

Central Valley Health District

Community Health Profile

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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/

POPULATION DATA

Table 1

Population by Age Group, 2016 Census Estimates									
Age Group	Logan County		Stutsman County		CVHD		North Dakota		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
0-9	237	12.2%	2,416	11.4%	2,653	11.5%	105,035	13.9%	
10-19	228	11.7%	2,555	12.1%	2,783	12.1%	93,820	12.4%	
20-29	178	9.2%	2,900	13.7%	3,078	13.3%	127,579	16.8%	
30-39	158	8.1%	2,547	12.1%	2,705	11.7%	101,492	13.4%	
40-49	193	9.9%	2,289	10.8%	2,482	10.8%	79,632	10.5%	
50-59	286	14.7%	3,096	14.7%	3,382	14.7%	95,466	12.6%	
60-69	273	14.1%	2,737	13.0%	3,010	13.0%	80,159	10.6%	
70-79	207	10.7%	1,415	6.7%	1,622	7.0%	41,996	5.5%	
80+	181	9.3%	1,173	5.6%	1,354	5.9%	32,773	4.3%	
Total	1,941	100.0%	21,128	100.0%	23,069	100.0%	757,952	100.0%	
0-17	429	22.1%	4,318	20.4%	4,747	20.6%	176,311	23.3%	
65+	520	26.8%	3,817	18.1%	4,337	18.8%	109,999	14.5%	

Table 2

Female Population and Percentage Female by Age, 2016 Census Estimates									
Age Group	Logan County		Stutsman County		CVHD		North Dakota		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
0-9	103	10.9%	1,264	12.2%	1,367	12.1%	51,145	13.9%	
10-19	128	13.6%	1,233	11.9%	1,361	12.1%	45,349	12.3%	
20-29	86	9.1%	1,310	12.7%	1,396	12.4%	58,619	15.9%	
30-39	68	7.2%	1,146	11.1%	1,214	10.8%	47,001	12.7%	
40-49	91	9.7%	1,042	10.1%	1,133	10.0%	37,992	10.3%	
50-59	125	13.3%	1,498	14.5%	1,623	14.4%	46,809	12.7%	
60-69	130	13.8%	1,347	13.0%	1,477	13.1%	39,397	10.7%	
70-79	109	11.6%	779	7.5%	888	7.9%	22,236	6.0%	
80+	102	10.8%	722	7.0%	824	7.3%	20,430	5.5%	
Total	942	100.0%	10,341	100.0%	11,283	100.0%	368,978	100.0%	
0-17	211	22.4%	2,173	21.0%	2,384	21.1%	85,921	23.3%	
65+	269	28.6%	2,115	20.5%	2,384	21.1%	60,025	16.3%	

Table 3

Race Distribution, 5 Year Estimates (2012-2016)									
Race	Logan County		Stutsman County		CVHD		North Dakota		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Total	1,939	100.0%	21,108	100.0%	23,047	100.0%	736,162	100.0%	
White	1,905	98.2%	19,822	93.9%	21,727	94.3%	649,730	88.3%	
Black	1	0.1%	205	1.0%	206	0.9%	14,761	2.0%	
Am. Indian	7	0.4%	287	1.4%	294	1.3%	38,369	5.2%	
Asian	5	0.3%	104	0.5%	109	0.5%	9,296	1.3%	
Pac. Islander	0	0.0%	18	0.1%	18	0.1%	336	0.0%	
Other	1	0.1%	171	0.8%	172	0.7%	5,691	0.8%	
Multi-race	20	1.0%	501	2.4%	521	2.3%	17,979	2.4%	

