

# North Dakota Health And Racial Disparity Profile

## POPULATION

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 full (100%) census taken in 2010 or from the Community Population Survey for 2010. The table showing percent population change uses census data from 2000 and 1990 also. 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).

**1**

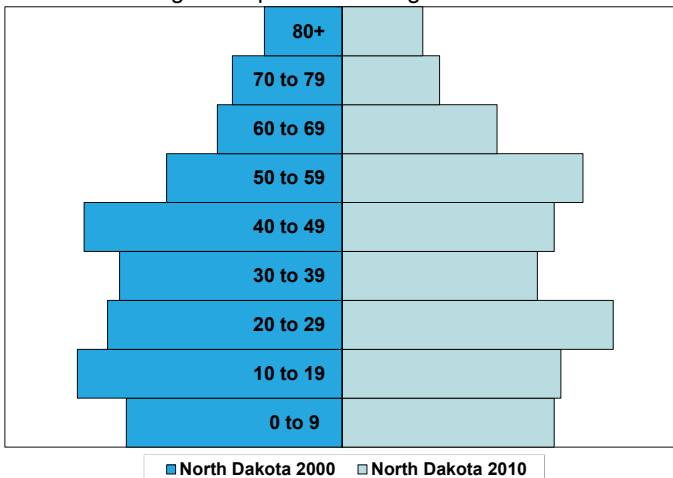
Age Group	North Dakota		United States	
	Number	Percent	Number	Percent
0-9	84,671	12.6%	40,550,019	13.1%
10-19	87,264	13.0%	42,717,537	13.8%
20-29	108,552	16.1%	42,687,848	13.8%
30-39	77,954	11.6%	40,141,741	13.0%
40-49	84,577	12.6%	43,599,555	14.1%
50-59	96,223	14.3%	41,962,930	13.6%
60-69	61,901	9.2%	29,253,187	9.5%
70-79	39,213	5.8%	16,595,961	5.4%
80+	32,236	4.8%	11,236,760	3.6%
Total	672,591	100.0%	308,745,538	100.0%
0-17	149,871	22.3%	74,181,467	24.0%
65+	97,477	14.5%	40,267,984	13.0%

**1A**

Age Group	American Indians		North Dakota	
	Number	Percent	Number	Percent
0-9	7,935	21.7%	84,671	12.6%
10-19	6,898	18.9%	87,264	13.0%
20-29	6,227	17.0%	108,552	16.1%
30-39	4,674	12.8%	77,954	11.6%
40-49	4,445	12.1%	84,577	12.6%
50-59	3,471	9.5%	96,223	14.3%
60-69	1,782	4.9%	61,901	9.2%
70-79	875	2.4%	39,213	5.8%
80+	284	0.8%	32,236	4.8%
Total	36,591	100.0%	672,591	100.0%
0-17	13,323	36.4%	149,871	22.3%
65+	1,890	5.2%	97,477	14.5%

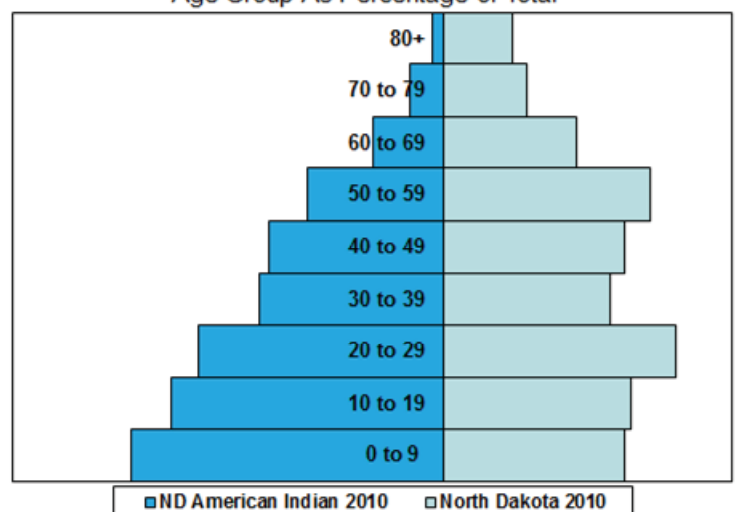
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Age Group As Percentage of Total



**2A**

Age Group As Percentage of Total



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Female Population and Percentage Female by Age, 2010 Census				
Age Group	North Dakota		United States	
	Number	Percent	Number	Percent
0-9	41,330	48.8%	19,840,954	48.9%
10-19	42,277	48.4%	20,834,009	48.8%
20-29	50,571	46.6%	21,038,081	49.3%
30-39	37,144	47.6%	20,103,219	50.1%
40-49	41,499	49.1%	21,996,493	50.5%
50-59	47,283	49.1%	21,506,008	51.3%
60-69	30,699	49.6%	15,323,140	52.4%
70-79	21,453	54.7%	9,169,601	55.3%
80+	20,471	63.5%	7,152,707	63.7%
<b>Total</b>	<b>332,727</b>	<b>49.5%</b>	<b>156,964,212</b>	<b>50.8%</b>
0-17	73,083	48.8%	36,236,331	48.8%
65+	55,050	56.5%	22,908,024	56.9%

3A

Female Population and Percentage Female by Age, 2010 Census				
Age Group	American Indians		North Dakota	
	Number	Percent	Number	Percent
0-9	3,933	49.6%	41,330	48.8%
10-19	3,366	48.8%	42,277	48.4%
20-29	3,122	50.1%	50,571	46.6%
30-39	2,383	51.0%	37,144	47.6%
40-49	2,331	52.4%	41,499	49.1%
50-59	1,852	53.4%	47,283	49.1%
60-69	962	54.0%	30,699	49.6%
70-79	500	57.1%	21,453	54.7%
80+	192	67.6%	20,471	63.5%
<b>Total</b>	<b>18,641</b>	<b>50.9%</b>	<b>332,727</b>	<b>49.5%</b>

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Race, 2010 Census				
Race	North Dakota		United States	
	Number	Percentage	Number	Percentage
Total	672,591	100.0%	308,745,538	100.0%
White	605,449	90.0%	223,553,265	72.4%
Black	7,960	1.2%	38,929,319	12.6%
Am.Indian	36,591	5.4%	2,932,248	0.9%
Asian	6,909	1.0%	14,674,252	4.8%
Pac. Islander	320	0.0%	540,013	0.2%
Other	3,509	0.5%	19,107,368	6.2%
Multirace	11,853	1.8%	9,009,073	2.9%
Hispanic	13,467	2.0%	50,477,594	16.3%

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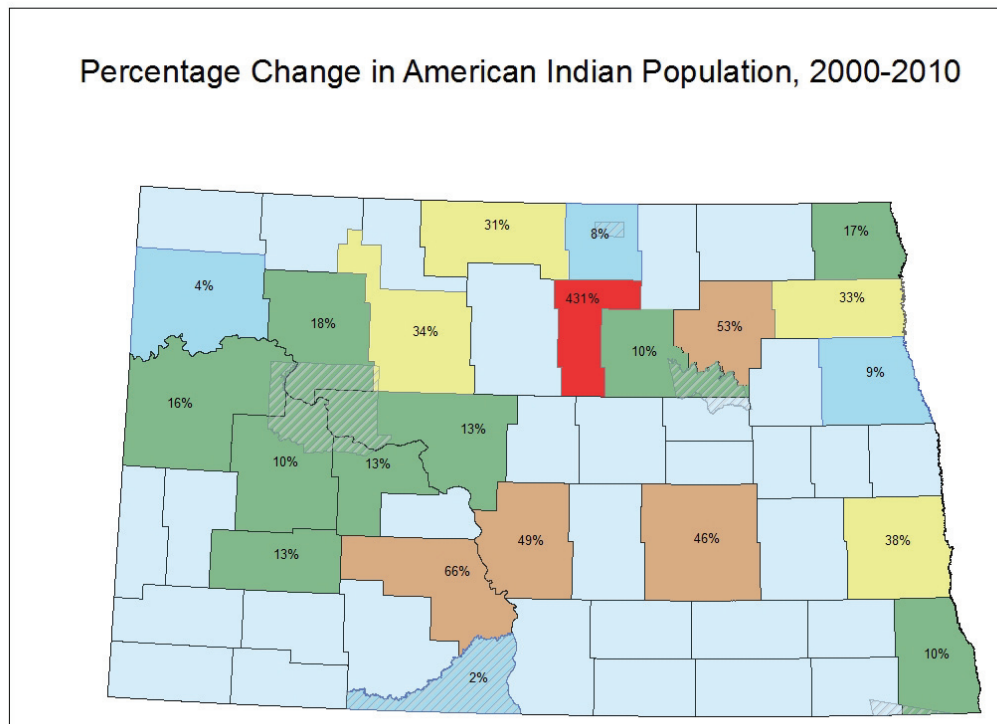
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Change in Race for North Dakota, 2000 to 2010 Census			
Race	2000	2010	Percent Change
Total	642,200	672,591	4.7%
White	593,181	605,449	2.1%
Black	3,916	7,960	103.3%
Am.Indian	31,329	36,591	16.8%
Asian	3,606	6,909	91.6%
Pac. Islander	230	320	39.1%
Other	2,540	3,509	38.1%
Multirace	7,398	11,853	60.2%
Hispanic	7,786	13,467	73.0%

6A

Persons Reporting American Indian Race as Single Race or Multi-Racial, 2010			
	Number	Percent	
Single Race	36,591	86.9%	
Multi-race	5,509	13.1%	
Total	42,100	100.0%	

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Population Distribution				
County	Total Population	Number American Indians*	Percent of County	Percent of All AI in State
Rolette	13937	10763	77.2%	29.4%
Benson	6660	3663	55.0%	10.0%
Sioux	4153	3492	84.1%	9.5%
Burleigh	81308	3393	4.2%	9.3%
Mountrail	7673	2348	30.6%	6.4%
Cass	149778	1827	1.2%	5.0%
Grand Forks	66861	1657	2.5%	4.5%
Ward	61675	1630	2.6%	4.5%
McKenzie	6360	1412	22.2%	3.9%
Morton	27471	1000	3.6%	2.7%
Ramsey	11451	994	8.7%	2.7%
Williams	22398	899	4.0%	2.5%
McLean	8962	625	7.0%	1.7%
Dunn	3536	449	12.7%	1.2%
Richland	16321	330	2.0%	0.9%
Stutsman	21100	300	1.4%	0.8%
Stark	24199	240	1.0%	0.7%
Cumulative for listed counties		35022		95.7%
Percentage of total in reservation counties				63.1%
=reservation county				
*American Indian=Single Race Only				

