

Sargent County Community Health Profile

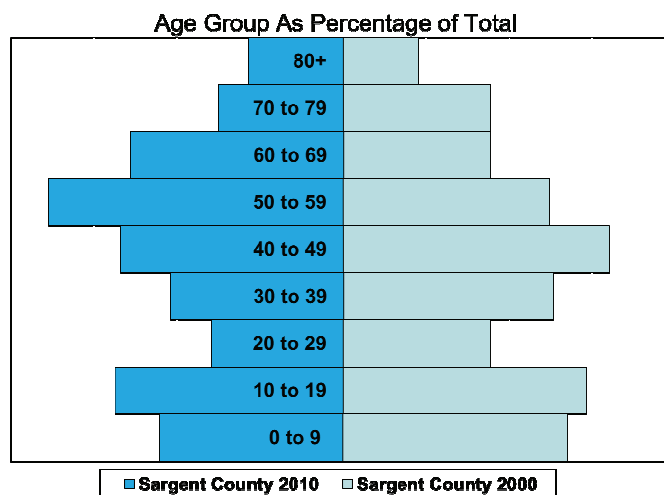
POPULATION

The Demographic Section of this report comes from the US Census Bureau (www.census.gov). Most tables are derived either from the full (100%) census taken in 2010 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. The table showing percent population change uses census data from 2000 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).

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Population by Age Group, 2010 Census				
Age Group	Sargent County		North Dakota	
	Number	Percent	Number	Percent
0-9	421	11.0%	84,671	12.6%
10-19	523	13.7%	87,264	13.0%
20-29	301	7.9%	108,552	16.1%
30-39	397	10.4%	77,954	11.6%
40-49	514	13.4%	84,577	12.6%
50-59	678	17.7%	96,223	14.3%
60-69	489	12.8%	61,901	9.2%
70-79	288	7.5%	39,213	5.8%
80+	218	5.7%	32,236	4.8%
Total	3,829	100.0%	672,591	100.0%
0-17	872	22.8%	149,871	22.3%
65+	727	19.0%	97,477	14.5%

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Female Population and Percentage Female by Age, 2010 Census				
Age Group	Sargent County		North Dakota	
	Number	Percent	Number	Percent
0-9	194	46.1%	41,330	48.8%
10-19	232	44.4%	42,277	48.4%
20-29	123	40.9%	50,571	46.6%
30-39	179	45.1%	37,144	47.6%
40-49	252	49.0%	41,499	49.1%
50-59	307	45.3%	47,283	49.1%
60-69	231	47.2%	30,699	49.6%
70-79	137	47.6%	21,453	54.7%
80+	131	60.1%	20,471	63.5%
Total	1,786	46.6%	332,727	49.5%
0-17	396	45.4%	73,083	48.8%
65+	379	52.1%	55,050	56.5%

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Decennial Population Change, 1990 to 2000, 2000 to				
Census	Sargent County	10 Year Change	North Dakota	10 Year Change
1990	4,549	(%)	638,800	(%)
2000	4,366	-4.0%	642,200	0.5%
2010	3,829	-12.3%	672,591	4.7%

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Race, 2010 Census				
Race	Sargent County		North Dakota	
	Number	Percentage	Number	Percentage
Total	3,829	100.0%	672,591	100.0%
White	3,753	98.0%	605,449	90.0%
Black	2	0.1%	7,960	1.2%
Am.Indian	20	0.5%	36,591	5.4%
Asian	9	0.2%	6,909	1.0%
Pac. Islander	4	0.1%	320	0.0%
Other	13	0.3%	3,509	0.5%
Multirace	28	0.7%	11,853	1.8%

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Household Populations, 2010				
Household Type	Sargent County		North Dakota	
	Number	Percentage	Number	Percentage
Total	3,971	100.0%	659,858	100.0%
In households	3,961	99.7%	634,679	96.2%
In family households:	3,242	81.6%	504,148	76.4%
In nonfamily households:	719	18.1%	130,531	19.8%
In group quarters	37	0.9%	25,179	3.8%
Institutionalized population	37	0.9%	9,675	1.5%
Noninstitutionalized population	0	0.0%	15,504	2.3%

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Marital Status of Persons Age 15 and Older, 2006-2010 ACS				
Marital Status	Sargent County		North Dakota	
	Number	Percent	Number	Percent
Total Age 15+	6,252	100.0%	538,799	100.0%
Never Married	1,313	21.0%	163,256	30.3%
Now Married	3,782	60.5%	288,257	53.5%
Separated	19	0.3%	4,310	0.8%
Widowed	456	7.3%	36,100	6.7%
Divorced	681	10.9%	46,876	8.7%