POPULATION DATA

Table 4

Household Populations, 2011 ACS Five Year Estimates								
	Logan County		Stutsman County		CVHD		North Dakota	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	1,996	100.0%	20,973	100.0%	22,969	100.0%	666,783	100.0%
In Family Households	1,624	81.4%	15,340	73.1%	16,964	73.9%	509,097	76.4%
In Non-Family Households	287	14.4%	3,904	18.6%	4,191	18.2%	132,651	19.9%
Total In Households	1,911	95.7%	19,244	91.8%	21,155	92.1%	641,748	96.2%
Institutionalized*	72	3.6%	1,042	5.0%	1,114	4.9%	9,675	1.5%
Non-institutionalized*	13	0.7%	687	3.3%	700	3.0%	15,360	2.3%
Total in Group Quarters	85	4.3%	1,729	8.2%	1,814	7.9%	25,035	3.8%

Table 5

Population Change 2000-2015								
Census	Logan County	5 Year Change (%)	Stutsman County	5 Year Change (%)	CVHD	5 Year Change (%)	North Dakota	5 Year Change (%)
2000	2,308		21,908		24,216		642,200	
2005	2,018	-12.6%	20,766	-5.2%	22,784	-5.91%	635,365	-1.1%
2010	1,990	-1.4%	21,100	1.6%	23,090	1.34%	672,591	5.9%
2015	1,933	-2.9%	21,108	0.0%	23,041	-0.21%	754,859	12.2%

Table 6

Marital Status of Persons Age 15 and Older, 2016 ACS Five Year Estimates								
Marital Status	Logan County		Stutsman County		CVHD		North Dakota	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Age 15+	1,643	100.0%	17,566	100.0%	19,209	100.0%	594,068	100.0%
Never Married	307	18.7%	5,235	29.8%	5,542	28.9%	189,508	31.9%
Now Married	1,043	63.5%	8,678	49.4%	9,721	50.6%	308,915	52.0%
Separated	18	1.1%	123	0.7%	141	0.7%	5,347	0.9%
Widowed	177	10.8%	1,282	7.3%	1,460	7.6%	33,862	5.7%
Divorced	97	5.9%	2,248	12.8%	2,345	12.2%	56,436	9.5%

Table 7

Educational Attainment Among Persons 25+, 2016 ACS Five Year Estimates								
Education	Logan County		Stutsman County		CVHD		North Dakota	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	1,456	100.0%	14,564	100.0%	16,020	100.0%	477,607	100.0%
Less Than 9th Grade	157	10.8%	619	4.3%	776	4.8%	16,846	3.5%
Some High School	70	4.8%	852	5.9%	922	5.8%	21,188	4.4%
High School or GRE	606	40.7%	5,014	36.4%	5,620	35.1%	131,086	27.4%
Some College/Assoc. Degree	422	29.0%	4,506	31.0%	4,928	30.8%	173,933	36.4%
Bachelor's Degree	176	12.1%	2,869	19.7%	3,045	19.0%	97,890	20.5%
Post Graduate Degree	25	1.7%	704	4.8%	729	4.6%	36,664	7.7%

POPULATION DATA

Table 8

Persons with Disability, 2016 ACS Five Year Estimates								
Group	Logan County		Stutsman County		CVHD		North Dakota	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	1,863	100.0%	20,195	100.0%	22,058	100.0%	720,312	100.0%
Any Disability	231	12.4%	2,827	14.0%	3,058	13.9%	77,651	10.8%
No Disability	1,632	87.6%	17,368	86.0%	19,000	86.1%	642,661	89.2%
Self Care Disability	22	1.2%	384	2.0%	406	1.8%	11,469	1.7%
0-17 with Any Disability	15	6.5%	111	3.9%	126	4.1%	5,618	7.2%
18-64 with Any Disability	65	28.1%	1,596	56.5%	1,661	54.3%	38,310	49.3%
65+ with Any Disability	151	65.4%	1,120	39.6%	1,271	41.6%	33,723	43.4%