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Decennial Population Change, 1990 to 2000, 2000 to 2010				
Census	North Dakota	10 Year Change (%)	United States	10 Year Change (%)
1990	638,800		248,709,873	
2000	642,200	0.5%	281,421,906	13.2%
2010	672,591	4.7%	308,745,538	9.7%

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Household Populations, 2010				North Dakota		United States	
Household Type		Number	Percentage	Number	Percentage		
Total		659,858	100.0%	309,349,689	100.0%		
In households		634,679	96.2%	301,362,366	97.4%		
In family households:		504,148	76.4%	252,364,729	81.6%		
In nonfamily households:		130,531	19.8%	48,997,637	15.8%		
In group quarters		25,179	3.8%	7,987,323	2.6%		
Institutionalized population		9,675	1.5%	3,993,659	1.3%		
Noninstitutionalized population		15,504	2.3%	3,993,664	1.3%		

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Household Size, 2010 Census			American Indians	North Dakota
Avg. Persons per Household			3.14	2.3
Persons per Household		Percent of Households	Percent of Households	
1 Person		22.0	31.5	
2 Persons		22.7	36.5	
3 Persons		17.7	13.7	
4 Persons		15.5	10.9	
5 Persons		11.3	5.0	
6 Persons		5.4	1.7	
7+ Persons		5.3	0.8	

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Marital Status of Persons Age 15 and Older, 2010 ACS				
Marital Status	North Dakota		United States	
	Number	Percent	Number	Percent
Total Age 15+	549,738	100.0%	248,055,976	100.0%
Never Married	172,068	31.3%	79,625,968	32.1%
Now Married	290,262	52.8%	121,051,316	48.8%
Separated	3,848	0.7%	5,457,231	2.2%
Widowed	32,984	6.0%	14,883,359	6.0%
Divorced	51,126	9.3%	27,038,101	10.9%

12A

Marital Status of Persons 15 Years and Older, 2006-2010				
Marital Status	American Indians		North Dakota	
	Number	Percent	Number	Percent
Total Age 15+	24,243	100.0%	538,799	100.0%
Never Married	12,170	50.2%	163,256	30.3%
Now Married	7,639	31.5%	288,257	53.5%
Separated	498	2.1%	4,310	0.8%
Widowed	1,191	4.9%	36,100	6.7%
Divorced	2,745	11.3%	46,876	8.7%

# North Dakota Health And Racial Disparity Profile

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Educational Attainment, 2010, ACS				
	North Dakota		United States	
	Estimate	Percent	Estimate	Percent
Population 25 years and over	442,946	100.0%	204,288,933	100.0%
Less than 9th grade	21,704	4.9%	12,461,625	6.1%
9th to 12th grade, no diploma	20,818	4.7%	16,955,981	8.3%
High school graduate or GED	119,595	27.0%	58,222,346	28.5%
Some college, no degree	106,307	24.0%	43,513,543	21.3%
Associate's degree	51,825	11.7%	15,525,959	7.6%
Bachelor's degree	87,260	19.7%	36,159,141	17.7%
Grad degree or prof degree	34,993	7.9%	21,246,049	10.4%

13A

Educational Attainment, 2006-2010, ACS				
	American Indian		North Dakota	
	Estimate	Percent	Estimate	Percent
Population 25 years and over	17,707	100.0%	429,333	100.0%
Less than 9th grade	1,109	6.3%	24,043	5.6%
9th to 12th grade, no diploma	2,041	11.5%	21,467	5.0%
High school graduate or GED	4,569	25.8%	120,643	28.1%
Some college, no degree	5,149	29.1%	99,176	23.1%
Associate's degree	2,162	12.2%	51,091	11.9%
Bachelor's degree	1,685	9.5%	83,291	19.4%
Graduate or professional degree	992	5.6%	29,624	6.9%

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Family Poverty and Childhood and Elderly Poverty, 2010, ACS				
	North Dakota		United States	
	Number	Percent	Number	Percent
Total Families	171,945	100.0%	76,089,045	100.0%
Families in Poverty	13,412	7.8%	8,598,062	11.3%
Families with Related Children	76,535	44.5%	37,416,697	49.2%
Families with Related Children in Poverty	10,485	6.1%	6,697,589	8.8%
Families with Related Children and Female Parent Only	16,219	9.4%	9,970,534	13.1%
Families with Related Children and Female Parent Only in Poverty	7,104	4.1%	3,948,331	5.2%

# North Dakota Health And Racial Disparity Profile

## POPULATION

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Income and Poverty Status by Age Group, 2010, ACS				
	North Dakota		United States	
Median Household Income	\$48,670		\$50,046	
Per Capita Income	\$26,021		\$26,059	
	Number	Percent	Number	Percent
Below Poverty Level	84,895	13.0%	46,215,956	15.3%
Under 5 years	8,373	19.0%	4,961,524	25.0%
5 to 11 years	9,748	17.2%	6,125,463	21.7%
12 to 17 years	5,995	12.5%	4,662,142	18.7%
18 to 64 years	49,610	12.1%	26,929,254	14.2%
65 to 74 years	3,931	8.5%	1,750,344	8.1%
75 years and over	7,238	15.8%	1,787,229	10.2%
Total Known Children in Poverty (0-17)	24,116	16.2%	15,749,129	21.6%
Total Known Age 65+ in Poverty	11,169	12.1%	3,537,573	9.0%

**15A**

Income and Poverty Status by Age Group, 2006-2010				
	American Indians		North Dakota	
Median Household Income	\$25,255		\$48,670	
Per Capita Income	\$11,967		\$26,021	
	Number	Percent	Number	Percent
Below Poverty Level	13,230	39.8%	84,895	13.0%
Under 5 years	2,249	58.2%	8,373	19.0%
5 to 11 years	2,128	49.7%	9,748	17.2%
12 to 17 years	1,586	38.4%	5,995	12.5%
18 to 64 years	6,877	35.1%	49,610	12.1%
65 to 74 years	390	28.1%	11,169	12.1%
75 years and Over	111	30.2%	7,072	14.0%
Total Known Children in Poverty	5,963	48.6%	17,485	11.7%
Total Known Age 65+ in Poverty	501	36.1%	11,221	11.5%

# North Dakota Health And Racial Disparity Profile

## POPULATION

**16**

Disability Status by Age, 2007-2010				
	North Dakota		United States	
	Number	Percent	Number	Percent
Total	649,963	100.0%	301,501,772	100.0%
Under 18	147,774		73,981,918	
With a disability	3,998	2.7%	2,948,493	4.0%
Without a disability	143,776	97.3%	71,033,425	96.0%
18-64	411,489		189,239,988	
With a disability	35,295	8.6%	18,984,266	10.0%
Without a disability	376,194	91.4%	170,255,722	90.0%
65 and older	90,700		38,279,866	
With a disability	32,470	35.8%	14,247,365	37.2%
Without a disability	58,230	64.2%	24,032,501	62.8%

**16A**

Disability Status by Age, 2007-2010				
	American Indians		North Dakota	
	Number	Percent*	Number	Percent*
Total	34,357	100.0%	649,963	100.0%
Under 18	12,662		147,774	
With a disability	506	4.0%	3,998	2.7%
Without a disability	12,156	96.0%	143,776	97.3%
18-64	20,274		411,489	
With a disability	3,547	17.5%	35,295	8.6%
Without a disability	16,727	82.5%	376,194	91.4%
65 and older	1,421		90,700	
With a disability	707	49.8%	32,470	35.8%
Without a disability	714	50.2%	58,230	64.2%

\*Within Age Group



# Vital Statistics Data

## BIRTHS AND DEATHS

Vital Statistics Data comes from the birth and death records collected by the State of North Dakota for 2010. All births and deaths represent the state of residence not the state of occurrence. 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 Rate** = 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.

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Births, 2006-2010 (ND) and 2008 (US)				
	North Dakota		United States	
	Number	Rate	Number	Rate
Live Births	44,427	13	4,130,665	13
Pregnancies	48,818	15	-	21
Fertility Ratio		71	-	67
Teen Births	3,337	19	414,831	29
Teen Pregnancies	4,062	23		53
	Number	Ratio	Number	Ratio
Out of Wedlock Births	14,506	327	1,693,658	410
Out of Wedlock Pregnancies	18,103	371	-	-
Low Birth Weight Births	2,919	66	336,747	82

17A

Births, American Indians and North Dakota, 2006-2010				
	American Indians*		North Dakota	
	Number	Rate	Number	Rate
Live Births and Rate	5,498	30	44,427	13
Fertility Rate		131		71
Teen Births and Rate	967	71	3,337	19
	Number	Ratio	Number	Ratio
Out of Wedlock Births and Ratio	3767	685	14,506	327
Low Birth Weight Birth and Ratio	363	66	2,919	66

\*Births if either parent reports American Indian as primary or secondary race

# Vital Statistics Data

## BIRTHS AND DEATHS

**18**

Deaths, 2006-2010 (ND) and 2009 (US)				
	North Dakota		United States	
	Number	Rate	Number	Rate
Infant Deaths	281	6	26,412	6
Child and Adolescent Deaths	285	35	21,621	27
Total Deaths	28,984	862	2,437,163	789

**18A**

Deaths, American Indians and North Dakota, 2006-2010				
	American Indians		North Dakota	
	Number	Rate	Number	Rate
Infant Deaths and Rate	75	15.8	281	6.3
Child and Adolescent Deaths	65	93	285	35
Total Deaths and crude rate	1,313	718	28,984	862

**18B**

American Indian Births, Infant Deaths and Infant Mortality Rates, 2000-2011			
	Births	Infant	
		Deaths	IMR
2000	900	14	15.6
2001	892	14	15.7
2002	921	10	10.9
2003	980	7	7.1
2004	1099	8	7.3
2005	1082	8	7.4
2006	979	15	15.3
2007	944	15	15.9
2008	980	11	11.2
2009	949	19	20
2010	889	15	16.9
2011	1079	13	12

**18C**

American Indian* Infant Death Rates by Geographic Area, 2000-2009			
	ND	SD	US
AI Infant Mortality Rate	13.5	14	7.5

\*US statistics: Identification of race may vary from state method.

