

Ransom County Community Health Profile

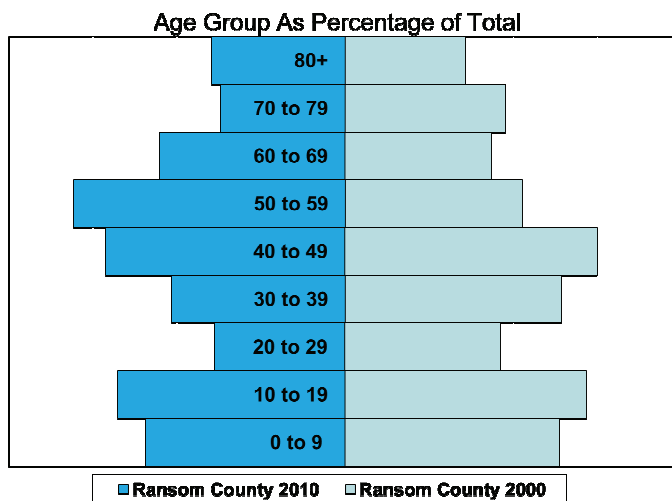
POPULATION

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	Ransom County		North Dakota	
	Number	Percent	Number	Percent
0-9	645	11.8%	84,671	12.6%
10-19	736	13.5%	87,264	13.0%
20-29	422	7.7%	108,552	16.1%
30-39	563	10.3%	77,954	11.6%
40-49	777	14.2%	84,577	12.6%
50-59	878	16.1%	96,223	14.3%
60-69	601	11.0%	61,901	9.2%
70-79	406	7.4%	39,213	5.8%
80+	429	7.9%	32,236	4.8%
Total	5,457	100.0%	672,591	100.0%
0-17	1,281	23.5%	149,871	22.3%
65+	1,084	19.9%	97,477	14.5%

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Female Population and Percentage Female by Age, 2010 Census				
Age Group	Ransom County		North Dakota	
	Number	Percent	Number	Percent
0-9	295	45.7%	41330	48.8%
10-19	347	47.1%	42277	48.4%
20-29	224	53.1%	50571	46.6%
30-39	272	48.3%	37144	47.6%
40-49	369	47.5%	41499	49.1%
50-59	418	47.6%	47283	49.1%
60-69	279	46.4%	30699	49.6%
70-79	223	54.9%	21453	54.7%
80+	259	60.4%	20471	63.5%
Total	2,686	49.2%	332727	49.5%
0-17	597	46.6%	73083	48.8%
65+	597	55.1%	55050	56.5%

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POPULATION

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Decennial Population Change, 1990 to 2000, 2000 to 2010				
Census	Ransom County	10 Year Change (%)	North Dakota	10 Year Change (%)
1990	5,921		638,800	
2000	5,890	-0.5%	642,200	0.5%
2010	5,457	-7.4%	672,591	4.7%

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Race, 2010 Census				
Race	Ransom County		North Dakota	
	Number	Percentage	Number	Percentage
Total	5,457	100.0%	672,591	100.0%
White	5,338	97.8%	605,449	90.0%
Black	19	0.3%	7,960	1.2%
Am. Indian	23	0.4%	36,591	5.4%
Asian	20	0.4%	6,909	1.0%
Pac. Islander	3	0.1%	320	0.0%
Other	7	0.1%	3,509	0.5%
Multirace	47	0.9%	11,853	1.8%

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Household Populations, 2006-2010, ACS					
Household Type	Ransom County		North Dakota		
	Number	Percentage	Number	Percentage	
Total	5,624	100.0%	659,858	100.0%	
In households	5,372	95.5%	634,679	96.2%	
In family households:	4,563	81.1%	504,148	76.4%	
In nonfamily households:	809	14.4%	130,531	19.8%	
In group quarters	252	4.5%	25,179	3.8%	
Institutionalized population	185	3.3%	9,675	1.5%	
Noninstitutionalized population	67	1.2%	15,504	2.3%	