Table 9

Income and Poverty Status by Age Group, 2016 ACS Five Year Estimates								
	Logan County		Stutsman County		CVHD		North Dakota	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Median Household Income	\$55,068		\$53,685		NA		\$59,114	
Per Capita Income	\$33,272		\$30,623		NA		\$33,107	
Below Poverty Level	130	7.0%	2,108	10.8%	2,238	10.5%	79,314	11.2%
Under 5 years	6	4.6%	238	11.3%	244	10.9%	7,618	9.6%
5 to 11 years	2	1.5%	231	11.0%	233	10.4%	8,423	10.6%
12 to 17 years	0	0.0%	215	10.2%	215	9.6%	5,349	6.7%
18 to 64 years	39	30.0%	1,092	51.8%	1,131	50.5%	48,969	61.7%
65 to 74 years	34	26.2%	133	6.3%	167	7.5%	3,532	4.5%
75 years and over	49	37.7%	199	9.4%	248	11.1%	5,423	6.8%

Table 10

Family Poverty and Childhood and Elderly Poverty, 2016 ACS Five Year Estimates								
	Logan County		Stutsman County		CVHD		North Dakota	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Families	557 100.0%		5,196 100.0%		5,753 100.0%		183,466 100.0%	
Families in Poverty	31 5.6%		416 8.0%		447 7.8%		12,659 6.9%	
Families with Own Children	181 32.5%		2,148 41.3%		2,329 40.5%		84,714 46.2%	
Families with Own Children in Poverty	5 0.9%		346 6.7%		351 6.1%		9,912 5.4%	
Families with Own Children and Female Parent Only	9 1.6%		434 8.4%		443 7.7%		23,496 28.0%	
Families with Own Children and Female Parent Only in Poverty	3 0.5%		238 4.6%		241 4.2%		8,881 4.9%	
Total Known Children in Poverty	8 1.9%		684 15.8%		692 14.6%		21,390 12.1%	
Total Known Age 65+ in Poverty	83 16.0%		332 8.7%		415 9.6%		8,955 8.1%	

* Percent family poverty is percent of total families

POPULATION DATA

Table 11

Age of Housing, 2016 ACS Five Year Estimates								
	Logan County		Stutsman County		CVHD		North Dakota	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Housing Units: Total	1,181	100.0%	10,065	100.0%	11,246	100.0%	350,134	100.0%
1980 and Later	229	19.4%	2,690	26.7%	2,919	26.0%	149,657	42.7%
1970 to 1979	299	25.3%	2,168	21.5%	2,467	21.9%	67,069	19.2%
Prior to 1970	653	55.3%	5,207	51.7%	5,860	52.1%	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

	Logan County		Stutsman County		CVHD		North Dakota	
	Number	Rate or Ratio	Number	Rate or Ratio	Number	Rate or Ratio	Number	Rate or Ratio
Live Births and Rate	107	10.8	1,171	11.1	1,263	10.4	54,644	16.3
Pregnancies and Rate	109	11.0	1,264	12.0	1,368	11.3	59,226	17.6
Fertility Rate	97.3		65.8		72.4		84.6	
Teen Births and Rate	NR	NR	67	20.2	NA		2,715	23.8
Teen Pregnancies and Rate	NR	8.0	88	26.5	NA		3,263	28.6
Out of Wedlock Births and Ratio	15	140.2	425	362.9	NA		17,518	320.6
Out of Wedlock Pregnancies and Ratio	17	156.0	497	393.2	NA		21,289	359.5
Low Birth Weight Birth and Ratio	NR	46.7	87	74.3	NA		3,448	63.1

Table 13

	Logan County		Stutsman County		CVHD		North Dakota	
	Number	Rate or Ratio	Number	Rate or Ratio	Number	Rate or Ratio	Number	Rate or Ratio
Infant Deaths and Ratio	NR	9.4	NR	4.3	NA		299	5.5
Child and Adolescent Deaths and Rate	0	0.0	9	38.4	13	50.8	235	28.8
Total Deaths and Crude Rate	144	1,447.2	1,164	1,103.3	1,332	1,100.1	30,152	896.6