# Vital Statistics Data

## BIRTHS AND DEATHS

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Deaths and Age Adjusted Death Rate by Cause, 2006-2010 (ND) and 2009 (US)		
	North Dakota	United States
	Number (Adj. Rate)	Number (Adj. Rate)
All Causes	28,985 (689)	2,437,163 (741)
Heart Disease	7,122 (162)	599,413 (180)
Cancer	6,544 (162)	567,628 (173)
Stroke	1,696 (38)	128,842 (39)
Alzheimers Disease	1,936 (40)	79,003 (24)
COPD	1,607 (39)	137,353 (42)
Unintentional Injury	1,545 (42)	118,021 (37)
Diabetes Mellitus	1,072 (26)	68,705 (21)
Pneumonia and Influenza	702 (15)	53,692 (16)
Cirrhosis	289 (8)	30,558 (9)
Suicide	462 (14)	36,909 (12)

19A

Deaths and Age Adjusted Death Rate by Cause, 2006-2010		
	American Indians	North Dakota
	Number (Adj. Rate)	Number (Adj. Rate)
All Causes	1,300 (6,589)	28,923 (687)
Heart Disease	227 (1,345)	7,121 (162)
Cancer	252 (1,337)	6,544 (162)
Stroke	34 (241)	1,696 (38)
Alzheimers Disease	21 (218)	1,936 (40)
COPD	50 (350)	1,607 (39)
Unintentional Injury	188 (589)	1,545 (42)
Diabetes Mellitus	91 (506)	1,072 (26)
Pneumonia and Influenza	17 (114)	702 (15)
Cirrhosis	85 (333)	289 (8)
Suicide	53 (143)	462 (14)

# Vital Statistics Data

## BIRTHS AND DEATHS

**19B**

Age Specific Death Rates 2006-2010				
	American Indians		North Dakota	
	Deaths	Rate	Deaths	Rate
0-9	68	171	284	65
10-19	52	151	218	50
20-29	71	228	410	76
30-39	107	458	447	115
40-49	179	805	1,101	260
50-59	201	1,158	2,148	446
60-69	234	2,626	3,261	1,054
70-79	217	4,960	5,567	2,839
80+	171	12,042	15,487	9,609

**19C**

Years of Potential Life Lost and YPLL Rate by Cause*, North Dakota and North Dakota American Indians, 2006-2010				
	American Indian		North Dakota	
	Number	Rate	Number	Rate
All Causes	23,203	162.5	192,538	61.9
Unintentional Injury	7,316	40.7	34,942	11.2
Heart Disease	3,234	18.0	27,381	8.8
Cancer	2,994	16.7	41,583	13.4
Cirrhosis	2,367	13.2	5,587	1.8
Suicide	2,347	13.1	16,042	5.2
Diabetes Mellitus	1,063	5.9	5,040	1.6
COPD	389	2.2	4,513	1.5
Stroke	264	1.5	4,209	1.4
Pneumonia and Influenza	221	1.2	2,099	0.7
Alzheimers Disease	18	0.1	476	0.2

\*YPLL before age 75 per 1000 population age 0-74

**19D**

Average Age at Death by Cause, North Dakota and North Dakota American Indians, 2006-2010		
	American Indian	North Dakota
All Causes	54	76
Heart Disease	63	80
Cancer	64	73
Stroke	71	82
Alzheimers Disease	83	88
COPD	70	79
Unintentional Injury	36	56
Diabetes Mellitus	65	77
Pneumonia and Influenza	65	83
Cirrhosis	48	57
Suicide	31	41

## Vital Statistics Data

### BIRTHS AND DEATHS

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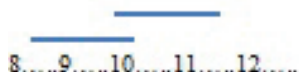
Leading Causes of Death by Age Group for North Dakota, 2006-2010			
Age	1	2	3
0-4	Congenital Anomaly 69	Prematurity 44	SIDS 40
5-14	Unintentional Injury 26	Cancer 10	Congenital Anomaly 6
15-24	Unintentional Injury 184	Suicide 109	Cancer 20
25-34	Unintentional Injury 166	Suicide 91	Heart 32
35-44	Unintentional Injury 173	Heart 94	Cancer 88
45-54	Cancer 493	Heart 335	Unintentional Injury 194
55-64	Cancer 1001	Heart 579	Unintentional Injury 137
65-74	Cancer 1562	Heart 843	COPD 313
75-84	Cancer 1992	Heart 1797	COPD 626
85+	Heart 3421	Alzheimer's Dz 1391	Cancer 1352

20A

Leading Causes of Death by Age Group for American Indians, 2006-2010			
Age	1	2	3
0-4	SIDS 19	Congenital Anomaly 9	Unintentional Injury 6
5-14	Unintentional Injury 6	Suicide	Cancer
		Congenital Anomaly	
15-24	Unintentional Injury 38	Suicide 24	Heart Disease 7
25-34	Unintentional Injury 41	Cirrhosis 7	Suicide 6
		Heart Disease 7	
35-44	Unintentional Injury 39	Cirrhosis 35	Heart Disease 19
45-54	Heart Disease 43	Cancer 42	Unintentional Injury 30
55-64	Cancer 62	Heart Disease 49	Diabetes 22
65-74	Cancer 78	Heart Disease 39	Diabetes 25
75-84	Cancer 47	Heart Disease 40	Diabetes 19
85+	Heart Disease 26	Cancer 9	Alzheimer's 8
			COPD 8

## ADULT BEHAVIORAL RISK FACTORS

Adult Behavioral Risk Factor data are derived from data from 2010 when available, or 2009 otherwise. The survey is continuously collected by telephone survey from persons 18 years and older. All data is self-reported data. 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 prevalences in the two populations.



**21**

		ALCOHOL	
		North Dakota 2009 or 2010 %	United States 50 State Median 2009 or 2010 %
Binge Drinking	Respondents who reported binge drinking (5 drinks for men, 4 drinks for women) one or more times in the past 30 days.	18.7 (17.0-20.5)	15.1
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	4.1 (3.3-5.0)	5.0
Drunk Driving	Respondents who reported driving when they had too much to drink one or more times during the past 30 days	6.3 ( 4.8- 7.7)	1.8

**21A**

		ALCOHOL	
		American Indians 2001-2010	North Dakota 2001-2010
Binge Drinking	Respondents who reported binge drinking (5 drinks for men, 4 drinks for women) one or more times in the past 30 days.	26.0 (22.4-29.6)	21.1 (20.5-21.6)
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	4.2 (2.8-5.7)	5.0 ( 4.7- 5.3)
Drunk Driving	Respondents who reported driving when they had too much to drink one or more times during the past 30 days	11.1* ( 6.2-16.1)	5.7 ( 5.1- 6.2)

## ADULT BEHAVIORAL RISK FACTORS

**22**

		North Dakota 2009 or 2010 %	United States 50 State Median 2009 or 2010 %
<b>ARTHRITIS</b>			
Chronic Joint Symptoms	Respondents who reported pain, aching of stiff in a joint during the past 30 days which started more than 3 months ago	33.2 (26.6-39.8)	NA
Activity Limitation Due to Arthritis	Respondents who reported being limited in any usual activities because of arthritis or joint symptoms.	42.4 (39.6-45.3)	NA
Doctor Diagnosed Arthritis	Respondents who reported ever have been told by a doctor or other health professional that they had some form or arthritis.	27.4 (25.9-29.0)	NA
<b>ASTHMA</b>			
Ever Asthma	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had asthma.	10.6 (9.1-12.1)	13.8
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.	6.0 ( 4.0- 8.0)	9.1

**22A**

		American Indians 2001-2010	North Dakota 2001-2010
<b>ARTHRITIS</b>			
Chronic Joint Symptoms	Respondents who reported pain, aching of stiff in a joint during the past 30 days which started more than 3 months ago	29.1 (24.3-33.9)	35.3 (34.4-36.2)
Activity Limitation Due to Arthritis	Respondents who reported being limited in any usual activities because of arthritis or joint symptoms.	15.8 (12.4-19.3)	13.0 (12.4-13.5)
Doctor Diagnosed Arthritis	Respondents who reported ever have been told by a doctor or other health professional that they had some form or arthritis.	23.2 (19.3-27.0)	27.2 (26.5-27.9)
<b>ASTHMA</b>			
Ever Asthma	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had asthma.	14.3 (11.5-17.0)	10.7 (10.3-11.1)
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.	10.9 ( 8.4-13.4)	7.5 ( 7.2- 7.9)

## ADULT BEHAVIORAL RISK FACTORS

	<b>BODY WEIGHT</b>	<b>North Dakota 2009 or 2010 %</b>	<b>United States 50 State Median 2009 or 2010 %</b>
Overweight But Not Obese	Respondents with a body mass index greater than or equal to 25 but less than 30 (overweight)	42.4 (38.0-46.7)	36.2
Obese	Respondents with a body mass index greater than or equal to 30 (obese)	28.0 (23.8-32.1)	27.6
Overweight or Obese	Respondents with a body mass index greater than or equal to 25 (overweight or obese)	70.3 (66.1-74.5)	63.8
<b>CARDIOVASCULAR</b>			
Heart Attack	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had a heart attack.	5.7 ( 3.8- 7.6)	4.2
Angina	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had angina.	3.7 ( 2.2- 5.2)	4.1
Stroke	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had a stroke.	3.3 ( 1.8- 4.7)	2.7
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.	9.0 ( 6.7-11.4)	NA

23

	<b>BODY WEIGHT</b>	<b>American Indians 2001-2010</b>	<b>North Dakota 2001-2010</b>
Overweight But Not Obese	Respondents with a body mass index greater than or equal to 25 but less than 30	34.6 (30.7-38.4)	38.7 (38.0-39.3)
Obese	Respondents with a body mass index greater than or equal to 30	41.2 (37.3-45.1)	25.4 (24.9-26.0)
Overweight or Obese	Respondents with a body mass index greater than or equal to 25	75.7 (72.1-79.3)	64.1 (63.5-64.8)
<b>CARDIOVASCULAR</b>			
Heart Attack	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had a heart attack.	4.2 ( 2.9- 5.5)	4.0 ( 3.8- 4.2)
Angina	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had angina.	3.1 ( 2.0- 4.1)	4.0 ( 3.8- 4.3)
Stroke	Respondents who reported ever having been told by a doctor, nurse or other health care professional that they had a stroke.	3.0 ( 1.8- 4.1)	2.2 ( 2.1- 2.4)
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.	7.5 ( 5.8- 9.3)	7.4 ( 7.1- 7.7)