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Educational Attainment, 2006-2010, ACS				
	Sargent County		North Dakota	
	Estimate	Percent	Estimate	Percent
Population 25 years and over	2,812	100.0%	429,333	100.0%
Less than 9th grade	160	5.7%	24,043	5.6%
9th to 12th grade, no diploma	166	5.9%	21,467	5.0%
High school graduate or GED	1,142	40.6%	120,643	28.1%
Some college, no degree	619	22.0%	99,176	23.1%
Associate's degree	301	10.7%	51,091	11.9%
Bachelor's degree	380	13.5%	83,291	19.4%
Grad degree or prof degree	42	1.5%	29,624	6.9%

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Income and Poverty Status by Age Group, 2006-2010, ACS				
	Sargent County		North Dakota	
Median Household Income	\$49,318		\$46,781	
Per Capita Income	\$26,553		\$25,803	
	Number	Percent	Number	Percent
Below Poverty Level	308	7.8%	78,405	12.3%
Under 5 years	24	11.6%	4,120	9.2%
5 to 11 years	30	9.5%	7,908	14.2%
12 to 17 years	43	12.3%	5,457	11.0%
18 to 64 years	136	6.1%	46,471	12.0%
65 to 74 years	20	5.0%	4,149	8.9%
75 years and over	55	16.9%	7,072	14.0%
Total Known Children in Poverty (0-17)	97	11.1%	17,485	11.7%
Total Known Age 65+ in Poverty	75	10.3%	11,221	11.5%

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Family Poverty and Childhood and Elderly Poverty, 2006-2010, ACS				
	Sargent County		North Dakota	
	Number	Percent	Number	Percent
Total Families	1,125	100.0%	170,477	100.0%
Families in Poverty	64	5.7%	12,274	7.2%
Families with Related Children	469	41.7%	78,224	45.9%
Families with Related Children in Poverty	53	4.7%	10,679	6.3%
Families with Related Children and Female Parent Only	97	8.6%	15,482	9.1%
Families with Related Children and Female Parent Only in Poverty	36	3.2%	6,022	3.5%

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Vital Statistics Data

BIRTHS AND DEATHS

Vital Statistics Data comes from the birth and death records collected by the State of North Dakota 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.

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.

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Births, 2006-2010				
	Sargent County		North Dakota	
	Number	Rate	Number	Rate
Live Births	193	10	44,427	13
Pregnancies	206	11	48,818	15
Fertility Ratio		74		71
Teen Births	0	0	3,337	19
Teen Pregnancies	0	0	4,062	23
	Number	Ratio	Number	Ratio
Out of Wedlock Births	35	181	14,506	327
Out of Wedlock Pregnancies	47	228	18,103	371
Low Birth Weight Births	0	0	2,919	66

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Deaths, 2006-2010				
	Sargent County		North Dakota	
	Number	Ratio	Number	Ratio
Infant Deaths	<6	NR	281	6
	Number	Rate	Number	Rate
Child and Adolescent Deaths	<6	NR	285	35
Total Deaths	199	1039	28,984	862

Sargent County Community Health Profile

Vital Statistics Data

BIRTHS AND DEATHS

Deaths and Age Adjusted Death Rate by Cause, 2006-2010		
	Sargent County	North Dakota
	Number (Adj. Rate)	Number (Adj. Rate)
All Causes	199 (741)	28,985 (689)
Heart Disease	51 (185)	7,122 (162)
Cancer	58 (211)	6,544 (162)
Stroke	5 (18)	1,696 (38)
Alzheimers Disease	13 (44)	1,936 (40)
COPD	10 (34)	1,607 (39)
Unintentional Injury	10 (51)	1,545 (42)
Diabetes Mellitus	10 (35)	1,072 (26)
Pneumonia and Influenza	4 (14)	702 (15)
Cirrhosis	1 (3)	289 (8)
Suicide	3 (22)	462 (14)

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Vital Statistics Data

BIRTHS AND DEATHS

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Leading Causes of Death by Age Group for Sargent County, 2004-2008			
Age	1	2	3
0-4	Prematurity		
5-14	Unintentional Injury		
15-24	Suicide		
	Unintentional Injury		
25-34	Suicide		
35-44	Cancer	Suicide	
	Unintentional Injury	Heart	
45-54	Cancer	Unintentional Injury	Heart
55-64	Cancer	COPD	Cirrhosis
	8		Stroke
65-74	Cancer	Heart	Diabetes
	15	8	
75-84	Heart	Cancer	Diabetes
	22	17	
85+	Heart	Cancer	Alzheimer's Dz
	18	11	9