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Marital Status of Persons Age 15 and Older, 2006-2010 ACS				
Marital Status	Ransom County		North Dakota	
	Number	Percent	Number	Percent
Total Age 15+	4,532	100.0%	538,799	100.0%
Never Married	829	18.3%	163,256	30.3%
Now Married	2,823	62.3%	288,257	53.5%
Separated	63	1.4%	4,310	0.8%
Widowed	372	8.2%	36,100	6.7%
Divorced	444	9.8%	46,876	8.7%

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POPULATION

	Educational Attainment, 2006-2010, ACS			
	Ransom County		North Dakota	
	Estimate	Percent	Estimate	Percent
Population 25 years and over	3,959	100.0%	429,333	100.0%
Less than 9th grade	297	7.5%	24,043	5.6%
9th to 12th grade, no diploma	206	5.2%	21,467	5.0%
High school graduate or GED	1,516	38.3%	120,643	28.1%
Some college, no degree	930	23.5%	99,176	23.1%
Associate's degree	309	7.8%	51,091	11.9%
Bachelor's degree	534	13.5%	83,291	19.4%
Grad degree or prof degree	162	4.1%	29,624	6.9%

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Income and Poverty Status by Age Group, 2006-2010, ACS

	Ransom County		North Dakota	
	Number	Percent	Number	Percent
Median Household Income	\$46,044		\$46,781	
Per Capita Income	\$21,995		\$25,803	
	Number	Percent	Number	Percent
Below Poverty Level	503	9.2%	78,405	12.3%
Under 5 years	48	15.8%	4,120	9.2%
5 to 11 years	48	9.5%	7,908	14.2%
12 to 17 years	41	8.6%	5,457	11.0%
18 to 64 years	222	7.2%	46,471	12.0%
65 to 74 years	31	7.0%	4,149	8.9%
75 years and over	72	11.2%	7,072	14.0%
Total Known Children in Poverty (0-17)	137	10.7%	17,485	11.7%
Total Known Age 65+ in Poverty	103	9.5%	11,221	11.5%

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Family Poverty and Childhood and Elderly Poverty, 2006-2010, ACS

	Ransom County		North Dakota	
	Number	Percent	Number	Percent
Total Families	1,589	100.0%	170,477	100.0%
Families in Poverty	119	7.5%	12,274	7.2%
Families with Related Children	775	48.8%	78,224	45.9%
Families with Related Children in Poverty	99	6.2%	10,679	6.3%
Families with Related Children and Female Parent Only	132	8.3%	15,482	9.1%
Families with Related Children and Female Parent Only in Poverty	83	5.2%	6,022	3.5%

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Ransom County Community Health Profile

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				
	Ransom County		North Dakota	
	Number	Rate	Number	Rate
Live Births	315	12	44,427	13
Pregnancies	338	12	48,818	15
Fertility Ratio		80		71
Teen Births	16	12	3,337	19
Teen Pregnancies	18	13	4,062	23
	Number	Ratio	Number	Ratio
Out of Wedlock Births	85	270	14,506	327
Out of Wedlock Pregnancies	101	299	18,103	371
Low Birth Weight Births	9	29	2,919	66

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Deaths, 2006-2010				
	Ransom County		North Dakota	
	Number	Ratio	Number	Ratio
Infant Deaths	0	0	281	6
	Number	Rate	Number	Rate
Child and Adolescent Deaths	<6	NR	285	35
Total Deaths	399	1462	28,984	862

Ransom County Community Health Profile

Vital Statistics Data

BIRTHS AND DEATHS

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Deaths and Age Adjusted Death Rate by Cause, 2006-2010		
	Ransom County	North Dakota
	Number (Adj. Rate)	Number (Adj. Rate)
All Causes	399 (803)	28,985 (689)
Heart Disease	103 (187)	7,122 (162)
Cancer	79 (187)	6,544 (162)
Stroke	23 (41)	1,696 (38)
Alzheimers Disease	23 (36)	1,936 (40)
COPD	27 (58)	1,607 (39)
Unintentional Injury	14 (46)	1,545 (42)
Diabetes Mellitus	19 (43)	1,072 (26)
Pneumonia and Influenza	15 (27)	702 (15)
Cirrhosis	6 (13)	289 (8)
Suicide	<6	462 (14)