23A



## ADULT BEHAVIORAL RISK FACTORS

	<b>CHOLESTEROL</b>	<b>North Dakota 2009 or 2010 %</b>	<b>United States 50 State Median 2009 or 2010 %</b>
Never Cholesterol Test	Respondents who reported never having a cholesterol test	20.4 (18.3-22.4)	NA
No Cholesterol Test in Past 5 Years	Respondents who reported never having a cholesterol test in the past five years	25.4 (19.8-31.0)	NA
High Cholesterol	Respondents who reported that they had ever been told by a doctor, nurse or other health professional that they had high cholesterol.	34.8 (33.0-36.5)	NA
<b>COLORECTAL CANCER</b>			
<b>24</b> Fecal Occult Blood	Respondents age 50 and older who reported not having a fecal occult blood test in the past two years.	63.3 (56.4-70.1)	NA
Never Sigmoidoscopy	Respondents age 50 and older who reported never having had a sigmoidoscopy or colonoscopy	36.1 (28.7-43.6)	34.8
No Sigmoidoscopy in Past 5 Years	Respondents age 50 and older who reported not having a sigmoidoscopy or colonoscopy in the past five years.	44.9 (37.8-52.1)	NA
<b>DIABETES</b>			
Diabetes Diagnosis	Respondents who reported ever having been told by a doctor that they had diabetes.	6.1 ( 3.2- 9.0)	8.7

	<b>CHOLESTEROL</b>	<b>American Indians 2001-2010</b>	<b>North Dakota 2001-2010</b>
Never Cholesterol Test	Respondents who reported never having a cholesterol test	37.8 (33.0-42.7)	23.0 (22.2-23.8)
No Cholesterol Test in Past 5 Years	Respondents who reported not having a cholesterol test in the past five years	40.4 (35.5-45.3)	28.2 (27.4-29.0)
High Cholesterol	Respondents who reported that they had ever been told by a doctor, nurse or other health professional that they had high cholesterol.	24.6 (19.9-29.4)	34.0 (33.2-34.8)
<b>COLORECTAL CANCER</b>			
<b>24A</b> Fecal Occult Blood	Respondents age 50 and older who reported not having a fecal occult blood test in the past two years.	91.9 (88.0-95.8)	78.3 (77.5-79.2)
Never Sigmoidoscopy	Respondents age 50 and older who reported never having had a sigmoidoscopy or colonoscopy	60.0 (50.9-69.2)	42.6 (41.4-43.7)
No Sigmoidoscopy in Past 5 Years	Respondents age 50 and older who reported not having a sigmoidoscopy or colonoscopy in the past five years.	71.6 (64.0-79.1)	55.0 (54.0-56.1)
<b>DIABETES</b>			
Diabetes Diagnosis	Respondents who reported ever having been told by a doctor that they had diabetes.	13.5 (10.9-16.1)	6.9 ( 6.6- 7.2)

## ADULT BEHAVIORAL RISK FACTORS

	FRUITS AND VEGETABLES	North Dakota 2009 or 2010 %	United States 50 State Median 2009 or 2010 %
Five Fruits and Vegetables	Respondents who reported that they do not usually eat 5 fruits and vegetables per day	72.2 (66.5-77.9)	NA
	GENERAL HEALTH		
Fair or Poor Health	Respondents who reported that their general health was fair or poor	12.5 ( 9.6-15.5)	14.9
<b>25</b> Poor physical Health	Respondents who reported they had 8 or more days in the last 30 when their physical health was not good	8.8 ( 6.6-11.0)	NA
Poor Mental Health	Respondents who reported they had 8 or more days in the last 30 when their mental health was not good	7.3 ( 1.2-13.4)	NA
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.	6.0 ( 5.2- 6.9)	NA
Any Activity Limitation	Respondents who reported being limited in any way due to physical, mental or emotional problem.	18.0 (16.5-19.5)	21.2

	FRUITS AND VEGETABLES	American Indians 2001-2010	North Dakota 2001-2010
Five Fruits and Vegetables	Respondents who reported that they do not usually eat 5 fruits and vegetables per day	77.4 (72.8-82.0)	78.4 (77.7-79.1)
	GENERAL HEALTH		
Fair or Poor Health	Respondents who reported that their general health was fair or poor	22.8 (19.7-26.0)	12.6 (12.2-12.9)
<b>25A</b> Poor physical Health	Respondents who reported they had 8 or more days in the last 30 when their physical health was not good	15.8 (13.0-18.7)	10.2 ( 9.8-10.5)
Poor Mental Health	Respondents who reported they had 8 or more days in the last 30 when their mental health was not good	16.3 (13.3-19.3)	9.6 ( 9.2-10.0)
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.	10.4 ( 8.1-12.8)	5.7 ( 5.4- 6.0)
Any Activity Limitation	Respondents who reported being limited in any way due to physical, mental or emotional problem.	18.0 (15.2-20.7)	16.0 (15.6-16.5)

## ADULT BEHAVIORAL RISK FACTORS

**26**

	HEALTH CARE ACCESS	North Dakota 2009 or 2010 %	United States 50 State Median 2009 or 2010 %
Health Insurance	Respondents who reported not having any form or health care coverage	11.1 (9.4-12.7)	15.0
Access Limited by Cost	Respondents who reported needing to see a doctor during the past 12 months but could not due to cost.	6.5 (5.3-7.7)	NA
No Personal Provider	Respondents who reported that they did not have one person they consider to be their personal doctor or health care provider.	22.5 (20.5-24.5)	NA
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.	31.5 (26.2-36.7)	NA
IMMUNIZATION			
Influenza Vaccine	Respondents age 65 and older who reported that they did not have a flu shot in the past year	33.6 (31.0-36.1)	32.5
Pneumococcal Vaccine	Respondents age 65 or older who reported never having had a pneumonia shot.	29.1 (26.6-31.6)	31.2

**26A**

	HEALTH CARE ACCESS	American Indians 2001-2010	North Dakota 2001-2010
Health Insurance	Respondents who reported not having any form or health care coverage	34.3† (30.4-38.1)	11.4 (11.0-11.9)
Access Limited by Cost	Respondents who reported needing to see a doctor during the past 12 months but could not due to cost.	15.1 (12.4-17.8)	6.8 ( 6.4- 7.1)
No Personal Provider	Respondents who reported that they did not have one person they consider to be their personal doctor or health care provider.	39.1 (35.2-43.2)	23.5 (23.0-24.1)
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.	23.2 (19.2-27.2)	25.0 (24.4-25.7)
IMMUNIZATION			
Influenza Vaccine	Respondents age 65 and older who reported that they did not have a flu shot in the past year	33.8 (23.2-44.5)	28.6 (27.6-29.6)
Pneumococcal Vaccine	Respondents age 65 or older who reported never having had a pneumonia shot.	32.8 (21.9-43.8)	30.0 (28.9-31.0)

## ADULT BEHAVIORAL RISK FACTORS

**27**

		INJURY	North Dakota 2009 or 2010 %	United States 50 State Median 2009 or 2010 %
Fall	Respondents 45 years and older who reported that they had fallen in the past 3 months		16.5 (15.1-17.8)	NA
Seat Belt	Respondents who reported not always wearing their seatbelt		37.7 (35.5-39.8)	14.8
<b>ORAL HEALTH</b>				
Dental Visit	Respondents who reported that they have not had a dental visit in the past year		28.9 (27.0-30.8)	30.3
Tooth Loss	Respondents who reported they had lost 6 or more permanent teeth due to gum disease or decay.		13.6 (12.6-14.6)	NA
<b>PHYSICAL ACTIVITY</b>				
Recommend Physical Activity	Respondents who reported that they did not get the recommended amount of physical activity		48.7 (42.7-54.6)	NA
<b>TOBACCO</b>				
Current Smoking	Respondents who reported that they smoked every day or some days		17.4 (15.7-19.1)	17.3

**27A**

		INJURY	American Indians 2001-2010	North Dakota 2001-2010
Seatbelt Use	Always wear a seatbelt		50.7 (44.2-57.2)	41.9 (40.9-42.9)
Falls	Fallen in the past three months		23.0* (16.1-29.9)	15.5 (14.7-16.2)
<b>ORAL HEALTH</b>				
Dental Visit	Respondents who reported that they have not had a dental visit in the past year		35.2* (30.1-40.3)	29.5 (28.8-30.3)
Tooth Loss	Respondents who reported they had lost 6 or more permanent teeth due to gum disease or decay.		14.7 (11.6-17.8)	16.0 (15.5-16.6)
<b>PHYSICAL ACTIVITY</b>				
Recommend Physical Activity	Respondents who reported that they did not get the recommended amount of physical activity		45.5 (40.5-50.5)	50.5 (49.7-51.4)
No Leisure Physical Activity	Respondents who reported that they participated in no leisure time physical activity		7.6 ( 4.8-10.4)	6.9 ( 6.5- 7.4)
<b>TOBACCO</b>				
Current Smoking	Respondents who reported that they smoked every day or some days		49.0 (45.1-52.9)	19.8 (19.3-20.4)

## ADULT BEHAVIORAL RISK FACTORS

		WOMEN'S HEALTH		
		North Dakota 2009 or 2010 %	United States 50 State Median 2009 or 2010 %	
<b>28</b>	Pap Smear	Women 18 and older who reported that they have not had a pap smear in the past three years	17.0 (14.6-19.4)	18.7
	Mammogram Age 40+	Women 40 and older who reported that they have not had a mammogram in the past two years	24.8 (22.9-26.8)	24.8

		WOMEN'S HEALTH		
		American Indians 2001-2010	North Dakota 2001-2010	
<b>28A</b>	Pap Smear	Women 18 and older who reported that they have not had a pap smear in the past three years	10.5 ( 6.8-14.2)	14.0 (13.1-15.0)
	Mammogram Age 40+	Women 40 and older who reported that they have not had a mammogram in the past two years	23.6 (22.4-24.7)	24.3 (23.3-25.3)

