

Trail County Community Health Profile

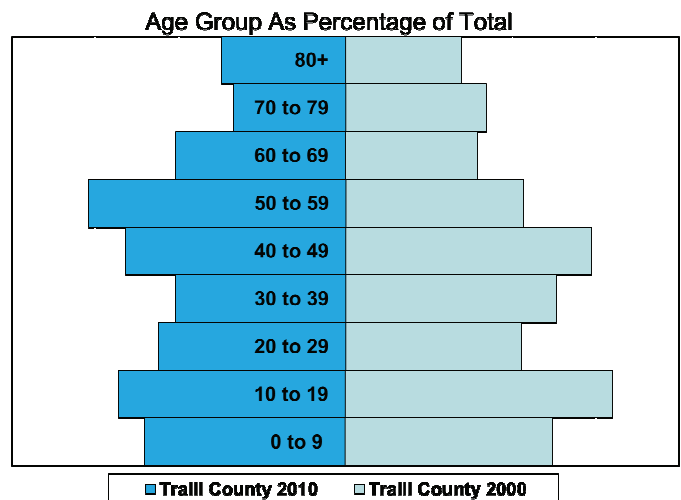
POPULATION

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	Trail County		North Dakota	
	Number	Percent	Number	Percent
0-9	975	12.0%	84,671	12.6%
10-19	1,108	13.6%	87,264	13.0%
20-29	913	11.2%	108,552	16.1%
30-39	829	10.2%	77,954	11.6%
40-49	1,076	13.2%	84,577	12.6%
50-59	1,247	15.4%	96,223	14.3%
60-69	832	10.2%	61,901	9.2%
70-79	542	6.7%	39,213	5.8%
80+	599	7.4%	32,236	4.8%
Total	8,121	100.0%	672,591	100.0%
0-17	1,810	22.3%	149,871	22.3%
65+	1,521	18.7%	97,477	14.5%

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Female Population and Percentage Female by Age, 2010 Census				
Age Group	Trail County		North Dakota	
	Number	Percent	Number	Percent
0-9	481	49.3%	41,330	48.8%
10-19	510	46.0%	42,277	48.4%
20-29	423	46.3%	50,571	46.6%
30-39	408	49.2%	37,144	47.6%
40-49	516	48.0%	41,499	49.1%
50-59	605	48.5%	47,283	49.1%
60-69	428	51.4%	30,699	49.6%
70-79	304	56.1%	21,453	54.7%
80+	379	63.3%	20,471	63.5%
Total	4,054	49.9%	332,727	49.5%
0-17	872	48.2%	73,083	48.8%
65+	893	58.7%	55,050	56.5%

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Decennial Population Change, 1990 to 2000, 2000 to 2010				
Census	Trail County	10 Year Change (%)	North Dakota	10 Year Change (%)
1990	8,752		638,800	
2000	8,477	-3.1%	642,200	0.5%
2010	8,121	-4.2%	672,591	4.7%

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Race, 2010 Census				
Race	Trail County		North Dakota	
	Number	Percentage	Number	Percentage
Total	8,121	100.0%	672,591	100.0%
White	7,809	96.2%	605,449	90.0%
Black	42	0.5%	7,960	1.2%
Am.Indian	64	0.8%	36,591	5.4%
Asian	21	0.3%	6,909	1.0%
Pac. Islander	1	0.0%	320	0.0%
Other	89	1.1%	3,509	0.5%
Multirace	95	1.2%	11,853	1.8%

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Household Populations, 2010					
Household Type	Trail County		North Dakota		
	Number	Percentage	Number	Percentage	
Total	8,190	100.0%	659,858	100.0%	
In households	7,988	97.5%	634,679	96.2%	
In family households:	6,564	80.1%	504,148	76.4%	
In nonfamily households:	1,424	17.4%	130,531	19.8%	
In group quarters	202	2.5%	25,179	3.8%	
Institutionalized population	168	2.1%	9,675	1.5%	
Noninstitutionalized population	34	0.4%	15,504	2.3%	

