

Maddock, 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	Maddock		Benson County					
	1990	2000	1990	2000	Projections			
					2005	2010	2015	2020
Total population	610	501	7,198	6,964	7,101	7,329	7,571	7,835
AGE								
Ages 0 to 19	175	81	2,695	2,708	2,726	2,707	2,826	3,006
% of total population	28.7	16.2	37.4	38.9	38.4	36.9	37.3	38.4
Ages 65 and Older	179	217	1,109	961	950	1,078	1,208	1,336
% of total population	29.3	43.3	15.4	13.8	13.4	14.7	16.0	17.1
RACE*								
White	585	499	4,406	3,568				
% of total population	95.9	99.6	61.2	51.2				
Black	0	0	0	2				
% of total population	0.0	0.0	0.0	0.0				
American Indian or Alaska Native	25	2	2,781	3,306				
% of total population	4.1	0.4	38.6	47.5				
Asian, Hawaiian, or Pacific Islander	0	0	2	2				
% of total population	0.0	0.0	0.0	0.0				
Other	0	0	9	4				
% of total population	0.0	0.0	0.1	0.1				
Two or more races	-	0	-	82				
ETHNICITY								
Hispanic Origin of any race	10	0	15	56				
% of total population	1.6	0.0	0.2	0.8				

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.

- Both the city of Maddock and Benson County experienced a decline in population between 1990 and 2000.
- Population projections for Benson County indicate that, despite a decline in population between 1990 and 2000, an increase in population is likely over the next two decades.
- The city of Maddock experienced a decline in the proportion of residents under 20 years of age and an increase in the proportion of residents 65 years and older between 1990 and 2000. Benson County experienced a slight increase in the proportion of youth and a decline in the proportion of elderly during the same time period. Projections for Benson County indicate that the proportion of youth will remain relatively unchanged while the proportion of elderly will increase over the next two decades.
- While nearly all the residents of the city of Maddock were white in 2000, 48 percent of Benson County residents were American Indian or Alaska Native.

Maddock, 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 2. Housing Characteristics

Housing	Maddock				Benson County			
	1990		2000		1990		2000	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total housing units	309	100.0	269	100.0	3,163	100.0	2,932	100.0
Occupied housing units	254	82.2	235	87.4	2,415	76.4	2,328	79.4
Owner-occupied housing units	202	65.4	164	61.0	1,646	52.0	1,590	54.2
Renter-occupied housing units	52	16.8	71	26.4	769	24.3	738	25.2
Vacant housing units	57	18.4	34	12.6	748	23.6	604	20.6
For rent	18	5.8	7	2.6	88	2.8	76	2.6
For sale only	7	2.3	11	4.1	51	1.6	118	4.0
Rented or sold, not occupied	0	0.0	4	1.5	59	1.9	70	2.4
For seasonal or recreational use	8	2.6	8	3.0	201	6.4	160	5.5
For migrant workers	0	0.0	4	1.5	0	0.0	4	0.1
Other vacant	24	7.8	0	0.0	349	11.0	176	6.0
Median value for specified owner-occupied housing units (2000 inflation adjusted dollars)	\$23,715		\$30,300		\$24,374		\$31,100	
Median year housing structure built (all housing units)	1953		1963		1963		1970	
Median price asked for specified vacant-for-sale-only housing units (dollars)	NA		\$10,000-		NA		\$10,000-	

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/>.

- Both the city of Maddock and Benson County experienced declines in the total number of housing units between 1990 and 2000. In 2000, 54 percent of housing units in Benson County and 61 percent in Maddock were owner-occupied.
- Both Maddock and Benson County experienced declines in the total number of vacant housing units between 1990 and 2000. In 2000, vacant housing comprised 13 percent of all housing in Maddock and 21 percent in Benson County.
- In 2000, the median value of an owner-occupied home in the city of Maddock was \$30,300. Similarly, the median value in Benson County was \$31,100.
- In 2000, half of all housing units in Maddock were built before 1963; half of all housing units in Benson County were built before 1970.