‡ Nearly all report IHS

\* Near significance

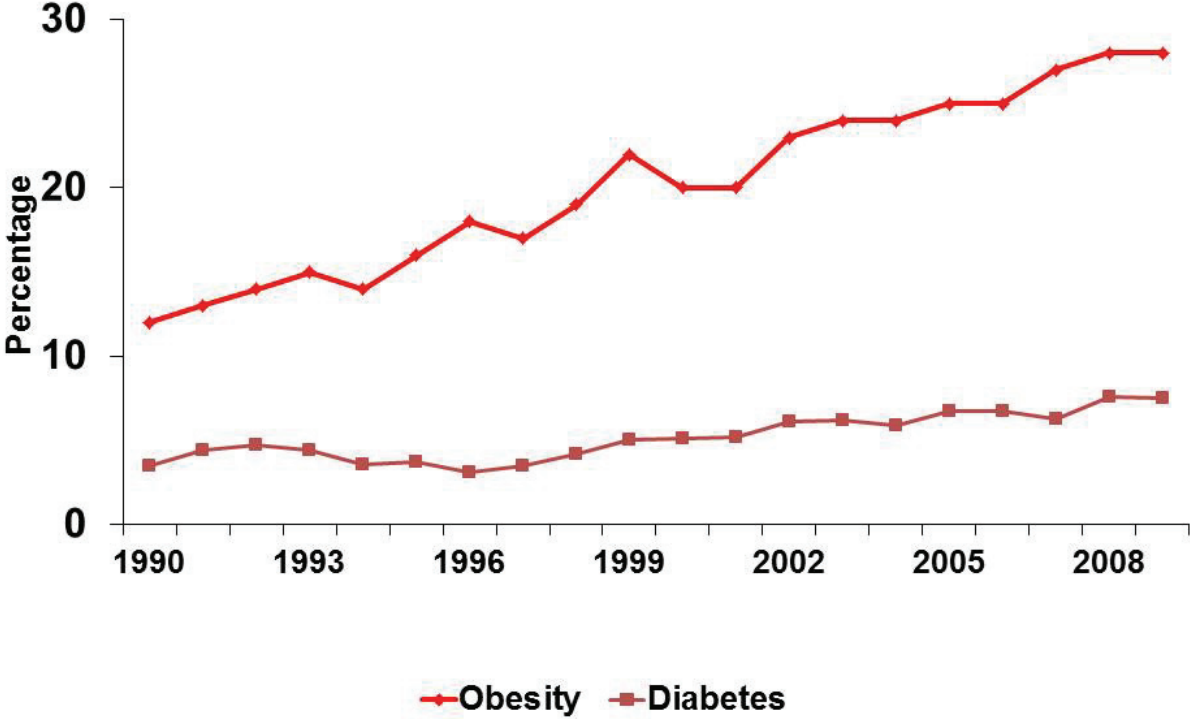
## ADULT BEHAVIORAL RISK FACTORS

	<b>ALCOHOL</b>	<b>North Dakota 2001-2005 %</b>	<b>North Dakota 2006-2010 %</b>
Binge Drinking	Respondents who reported binge drinking (5 drinks for men, 4 drinks for women) one or more times in the past 30 days.	20.9 (20.1-21.7)	21.2 (20.4-22.0)
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	5.2 (4.7-5.7)	4.8 (4.3-5.2)
Drunk Driving	Respondents who reported driving when they had too much to drink one or more times during the past 30 days	4.3 ( 3.7- 5.0)	7.1 (6.3-8.0)
<b>ASTHMA</b>			
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.	7.2 ( 6.8- 7.7)	7.8 (7.3-8.3)
<b>BODY WEIGHT</b>			
Overweight But Not Obese	Respondents with a body mass index greater than or equal to 25 but less than 30 (overweight)	39.1 (38.2-40.0)	38.2 (37.4-39.1)
Obese	Respondents with a body mass index greater than or equal to 30 (obese)	23.5 (22.7-24.3)	27.3 (26.5-28.1)
Overweight or Obese	Respondents with a body mass index greater than or equal to 25 (overweight or obese)	62.6 (61.7-63.6)	65.5 (64.6-66.4)
<b>CARDIOVASCULAR</b>			
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.	7.3 ( 6.7- 7.8)	7.5 ( 7.1- 7.8)
<b>CHOLESTEROL</b>			
No Cholesterol Test in Past 5 Years	Respondents who reported never having a cholesterol test in the past five years	29.4 (28.4-30.4)	25.9 (24.4-27.3)
High Cholesterol	Respondents who reported that they had ever been told by a doctor, nurse or other health professional that they had high cholesterol.	32.9 (31.9-34.0)	35.9 (34.7-37.2)
<b>COLORECTAL CANCER</b>			
Never Sigmoidoscopy	Respondents age 50 and older who reported never having had a sigmoidoscopy or colonoscopy	46.1 (43.3-48.8)	41.5 (40.3-42.6)
No Sigmoidoscopy in Past 5 Years	Respondents age 50 and older who reported not having a sigmoidoscopy or colonoscopy in the past five years.	58.7 (56.9-60.4)	51.7 (50.5-52.9)
<b>DIABETES</b>			
Diabetes Diagnosis	Respondents who reported ever having been told by a doctor that they had diabetes.	6.3 ( 5.7- 6.9)	7.1 ( 6.7- 7.4)

ADULT BEHAVIORAL RISK FACTORS

Prevalence of Obesity and Diabetes Among Adults, North Dakota, 1990-2009

29A



## ADULT BEHAVIORAL RISK FACTORS

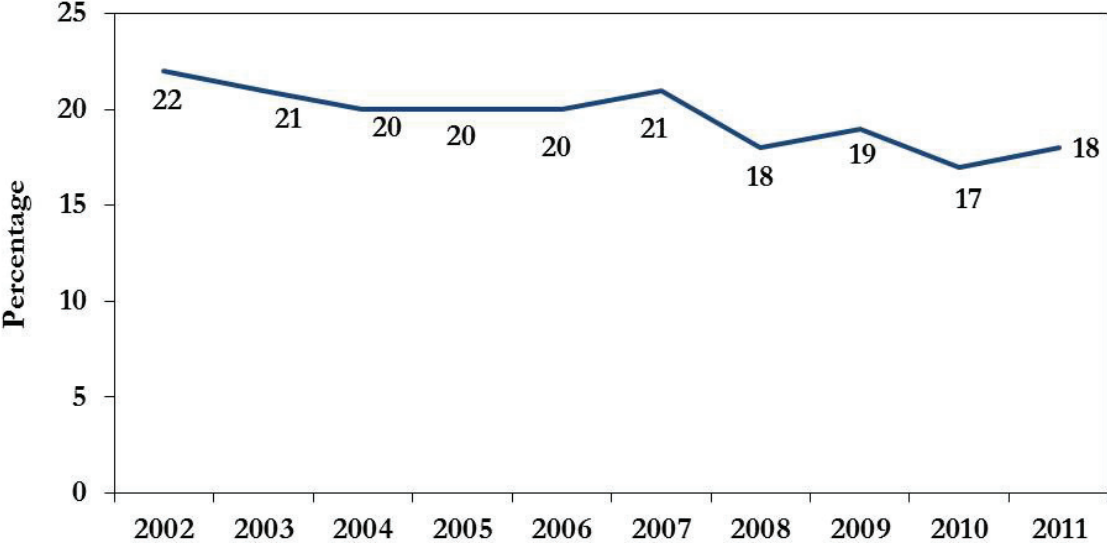
	FRUITS AND VEGETABLES	North Dakota 2001-2005 %	North Dakota 2006-2010 %
Five Fruits and Vegetables	Respondents who reported that they do not usually eat 5 fruits and vegetables per day	78.8 (77.8-79.7)	77.8 (76.7-78.9)
<b>GENERAL HEALTH</b>			
Fair or Poor Health	Respondents who reported that their general health was fair or poor	12.7 (12.1-13.3)	12.4 (11.9-12.9)
Any Activity Limitation	Respondents who reported being limited in any way due to physical, mental or emotional problem.	15.5 (14.9-16.2)	16.5 (15.9-17.1)
<b>HEALTH CARE ACCESS</b>			
Health Insurance	Respondents who reported not having any form or health care coverage	11.5 (10.9-12.1)	11.4 (10.7-12.5)
Access Limited by Cost	Respondents who reported needing to see a doctor during the past 12 months but could not due to cost.	6.9 (6.3-7.4)	6.7 (6.2-7.2)
No Personal Provider	Respondents who reported that they did not have one person they consider to be their personal doctor or health care provider.	23.5 (22.7-24.4)	23.5 (22.7-24.4)
<b>HYPERTENSION</b>			
High Blood Pressure	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had high blood pressure.	24.1 (23.2-25.0)	26.4 (25.3-27.4)
<b>IMMUNIZATION</b>			
Influenza Vaccine	Respondents age 65 and older who reported that they did not have a flu shot in the past year	27.7 (26.1-29.4)	29.4 (28.2-30.6)
Pneumococcal Vaccine	Respondents age 65 or older who reported never having had a pneumonia shot.	30.0 (28.3-31.7)	30.0 (28.8-31.2)
<b>INJURY</b>			
Seat Belt	Respondents who reported not always wearing their seatbelt	47.6 (45.5-49.7)	40.0 (38.9-41.2)
<b>ORAL HEALTH</b>			
Dental Visit	Respondents who reported that they have not had a dental visit in the past year	30.7 (29.6-31.8)	28.4 (27.4-29.4)
<b>PHYSICAL ACTIVITY</b>			
Recommend Physical Activity	Respondents who reported that they did not get the recommended amount of physical activity	52.1 (51.0-53.1)	47.5 (46.1-49.0)
<b>TOBACCO</b>			
Current Smoking	Respondents who reported that they smoked every day or some days	20.8 (20.1-21.6)	18.9 (18.2-19.6)
<b>WOMEN'S HEALTH</b>			
Pap Smear	Women 18 and older who reported that they have not had a pap smear in the past three years	12.5 (11.1-13.8)	15.1 (13.8-16.3)
Mammogram Age 40+	Women 40 and older who reported that they have not had a mammogram in the past two years	25.4 (23.5-27.3)	23.6 (22.4-24.7)
= Statistical Significance			



