Nelson Griggs District Health Unit

Community Health Profile

Authors:

Tracy K. Miller, PhD, MPH
State Epidemiologist

Kodi Pinks, MPH
Epidemiologist

Tara Haugen
Epidemiologist

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Data Sources

The Demographic Section of this report comes from the US Census Bureau (www.census.gov). Most tables are derived either from the Census estimates for 2015 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. 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).

The Vital Statistics Section of this report comes from the birth and death records collected by the North Dakota Department of Health Vital Records. This data is 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.

The Adult Behavioral Risk Factor Section of this report is derived from the North Dakota Department of Health's Behavioral Risk Factor Surveillance Survey. The aggregated data (the number of years specified is in the table) is continuously collected by telephone survey from persons 18 years and older, residing in North Dakota. All data is self-reported data.

Data presented in the Crime section of this report is collected from the North Dakota Attorney General website located at: www.ag.nd.gov/Reports/BCIReports/CrimeHomicide/CrimeHomicide.htm.

Data presented in the Child Health Indicators section of this report is collected from the Kids Count Data Center website located at: www.datacenter.kidscount.org.

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- ND Department of Commerce – Oil wells
    www.commerce.nd.gov/news/MediaGallery/
- ND Tourism Division – All other photos
    www.ndtourism.com/

Table 1

Population by Age Group, 2016 Census Estimates				
Age Group	NGDHU		North Dakota	
	Number	Percent	Number	Percent
0-9	526	10.0%	105,035	13.9%
10-19	524	10.0%	93,820	12.4%
20-29	443	8.5%	127,579	16.8%
30-39	469	9.0%	101,492	13.4%
40-49	469	9.0%	79,632	10.5%
50-59	812	15.5%	95,466	12.6%
60-69	910	17.4%	80,159	10.6%
70-79	602	11.5%	41,996	5.5%
80+	482	9.2%	32,773	4.3%
Total	5,237	100.0%	757,952	100.0%
0-17	948	18.1%	176,311	23.3%
65+	1,528	29.2%	109,999	14.5%

Table 2

Female Population and Percentage Female by Age, 2016 Census Estimates				
Age Group	NGDHU		North Dakota	
	Number	Percent	Number	Percent
0-9	249	9.8%	51,145	13.9%
10-19	249	9.8%	45,349	12.3%
20-29	196	7.7%	58,619	15.9%
30-39	207	8.1%	47,001	12.7%
40-49	229	9.0%	37,992	10.3%
50-59	392	15.4%	46,809	12.7%
60-69	428	16.8%	39,397	10.7%
70-79	293	11.5%	22,236	6.0%
80+	304	11.9%	20,430	5.5%
Total	2,546	100.0%	368,978	100.0%
0-17	452	17.8%	85,921	23.3%
65+	806	31.7%	60,025	16.3%

Table 3

Race Distribution, 5 Year Estimates (2012-2016)				
Race	NGDHU		North Dakota	
	Number	Percent	Number	Percent
Total	5,343	100.0%	736,162	100.0%
White	5,208	97.5%	649,730	88.3%
Black	53	1.0%	14,761	2.0%
Am. Indian	41	0.8%	38,369	5.2%
Asian	0	0.0%	9,296	1.3%
Pac. Islander	0	0.0%	336	0.0%
Other	4	0.1%	5,691	0.8%
Multi-race	37	0.7%	17,979	2.4%

Table 4

Household Populations, 2011 ACS Five Year Estimates

	NGDHU		North Dakota	
	Number	Percent	Number	Percent
Total	5,549	100.0%	666,783	100.0%
In Family Households	4,238	76.4%	509,097	76.4%
In Non-Family Households	1,117	20.1%	132,651	19.9%
Total In Households	5,355	96.5%	641,748	96.2%
Institutionalized*	127	2.3%	9,675	1.5%
Non-institutionalized*	67	1.2%	15,360	2.3%
Total in Group Quarters	194	3.5%	25,035	3.8%

Table 5

Population Change 2000-2015

Census	NGDHU	5 Year Change (%)	North Dakota	5 Year Change (%)
2000	6,469		642,200	
2005	5,849	-9.6%	636,677	-0.9%
2010	5,546	-5.2%	674,530	5.9%
2015	5,284	-4.7%	756,927	12.2%

Table 6

Marital Status of Persons Age 15 and Older, 2016 ACS Five Year Estimates

Marital Status	NGDHU		North Dakota	
	Number	Percent	Number	Percent
Total Age 15+	4,564	100.0%	594,068	100.0%
Never Married	846	18.5%	189,508	31.9%
Now Married	2,784	61.0%	308,915	52.0%
Separated	22	0.5%	5,347	0.9%
Widowed	463	10.1%	33,862	5.7%
Divorced	452	9.9%	56,436	9.5%

Table 7

Educational Attainment Among Persons 25+, 2016 ACS Five Year Estimates

Education	NGDHU		North Dakota	
	Number	Percent	Number	Percent
Total	4,044	100.0%	477,607	100.0%
Less Than 9th Grade	176	4.4%	16,846	3.5%
Some High School	231	5.7%	21,188	4.4%
High School or GRE	1,318	32.6%	131,086	27.4%
Some College/Assoc. Degree	1,519	37.6%	173,933	36.4%
Bachelor's Degree	693	17.1%	97,890	20.5%
Post Graduate Degree	107	2.6%	36,664	7.7%

POPULATION DATA

Table 8

Persons with Disability, 2016 ACS Five Year Estimates

Group	NGDHU Number	NGDHU Percent	North Dakota Number	North Dakota Percent
Total	5,164	100.0%	720,312	100.0%
Any Disability	708	13.7%	77,651	10.8%
No Disability	4,456	86.3%	642,661	89.2%
Self Care Disability	83	1.6%	11,469	1.7%
0-17 with Any Disability	48	6.8%	5,618	7.2%
18-64 with Any Disability	219	30.9%	38,310	49.3%
65+ with Any Disability	441	62.3%	33,723	43.4%

