

Rugby, North Dakota - Understanding the Community in Which We Live

Community Profiles Generated for the Northwest Area Foundation Horizons Program to Assist in Understanding Poverty
 Prepared by the North Dakota State Data Center at North Dakota State University, an Equal Opportunity Institution - January 2007

Table 1. Demographic Characteristics

Demographics	Rugby		Pierce County					
	1990	2000	1990	2000	Projections			
					2005	2010	2015	2020
Total population	2,909	2,983	5,052	4,675	4,575	4,579	4,490	4,360
AGE								
Ages 0 to 19	696	754	1,380	1,209	1,121	1,036	952	889
% of total population	23.9	25.3	27.3	25.9	24.5	22.6	21.2	20.4
Ages 65 and Older	925	807	1,223	1,120	1,134	1,220	1,249	1,350
% of total population	31.8	27.1	24.2	24.0	24.8	26.6	27.8	31.0
RACE*								
White	2,906	2,918	5,049	4,605				
% of total population	99.9	97.8	99.9	98.5				
Black	0	12	0	12				
% of total population	0.0	0.4	0.0	0.3				
American Indian or Alaska Native	3	30	3	32				
% of total population	0.1	1.0	0.1	0.7				
Asian, Hawaiian, or Pacific Islander	0	5	0	5				
% of total population	0.0	0.2	0.0	0.1				
Other	0	9	0	9				
% of total population	0.0	0.3	0.0	0.2				
Two or more races	-	9	-	12				
ETHNICITY								
Hispanic Origin of any race	0	0	0	3				
% of total population	0.0	0.0	0.0	0.1				

Note: *Racial reporting procedures changed with Census 2000, allowing persons to report multiple races.

Data Sources: AGE - U.S. Census Bureau, 1990 Census, Summary Tape File 3 (STF3) Table P13, <http://factfinder.census.gov/>; 2000 Census, Summary File 3 (SF3) Table P8, <http://factfinder.census.gov/>; North Dakota State Data Center, North Dakota Population Projections: 2005 to 2020-Including County Distributions by Age and Gender, Issued September 2002, <http://www.ndsu.edu/sdc/data/ndpopulationprojections.htm>. RACE - U.S. Census Bureau, 1990 Census, Summary Tape File 3 (STF3) Table P8; 2000 Census, Summary File 3 (SF3) Table P6. ETHNICITY - U.S. Census Bureau, 1990 Census, Summary Tape File 3 (STF3) Table P10; 2000 Census, Summary File 3 (SF3) Table P7.

- While the city of Rugby experienced slight growth in population between 1990 and 2000, population declined in Pierce County.
- Population projections for Pierce County indicate that population declines are likely to continue over the next two decades.
- The city of Rugby experienced an increase in the proportion of youth under 20 years of age and a decline in the proportion of elderly ages 65 and older between 1990 and 2000. At the same time, Pierce County experienced a decline in the proportion of youth and relatively little change in the proportion of elderly. Projections for Pierce County indicate that this loss of youth will likely continue; however, the proportion of elderly is projected to increase over the next couple decades.
- There was little change in the racial diversity in the city of Rugby and Pierce County between 1990 and 2000. Although the majority of residents were white, the number of American Indians or Alaska Natives increased during this time period.

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Table 2. Housing Characteristics

Housing	Rugby				Pierce County			
	1990		2000		1990		2000	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total housing units	1,369	100.0	1,434	100.0	2,355	100.0	2,269	100.0
Occupied housing units	1,227	89.6	1,291	90.0	1,974	83.8	1,964	86.6
Owner-occupied housing units	822	60.0	835	58.2	1,458	61.9	1,436	63.3
Renter-occupied housing units	405	29.6	456	31.8	516	21.9	528	23.3
Vacant housing units	142	10.4	143	10.0	381	16.2	305	13.4
For rent	64	4.7	36	2.5	73	3.1	57	2.5
For sale only	39	2.8	19	1.3	51	2.2	47	2.1
Rented or sold, not occupied	9	0.7	35	2.4	33	1.4	60	2.6
For seasonal or recreational use	2	0.1	31	2.2	18	0.8	71	3.1
For migrant workers	0	0.0	0	0.0	0	0.0	0	0.0
Other vacant	28	2.0	22	1.5	206	8.7	70	3.1
Median value for specified owner-occupied housing units (2000 inflation adjusted dollars)	\$50,593		\$67,600		\$45,718		\$62,300	
Median year housing structure built (all housing units)	1965		1964		1957		1959	
Median price asked for specified vacant-for-sale-only housing units (dollars)	NA		\$27,500		NA		\$17,300	