ADULT BEHAVIORAL RISK FACTORS

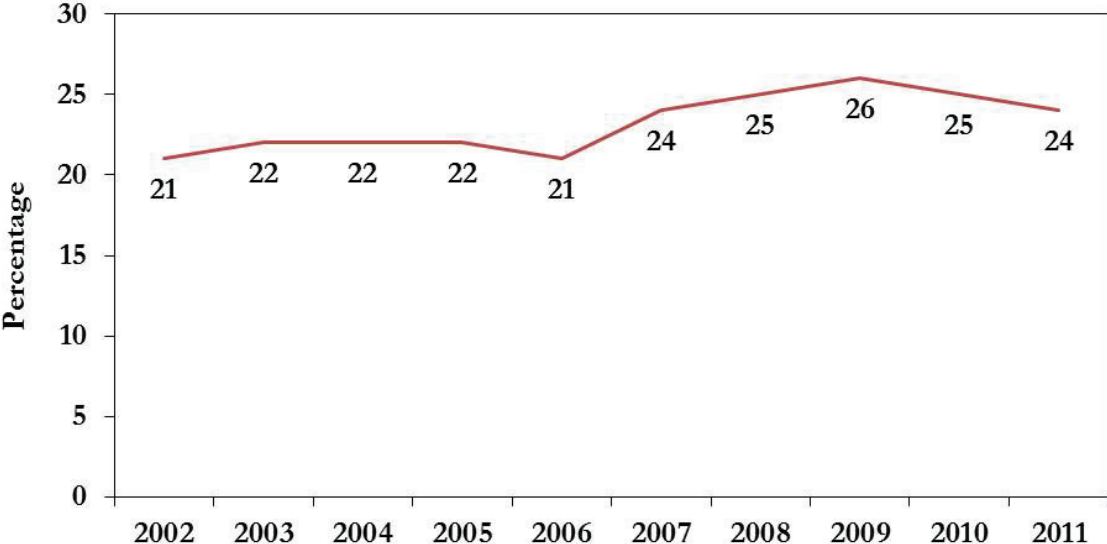
Current Smoking Among Adults,  
North Dakota, 2002-2011

30A



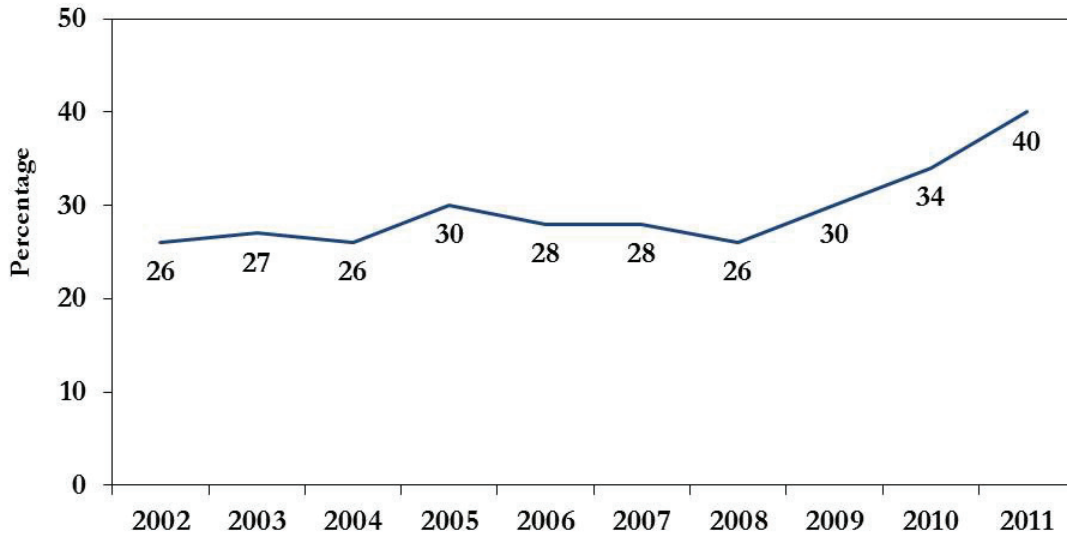
No Personal Provider in Non-Urban Areas  
North Dakota, 2002-2011

30B



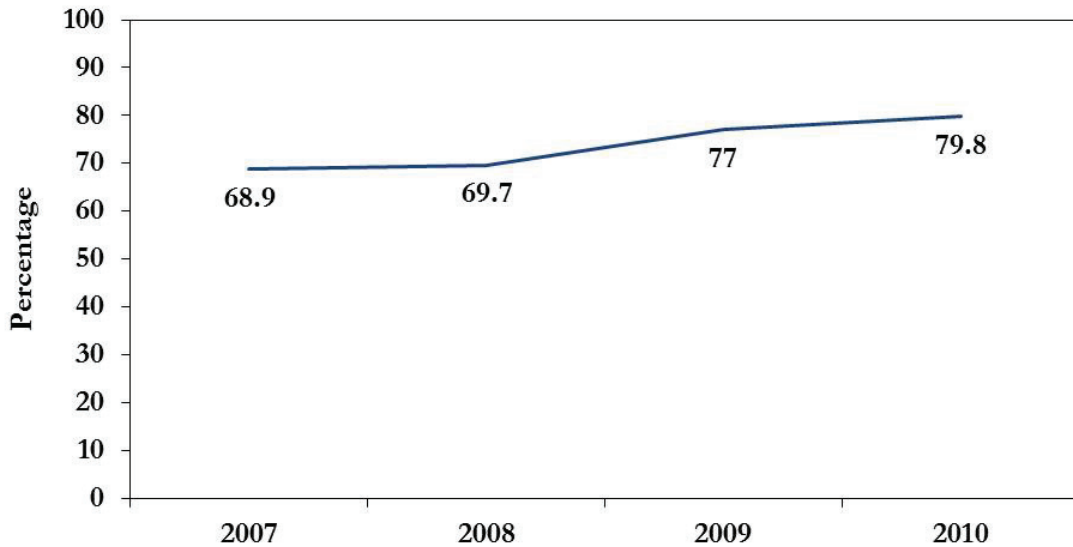
## ADULT BEHAVIORAL RISK FACTORS

Percentage of Adults 65 and Older Not Vaccinated for Influenza in Past 12 Month, 2002-2011



30C

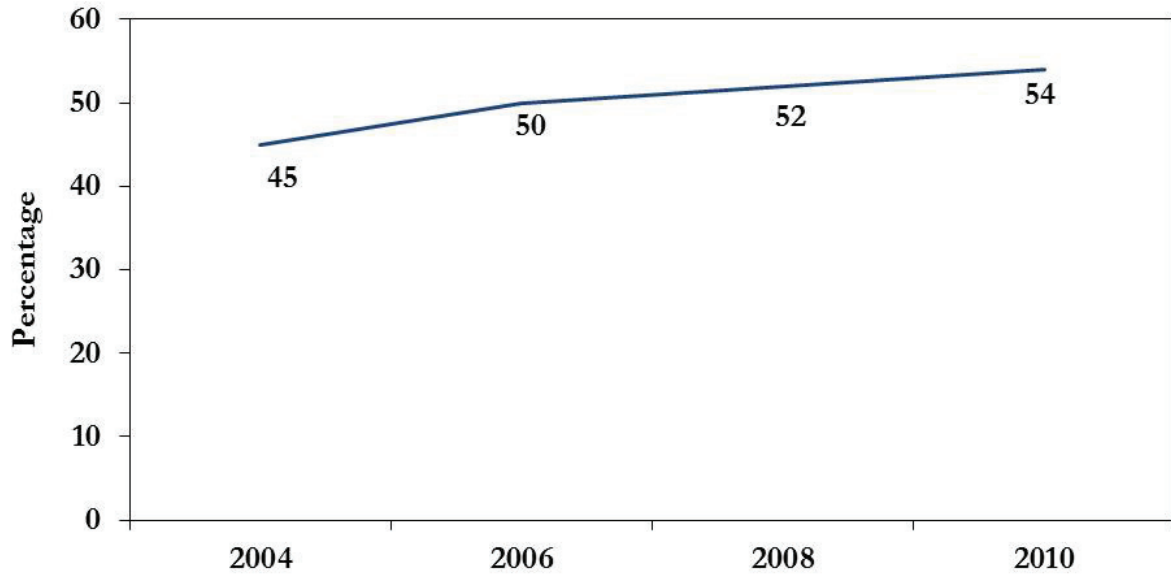
Two Year Old Vaccination 4:3:1:3:3:1:4  
North Dakota, 2007-2010



30D

## ADULT BEHAVIORAL RISK FACTORS

### Percentage of Low Income Adults with No Dental Visit in the Previous Year, North Dakota, 2004-2010



30E

## ADULT BEHAVIORAL RISK FACTORS

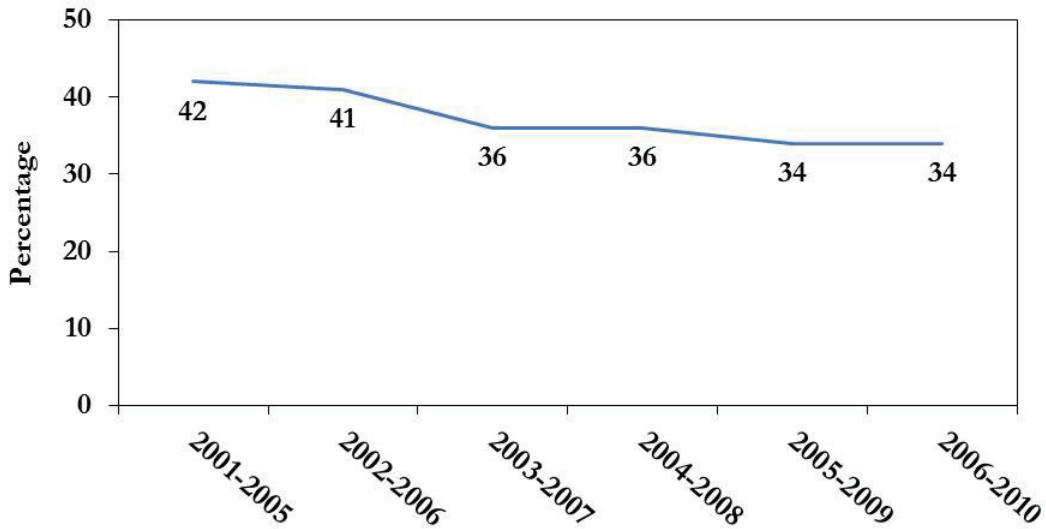
### BEHAVIORAL RISK FACTORS 2001 to 2005 and 2006-2010