Table 14

	Logan County		Stutsman County		CVHD		North Dakota	
	Number	Adj. Rate	Number	Adj. Rate	Number	Adj. Rate	Number	Adj. Rate
All Causes	144	580.4	1,164	563.7	1,332	753.62	30,303	674.8
Heart Disease	41	151.8	250	108.6	295	242.81	6,571	140.3
Cancer	31	124.8	242	123.0	285	241.17	6,215	142.1
Stroke	9	27.3	72	30.3	86	66.86	1,546	31.9
Alzheimer's Disease	13	37.0	71	28.3	95	70.1	2,130	41.2
COPD	6	20.4	56	23.1	69	47.18	1,623	35.2
Unintentional Injury	7	40.6	62	38.0	66	70.31	1,764	45.9
Diabetes Mellitus	7	30.6	49	28.3	56	48.99	908	20.6
Pneumonia and Influenza	NR	3.7	24	11.1	19	17.78	791	16.5
Cirrhosis	NR	6.5	18	11.7	17	23.56	429	11.6
Suicide	NR	41.5	14	13.0	14	23.24	630	18.4
Hypertension	0	0.0	30	12.8	NA		467	9.5

Vital Statistics Data

BIRTHS AND DEATHS

Table 15

Leading Causes of Death by Age Group for CVHD, 2012-2016			
Age	1	2	3
0-4	Congenital Anomaly 29	Prematurity 17	Sudden Infant Death 16
5-14	Unintentional Injury*	No Reported Deaths	
15-24	Unintentional Injury*	Suicide*	Heart*
25-34	Unintentional Injury*	Cancer*	Cerebrovascular Disease*
35-44	Cancer 6	Unintentional Injury*	Suicide*
45-54	Cancer 15	Unintentional Injury 6	Suicide 6
55-64	Cancer 55	Heart 29	Unintentional Injury 10
65-74	Cancer 65	Heart 36	Diabetes 15
75-84	Cancer 74	Heart 64	Alzheimer's Dz 18
85+	Heart 157	Alzheimer's Dz 61	Cancer 56

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	Heart 50
35-44	Unintentional Injury 184	Suicide 107	Heart 99
45-54	Cancer 350	Heart 282	Unintentional Injury 210
55-64	Cancer 1,094	Heart 646	Unintentional Injury 192
65-74	Cancer 1,563	Heart 902	COPD 348
75-84	Cancer 1,793	Heart 1,441	COPD 565
85+	Heart 3,141	Alzheimer's Dz 1,566	Cancer 1,261

*Numbers less than six will not be listed.

ADULT BEHAVIORAL RISK FACTORS DEFINITION

The following three pages represent data received from the Adult Behavioral Risk Factor Surveillance Survey. 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 prevalence's in the two populations.



ADULT BEHAVIORAL RISK FACTORS, 2011-2015

Table 17

		ALCOHOL	Logan County	Stutsman 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.		20.2 (8.9-31.5)	20.3 (16.1-24.6)	24.1 (23.3-24.9)
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.		7.3 (0-15.8)	5.5 (3.2-7.7)	6.7 (6.3-7.2)
Drunk Driving	Respondents who reported driving when they had too much to drink one or more times during the past 30 days.		5.9 (0-13.8)	4.8 (1.2-8.4)	3.4 (2.8-3.9)
ARTHRITIS					
Activity Limitation Due to Arthritis	Respondents who reported being limited in any usual activities because of arthritis or joint symptoms.		33.9 (11.1-56.7)	58.9 (35.5-82.2)	47.0 (45.2-48.9)
Doctor Diagnosed Arthritis	Respondents who reported ever have been told by a doctor or other health professional that they had some form of arthritis.		33.3 (22.5-44.1)	29.7 (25.8-33.5)	24.6 (24.0-25.2)
ASTHMA					
Ever Asthma	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had asthma.		14.8 (5.9-23.7)	12.5 (9.1-15.9)	11.9 (11.3-12.4)
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.		12.8 (4.1-21.4)	8.7 (6.1-11.2)	8.4 (7.9-8.9)
BODY WEIGHT					
Overweight, Not Obese	Respondents with a body mass index greater than or equal to 25 but less than 30 (overweight).		39.5 (28.0-51.0)	37.8 (33.3-42.4)	36.5 (35.7-37.3)
Obese	Respondents with a body mass index greater than or equal to 30 (obese).		35.3 (24.4-46.2)	29.7 (25.5-33.9)	30.3 (29.6-31.1)
Overweight or Obese	Respondents with a body mass index greater than or equal to 25 (overweight or obese).		74.8 (64.3-85.4)	67.6 (62.9-72.2)	66.8 (66.0-67.7)
CANCER					
Any Cancer	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had cancer (excluding skin cancer).		5.8 (1.3-10.4)	7.3 (5.4-9.1)	6.4 (6.1-6.7)
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.		3.9 (0.2-7.7)	4.1 (2.6-5.6)	4.3 (4.0-4.5)
Angina	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had angina.		4.3 (0.6-8.0)	4.4 (2.8-6.0)	4 (3.7-4.2)
Stroke	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had a stroke.		0.8 (0-2.3)	1.8 (1.0-2.6)	2.4 (2.2-2.6)
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.		6.3 (1.8-10.7)	7.0 (5.2-8.9)	7.5 (7.2-7.8)