Notes: "\$10,000-" indicates that the median falls below \$10,000. For 1990 data, occupied and vacant housing units may not sum to total housing units due to two different data sets used to collect 1990 data; see Data Sources. The 1990 median values for owner-occupied housing units are inflated to their 2000 values using the consumer price index. NA indicates that data are not available.

Data Sources: U.S. Census Bureau, 1990 Census, Summary Tape File 3 (STF3) Tables H1, H8, H61A, and H25A, Summary Tape File 1 (STF1) Table H5, <http://factfinder.census.gov/>; 2000 Census, Summary File 3 (SF3) Tables H1, H7, H8, H76, H37, and H88, <http://factfinder.census.gov/>.

- While the city of Rugby experienced a slight increase in total housing units between 1990 and 2000, total housing units in Pierce County declined slightly. In 2000, 63 percent of housing units in Pierce County and 58 percent in Rugby were owner-occupied.
- Though little change occurred in the number of vacant housing units in the city of Rugby between 1990 and 2000, Pierce County saw a decline in vacant housing. In 2000, vacant housing comprised 10 percent of all housing in Rugby and 13 percent in Pierce County.
- In 2000, the median value of an owner-occupied home in the city of Rugby was \$67,600, compared to \$62,300 in Pierce County.
- In 2000, half of all housing units in the city of Rugby were built before 1964; half of all housing units in Pierce County were built before 1959.

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Table 3. Income and Poverty Characteristics

Income and Poverty	Rugby		Pierce County	
	1990	2000	1990	2000
Median household income (2000 inflation adjusted dollars)	\$27,145	\$25,482	\$26,635	\$26,524
Per capita income (2000 inflation adjusted dollars)	\$13,179	\$14,380	\$11,848	\$14,055
Persons for whom poverty is determined	2,688	2,867	4,828	4,559
Living below poverty	317	394	768	571
% of all persons	11.8	13.7	15.9	12.5
Ages 0 to 17 below poverty	59	86	234	142
% of all persons below poverty	18.6	21.8	30.5	24.9
Ages 65 and older below poverty	139	134	188	172
% of all persons below poverty	43.8	34.0	24.5	30.1

Note: The 1990 median household income and per capita income values are inflated to their 2000 values using the consumer price index.
Data Sources: U.S. Census Bureau, 1990 Census, Summary Tape File 3 (STF3) Tables P80A, P114A, and P117, <http://factfinder.census.gov/>; 2000 Census, Summary File 3 (SF3) Tables P53, P82, and P87, <http://factfinder.census.gov/>.

- The median household income in the city of Rugby was \$25,482 in 2000, compared to \$26,524 in Pierce County. When the 1990 median values are adjusted for inflation, the 2000 median household incomes represent a decline in purchasing power for both the city of Rugby and Pierce County.
- While the proportion of impoverished residents increased in the city of Rugby between 1990 and 2000, the proportion declined in Pierce County. In 2000, 14 percent of residents in Rugby and 13 percent in Pierce County were impoverished.
- The number of impoverished elderly declined slightly in both the city of Rugby and Pierce County between 1990 and 2000. At the same time, the number of impoverished children increased in the city of Rugby and declined in Pierce County. In 2000, children comprised 25 percent of all impoverished residents in Pierce County and 22 percent in the city of Rugby. Elderly comprised 30 percent of all impoverished residents in Pierce County and 34 percent in the city of Rugby in 2000.