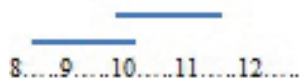
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Leading Causes of Death by Age Group for North Dakota, 2006-2010			
Age	1	2	3
0-4	Congenital Anomaly 69	Prematurity 44	SIDS 40
5-14	Unintentional Injury 26	Cancer 10	Congenital Anomaly 6
15-24	Unintentional Injury 184	Suicide 109	Cancer 20
25-34	Unintentional 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

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ADULT BEHAVIORAL RISK FACTORS, 2001-2010

Adult Behavioral Risk Factor data are derived from aggregated data (the number of years specified is in the table) 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.



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	ALCOHOL	Sargent 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.	23.3 (17.8-28.9)	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	3.8 (1.2- 6.3)	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	5.9 (0.6-11.2)	5.7 (5.1- 6.2)
	ARTHRITIS		
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	37.6 (28.3-46.9)	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.	19.2 (12.4-26.0)	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 of arthritis.	37.1 (28.8-45.4)	27.2 (26.5-27.9)
	ASTHMA		
Ever Asthma	Respondents who reported ever having been told by a doctor, nurse or other health professional that they had asthma.	10.6 (6.4-14.7)	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.	6.1 (2.9- 9.3)	7.5 (7.2- 7.9)

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ADULT BEHAVIORAL RISK FACTORS, 2001-2010

	BODY WEIGHT	Sargent County %	North Dakota %
Overweight But Not Obese	Respondents with a body mass index greater than or equal to 25 but less than 30 (overweight)	40.4 (34.1-46.7)	38.7 (38.0-39.3)
Obese	Respondents with a body mass index greater than or equal to 30 (obese)	27.3 (21.2-33.4)	25.4 (24.9-26.0)
Overweight or Obese	Respondents with a body mass index greater than or equal to 25 (overweight or obese)	67.7 (61.5-73.9)	64.1 (63.5-64.8)
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.	3.4 (1.3- 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.	2.4 (0.7- 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.	2.8 (0.9- 4.8)	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.	5.8 (3.1- 8.5)	7.4 (7.1- 7.7)
CHOLESTEROL			
Never Cholesterol Test	Respondents who reported never having a cholesterol test	19.2 (11.9-26.5)	23.0 (22.2-23.8)
No Cholesterol Test in Past 5 Years	Respondents who reported never having a cholesterol test in the past five years	25.5 (17.7-33.3)	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.	39.1 (30.6-47.6)	34.0 (33.2-34.8)
COLORECTAL CANCER			
Fecal Occult Blood	Respondents age 50 and older who reported not having a fecal occult blood test in the past two years.	NA	78.3 (77.5-79.2)
Never Sigmoidoscopy	Respondents age 50 and older who reported never having had a sigmoidoscopy or colonoscopy	NA	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.	51.6 (40.3-62.9)	55.0 (54.0-56.1)
DIABETES			
Diabetes Diagnosis	Respondents who reported ever having been told by a doctor that they had diabetes.	8.9 (5.2-12.6)	6.9 (6.6- 7.2)
FRUITS AND VEGETABLES			
Five Fruits and Vegetables	Respondents who reported that they do not usually eat 5 fruits and vegetables per day	76.7 (69.8-83.7)	78.4 (77.7-79.1)

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ADULT BEHAVIORAL RISK FACTORS, 2001-2010

	GENERAL HEALTH	Sargent County %	North Dakota %
Fair or Poor Health	Respondents who reported that their general health was fair or poor	13.8 (9.8-17.9)	12.6 (12.2-12.9)
Poor physical Health	Respondents who reported they had 8 or more days in the last 30 when their physical health was not good	10.2 (6.1-14.3)	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	9.8 (4.5-15.0)	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.	7.6 (3.7-11.5)	5.7 (5.4- 6.0)
Any Activity Limitation	Respondents who reported being limited in any way due to physical, mental or emotional problem.	16.4 (11.7-21.0)	16.0 (15.6-16.5)
HEALTH CARE ACCESS			
Health Insurance	Respondents who reported not having any form or health care coverage	10.8 (5.8-15.8)	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.	8.7 (3.3-14.1)	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.	19.8 (14.7-24.9)	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.	26.6 (19.4-33.8)	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	24.3 (15.8-32.8)	28.6 (27.6-29.6)
Pneumococcal Vaccine	Respondents age 65 or older who reported never having had a pneumonia shot.	32.4 (22.8-42.0)	30.0 (28.9-31.0)
INJURY			
Fall	Respondents 45 years and older who reported that they had fallen in the past 3 months	NA	15.5 (14.7-16.2)
Seat Belt	Respondents who reported not always wearing their seatbelt	43.1 (32.8-53.4)	41.9 (40.9-42.9)