Ransom County Community Health Profile

ADULT BEHAVIORAL RISK FACTORS, 2000-2008

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Leading Causes of Death by Age Group for Ransom County, 2004-2008			
Age	1	2	3
0-4			
5-14	Unintentional Injury		
15-24	Unintentional Injury	Suicide	
25-34	Unintentional Injury		
35-44	Cancer		
45-54	Cancer 6	Heart	Unintentional Injury
55-64	Cancer 11	COPD	Cirrhosis
65-74	Cancer 23	Heart 111	COPD
75-84	Heart 26	Cancer 23	Diabetes 11 COPD 11
85+	Heart 59	Alzheimer's Dz 17	Cancer 15

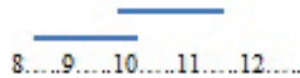
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Leading Causes of Death by Age Group for North Dakota, 2006-2010			
Age	1	2	3
0-4	Congenital Anomaly 69	Prematurity 44	SIDS 40
5-14	Unintentional Injury 26	Cancer 10	Congenital Anomaly 6
15-24	Unintentional Injury 184	Suicide 109	Cancer 20
25-34	Unintentional 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

Ransom County Community Health Profile

ADULT BEHAVIORAL RISK FACTORS, 2001-2010

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	Ransom 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.	25.0 (19.6-30.4)	21.1 (20.5-21.6)
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	6.9 (3.2-10.7)	5.0 (4.7-5.3)
Drunk Driving	Respondents who reported driving when they had too much to drink one or more times during the past 30 days	6.3 (1.5-11.2)	5.7 (5.1-6.2)
ARTHRITIS			
Chronic Joint Symptoms	Respondents who reported pain, aching or stiff in a joint during the past 30 days which started more than 3 months ago	36.1 (27.8-44.3)	35.3 (34.4-36.2)
Activity Limitation Due to Arthritis	Respondents who reported being limited in any usual activities because of arthritis or joint symptoms.	12.7 (7.5-17.9)	13.0 (12.4-13.5)
Doctor Diagnosed Arthritis	Respondents who reported ever have been told by a doctor or other health professional that they had some form of arthritis.	31.0 (24.0-38.0)	27.2 (26.5-27.9)
ASTHMA			
Ever Asthma	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had asthma.	9.7 (5.9-13.6)	10.7 (10.3-11.1)
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.	7.6 (3.9-11.2)	7.5 (7.2-7.9)

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ADULT BEHAVIORAL RISK FACTORS, 2001-2010

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	BODY WEIGHT	Ransom County %	North Dakota %
Overweight But Not Obese	Respondents with a body mass index greater than or equal to 25 but less than 30 (overweight)	35.9 (30.2-41.6)	38.7 (38.0-39.3)
Obese	Respondents with a body mass index greater than or equal to 30 (obese)	28.0 (22.7-33.4)	25.4 (24.9-26.0)
Overweight or Obese	Respondents with a body mass index greater than or equal to 25 (overweight or obese)	63.9 (58.0-69.8)	64.1 (63.5-64.8)
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.	5.4 (3.1- 7.8)	4.0 (3.8- 4.2)
Angina	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had angina.	3.9 (1.9- 5.8)	4.0 (3.8- 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 (0.6- 3.2)	2.2 (2.1- 2.4)
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.	8.4 (5.6-11.3)	7.4 (7.1- 7.7)
CHOLESTEROL			
Never Cholesterol Test	Respondents who reported never having a cholesterol test	21.1 (13.7-28.5)	23.0 (22.2-23.8)
No Cholesterol Test in Past 5 Years	Respondents who reported never having a cholesterol test in the past five years	27.5 (19.7-35.3)	28.2 (27.4-29.0)
High Cholesterol	Respondents who reported that they had ever been told by a doctor, nurse or other health professional that they had high cholesterol.	39.8 (31.8-47.8)	34.0 (33.2-34.8)
COLORECTAL CANCER			
Fecal Occult Blood	Respondents age 50 and older who reported not having a fecal occult blood test in the past two years.	69.2 (59.9-78.6)	78.3 (77.5-79.2)
Never Sigmoidoscopy	Respondents age 50 and older who reported never having had a sigmoidoscopy or colonoscopy	NA	42.6 (41.4-43.7)
No Sigmoidoscopy in Past 5 Years	Respondents age 50 and older who reported not having a sigmoidoscopy or colonoscopy in the past five years.	50.9 (40.6-61.1)	55.0 (54.0-56.1)
DIABETES			
Diabetes Diagnosis	Respondents who reported ever having been told by a doctor that they had diabetes.	8.5 (5.5-11.4)	6.9 (6.6- 7.2)
FRUITS AND VEGETABLES			
Five Fruits and Vegetables	Respondents who reported that they do not usually eat 5 fruits and vegetables per day	76.3 (69.9-82.7)	78.4 (77.7-79.1)