	<b>ALCOHOL</b>	<b>American Indians 2001-2005</b>	<b>American Indians 2006-2010</b>
Binge Drinking	Respondents who reported binge drinking (5 drinks for men, 4 drinks for women) one or more times in the past 30 days.	25.6 (20.5-30.8)	26.3 (21.2-31.4)
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	4.6 (2.2-7.0)	4.0 (2.1-5.9)
Drunk Driving	Respondents who reported driving when they had too much to drink one or more times during the past 30 days	7.8 ( 2.0-13.6)	16.3 (7.4-23.5)
<b>BODY WEIGHT</b>			
Overweight But Not Obese	Respondents with a body mass index greater than or equal to 25 but less than 30	37.4 (31.8-43.0)	32.3 (27.1-37.5)
Obese	Respondents with a body mass index greater than or equal to 30	36.2 (31.0-41.5)	45.1 (39.5-50.7)
Overweight or Obese	Respondents with a body mass index greater than or equal to 25	73.6 (68.3-78.9)	77.4 (72.4-82.4)
<b>DIABETES</b>			
Diabetes Diagnosis	Respondents who reported ever having been told by a doctor that they had diabetes.	14.7 ( 8.9-20.4)	13.1 (10.2-16.1)
<b>HEALTH CARE ACCESS</b>			
Access Limited by Cost	Respondents who reported needing to see a doctor during the past 12 months but could not due to cost.	13.0 (8.8-17.1)	16.2 (12.6-19.7)
No Personal Provider	Respondents who reported that they did not have one person they consider to be their personal doctor or health care provider.	34.4 (29.0-39.8)	42.9 (37.3-48.5)
<b>TOBACCO</b>			
Current Smoking	Respondents who reported that they smoked every day or some days	51.6 (46.1-57.2)	47.0 (41.8-52.5)

**32A**

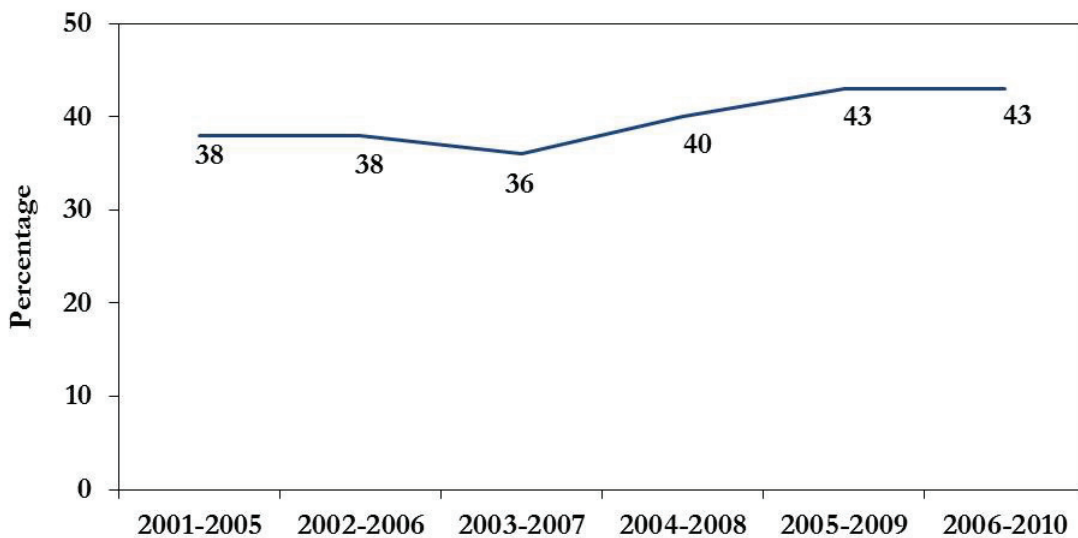
## ADULT BEHAVIORAL RISK FACTORS

### Current Smoking Among American Indian Adults, North Dakota, 2001-2010



32B

### Obesity Among Adult American Indians North Dakota, 2001-2010



32C

## CANCER INCIDENCE AND MORTALITY, 2008

Cancer incidence data is derived from high quality state cancer registries, including North Dakota. Mortality of specific cancers is derived from vital statistics data. Data is shown for common cancers for which a preventive action exists to prevent disease or death.

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<b>Cancer Incidence per 100,000, North Dakota and United States, 2008</b>		
	North Dakota	United States
Prostate (Male)	166.4	144.8
Breast (Female)	118.7	121.9
Lung and Bronchus	53.5	65.1
Colon and Rectum	53.0	44.4
Melanoma	18.6	18.8

<b>Age Adjusted Cancer Death Rate per 100,000, North Dakota and United States, 2008</b>		
	North Dakota	United States
Lung and Bronchus	45.5	49.6
Prostate (Male)	26.0	22.8
Breast (Female)	22.5	22.5
Colon and Rectum	18.2	16.4

33A

<b>All Cancer Incidence by Race, 2005-2009</b>		
	Rate	Average Annual Cases
All Races	509.8	3362
American Indian	554.6	108

<b>Female Breast Cancer Incidence by Race, 2005-2009</b>		
	Rate	Average Annual Cases
All Races	149.6	552
American Indian	154.1	18

<b>Colorectal Cancer Incidence by Race, 2005-2009</b>		
	Rate	Average Annual Cases
All Races	54.9	411
American Indian	58.3	11

<b>Lung/Bronchus Cancer Incidence by Race, 2005-2009</b>		
	Rate	Average Annual Cases
All Races	57.1	413
American Indian	114.4	19

## HIGH SCHOOL BEHAVIORAL RISKS, 2011

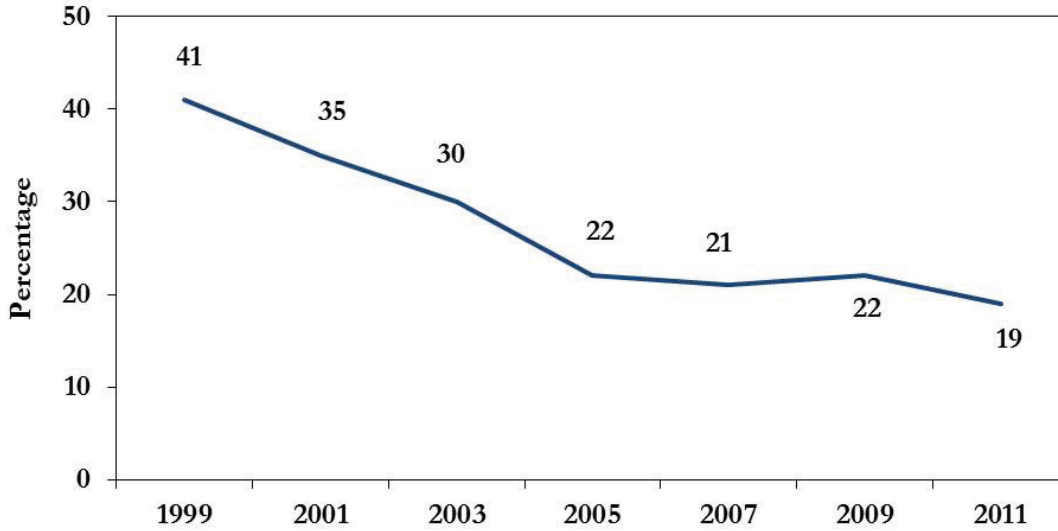
High school risk behavior data is collected by the Youth Risk Behavior Survey. The survey uses randomly selected schools and is collected every other year.

34

	North Dakota	United States
	Percent	Percent
Ride with drinking driver past 30 days	25	24
Text while driving	58	-
Bullied at school	25	20
Hit, slapped or physically hurt by boyfriend of girlfriend	7	9
Ever physically forced to have sexual intercourse	6	8
Feeling sad or hopeless prevented usual activity for 2+ weeks in past year	24	29
Seriously considered suicide in past 12 mo	15	16
Smoked cigarettes on at least one day in past 30 days	19	18
Any tobacco use at least one day in past 30 days	28	23
Drank alcohol at least one day in past 30 days	39	39
5 or more drinks within a couple of hours at least once in past 30 days	26	22
Took prescription drug without prescription at least once in past 30 days	16	21
Ever sexual intercourse	45	47
4+ lifetime sex partners	13	15
Obese	11	13
Overweight not obese	15	15
Physically active 60 minutes on 5 of 7 days	46	51
Leisure comp/video game use 3+ hours/day	25	31
TV 3+ hours per day	25	32
Had dental visit past year	76	-
Daily tooth brushing	72	-
No trusted adult for personal problem	14	-
		=statistical significance