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ADULT BEHAVIORAL RISK FACTORS, 2001-2010

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	ORAL HEALTH	Sargent County %	North Dakota %
Dental Visit	Respondents who reported that they have not had a dental visit in the past year	36.4 (27.7-45.0)	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.	19.3 (13.1-25.5)	16.0 (15.5-16.6)
PHYSICAL ACTIVITY			
Recommend Physical Activity	Respondents who reported that they did not get the recommended amount of physical activity	51.5 (42.6-60.3)	50.5 (49.7-51.4)
No Leisure Physical Activity	Respondents who reported that they participated in no leisure time physical activity	7.7 (3.3-12.1)	6.9 (6.5- 7.4)
TOBACCO			
Current Smoking	Respondents who reported that they smoked every day or some days	19.9 (14.1-25.7)	19.8 (19.3-20.4)
WOMEN'S HEALTH			
Pap Smear	Women 18 and older who reported that they have not had a pap smear in the past three years	12.4 (4.5-20.3)	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	21.1 (11.3-30.9)	24.3 (23.3-25.3)

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CHILD HEALTH INDICATORS

Child Health Indicators are selected from Kid's Count data reported on the web. The descriptive line tells what the number present and the part of the description in parentheses tells what the number in parentheses means. If the year of the data is different than other data in the table, the year is footnoted.

Child Indicators: Education 2010	Sargent County	North Dakota
Children Ages 3 to 4 in Head Start (Percent of eligible 3 to 4 year olds)*	8 (33)	2,607 (65)
Enrolled in Special Education Ages 3-21 (Percent of persons ages 3-21)	122 (18)	13,170 (14)
High School Dropouts (Dropouts per 1000 persons ages 16-24)	1 (0.4)	701 (2.2)
Average ACT Composite Score	21.3	21.5
Average Expenditure per Student in Public School	\$9,318	\$9,812
*Year 2008 data		
Child Indicators: Economic Health 2010		
TANF Recipients Ages 0-19 (Percent of persons ages 0-19)	8 (0.8)	7,819 (4.7)
SNAP Recipients Ages 0-19 (Percent of all children ages 0-19)	121 (13)	37,553 (24)
Children Receiving Free and Reduced Price Lunches (Percent of total school enrollment)	223 (33)	33,870 (33)
WIC Program Participants	95	24,331
Medicaid Recipients Ages 0-20 (Percent of all persons ages 0-20)	158 (15)	49,110 (27)
Median Income for Families with Children Ages 0-17 *	\$60,417	\$61,035
Children Ages 0-17 Living in Extreme Poverty (Percent of children 0-17 for whom poverty is determined)*	21 (2.3)	10,100 (7.2)
*Year 2009 data		
Child Indicators: Families and Child Care 2010		
Child Care Providers	14	3,176
Child Care Capacity (Percent of children 0-13)	149 (25)	41,478 (38)
Mothers with a Child Ages 0-17 in Labor Force (Percent of all mothers with a child ages 0-17)*	356 (92)	57,059 (82)
Children Ages 0-17 Living in a Single Parent Family (Percent of all children ages 0-17)*	212 (23)	30,058 (21)
Children in Foster Care (Percent of children ages 0-18)	3 (0.3)	1,912 (1.2)
Children Ages 0-17 with Suspected Child Abuse or Neglect (Cases per 100 children 0-17)	NA	6,399 (4.4)
Children Ages 0-17 Impact by Domestic Violence (Percent of all children ages 0-17)	19 (2.1)	4,180 (2.9)
Births to Mothers with Inadequate Prenatal Care**	NA	389 (4.3)
* Year 2009 data		
Child Indicators: Juvenile Justice 2010		
Children Ages 0-17 Referred to Juvenile Court (Percent of all children ages 0-17)	11 (2.3)	5,139 (8.1)
Offense Against Person Juvenile Court Referral (Percent of total juvenile court referral)	1 (5.9)	784 (8.2)
Alcohol-Related Juvenile Court Referral (Percent of all juvenile court referrals)	9 (53)	1,464 (15)