ADULT BEHAVIORAL RISK FACTORS, 2011-2015

Table 18

CHOLESTEROL		Logan County	Stutsman County	North Dakota
Never Cholesterol Test	Respondents who reported never having a cholesterol test.	13.6 (0.5-26.7)	21.5 (15.4-27.5)	22.8 (21.8-23.8)
No Cholesterol Test in Past 5 Years	Respondents who reported never having a cholesterol test in the past five years.	18.2 (4.2-32.2)	27.0 (20.8-33.2)	27.2 (26.2-28.3)
High Cholesterol	Respondents who reported that they had ever been told by a doctor, nurse or other health professional that they had high cholesterol.	38.5 (23.1-53.8)	33.8 (28.1-39.5)	36.1 (35.1-37.1)
CHRONIC LUNG DISEASE				
COPD	Respondents who have ever been told by a doctor, nurse or other health professional ever told you that they have COPD (chronic obstructive pulmonary disease), emphysema, or chronic bronchitis.	4.7 (0.6-8.8)	5.5 (3.8-7.3)	4.7 (4.4-5.0)
COLORECTAL CANCER				
No Colorectal Cancer Screening within Recommended Timeframe	Respondents age 50 and older who reported not having a fecal occult blood test in the past two years.	32.6 (10.6-54.6)	37.9 (28.3-47.5)	40 (38.3-41.7)
DIABETES				
Diabetes Diagnosis	Respondents who reported ever having been told by a doctor that they had diabetes.	13.1 (5.4-20.8)	9.6 (7.2-11.9)	8.5 (8.2-8.9)
FRUITS AND VEGETABLES				
Five Fruits and Vegetables	Respondents who reported that they do not usually eat five fruits and vegetables per day.	16.2 (6.7-25.6)	11.5 (7.8-15.2)	13.9 (13.2-14.6)
GENERAL HEALTH				
Fair or Poor Health	Respondents who reported that their general health was fair or poor.	23.6 (13.6-33.6)	15.9 (12.5-19.2)	14 (13.5-14.6)
Poor physical Health	Respondents who reported they had 8 or more days in the last 30 when their physical health was not good.	13.5 (6.5-20.5)	12.5 (9.5-15.6)	11.3 (10.8-11.8)
Poor Mental Health	Respondents who reported they had 8 or more days in the last 30 when their mental health was not good.	14.5 (4.7-24.3)	9.2 (6.4-12.0)	11.4 (10.9-12.0)
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.	8.7 (0.4-17.0)	15 (10.0-19.9)	13.6 (12.8-14.4)
Any Activity Limitation	Respondents who reported being limited in any way due to physical, mental or emotional problem.	28.3 (18.3-38.2)	30.1 (26.0-34.2)	31.3 (30.6-32.1)