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Marital Status of Persons Age 15 and Older, 2006-2010 ACS				
Marital Status	Trail County		North Dakota	
	Number	Percent	Number	Percent
Total Age 15+	6,738	100.0%	538,799	100.0%
Never Married	1,610	23.9%	163,256	30.3%
Now Married	4,117	61.1%	288,257	53.5%
Separated	34	0.5%	4,310	0.8%
Widowed	512	7.6%	36,100	6.7%
Divorced	465	6.9%	46,876	8.7%

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Educational Attainment, 2006-2010, ACS				
	Trail County		North Dakota	
	Estimate	Percent	Estimate	Percent
Population 25 years and over	5,547	100.0%	429,333	100.0%
Less than 9th grade	327	5.9%	24,043	5.6%
9th to 12th grade, no diploma	338	6.1%	21,467	5.0%
High school graduate or GED	1,631	29.4%	120,643	28.1%
Some college, no degree	1,076	19.4%	99,176	23.1%
Associate's degree	716	12.9%	51,091	11.9%
Bachelor's degree	1,104	19.9%	83,291	19.4%
Grad degree or prof degree	349	6.3%	29,624	6.9%

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Income and Poverty Status by Age Group, 2006-2010, ACS				
	Trail County		North Dakota	
Median Household Income	\$44,290		\$46,781	
Per Capita Income	\$23,340		\$25,803	
	Number	Percent	Number	Percent
Below Poverty Level	733	9.0%	78,405	12.3%
Under 5 years	21	4.1%	4,120	9.2%
5 to 11 years	96	14.6%	7,908	14.2%
12 to 17 years	78	12.1%	5,457	11.0%
18 to 64 years	375	7.8%	46,471	12.0%
65 to 74 years	41	6.2%	4,149	8.9%
75 years and over	122	14.2%	7,072	14.0%
Total Known Children in Poverty (0-17)	195	10.8%	17,485	11.7%
Total Known Age 65+ in Poverty	163	10.7%	11,221	11.5%

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Family Poverty and Childhood and Elderly Poverty, 2006-2010, ACS				
	Trail County		North Dakota	
	Number	Percent	Number	Percent
Total Families	2,207	100.0%	170,477	100.0%
Families in Poverty	102	4.6%	12,274	7.2%
Families with Related Children	992	44.9%	78,224	45.9%
Families with Related Children in Poverty	70	3.2%	10,679	6.3%
Families with Related Children and Female Parent Only	90	4.1%	15,482	9.1%
Families with Related Children and Female Parent Only in Poverty	49	2.2%	6,022	3.5%

Trail 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				
	Trail County		North Dakota	
	Number	Rate	Number	Rate
Live Births	475	12	44,427	13
Pregnancies	513	13	48,818	15
Fertility Ratio		72		71
Teen Births	6	3	3,337	19
Teen Pregnancies	25	12	4,062	23
	Number	Ratio	Number	Ratio
Out of Wedlock Births	127	267	14,506	327
Out of Wedlock Pregnancies	158	308	18,103	371
Low Birth Weight Births	16	34	2,919	66

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Deaths, 2006-2010				
	Trail County		North Dakota	
	Number	Ratio	Number	Ratio
Infant Deaths	<6	NR	281	6
	Number	Rate	Number	Rate
Child and Adolescent Deaths	<6	NR	285	35
Total Deaths	463	1140	28,984	862

Trail County Community Health Profile

Vital Statistics Data

BIRTHS AND DEATHS

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Deaths and Age Adjusted Death Rate by Cause, 2006-2010		
	Trail County	North Dakota
	Number (Adj. Rate)	Number (Adj. Rate)
All Causes	463 (678)	28,985 (689)
Heart Disease	113 (149)	7,122 (162)
Cancer	108 (175)	6,544 (162)
Stroke	42 (55)	1,696 (38)
Alzheimers Disease	33 (37)	1,936 (40)
COPD	24 (32)	1,607 (39)
Unintentional Injury	16 (35)	1,545 (42)
Diabetes Mellitus	14 (18)	1,072 (26)
Pneumonia and Influenza	23 (32)	702 (15)
Cirrhosis	<6	289 (8)
Suicide	<6	462 (14)