Table 4. Religious Congregation and Membership Characteristics

Religion	Rugby		Pierce County	
	1990	2000	1990	2000
Number of churches, synagogues, mosques, and temples	NA	NA	17	16
Full-time members	NA	NA	1,584	1,473
Number of attendees	NA	NA	NA	689

Note: NA indicates that data are not available for this geography.
Data Sources: "Religious Congregations and Membership in the United States 2000: An Enumeration by Region, State, and County Based on Data Reported by 49 Religious Bodies." Nashville, TN: Glenmary Research Center, 2002; "Churches and Church Membership in the United States 1990: An Enumeration by Region, State, and County Based on Data Reported for 133 Church Groupings." Atlanta, GA: Glenmary Research Center, 1992.

- The number of churches, synagogues, mosques, and temples in Pierce County declined by one between 1990 and 2000 and the number of full-time members declined as well. These declines may be a reflection of the overall population loss the county experienced during the same time period.

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Table 5. Health Characteristics

Health	Pierce County			
	2002	2003	2004	2005
Total resident births	41	46	38	44
Birth rate (births per 1,000 persons)	8.77	9.84	8.13	9.41
Births to teenage mothers	NR	NR	NR	NR
Total resident deaths	72	64	59	80
Death rate (deaths per 1,000 persons)	15.40	13.69	12.62	17.11
Deaths due to suicide	0	NR	0	NR
Deaths due to cancer	15	13	19	18
Deaths due to heart disease	22	15	15	17
Foster care placements	2	4	4	0

Note: NR - Data are not reported for geographies where the number of events is five or less.

Data Sources: BIRTHS and DEATHS - Calendar year data. North Dakota Department of Health, Vital Records, <http://www.vitalnd.com/>. FOSTER CARE - Fiscal year data. North Dakota Department of Human Services, Children and Family Services Division, unpublished data.

- Pierce County reported 44 births in 2005, a rate of 9.41 per 1,000 persons. This rate was up from 8.13 in 2004.
- Pierce County reported 80 deaths in 2005, up from 59 in 2004. Major contributors to death were heart disease and cancer.
- The number of foster care placements declined over the past few years in Pierce County. In 2005, there were no foster care placements in Pierce County, down from four in 2004.

Table 6. Labor Force Characteristics

Labor Force	Rugby		Pierce County	
	1990	2000	1990	2000
Persons 16 years and older	2,338	2,373	3,951	3,715
In the labor force	1,232	1,297	2,220	2,174
Armed Forces	6	0	6	0
Civilian employed	1,156	1,249	2,103	2,085
Civilian unemployed	70	48	111	89
Unemployment rate (unemployed as a % of civilian labor force)	5.7	3.7	5.0	4.1
Not in the labor force	1,106	1,076	1,731	1,541

Data Sources: U.S. Census Bureau, 1990 Census, Summary Tape File 3 (STF3) Table P70, <http://factfinder.census.gov/>; 2000 Census, Summary File 3 (SF3) Table P43, <http://factfinder.census.gov/>.

- The city of Rugby experienced a slight increase in the labor force between 1990 and 2000, while Pierce County experienced a slight decline.
- The unemployment rate declined slightly for both the city of Rugby and Pierce County between 1990 and 2000.

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Table 7. Employment Characteristics

Employment	Rugby				Pierce County			
	1990		2000		1990		2000	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total employed (in civilian labor force)	1,156	100.0	1,249	100.0	2,103	100.0	2,085	100.0
GENDER								
Females	580	50.2	617	49.4	964	45.8	967	46.4
Males	576	49.8	632	50.6	1,139	54.2	1,118	53.6
INDUSTRY								
Agriculture, forestry, mining	11	1.0	43	3.4	422	20.1	343	16.5
Manufacturing	81	7.0	66	5.3	93	4.4	79	3.8
Retail Trade	225	19.5	151	12.1	340	16.2	191	9.2
Services	540	46.7	646	51.7	770	36.6	912	43.7
Other	299	25.9	343	27.5	478	22.7	560	26.9

Data Sources: U.S. Census Bureau, 1990 Census, Summary Tape File 3 (STF3) Tables P70 and P77, <http://factfinder.census.gov/>; 2000 Census, Summary File 3 (SF3) Tables P43 and P49, <http://factfinder.census.gov/>.