ADULT BEHAVIORAL RISK FACTORS, 2011-2015

Table 19

HEALTH CARE ACCESS		Logan County	Stutsman County	North Dakota
Health Insurance	Respondents who reported not having any form or health care coverage.	8.4 (1.9-14.9)	8.4 (5.6-11.3)	10.8 (10.2-11.3)
Access Limited by Cost	Respondents who reported needing to see a doctor during the past 12 months but could not due to cost.	7.9 (1.6-14.2)	5.0 (2.8-7.2)	7.8 (7.3-8.3)
No Personal Provider	Respondents who reported that they did not have one person they consider to be their personal doctor or health care provider.	18.2 (9.0-27.4)	19.6 (15.4-23.7)	26.7 (25.9-27.5)
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.	43.7 (28.8-58.5)	29.2 (24.4-34.1)	29.9 (29.0-30.7)
IMMUNIZATION				
Influenza Vaccine	Respondents age 65 and older who reported that they did not have a flu shot in the past year.	35.1 (19.7-50.6)	39.6 (32.6-46.7)	40.1 (38.9-41.4)
Pneumococcal Vaccine	Respondents age 65 or older who reported never having had a pneumonia shot.	29.0 (13.6-44.4)	25.4 (18.8-31.9)	28.5 (27.3-29.7)
INJURY				
Falls	Respondents 45 years and older who reported that they had fallen in the past 12 months.	30.4 (13.4-47.4)	27.5 (20.7-34.4)	27.4 (26.2-28.7)
Seatbelt Use	Respondents who reported not always wearing their seatbelt.	39.2 (27.2-51.3)	60.4 (55.6-65.2)	61.4 (60.6-62.3)
ORAL HEALTH				
Dental Visit	Respondents who reported that they have not had a dental visit in the past year.	44.2 (26.4-62.0)	29.6 (23.3-36.0)	33.7 (32.4-35.0)
Tooth Loss	Respondents who reported they ever had a permanent tooth extracted.	31.3 (14.2-48.4)	16.4 (11.8-20.9)	14.3 (13.6-15.1)
PHYSICAL ACTIVITY				
No Leisure Physical Activity	Respondents who reported that they did not get the recommended amount of physical activity.	32.8 (21.9-43.7)	25.6 (21.6-29.6)	25.1 (24.4-25.8)
TOBACCO				
Current Smoking	Respondents who reported that they smoked every day or some days.	15.3 (6.7-23.9)	18.7 (14.8-22.7)	20.6 (19.9-21.4)
WOMEN'S HEALTH				
Pap Smear	Women 18 and older who reported that they have not had a pap smear in the past three years.	16.0 (0-35.3)	37.7 (25.3-50.2)	25.1 (23.1-27.1)
Mammogram Age 40+	Women 40 and older who reported that they have not had a mammogram in the past two years.	25.3 (1.7-48.8)	30.0 (21.5-38.6)	27.0 (25.4-28.6)

CRIME

Data presented on the North Dakota Attorney General website changed from previous years. In an effort to continue to provide this data, the 2016 variables are defined as follows which differs slightly from the 2010-2013 data:

- Rape: includes statutory rape and forcible rape
- Assault: only includes aggravated assault
- Larceny: all other crimes against property

Table 20

Logan County							
	2012	2013	2014	2015	2016	5 Year	5-Year Rate
Murder	0	0	0	0	0	0	0.0
Rape	0	0	0	1	0	1	10.3
Robbery	0	0	0	0	0	0	0.0
Assault	0	0	0	2	1	3	30.8
Violent crime	0	0	0	3	1	4	41.1
Burglary	2	6	1	1	3	13	133.6
Larceny	19	10	5	0	4	38	390.5
Motor vehicle theft	1	1	0	2	0	4	41.1
Property crime	22	17	3	2	7	51	524.2
Total	22	17	3	5	8	55	565.3

