

# Southwestern District Health Unit

## *Community Health Profile*

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# TABLE OF CONTENTS

Data Sources.....	i
Photograph Credits.....	i
<b>POPULATION DATA</b>	
Table 1: Population by Age Group.....	1
Table 2: Female Population and Percentage Female by Age.....	1
Table 3: Race.....	1
Table 4: Household Populations.....	2
Table 5: Population Change.....	2
Table 6: Marital Status of Persons Age 15 and Older.....	2
Table 7: Educational Attainment Among Persons 25+.....	2
Table 8: Persons with Disability.....	3
Table 9: Income and Poverty Status by Age Group.....	3
Table 10: Family Poverty and Childhood and Elderly Poverty.....	3
Table 11: Age of Housing.....	3
<b>VITAL STATISTICS DATA</b>	
Birth and Deaths Definitions.....	4
Table 12: Births.....	5
Table 13: Child Deaths.....	5
Table 14: Deaths and Age Adjusted Death Rate by Cause.....	5
Table 15: Leading Causes of Death by Age Group for Southwestern District.....	6
Table 16: Leading Causes of Death by Age Group for North Dakota.....	6



## Data Sources

The Demographic Section of this report comes from the US Census Bureau ([www.census.gov](http://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](http://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](http://www.datacenter.kidscount.org).

## Photography Credits

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## POPULATION DATA

Table 1

Age Group	SDHU		North Dakota	
	Number	Percent	Number	Percent
0-9	6,074	13.7%	105,035	13.9%
10-19	5,196	11.7%	93,820	12.4%
20-29	6,870	15.4%	127,579	16.8%
30-39	5,621	12.6%	101,492	13.4%
40-49	4,741	10.7%	79,632	10.5%
50-59	6,309	14.2%	95,466	12.6%
60-69	4,604	10.4%	80,159	10.6%
70-79	2,613	5.9%	41,996	5.5%
80+	2,441	5.5%	32,773	4.3%
Total	44,469	100.0%	757,952	100.0%
0-17	10,201	22.9%	176,311	23.3%
65+	6,994	15.7%	109,999	14.5%

Table 2

Age Group	SDHU		North Dakota	
	Number	Percent	Number	Percent
0-9	2,989	13.9%	51,145	13.9%
10-19	2,532	11.8%	45,349	12.3%
20-29	3,045	14.2%	58,619	15.9%
30-39	2,550	11.9%	47,001	12.7%
40-49	2,237	10.4%	37,992	10.3%
50-59	3,036	14.1%	46,809	12.7%
60-69	2,213	10.3%	39,397	10.7%
70-79	1,343	6.3%	22,236	6.0%
80+	1,539	7.2%	20,430	5.5%
Total	21,484	100.0%	368,978	100.0%
0-17	5,007	23.3%	85,921	23.3%
65+	3,859	18.0%	60,025	16.3%

Table 3

Race	SDHU		North Dakota	
	Number	Percent	Number	Percent
Total	45,842	100.0%	736,162	100.0%
White	42,315	92.3%	649,730	88.3%
Black	603	1.3%	14,761	2.0%
Am. Indian	838	1.8%	38,369	5.2%
Asian	470	1.0%	9,296	1.3%
Pac. Islander	52	0.1%	336	0.0%
Other	574	1.3%	5,691	0.8%
Multi-race	990	2.2%	17,979	2.4%



## POPULATION DATA

Table 4

	Household Populations, 2011 ACS Five Year Estimates			
	SDHU		North Dakota	
	Number	Percent	Number	Percent
Total	38,652	100.0%	666,783	100.0%
In Family Households	30,661	79.3%	509,097	76.4%
In Non-Family Households	6,619	17.1%	132,651	19.9%
Total In Households	37,280	96.5%	641,748	96.2%
Institutionalized*	799	2.1%	9,675	1.5%
Non-institutionalized*	573	1.5%	15,360	2.3%
Total in Group Quarters	1,372	3.5%	25,035	3.8%

Table 5

Population Change 2000-2015				
Year	SDHU	5 Year Change (%)	North Dakota	5 Year Change (%)
2000	38,365		642,200	
2005	36,389	-5.2%	636,677	-0.9%
2010	38,896	6.9%	674,449	5.9%
2015	48,590	24.9%	756,928	12.2%

Table 6

Marital Status	Marital Status of Persons Age 15 and Older, 2016 ACS Five Year Estimates			
	SDHU		North Dakota	
	Number	Percent	Number	Percent
Total Age 15+	36,534	100.0%	594,068	100.0%
Never Married	9,909	27.1%	189,508	31.9%
Now Married	20,735	56.8%	308,915	52.0%
Separated	288	0.8%	5,347	0.9%
Widowed	2,466	6.8%	33,862	5.7%
Divorced	3,111	8.5%	56,436	9.5%