- While the city of Rugby experienced an increase in total employment between 1990 and 2000, Pierce County saw a slight decline in employment.
- The gender distribution of employment in the city of Rugby and Pierce County remained relatively unchanged between 1990 and 2000. In 2000, females comprised 49 percent of all employed in Rugby and 46 percent of all employed in Pierce County.
- Both the city of Rugby and Pierce County experienced growth in service industry employment and declines in manufacturing and retail trade employment between 1990 and 2000. In 2000, the service sector was the largest industry in both areas, employing 44 percent of workers in Pierce County and 52 percent in Rugby.

Table 8. Educational Attainment Characteristics

Educational Attainment	Rugby				Pierce County			
	1990		2000		1990		2000	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Persons 25 years and older	2,105	100.0	2,120	100.0	3,477	100.0	3,300	100.0
Less than High School								
Less than 9th grade	685	32.5	494	23.3	1,185	34.1	770	23.3
9th to 12th grade, no diploma	530	25.2	338	15.9	878	25.3	518	15.7
High school graduate (or equivalency)	155	7.4	156	7.4	307	8.8	252	7.6
Some college, no degree	498	23.7	617	29.1	933	26.8	988	29.9
College degree	220	10.5	459	21.7	404	11.6	754	22.8
Associate degree	702	33.3	550	25.9	955	27.5	788	23.9
Bachelor's degree	360	17.1	188	8.9	489	14.1	302	9.2
Graduate or professional degree	272	12.9	269	12.7	381	11.0	364	11.0
	70	3.3	93	4.4	85	2.4	122	3.7

Data Sources: U.S. Census Bureau, 1990 Census, Summary Tape File 3 (STF3) Table P57, <http://factfinder.census.gov/>; 2000 Census, Summary File 3 (SF3) Table P37, <http://factfinder.census.gov/>.

- The city of Rugby and Pierce County experienced an increase in the number and proportion of persons ages 25 and older with some college education but no degree between 1990 and 2000.

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Table 9. School District Characteristics

Enrollment, Achievement, and Proficiency	Rugby Public School District			
	2001-2002	2002-2003	2003-2004	2004-2005
Total K-12 enrollment	647	605	587	560
GRADE				
Kindergarten to 6th grade	273	256	255	232
7th to 8th grade	110	114	116	107
9th to 12th grade	264	235	216	221
RACE*				
% White	97.8	96.7	95.7	96.3
% Black	0.5	0.7	1.4	0.9
% American Indian	1.1	1.7	1.7	1.8
% Asian	0.2	0.5	1.2	0.7
% Hispanic	0.5	0.5	0.0	0.4
High school graduation rate	97.2	93.2	96.3	81.7
High school dropouts	0	4	2	3
Student to classroom teacher ratio	18.6	17.6	17.1	16.8
% of students who scored at the proficient or advanced achievement level in reading	61.6	59.7	76.7	75.4
% of students who scored at the proficient or advanced achievement level in math	55.3	43.4	59.3	72.8

Notes: *The North Dakota Department of Public Instruction classifies Hispanic origin as a separate race, not as an ethnic origin of any race. NA indicates that data are not available.
 Data Sources: Academic year data. North Dakota Department of Public Instruction, North Dakota School District Profiles, <http://www.dpi.state.nd.us/dpi/reports/Profile/index.shtm>.

- Enrollment within the Rugby Public School District declined over the past few years, from 647 students in 2001-2002 to 560 students in 2004-2005.
- In 2004-2005, 75 percent of students in the Rugby Public School District were proficient or advanced in reading, up from 62 percent in 2001-2002. In addition, 73 percent of students were proficient or advanced in math in 2004-2005, up from 55 percent in 2001-2002.