Table 9

Income and Poverty Status by Age Group, 2016 ACS Five Year Estimates

	NGDHU	North Dakota
Median Household Income	NA	$59,114
Per Capita Income	NA	$33,107

	Number	Percent	Number	Percent
Below Poverty Level	414	8.0%	79,314	11.2%
Under 5 years	18	4.3%	7,618	9.6%
5 to 11 years	49	11.8%	8,423	10.6%
12 to 17 years	33	8.0%	5,349	6.7%
18 to 64 years	173	41.8%	48,969	61.7%
65 to 74 years	49	11.8%	3,532	4.5%
75 years and over	92	22.2%	5,423	6.8%

Table 10

Family Poverty and Childhood and Elderly Poverty, 2016 ACS Five Year Estimates

	NGDHU Number	NGDHU Percent	North Dakota Number	North Dakota Percent
Total Families	1,562	100.0%	183,466	100.0%
Families in Poverty	76	4.9%	12,659	6.9%
Families with Own Children	545	34.9%	84,714	46.2%
Families with Own Children in Poverty	40	2.6%	9,912	5.4%
Families with Own Children and Female Parent Only	95	6.1%	23,496	28.0%
Families with Own Children and Female Parent Only in Poverty	16	1.0%	8,881	4.9%
Total Known Children in Poverty	100	10.5%	21,390	12.1%
Total Known Age 65+ in Poverty	141	9.2%	8,955	8.1%

- Percent family poverty is percent of total families

Table 11

Age of Housing, 2016 ACS Five Year Estimates

	NGDHU Number	NGDHU Percent	North Dakota Number	North Dakota Percent
Housing Units: Total	3,321	100.0%	350,134	100.0%
1980 and Later	467	14.1%	149,657	42.7%
1970 to 1979	599	18.0%	67,069	19.2%
Prior to 1970	2,255	67.9%	133,408	38.1%

Vital Statistics Data

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.

Table 12

Births, 2012-2016	NGDHU		North Dakota	
	Number	Rate or Ratio	Number	Rate or Ratio
Live Births and Rate	247	7.6	54,644	16.3
Pregnancies and Rate	255	7.9	59,226	17.6
Fertility Rate	77.9		84.6	
Teen Births and Rate	NA		2,715	23.8
Teen Pregnancies and Rate	NA		3,263	28.6
Out of Wedlock Births and Ratio	NA		17,518	320.6
Out of Wedlock Pregnancies and Ratio	NA		21,289	359.5
Low Birth Weight Birth and Ratio	NA		3,448	63.1

Table 13

Child Deaths, 2012-2016	NGDHU		North Dakota	
	Number	Rate or Ratio	Number	Rate or Ratio
Infant Deaths and Ratio	NA		299	5.5
Child and Adolescent Deaths and Rate	3	57.1	235	28.8
Total Deaths and Crude Rate	474	1,465.5	30,152	896.6

Table 14

Deaths and Age Adjusted Death Rate by Cause, 2012-2016	NGDHU		North Dakota	
	Number	Adj. Rate	Number	Adj. Rate
All Causes	474	1,083.4	30,303	674.8
Heart Disease	120	128.2	6,571	140.3
Cancer	101	115.6	6,215	142.1
Stroke	35	33.3	1,546	31.9
Alzheimer's Disease	47	45.8	2,130	41.2
COPD	29	25.7	1,623	35.2
Unintentional Injury	22	44.3	1,764	45.9
Diabetes Mellitus	8	9.1	908	20.6
Pneumonia and Influenza	15	14.0	791	16.5
Cirrhosis	7	17.2	429	11.6
Suicide	3	14.2	630	18.4
Hypertension	NA		467	9.5

Vital Statistics Data

BIRTHS AND DEATHS

Table 15

Age	Leading Causes of Death by Age Group for NGDH, 2012-2016		
	1	2	3
0-4	Perinatal Condition*	No Reported Deaths	
5-14	Unintentional Injury*	No Reported Deaths	
15-24	No Reported Deaths		
25-34	Suicide*	Unintentional Injury*	Diseases of the Heart*
35-44	Unintentional Injury*	Cirrhosis*	No Reported Deaths
45-54	Cancer*	Diseases of the Heart*	Unintentional Injury*
55-64	Cancer 15	Diseases of the Heart 6	Unintentional Injury*
65-74	Cancer 22	Diseases of the Heart 11	COPD 8
75-84	Cancer 32	Diseases of the Heart 21	COPD 12
85+	Diseases of the Heart 79	Alzheimer's Disease 38	Cancer 27

Table 16

Age	Leading Causes of Death by Age Group for North Dakota, 2012-2016		
	1	2	3
0-4	Congenital Anomaly 53	Prematurity 50	Sudden Infant Death 45
5-14	Unintentional Injury 21	Suicide 6	Homicide*
15-24	Unintentional Injury 191	Suicide 127	Cancer 16
25-34	Unintentional Injury 211	Suicide 125	Diseases of the Heart 50
35-44	Unintentional Injury 184	Suicide 107	Diseases of the Heart 99
45-54	Cancer 350	Diseases of the Heart 282	Unintentional Injury 210
55-64	Cancer 1,094	Diseases of the Heart 646	Unintentional Injury 192
65-74	Cancer 1,563	Diseases of the Heart 902	COPD 348
75-84	Cancer 1,793	Diseases of the Heart 1,441	COPD 565
85+	Diseases of the Heart 3,141	Alzheimer's Disease 1,566	Cancer 1,261

*Numbers less than six will not be listed.