North Dakota Demographics

How our Changing Population will Impact Elementary & Secondary Education

Presented to:
Educational Committee
September 20, 2007

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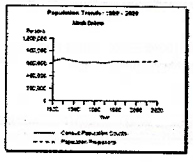
Department of Public Instruction

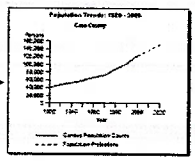
North Dakota Population Historical Overview

1930	680,845
1940	641,935
1950	619,636
1960	632,446
1970	617,761
1980	652,717
1990	638,800
2000	642,200
2005 (est.)	636,677

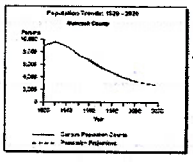
North Dakota



Cass County



4 similar counties



40 similar counties

McIntosh County

North Dakota Resident Births Per Year for 1982, 1996, and 2005 and Percent Change

	1982	1996	2005	Difference 1996-2005	Percent Change
Statewide	12,655	8,336	8,381	+45	-1%
Frontier Counties (36)	2,987	1,357	1,382	+25	-2%
Non-Frontier Counties	9,668	6,979	6,999	+20	0%

NDDPI: 5/30/2007

Historical North Dakota Public School Change in Enrollment by Frontier Status of Counties

	1994-95	2006-07	Difference 1995-2007	Percent Change
Statewide (53)	118,649	95,600	-23,049	-19%
Frontier Counties (36)	28,439	19,250	-9,189	-32%
Non-Frontier Counties (17)	90,210	76,350	-13,860	-15%

NDDPI: 5/30/2007

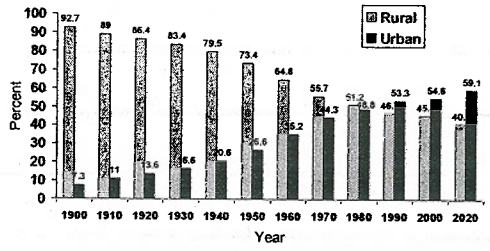
Projected North Dakota Public School Change in Enrollment by Frontier Status of Counties

	2006-07	2017-18	Difference 2007-2018	Percent Change
Statewide (53)	95,600	85,530	-10,070	-11%
Frontier Counties (36)	19,250	14,902	-4,348	-23%
Non-Frontier Counties (17)	76,350	70,628	-5,722	-7%

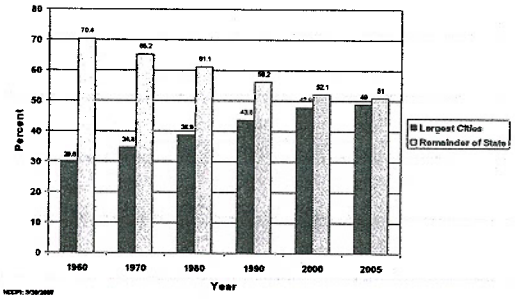
NDDPI: 5/30/2007

N.D. Rural-Urban Population Distribution, 1900-2020

Source: U.S. Bureau of the Census, Decennial Censuses.

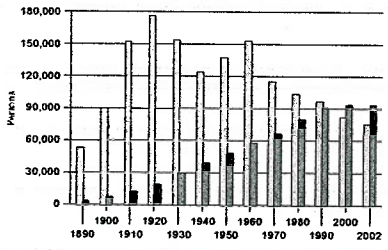


Percent of State Population Living in North Dakota's Largest Cities vs. Those Living in the Remainder of the State



Population of Persons Ages 0 to 9 and Ages 65 and Older

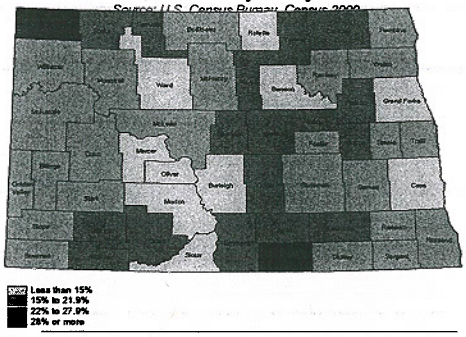
North Dakota: 1890 to 2002



North Dakota 0 – 5 Population

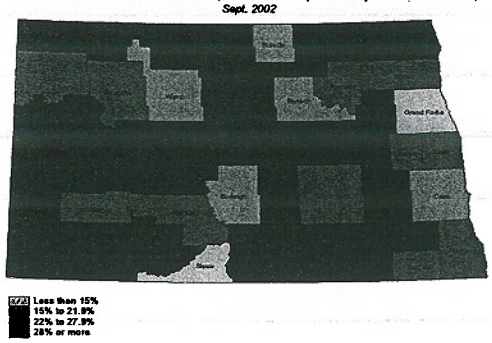
	Jul - 90	Jul - 96	Jul -05	Difference	Percent
Age 0	9,483	8,264	4,335	-3,929	-48.0%
Age 1	9,166	8,218	6,818	-1,400	-17.0%
Age 2	9,175	8,249	7,132	-1,117	-12.2%
Age 3	9,299	8,300	6,955	-1,305	-14.0%
Age 4	9,752	8,425	7,095	-1,330	-13.6%
Age 5	9,874	8,404	7,586	-822	-16.0%
Total	56,740	49,860	39,921	-9,903	-20.0%