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Vital Statistics Data

BIRTHS AND DEATHS

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Leading Causes of Death by Age, Trail County, 2006-2010			
Age	1	2	3
0-4	Cong. Anomaly	Prematurity	
5-14			
15-24	Unintentional Injury		
25-34	Unintentional Injury		
35-44	Suicide Cancer	Unintentional Injury	Heart
45-54	Heart	Cancer	Suicide Stroke
55-64	Cancer 9	Heart 8	COPD
65-74	Cancer 23	Heart 8	Unintentional Injury
75-84	Cancer 40	Heart 24	Stroke 16
85+	Heart 67	Cancer 29	Alzheimers Dz 26

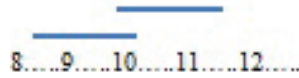
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Leading Causes of Death by Age Group for North Dakota, 2006-2010			
Age	1	2	3
0-4	Congenital Anomaly 69	Prematurity 44	SIDS 40
5-14	Unintentional Injury 26	Cancer 10	Congenital Anomaly 6
15-24	Unintentional Injury 184	Suicide 109	Cancer 20
25-34	Unintentional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

Trail 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	Trail 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.	16.3 (12.2-20.4)	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	3.0 (1.0- 4.9)	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	3.3 (0.8- 5.8)	5.7 (5.1- 6.2)
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	29.8 (22.8-36.8)	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.	12.1 (7.8-16.4)	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.	28.3 (22.2-34.4)	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.	9.9 (6.7-13.2)	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.	7.2 (4.3-10.1)	7.5 (7.2- 7.9)

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ADULT BEHAVIORAL RISK FACTORS, 2001-2010

	BODY WEIGHT	Trail County %	North Dakota %
Overweight But Not Obese	Respondents with a body mass index greater than or equal to 25 but less than 30 (overweight)	34.3 (29.2-39.4)	38.7 (38.0-39.3)
Obese	Respondents with a body mass index greater than or equal to 30 (obese)	29.9 (25.0-34.8)	25.4 (24.9-26.0)
Overweight or Obese	Respondents with a body mass index greater than or equal to 25 (overweight or obese)	64.2 (58.3-70.0)	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.	4.4 (2.1- 6.6)	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.	4.4 (2.2- 6.5)	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.	2.1 (0.6- 3.6)	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.	7.7 (5.0-10.5)	7.4 (7.1- 7.7)
CHOLESTEROL			
Never Cholesterol Test	Respondents who reported never having a cholesterol test	19.9 (14.9-24.9)	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	30.0 (23.6-36.5)	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.	34.9 (27.7-42.1)	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.	73.2 (65.0-81.3)	78.3 (77.5-79.2)
Never Sigmoidoscopy	Respondents age 50 and older who reported never having had a sigmoidoscopy or colonoscopy	45.0 (35.1-55.0)	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.	57.1 (47.9-66.2)	55.0 (54.0-56.1)
DIABETES			
Diabetes Diagnosis	Respondents who reported ever having been told by a doctor that they had diabetes.	5.0 (2.7- 7.4)	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	77.4 (71.0-83.7)	78.4 (77.7-79.1)

Trail County Community Health Profile

ADULT BEHAVIORAL RISK FACTORS, 2001-2010

	GENERAL HEALTH	Trail County %	North Dakota %
Fair or Poor Health	Respondents who reported that their general health was fair or poor	10.0 (7.3-12.6)	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	10.5 (7.5-13.5)	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	8.3 (5.3-11.2)	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.	4.0 (2.2- 5.9)	5.7 (5.4- 6.0)
Any Activity Limitation	Respondents who reported being limited in any way due to physical, mental or emotional problem.	18.7 (15.1-22.4)	16.0 (15.6-16.5)
HEALTH CARE ACCESS			
Health Insurance	Respondents who reported not having any form or health care coverage	8.1 (5.0-11.1)	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.	3.9 (1.8- 6.1)	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.	18.3 (13.8-22.9)	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.	24.8 (19.2-30.3)	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	23.8 (15.4-32.2)	28.6 (27.6-29.6)
Pneumococcal Vaccine	Respondents age 65 or older who reported never having had a pneumonia shot.	18.3 (10.7-25.9)	30.0 (28.9-31.0)
INJURY			
Fall	Respondents 45 years and older who reported that they had fallen in the past 3 months	13.5 (7.3-19.7)	15.5 (14.7-16.2)
Seat Belt	Respondents who reported not always wearing their seatbelt	51.0* (42.3-59.6)	41.9 (40.9-42.9)