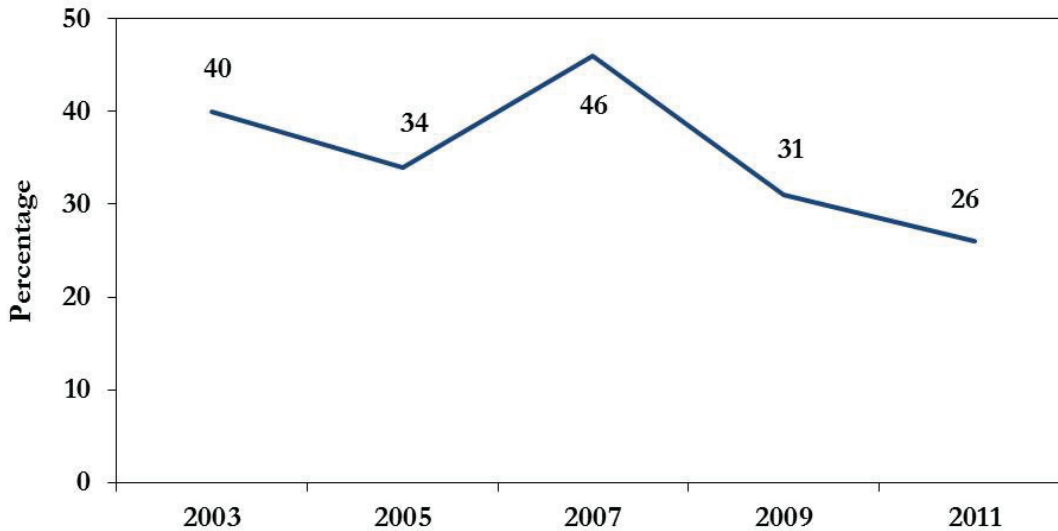
# HIGH SCHOOL BEHAVIORAL RISKS, 2011

## Current Smoking, Grades 9-12 North Dakota, 1999-2011



**34A**

## Current Binge Drinking, Grades 9-12 North Dakota, 2003-2011



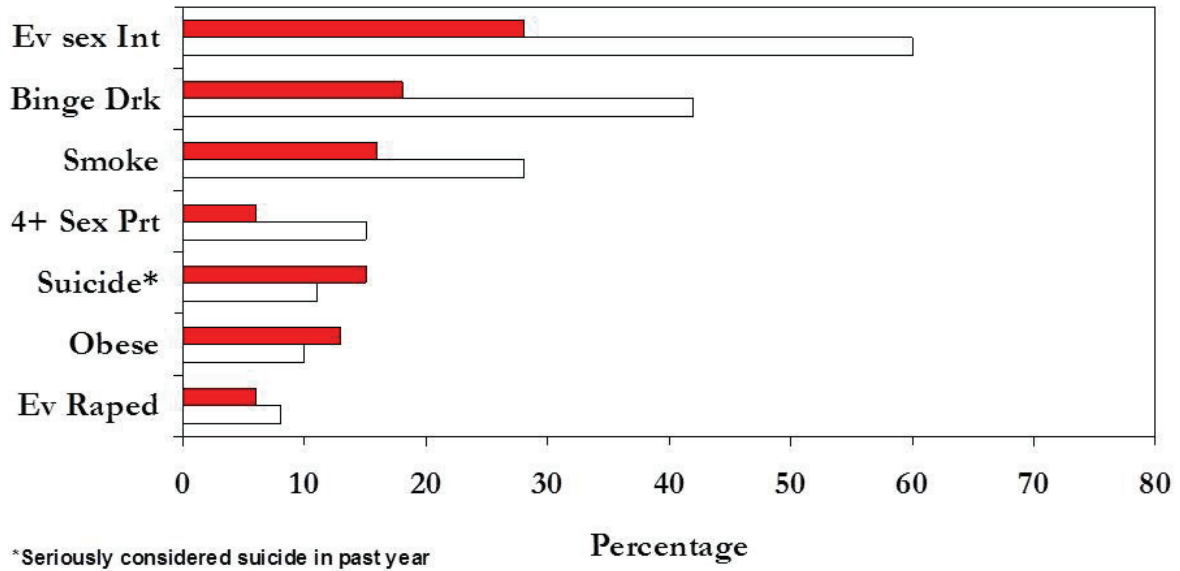
**34B**



HIGH SCHOOL BEHAVIORAL RISKS, 2011

Behavioral Health Risks Among High School Students, North Dakota 2009

34C



□ Seniors ■ Freshmen

## CHILD HEALTH INDICATORS

Child Health Indicators are selected from Kid's Count data reported on the web.

Child Indicators: Education 2010	North Dakota	United States	Child Indicators: Families and Health	North Dakota	United States
Teens 16-19 not in school and not high school graduates	4%	6%	Children in single parent families	25%	34%
High school dropouts (Dropouts per 100 persons ages 16-24)	2.2%	7.4%	Children living with neither parent	3%	5%
Average ACT composite score	21.5	21.1	Children 0-18 without health insurance	8%	10%
Average expenditure per student in public school	\$9,812	\$11,665	Children who have received preventive dental care in the past year. (2007)	77%	82%
			Children who have one or more emotional, behavioral or developmental conditions. (2007)	16%	15%
Child Indicators: Economic Health 2010	North Dakota	United States	Children in foster care	0.7%	0.5%
TANF Recipients Ages 0-19 (Percent of persons ages 0-19)	4.7%	4%	Youth residing in correctional facilities per 100,000 (2006)	355	295
Percent of Eligible Persons who Participate in SNAP	76%	72%			
Children living in crowded housing	6%	14%			
Children living in a household that was food insecure at some point during the year	11%	22%			
Median Income for Families with Children Ages 0-17 *	\$61,035	\$54,900			
Percentage of children Ages 0-17 Living in Extreme Poverty	8%	10%			

## CRIME

North Dakota crime data is obtained from the North Dakota web site for the North Dakota Bureau of Criminal

<b>North Dakota</b>							
	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>5 year</b>	<b>5-Year Rate</b>
Murder	8	16	4	15	11	54	1.7
Rape	184	202	222	206	222	1,036	32.3
Robbery	69	68	71	102	85	395	12.3
Assault	525	599	738	795	847	3,504	109.2
<b>Violent crime</b>	<b>786</b>	<b>885</b>	<b>1,035</b>	<b>1,118</b>	<b>1,165</b>	<b>4,989</b>	<b>155.5</b>
Burglary	2,364	2,096	2,035	2,180	1,826	10,501	327.4
Larceny	8,884	8,672	8,926	8,699	8,673	43,854	1367.2
Motor vehicle theft	966	878	854	825	763	4,286	133.6
<b>Property crime</b>	<b>12,214</b>	<b>11,646</b>	<b>11,815</b>	<b>11,704</b>	<b>11,262</b>	<b>58,641</b>	<b>1828.2</b>
<b>Total</b>	<b>13,000</b>	<b>12,531</b>	<b>12,850</b>	<b>12,822</b>	<b>12,427</b>	<b>63,630</b>	<b>1983.8</b>
<b>United States</b>							
	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>5 year</b>	<b>5-Year Rate</b>
Murder	17,309	17,128	16,465	15,399	14,748	81,049	5.3
Rape	94,472	92,160	90,750	89,241	84,767	451,390	29.7
Robbery	449,246	447,324	443,563	408,742	367,832	2,116,707	139.2
Assault	847,096	866,358	843,683	812,514	778,901	4,148,552	272.9
<b>Violent crime</b>	<b>1,408,123</b>	<b>1,422,970</b>	<b>1,394,461</b>	<b>1,325,896</b>	<b>1,246,248</b>	<b>6,797,698</b>	<b>447.1</b>
Burglary	2,194,993	2,190,198	2,228,887	2,023,313	2,159,878	10,797,269	710.2
Larceny	6,626,363	6,591,542	6,586,206	6,338,095	6,185,867	32,328,073	2126.4
Motor vehicle theft	1,198,245	1,100,472	959,059	795,652	737,142	4,790,570	315.1
<b>Property crime</b>	<b>10,019,601</b>	<b>9,882,212</b>	<b>9,774,152</b>	<b>9,157,060</b>	<b>9,082,887</b>	<b>47,915,912</b>	<b>3151.7</b>
<b>Total</b>	<b>11,427,724</b>	<b>11,305,182</b>	<b>11,168,613</b>	<b>10,482,956</b>	<b>10,329,135</b>	<b>54,713,610</b>	<b>3598.9</b>

## INFECTIOUS DISEASES

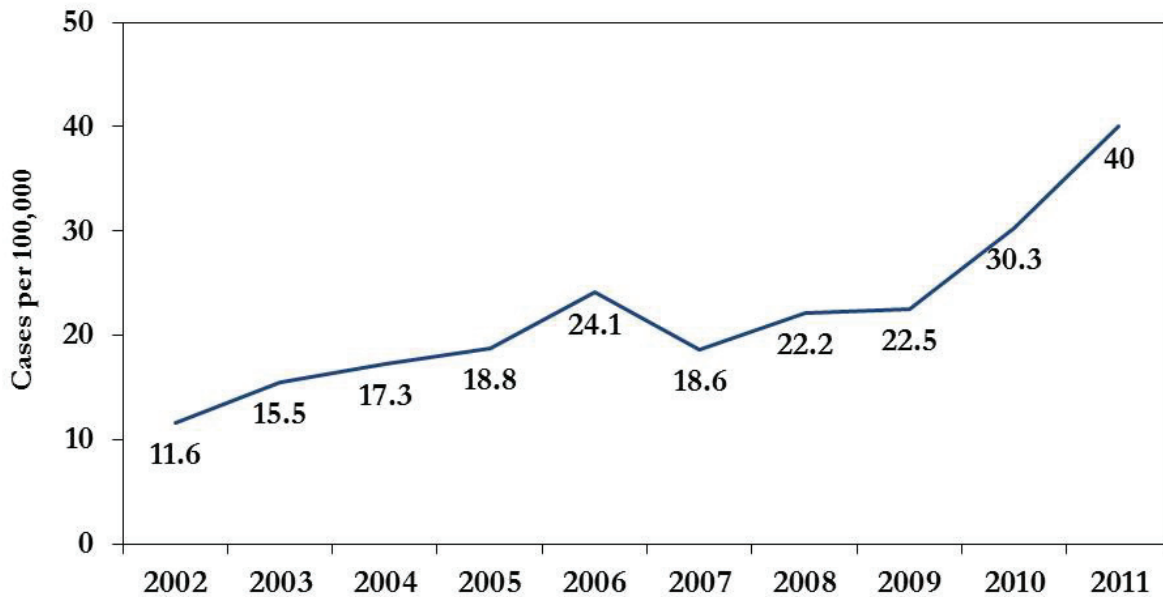
North Dakota infectious disease data are derived primarily from case reports and laboratory reports. It does not represent all cases which occurred in the state, but only those recognized and reported. Only selected infectious agents are presented here.

**Infectious Disease Rates, North Dakota and US**

		Years	North Dakota		United States
			Number	Rate/100K	Rate/100K
Vaccine Preventable	Pertussis	2,010	30	5	102
	Hib	2010	10	2	1
Sexually Transmitted	Gonorrhea	2010	204	31	112
	Chlamydia	2010	2,405	370	408
	HIV/AIDS	2010	39	6	12
Enteric (intestinal)	Salmonella	2010	59	9	18
	Shigella	2010	9	1	1
Antibiotic Resistance	Enterococcus, Vancomycin resistant	2010	328	50	NA

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**Gonorrhea Incidence, North Dakota, 2002-2011**



**37A**