Maddock, 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 3. Income and Poverty Characteristics

Income and Poverty	Maddock		Benson County	
	1990	2000	1990	2000
Median household income (2000 inflation adjusted dollars)	\$26,248	\$23,636	\$22,289	\$26,688
Per capita income (2000 inflation adjusted dollars)	\$11,997	\$15,662	\$9,200	\$11,509
Persons for whom poverty is determined	587	460	7,110	6,842
Living below poverty	121	60	2,251	1,992
% of all persons	20.6	13.0	31.7	29.1
Ages 0 to 17 below poverty	53	6	1,022	958
% of all persons below poverty	43.8	10.0	45.4	48.1
Ages 65 and older below poverty	27	23	203	154
% of all persons below poverty	22.3	38.3	9.0	7.7

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 Maddock was \$23,636 in 2000, compared to \$26,688 in Benson County. When the 1990 median values are adjusted for inflation, the 2000 median household incomes represent a decline in purchasing power for the city of Maddock and an increase in purchasing power for Benson County.
- The city of Maddock and Benson County experienced declines in the number and proportion of persons living below poverty between 1990 and 2000. Nonetheless, 29 percent of residents in Benson County and 13 percent in Maddock were impoverished in 2000.
- The number of impoverished children declined significantly in the city of Maddock between 1990 and 2000. Declines in both impoverished children and impoverished elderly were also seen in Benson County; however, not as significant. In Benson County, children comprised 48 percent of all impoverished residents and elderly comprised only 8 percent of impoverished residents in 2000. Conversely, in the city of Maddock, children comprised 10 percent of impoverished residents and elderly comprised 38 percent of all impoverished residents in 2000.

Table 4. Religious Congregation and Membership Characteristics

Religion	Maddock		Benson County	
	1990	2000	1990	2000
Number of churches, synagogues, mosques, and temples	NA	NA	34	33
Full-time members	NA	NA	2,279	2,028
Number of attendees	NA	NA	NA	768

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 Benson County saw little change between 1990 and 2000 and the number of full-time members declined slightly. This decline may be a reflection of the overall population loss the county experienced during the same time period.

Maddock, 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 5. Health Characteristics

Health	Benson County			
	2002	2003	2004	2005
Total resident births	134	145	147	153
Birth rate (births per 1,000 persons)	19.24	20.82	21.11	21.97
Births to teenage mothers	29	21	29	31
Total resident deaths	67	73	60	67
Death rate (deaths per 1,000 persons)	9.62	10.48	8.62	9.62
Deaths due to suicide	NR	NR	NR	0
Deaths due to cancer	10	9	11	20
Deaths due to heart disease	18	20	11	14
Foster care placements	89	99	80	87

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.

- Benson County reported 153 births in 2005, a rate of 21.97 per 1,000 persons. This rate was up from 19.24 in 2002.
- The number of reported deaths fluctuated over the past few years in Benson County. In 2005, resident deaths totaled 67 in Benson County. Major contributors to death were heart disease and cancer.
- In 2005, the number of foster care placements for Benson County was 87, up from 80 in 2004, but down from 99 in 2003.

Table 6. Labor Force Characteristics

Labor Force	Maddock		Benson County	
	1990	2000	1990	2000
Persons 16 years and older	465	432	4,919	4,746
In the labor force	230	177	2,665	2,731
Armed Forces	0	0	2	6
Civilian employed	198	161	2,372	2,372
Civilian unemployed	32	16	291	353
Unemployment rate (unemployed as a % of civilian labor force)	13.9	9.0	10.9	13.0
Not in the labor force	235	255	2,254	2,015

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 Maddock experienced a slight decline in the labor force between 1990 and 2000; however, this could be due to the decline in persons 16 years of age and older during this same time period. Benson County's labor force grew despite the decline in the number of persons 16 years of age and older.
- The unemployment rate declined for the city of Maddock between 1990 and 2000 and increased slightly for Benson County.