Table 7

Education	Educational Attainment Among Persons 25+, 2016 ACS Five Year Estimates			
	SDHU		North Dakota	
	Number	Percent	Number	Percent
Total	30,747	100.0%	477,607	100.0%
Less Than 9th Grade	1,298	4.2%	16,846	3.5%
Some High School	1,543	5.0%	21,188	4.4%
High School or GRE	9,633	31.3%	131,086	27.4%
Some College/Assoc. Degree	11,036	35.9%	173,933	36.4%
Bachelor's Degree	5,297	17.2%	97,890	20.5%
Post Graduate Degree	1,940	6.3%	36,664	7.7%

## POPULATION DATA

Table 8

Group	SDHU		North Dakota	
	Number	Percent	Number	Percent
Total	45,035	100.0%	720,312	100.0%
Any Disability	4,838	10.7%	77,651	10.8%
No Disability	40,197	89.3%	642,661	89.2%
Self Care Disability	846	1.9%	11,469	1.7%
0-17 with Any Disability	264	5.5%	5,618	7.2%
18-64 with Any Disability	2,211	45.7%	38,310	49.3%
65+ with Any Disability	2,363	48.8%	33,723	43.4%

Table 9

	SDHU		North Dakota	
	Number	Percent	Number	Percent
Median Household Income	NA		\$59,114	
Per Capita Income	NA		\$33,107	
Below Poverty Level	3,486	7.8%	79,314	11.2%
Under 5 years	349	10.0%	7,618	9.6%
5 to 11 years	274	7.9%	8,423	10.6%
12 to 17 years	93	2.7%	5,349	6.7%
18 to 64 years	1,963	56.3%	48,969	61.7%
65 to 74 years	218	6.3%	3,532	4.5%
75 years and over	589	16.9%	5,423	6.8%

Table 10

	SDHU		North Dakota	
	Number	Percent	Number	Percent
Total Families	11,312	100.0%	183,466	100.0%
Families in Poverty	554	4.9%	12,659	6.9%
Families with Own Children	5,060	44.7%	84,714	46.2%
Families with Own Children in Poverty	372	3.3%	9,912	5.4%
Families with Own Children and Female Parent Only	820	7.2%	23,496	28.0%
Families with Own Children and Female Parent Only in Poverty	323	2.9%	8,881	4.9%
Total Known Children in Poverty	1,004	9.8%	21,390	12.1%
Total Known Age 65+ in Poverty	942	13.5%	8,955	8.1%

Percent family poverty is percent of total families

Table 11

	SDHU		North Dakota	
	Number	Percent	Number	Percent
Housing Units: Total	22,394	100.0%	350,134	100.0%
1980 and Later	8,933	39.9%	149,657	42.7%
1970 to 1979	4,532	20.2%	67,069	19.2%
Prior to 1970	8,929	39.9%	133,408	38.1%

# Vital Statistics Data

## BIRTHS AND DEATHS DEFINITIONS



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.

# Vital Statistics Data

## BIRTHS AND DEATHS

Table 12

	SDHU		North Dakota	
	Number	Rate or Ratio	Number	Rate or Ratio
Live Births and Rate	3,593	18.7	54,644	16.3
Pregnancies and Rate	3,845	20.0	59,226	17.6
Fertility Rate	115.6		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

	SDHU		North Dakota	
	Number	Rate or Ratio	Number	Rate or Ratio
Infant Deaths and Ratio	NA		299	5.5
Child and Adolescent Deaths and Rate	34	77.0	235	28.8
Total Deaths and Crude Rate	1,947	1,015.0	30,152	896.6

Table 14

	SDHU		North Dakota	
	Number	Adj. Rate	Number	Adj. Rate
All Causes	1,947	495.9	30,303	674.8
Heart Disease	489	113.6	6,571	140.3
Cancer	395	97.2	6,215	142.1
Stroke	97	20.3	1,546	31.9
Alzheimer's Disease	124	22.4	2,130	41.2
COPD	99	21.8	1,623	35.2
Unintentional Injury	128	50.4	1,764	45.9
Diabetes Mellitus	56	10.0	908	20.6
Pneumonia and Influenza	38	8.3	791	16.5
Cirrhosis	18	7.6	429	11.6
Suicide	39	20.4	630	18.4
Hypertension	NA		467	9.5



# Vital Statistics Data

## BIRTHS AND DEATHS

Table 15

Leading Causes of Death by Age Group for SDHU, 2012-2016			
Age	1	2	3
0-4	Sudden Infant Death*	Unintentional Injury*	Congenital Anomaly*
5-14	Unintentional Injury*	No Reported Deaths	
15-24	Unintentional Injury 37	Suicide 10	Cancer*
25-34	Unintentional Injury 38	Suicide 7	Cirrhosis*
35-44	Unintentional Injury 28	Suicide 14	Disease of the Heart 8
45-54	Diseases of the Heart 33	Unintentional Injury 27	Cancer 23
55-64	Disease of the Heart 67	Cancer 58	Unintentional Injury 17
65-74	Cancer 100	Diseases of the Heart 58	COPD 24
75-84	Cancer 111	Diseases of the Heart 90	Alzheimer's Disease 33
85+	Diseases of the Heart 168	Cancer 60	Alzheimer's Disease 52

Table 16

Leading Causes of Death by Age Group for North Dakota, 2012-2016			
Age	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.