Trail County Community Health Profile

ADULT BEHAVIORAL RISK FACTORS, 2001-2010

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	ORAL HEALTH	Trail County %	North Dakota %
Dental Visit	Respondents who reported that they have not had a dental visit in the past year	26.2 (19.9-32.4)	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.	19.3 (14.2-24.5)	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	56.2 (49.0-63.5)	50.5 (49.7-51.4)
No Leisure Physical Activity	Respondents who reported that they participated in no leisure time physical activity	7.4 (3.1-11.6)	6.9 (6.5- 7.4)
TOBACCO			
Current Smoking	Respondents who reported that they smoked every day or some days	12.6 (9.1-16.1)	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	27.2 (18.3-36.2)	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)

Trail 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

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Trail County							
	2006	2007	2008	2009	2010	5 year	5-Year Rate
Murder	0	0	0	0	0	0	0.0
Rape	3	1	1	0	0	5	12.4
Robbery	0	0	0	1	0	1	2.5
Aggrevated Assault	0	6	0	0	0	6	14.9
Violent crime	3	7	1	1	0	12	29.8
Burglary	23	9	9	9	16	66	164.2
Larceny	47	15	18	26	27	133	330.8
Motor vehicle theft	11	7	12	6	8	44	109.4
Property crime	81	31	39	41	51	243	604.4
Total	84	38	40	42	51	255	634.2
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
Aggrevated 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

Trail 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	Trail County	North Dakota
Children Ages 3 to 4 in Head Start (Percent of eligible 3 to 4 year olds)*	47 (87)	2,607 (65)
Enrolled in Special Education Ages 3-21 (Percent of persons ages 3-21)	172 (13)	13,170 (14)
High School Dropouts (Dropouts per 1000 persons ages 16-24)	3 (0.7)	701 (2.2)
Average ACT Composite Score	21.6	21.5
Average Expenditure per Student in Public School	\$8,604	\$9,812
*Year 2008 data		
Child Indicators: Economic Health 2010	Trail County	North Dakota
TANF Recipients Ages 0-19 (Percent of persons ages 0-19)	30 (1.5)	7,819 (4.7)
SNAP Recipients Ages 0-19 (Percent of all children ages 0-19)	356 (19)	37,553 (24)
Children Receiving Free and Reduced Price Lunches (Percent of total school enrollment)	353 (28)	33,870 (33)
WIC Program Participants	260	24,331
Medicaid Recipients Ages 0-20 (Percent of all persons ages 0-20)	490 (23)	49,110 (27)
Median Income for Families with Children Ages 0-17 *	\$57,904	\$61,035
Children Ages 0-17 Living in Extreme Poverty (Percent of children 0-17 for whom poverty is determined)*	71 (4.0)	10,100 (7.2)
*Year 2009 data		
Child Indicators: Families and Child Care 2010	Trail County	North Dakota
Child Care Providers	23	3,176
Child Care Capacity (Percent of children 0-13)	358 (29)	41478 (38)
Mothers with a Child Ages 0-17 in Labor Force (Percent of all mothers with a child ages 0-17)*	712 (85)	57,059 (82)
Children Ages 0-17 Living in a Single Parent Family (Percent of all children ages 0-17)*	200 (11.1)	30,058 (21)
Children in Foster Care (Percent of children ages 0-18)	40 (2.1)	1,912 (1.2)
Children Ages 0-17 with Suspected Child Abuse or Neglect (Cases per 100 children 0-17)	32 (1.8)	6,399 (4.4)
Children Ages 0-17 Impact by Domestic Violence (Percent of all children ages 0-17)	14 (0.8)	4,180 (2.9)
Births to Mothers with Inadequate Prenatal Care**	NA	389 (4.3)
* Year 2009 data		
Child Indicators: Juvenile Justice 2010	Trail County	North Dakota
Children Ages 0-17 Referred to Juvenile Court (Percent of all children ages 0-17)	29 (3.5)	5,139 (8.1)
Offense Against Person Juvenile Court Referral (Percent of total juvenile court referral)	7 (18)	784 (8.2)
Alcohol-Related Juvenile Court Referral (Percent of all juvenile court referrals)	15 (40)	1,464 (15)