Table 21

Stutsman County							
	2012	2013	2014	2015	2016	5 Year	5-Year Rate
Murder	0	0	0	0	0	0	0.0
Rape	15	23	16	9	15	78	73.6
Robbery	0	2	9	4	1	16	15.1
Assault	21	22	27	41	52	163	153.8
Violent crime	36	47	52	54	68	257	242.6
Burglary	91	108	95	122	117	533	503.1
Larceny	349	296	181	144	181	1,151	1,086.4
Motor vehicle theft	33	21	28	34	36	152	143.5
Property crime	473	425	304	300	334	1,836	1,732.9
Total	509	472	356	354	402	2,093	1,975.5

Table 22

North Dakota							
	2012	2013	2014	2015	2016	5 Year	5-Year Rate
Murder	20	14	19	21	17	91	2.5
Rape	243	237	389	428	365	1,662	44.9
Robbery	117	151	166	157	181	772	20.9
Assault	1,071	1,156	1,145	1,185	1,132	5,689	153.7
Violent crime	1,451	1,558	1,719	1,791	1,695	8,214	222.0
Burglary	2,200	2,656	2,490	3,212	3,051	13,609	367.8
Larceny	10,184	10,243	5,214	6,181	6,157	37,979	1,026.4
Motor vehicle theft	1,031	1,228	1,462	1,725	1,887	7,333	198.2
Property crime	13,415	14,127	9,166	11,118	11,095	47,826	1,292.5
Total	14,866	15,685	10,885	12,909	12,790	54,345	1,468.7

CHILD HEALTH INDICATORS

The following information is no longer available on the website:

- High school dropouts (dropouts per 1000 persons Grades 9-12)
- Children Ages 0-17 Impact by Domestic Violence (Percentage of all children ages 0-17)
- Offenses Against Person Juvenile Court Referral (Percentage of total juvenile court referral)
- Alcohol-Related Juvenile Court Referral (Percentage of juvenile court referrals)

Table 23

Child Indicators: Education 2016	Logan County		Stutsman County		North Dakota	
Children ages 3 to 21 enrolled in special education in public schools	43	12.3%	430	16.2%	14,426	13.2%
Four-year high school cohort graduates	78.3%		82.8%		88.7%	
Average expenditure per student in public school	\$13,198		\$11,003		\$11,418	

Table 24

Child Indicators: Economic Health 2016	Logan County		Stutsman County		North Dakota	
TANF recipients ages 0-19 (Percentage of persons ages 0-19)	0	0.0%	34	0.7%	4,649	2.3%
SNAP recipients ages 0-18 (Percentage of all children ages 0-19)	58	13.2%	826	17.9%	37,758	20.3%
Eligible recipients of free or reduced price lunch	92	27.1%	987	33.7%	37,928	32.6%
Medicaid recipients ages 0-20 (Percentage of all persons ages 0-20)	135	27.9%	1,441	26.8%	59,156	28.0%
Median income for families with children ages 0-17 (Percentage of all women with children ages 0-17)	\$81,458	\$81,458	\$62,660	\$62,660	\$75,818	\$75,818
Children ages 0 to 17 living in low-income families (<200% of poverty)	106	28.4%	1,598	39.1%	50,147	30.5%

Table 25

Child Indicators: Families and Child Care 2016	Logan County		Stutsman County		North Dakota	
Women in labor force, by age of children (ages 0-17)	137	84.6%	1,286	76.0%	59,532	79.4%
Children ages 0-17 living in a single parent family (Percentage of all children ages 0-17)	22	5.9%	1,315	30.8%	39,192	23.4%
Children in foster care (Percentage of children ages 0-18)	LNE	NA	62	1.3%	2,397	1.3%
Victims of child abuse and neglect - services required (Percent of suspected victims)	LNE	NA	77	26.3%	1,805	27.2%
Births to mothers receiving prenatal care beginning after first trimester or not at all	LNE	NA	25	11.3%	1,612	14.2%

Table 26

Child Indicators: Juvenile Justice 2016	Logan County		Stutsman County		North Dakota	
Children ages 10-17 referred to juvenile court (Percentage of all children ages 0-17)	15	7.7%	119	6.2%	3,471	4.9%

*LNE-Low Number Events