did not have one person they consider to be their personal doctor or health care provider.	27.0 (25.0-29.0)	22.0 (19.9-24.1)
HYPERTENSION			
High Blood Pressure	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had high blood pressure.	21.4 (19.2-23.5)	23.3 (20.8-25.7)
IMMUNIZATION			
Influenza Vaccine	Respondents age 65 and older who reported that they did not have a flu shot in the past year	23.1 (18.9-27.3)	26.4 (23.4-29.5)
Pneumococcal Vaccine	Respondents age 65 or older who reported never having had a pneumonia shot.	30.5 (25.6-35.4)	28.3 (25.2-31.5)
INJURY			
Seat Belt	Respondents who reported not always wearing their seatbelt	38.4 (33.5-43.4)	27.3 (24.7-29.9)

ADULT BEHAVIORAL RISK FACTORS, 2001-2005, 2006-2010 Time Trend

19A

	ORAL HEALTH	Cass County 2001-2005 %	Cass County 2006-2010 %
Dental Visit	Respondents who reported that they have not had a dental visit in the past year	25.0 (22.5-27.6)	20.0 (17.9-22.2)
Tooth Loss	Respondents who reported they had lost 6 or more permanent teeth due to gum disease or decay.	9.4 (7.9-10.9)	11.4 (10.0-12.7)
	PHYSICAL ACTIVITY		
Recommend Physical Activity	Respondents who reported that they did not get the recommended amount of physical activity	53.3 (50.8-55.7)	46.2 (42.5-49.8)
No Leisure Physical Activity	Respondents who reported that they participated in no leisure time physical activity	5.4 (4.0- 6.8)	5.4 (4.1- 6.7)
	TOBACCO		
Current Smoking	Respondents who reported that they smoked every day or some days	20.8 (19.0-22.5)	16.8 (15.0-18.6)
	WOMEN'S HEALTH		
Pap Smear	Women 18 and older who reported that they have not had a pap smear in the past three years	18.9 (14.7-23.1)	20.2 (17.4-22.9)
Mammogram Age 40+	Women 40 and older who reported that they have not had a mammogram in the past two years	9.5 (6.5-12.4)	13.1 (10.1-16.2)

CRIME

Crime data is obtained from the North Dakota web site for the North Dakota Bureau of Criminal Investigation. The number of crimes are reported to BCI by local law enforcement agencies. Some years some agencies may not report so the data is designated as incomplete.

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Cass County							
	2006	2007	2008	2009	2010	5 year	5-Year Rate
Murder	2	4	0	3	0	9	1.3
Rape	84	72	62	68	58	344	49.2
Robbery	22	30	30	39	39	160	22.9
Assault	167	178	221	262	273	1,101	157.5
Violent crime	275	284	313	372	370	1,614	230.9
Burglary	663	687	639	876	632	3,497	500.2
Larceny	2,429	2,588	2,860	2,870	2,777	13,524	1934.6
Motor vehicle theft	277	273	277	296	216	1,339	191.5
Property crime	3,369	3,548	3,776	4,042	3,625	18,360	2626.4
Total	3,644	3,832	4,089	4,414	3,995	19,974	2857.3
North Dakota							
	2006	2007	2008	2009	2010	5 year	5-Year Rate
Murder	8	16	4	15	11	54	1.7
Rape	184	202	222	206	222	1,036	32.3
Robbery	69	68	71	102	85	395	12.3
Assault	525	599	738	795	847	3,504	109.2
Violent crime	786	885	1,035	1,118	1,165	4,989	155.5
Burglary	2,364	2,096	2,035	2,180	1,826	10,501	327.4
Larceny	8,884	8,672	8,926	8,699	8,673	43,854	1367.2
Motor vehicle theft	966	878	854	825	763	4,286	133.6
Property crime	12,214	11,646	11,815	11,704	11,262	58,641	1828.2
Total	13,000	12,531	12,850	12,822	12,427	63,630	1983.8

CHILD HEALTH INDICATORS

Child Health Indicators are selected from Kid's Count data reported on the web. The descriptive line tells what the number present and the part of the description in parentheses tells what the number in parentheses means. If the year of the data is different than other data in the table, the year is footnoted.

Child Indicators: Education 2010	Cass County	North Dakota	Child Indicators: Families and Child Care 2010	Cass County	North Dakota
Children Ages 3 to 4 in Head Start (Percent of eligible 3 to 4 year olds)*	257 (59)	2,607 (65)	Child Care Providers	680	3,176
Enrolled in Special Education Ages 3-21 (Percent of persons ages 3-21)	2,408 (12)	13,170 (14)	Child Care Capacity (As percent of all children 0-13 in child care)	12,333	41,478
Speech or Language Impaired Children in Special Education (Percent of all special education children)	501 (21)	3,298 (25)	Mothers with a Child Ages 0-17 in Labor Force (Percent of all mothers with a child ages 0-17)*	13,027 (85)	57,059 (82)
Mentally Handicapped Children in Special Education (Percentage of total special education children)	162 (6.7)	763 (5.8)	Children Ages 0-17 Living in a Single Parent Family (Percent of all children ages 0-17)*	6,928 (23)	30,058 (21)
Children with Specific Learning Disability in Special Education (Percentage of total special education children)	739 (31)	4,143 (32)	Children in Foster Care (Percent of children ages 0-18)	414 (1.2)	1,912 (1.2)
High School Dropouts (Dropouts per 1000 persons ages 16-24)	145 (2.2)	701 (2.2)	Children Ages 0-17 with Suspected Child Abuse or Neglect (Cases per 100 children 0-17)	1,583 (5.1)	6,399 (4.4)
Average ACT Composite Score	22.2	21.5	Children Ages 0-17 Impact by Domestic Violence (Percent of all children ages 0-17)	658 (2.1)	4,180 (2.9)
Average Expenditure per Student in Public School	\$9,132	\$9,812	Births to Mothers with Inadequate Prenatal Care**	29 (1.3)	389 (4.3)
*Year 2008 data			* Year 2009 data		
Child Indicators: Economic Health 2010	Cass County	North Dakota	Child Indicators: Juvenile Justice 2010	Cass County	North Dakota
TANF Recipients Ages 0-19 (Percent of persons ages 0-19)	1,181 (3.2)	7,819 (4.7)	Children Ages 0-17 Referred to Juvenile Court (Percent of all children ages 0-17)	1,085 (8.6)	5,139 (8.1)
SNAP Recipients Ages 0-19 (Percent of all children ages 0-19)	7,129 (22)	37,553 (24)	Offense Against Person Juvenile Court Referral (Percent of total juvenile court referral)	264 (12.5)	784 (8.2)
Children Receiving Free and Reduced Price Lunches (Percent of total school enrollment)	5,623 (26)	33,870 (33)	Alcohol-Related Juvenile Court Referral (Percent of all juvenile court referrals)	207 (9.8)	1,464 (15)
WIC Program Participants	4,763	24,331			
Medicaid Recipients Ages 0-20 (Percent of all persons ages 0-20)	9,528 (23)	49,110 (27)			
Median Income for Families with Children Ages 0-17 *	\$67,317	\$61,035			
Children Ages 0-17 Living in Extreme Poverty (Percent of children 0-17 for whom poverty is determined)*	1,730 (5.8)	10,100 (7.2)			
*Year 2009 data					