Ransom County Community Health Profile

ADULT BEHAVIORAL RISK FACTORS, 2001-2010

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	GENERAL HEALTH	Ransom County %	North Dakota %
Fair or Poor Health	Respondents who reported that their general health was fair or poor	15.2 (11.4-19.0)	12.6 (12.2-12.9)
Poor physical Health	Respondents who reported they had 8 or more days in the last 30 when their physical health was not good	11.8 (8.0-15.5)	10.2 (9.8-10.5)
Poor Mental Health	Respondents who reported they had 8 or more days in the last 30 when their mental health was not good	13.9 (8.8-18.9)	9.6 (9.2-10.0)
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.	6.6 (3.4-9.8)	5.7 (5.4-6.0)
Any Activity Limitation	Respondents who reported being limited in any way due to physical, mental or emotional problem.	18.0 (13.5-22.6)	16.0 (15.6-16.5)
HEALTH CARE ACCESS			
Health Insurance	Respondents who reported not having any form or health care coverage	8.1 (4.9-11.3)*	11.4 (11.0-11.9)
Access Limited by Cost	Respondents who reported needing to see a doctor during the past 12 months but could not due to cost.	7.2 (4.3-10.1)	6.8 (6.4-7.1)
No Personal Provider	Respondents who reported that they did not have one person they consider to be their personal doctor or health care provider.	19.9 (14.9-24.9)	23.5 (23.0-24.1)
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.	26.2 (19.7-32.7)	25.0 (24.4-25.7)
IMMUNIZATION			
Influenza Vaccine	Respondents age 65 and older who reported that they did not have a flu shot in the past year	41.8 (32.2-51.5)	28.6 (27.6-29.6)
Pneumococcal Vaccine	Respondents age 65 or older who reported never having had a pneumonia shot.	42.9 (33.2-52.6)	30.0 (28.9-31.0)
INJURY			
Fall	Respondents 45 years and older who reported that they had fallen in the past 3 months	13.4 (6.5-20.4)	15.5 (14.7-16.2)
Seat Belt	Respondents who reported not always wearing their seatbelt	48.9 (39.7-58.1)	41.9 (40.9-42.9)

Ransom County Community Health Profile

ADULT BEHAVIORAL RISK FACTORS, 2001-2010

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	ORAL HEALTH	Ransom County %	North Dakota %
Dental Visit	Respondents who reported that they have not had a dental visit in the past year	30.8 (23.7-37.9)	29.5 (28.8-30.3)
Tooth Loss	Respondents who reported they had lost 6 or more permanent teeth due to gum disease or decay.	15.1 (10.4-19.8)	16.0 (15.5-16.6)
PHYSICAL ACTIVITY			
Recommend Physical Activity	Respondents who reported that they did not get the recommended amount of physical activity	49.4 (41.3-57.6)	50.5 (49.7-51.4)
No Leisure Physical Activity	Respondents who reported that they participated in no leisure time physical activity	4.2 (1.5- 6.9)	6.9 (6.5- 7.4)
TOBACCO			
Current Smoking	Respondents who reported that they smoked every day or some days	17.6 (12.8-22.4)	19.8 (19.3-20.4)
WOMEN'S HEALTH			
Pap Smear	Women 18 and older who reported that they have not had a pap smear in the past three years	14.4 (7.9-21.0)	14.0 (13.1-15.0)
Mammogram Age 40+	Women 40 and older who reported that they have not had a mammogram in the past two years	NA	24.3 (23.3-25.3)

