

**North Dakota Oral Health Program
Surveillance System Indicators
1992 - 2007**

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
Children and Youth																	
Head Start Program Information Report (PIR)																	
Percentage of Head Start children who had a dental examination in the past year													87.0	89.5	93.7	92.9	
Percentage of Head Start children examined who need dental treatment													26.8	23.4	27.0	30.1	
Percentage of Head Start children examined and needing dental treatment who receive treatment													88.9	84.5	82.2	69.3	
Percentage of Head Start children examined who received preventive care													60.1	75.3	75.0	79.6	
Basic Screening Survey (BSS)																	
* Percentage of 3rd grade students with dental sealants on at least one permanent molar														52.7			
* Percentage of 3rd grade students with caries experience (treated or untreated)														55.6			
* Percentage of 3rd grade students with untreated tooth decay														16.9			
Percentage of 3rd grade students in need of urgent care														1.1			
Percentage of 3rd grade students who have had a previous dental visit														95.2			
Medicaid Claims																	
Percentage of Medicaid enrolled children who had a dental visit during the year											26	29	27	27	27	25	25
Vital Records																	
Number of babies born with cleft lip/cleft palate	14	18	22	11	13	8	16	8	11	12	9	8	15	12	15		
Rate of babies born with cleft lip/cleft palate per 1,000 live births	1.6	2.1	2.6	1.3	1.6	1.0	2.0	1.0	1.4	1.6	1.2	1.0	1.8	1.4	1.7		

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Youth Risk Behavior Survey (YRBS)																
Grades 9-12																
Percentage of youth reporting a dental visit in the last year				65.2				76.6		75.5		76.1		76.6		77.1
Percentage of youth reporting no cavities				34.3				33.6		34.1		33.9		35.5		37.1
Percentage of youth reporting one or more cavities				55.2				56.5		57.5		56.3		56.7		54.6
Percentage of youth reporting use of chewing tobacco, snuff or dip in the past 30 days				13.2				15.1		13.2		10.3		11.2		11.7
Grades 7-8																
Percentage of youth reporting a dental visit in the last year								81.9		81.8		83.8		79.9		70.3
Percentage of youth reporting use of chewing tobacco, snuff or dip in the past 30 days				22.7				7.2		6.3		3.3		5.2		2.8
Youth Tobacco Survey (YTS)																
Grades 9-12																
Percentage of youth who have ever used chewing tobacco, snuff or dip												27.0		29.4		25.1
Percentage of youth who have used chewing tobacco, snuff or dip in the past 30 days												10.0		12.7		10.2
Grades 7-8																
Percentage of youth who have ever used chewing tobacco, snuff or dip												16.3		12.1		11.4
Percentage of youth who have used chewing tobacco, snuff or dip in the past 30 days												7.8		4.1		3.3

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Adults and Elderly																
Medicaid Claims																
Percentage of Medicaid enrolled adults who had a dental visit during the year										28	31	27	27	27	26	28
Behavioral Risk Factor Surveillance System (BRFSS)																
* Percentage of adults 18 and older who have visited a dentist or dental clinic in the past year				68.6			70.8	66.2		70.4	69.2		68.4		70.8	
* Percentage of adults 18 and older who have had their teeth cleaned in the past year (among adults with natural teeth who have ever visited a dentist or dental clinic)								69.3		67.7	67.3		67.6		69.9	
* Percentage of adults 65 and older who have lost all of their natural teeth due to tooth decay or gum disease				32.5			29.7	38.7		24.6	22.9		25.0		22.9	
* Percentage of adults 65 and older who have lost six or more teeth due to tooth decay or gum disease				63.4			57.3	65.0		54.5	53.0		49.3		48.9	
Percentage of adults 18 and older with diabetes who have visited a dentist or dental clinic in the past year				64.0			60.7	56.7		62.8	62.0		58.3		61.4	
Percentage of adults 18 and older who currently use spit tobacco					5.0		4.0					5.1		4.7		
New Mother's Survey/ Pregnancy Risk Assessment Monitoring system (PRAMS)																
Percentage of women who had a dental visit during their pregnancy					43			45			43.5					
Percentage of pregnant women who received information from a health care provider on the importance of dental care during and after pregnancy								28			36.1					
Percentage of pregnant women (new mothers) who had teeth cleaned within the last year											67.6					

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All Ages - State Level																
Cancer Registry																
* Age adjusted incidence rate per 100,000 population of new cases of oral and pharyngeal cancer						9.8	11.9	11.3	10.5	9.5	13.6	9.4	10.5	7.0		
Vital Records																
* Number of oral and pharyngeal cancer deaths	15	15	14	12	14	15	11	11	21	22	30	17	16	11	10	11 ^P
* Age adjusted mortality rate per 100,000 population caused by oral and pharyngeal cancers	2.1	2.3	2.1	1.6	1.9	2.5	1.9	2.5	2.9	3.1	4.4	2.4	2.2	2.1	1.4	
Licensure Workforce Survey																
Number of Full-Time-Equivalent (FTE) licensed practicing dentists	287	289	294	300	298	294	294	285	288	282	277	277	302	302	311	309
Rate of practicing dentists per 100,000 population	44.9	45.2	46.0	47.0	46.6	46.0	46.0	44.6	44.8	43.9	43.1	43.1	47.0	47.0	48.4	48.1
Number of FTE licensed dental hygienists							342	340	340	340	349	349	383	383	382	483
Number of FTE certified dental assistants									355	320	310	363	375	417	434	433
Dental Workforce Survey																
Percentage of practicing dentists who work part-time														10		
Percentage of practicing dentists who plan to retire in 1 to 5 years														15		
Percentage of practicing dentists who accept any and all Medicaid patients														19		
Water Fluoridation Reporting System (WFRS)																
* Percentage of people served by public water systems who receive fluoridated water									95.4		95.5		95.8		96.2	
Percentage of public water systems that maintain optimal fluoride levels									91.8	88.2	94.1	91.8	89.4	92.9	91.8	95.3

* National Oral Health Surveillance System objectives

^P Provisional

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Demographics					
	1990 Census			2000 Census	
	Count	Percentage		Count	Percentage
Population, Race and Ethnicity					
Total Population	638,800	100%		642,200	100%
White	604,142	94.6%		593,181	92.4%
Native American	25,917	4.1%		31,329	4.9%
Asian	3,317	0.5%		3,606	0.6%
Black	3,524	0.6%		3,916	0.6%
Native Hawaiian and other Pacific Islander	145	0.0%		230	0.0%
Some other race	1,755	0.3%		2,540	0.4%
2 or more races				7,398	1.2%
Hispanic (any race)	4,665	0.7%		7,786	1.2%
Gender					
Female	320,599	50.2%		321,676	50.1%
Male	318,201	49.8%		320,524	49.9%
Age					
Under age 18	175,385	27.5%		160,849	25.0%
Age 18 through 64	372,360	58.3%		386,873	60.2%
Age 65 and older	91,055	14.3%		94,478	14.7%
Educational Level - Population 25 and Over					
Less than high school	92,427	23.3%		65,956	16.1%
High school graduate	111,215	28.0%		113,931	27.9%
At least some college	192,908	48.6%		228,698	56.0%
Income Status					
Median Household Income	\$ 23,213			\$ 34,604	
Families below poverty	18,388	10.9%		13,890	8.3%
Individuals below poverty	88,276	14.4%		73,457	11.9%
Geographic statistics					
People per square mile	9.03			9.08	
Number of frontier counties	35			36	
Land mass	70,704 square miles				
Number of counties	53 counties				