Maddock, 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 7. Employment Characteristics

Employment	Maddock				Benson County			
	1990		2000		1990		2000	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total employed (in civilian labor force)	198	100.0	161	100.0	2,372	100.0	2,372	100.0
GENDER								
Females	82	41.4	59	36.6	958	40.4	1,098	46.3
Males	116	58.6	102	63.4	1,414	59.6	1,274	53.7
INDUSTRY								
Agriculture, forestry, mining	20	10.1	15	9.3	638	26.9	374	15.8
Manufacturing	27	13.6	19	11.8	302	12.7	209	8.8
Retail Trade	46	23.2	17	10.6	252	10.6	182	7.7
Services	56	28.3	76	47.2	638	26.9	1,031	43.5
Other	49	24.7	34	21.1	542	22.8	576	24.3

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/>.

- Total employment declined slightly between 1990 and 2000 in the city of Maddock, while employment remained unchanged in Benson County.
- The percentage of employment that was female declined in the city of Maddock and increased in Benson County between 1990 and 2000. In 2000, females comprised 37 percent of all employed in Maddock and 47 percent of all employed in Benson County.
- Both the city of Maddock and Benson County experienced growth in service industry employment between 1990 and 2000. In addition, both areas experienced declines in agricultural, manufacturing, and retail trade employment during this time. In 2000, the service sector was the largest industry in both areas, employing 44 percent of workers in Benson County and 47 percent in Maddock.

Table 8. Educational Attainment Characteristics

Educational Attainment	Maddock				Benson County			
	1990		2000		1990		2000	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Persons 25 years and older	430	100.0	413	100.0	4,130	100.0	3,902	100.0
Less than High School	158	36.7	126	30.5	1,431	34.6	1,023	26.2
Less than 9th grade	109	25.3	68	16.5	804	19.5	383	9.8
9th to 12th grade, no diploma	49	11.4	58	14.0	627	15.2	640	16.4
High school graduate (or equivalency)	113	26.3	130	31.5	1,350	32.7	1,177	30.2
Some college, no degree	64	14.9	90	21.8	635	15.4	893	22.9
College degree	95	22.1	67	16.2	714	17.3	809	20.7
Associate degree	57	13.3	17	4.1	333	8.1	383	9.8
Bachelor's degree	32	7.4	42	10.2	325	7.9	345	8.8
Graduate or professional degree	6	1.4	8	1.9	56	1.4	81	2.1

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/>.

- Between 1990 and 2000, the city of Maddock and Benson County experienced an increase in the proportion of persons 25 and older with some college education but no degree. During the same time period, Benson County also experienced an increase in the proportion of persons 25 and older with a college degree.

Maddock, 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 9. School District Characteristics

Enrollment, Achievement, and Proficiency	Maddock Public School District			
	2001-2002	2002-2003	2003-2004	2004-2005
Total K-12 enrollment	221	228	213	205
GRADE				
Kindergarten to 6th grade	104	107	105	99
7th to 8th grade	42	39	34	30
9th to 12th grade	75	82	74	76
RACE*				
% White	99.1	97.4	97.7	98.5
% Black	0.0	0.0	0.0	0.0
% American Indian	0.9	2.6	0.5	1.5
% Asian	0.0	0.0	0.0	0.0
% Hispanic	0.0	0.0	1.9	0.0
High school graduation rate	100.0	100.0	94.4	100.0
High school dropouts	0	0	1	1
Student to classroom teacher ratio	13.4	15.7	15.1	14.4
% of students who scored at the proficient or advanced achievement level in reading	66.7	70.7	69.6	70.0
% of students who scored at the proficient or advanced achievement level in math	41.7	52.3	52.9	62.8

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 Maddock Public School District showed a modest decline over the past few years, from 228 students in 2002-2003 to 205 students in 2004-2005.
- In 2004-2005, 70 percent of students in the Maddock Public School District were proficient or advanced in reading, up from 67 percent in 2001-2002. In addition, 63 percent of students were proficient or advanced in math in 2004-2005, up from 42 percent in 2001-2002.