Ransom County Community Health Profile

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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Ransom County							
	2006	2007	2008	2009	2010	3 year	3-Year Rate
Murder	NA	NA	0	0	0	0	0.0
Rape	NA	NA	1	2	1	4	23.4
Robbery	NA	NA	1	1	0	2	11.7
Aggravated Assault	NA	NA	5	1	5	11	64.4
Violent crime			7	4	6	17	99.6
	NA	NA					
Burglary	NA	NA	8	33	23	64	374.9
Larceny	NA	NA	10	23	24	57	333.9
Motor vehicle theft	NA	NA	5	5	5	15	87.9
Property crime			23	61	52	136	796.6
Total			30	65	58	153	896.2
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
Aggravated 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

Ransom County Community Health Profile

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	Ransom County	North Dakota
Children Ages 3 to 4 in Head Start (Percent of eligible 3 to 4 year olds)*	9 (45)	2,607 (65)
Enrolled in Special Education Ages 3-21 (Percent of persons ages 3-21)	154 (16)	13,170 (14)
High School Dropouts (Dropouts per 1000 persons ages 16-24)	4 (1.3)	701 (2.2)
Average ACT Composite Score	21.4	21.5
Average Expenditure per Student in Public School	\$7,594	\$9,812
*Year 2008 data		
Child Indicators: Economic Health 2010	Ransom County	North Dakota
TANF Recipients Ages 0-19 (Percent of persons ages 0-19)	17 (1.2)	7,819 (4.7)
SNAP Recipients Ages 0-19 (Percent of all children ages 0-19)	269 (20)	37,553 (24)
Children Receiving Free and Reduced Price Lunches (Percent of total school enrollment)	284 (31)	33,870 (33)
WIC Program Participants	179	24,331
Medicaid Recipients Ages 0-20 (Percent of all persons ages 0-20)	319 (22)	49,110 (27)
Median Income for Families with Children Ages 0-17 *	\$62,681	\$61,035
Children Ages 0-17 Living in Extreme Poverty (Percent of children 0-17 for whom poverty is determined)*	80 (6.1)	10,100 (7.2)
*Year 2009 data		
Child Indicators: Families and Child Care 2010	Ransom County	North Dakota
Child Care Providers	22	3,176
Child Care Capacity (Percent of children 0-13)	195 (22)	41,478 (38)
Mothers with a Child Ages 0-17 in Labor Force (Percent of all mothers with a child ages 0-17)*	472 (79)	57,059 (82)
Children Ages 0-17 Living in a Single Parent Family (Percent of all children ages 0-17)*	236 (18)	30,058 (21)
Children in Foster Care (Percent of children ages 0-18)	6 (0.4)	1,912 (1.2)
Children Ages 0-17 with Suspected Child Abuse or Neglect (Cases per 100 children 0-17)	15 (1.2)	6,399 (4.4)
Children Ages 0-17 Impact by Domestic Violence (Percent of all children ages 0-17)	52 (4.1)	4,180 (2.9)
Births to Mothers with Inadequate Prenatal Care**	NA	389 (4.3)
* Year 2009 data		
Child Indicators: Juvenile Justice 2010	Ransom County	North Dakota
Children Ages 0-17 Referred to Juvenile Court (Percent of all children ages 0-17)	26 (4.2)	5,139 (8.1)
Offense Against Person Juvenile Court Referral (Percent of total juvenile court referral)	5 (11)	784 (8.2)
Alcohol-Related Juvenile Court Referral (Percent of all juvenile court referrals)	3 (6.5)	1,464 (15)