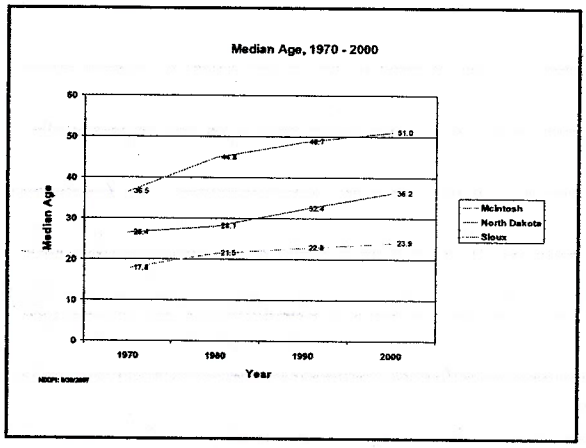
Persons Ages 65 and Older as a Percent of the Total Population in North Dakota by County: 2000

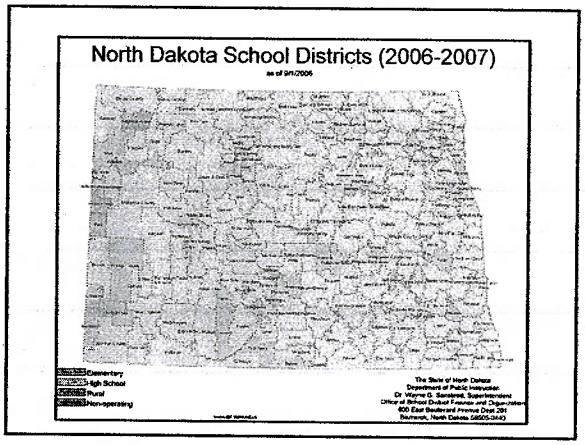


Persons Ages 65 and Older as a Percent of the Total Population in North Dakota by County: 2020

Source: North Dakota State Data Center, North Dakota Population Projections: 2005 to 2020, Sept. 2002







North Dakota School Districts Historical Perspective

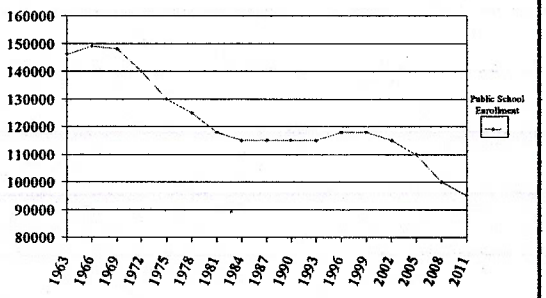
• *1918	4,700 one-room schools
• 1947	2,200+ school districts
• 1956	2,016 school districts
• 1961	1,021 school districts
• 1973	364 school districts
• 1992	270 school districts
• 2000	230 school districts
• 2003	221 school districts
• 2007	195 school districts

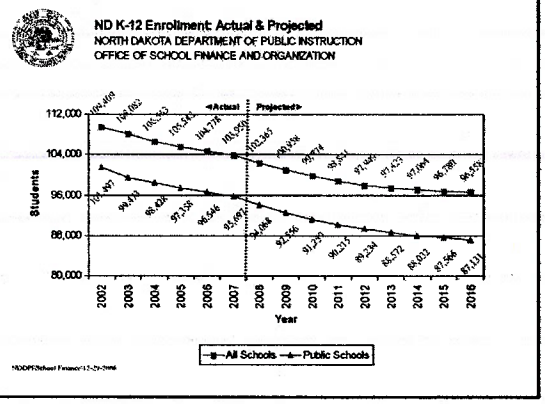
*70,665 square miles/36 = 1,962 townships

North Dakota School Districts

Type of District	1979-1980	1996-1997	2006-2007
Total Public School Districts	337	236	198
Operating Districts	303	234	195
Non Operating	34	2	3
One Room Rural	18	9	5
Graded Elementary	43	41	34
High School	242	184	156

North Dakota K-12 Enrollment





North Dakota School Districts and Enrollment

	1973	1996	2007	CHANGE	
Total Enrollment	136,404	117,816	95,600	22,216	-19%
Total Districts	371	236	198	-38	-16%
Enrollment Per District	367	499	483	-16	-3%
Square Miles Per District	190	299	351	+52	+17%

Public School Enrollment Actual – 1994 - 2007

Year	Enrollment	Change
1994	118,649	
1998	116,103	-2,546
2002	105,217	-10,886
2004	101,137	-4,080
2006	97,120	-4,017
2007	95,600	-1,520

Public School Enrollment Projected – 2004 - 2018

Year	Projected Enrollment	Change
2008	94,068	
2010	91,259	-2,809
2012	89,234	-2,025
2014	88,032	-1,205
2016	87,131	-901
2018	86,406	-725
	Projected Decline	**-7,665**

North Dakota Public K-12 Enrollment - Actual

Year	Enrollment
1994	118,649
2007	95,600
Total Actual Decline	**-23,049**
2008	94,068
2018	86,406
Total Projected Decline	**-7662**
Total Decline	**-30,711**

Enrollment Shift

- Normal school age population:
  - More 1, 2 & 3 grade students than 10, 11 & 12 grade students
  - Small numbers of dropouts expected
  - Example:

    100 students in grades 1, 2 & 3; 85 to 90% expected to graduate from High School

Enrollment Shift – Cont.

HS Size	Gr 1-3	Gr 10-12	EnrShift
550+	12,285	13,363	- 8.1%
150-549	3,297	4,651	-29.1%
75-149	3,238	4,493	-27.9%
1-75	1,601	2,280	-29.8%
ND Total:	**21,115**	**24,787**	**-14.8%**

301 North Dakota School Districts - 1979

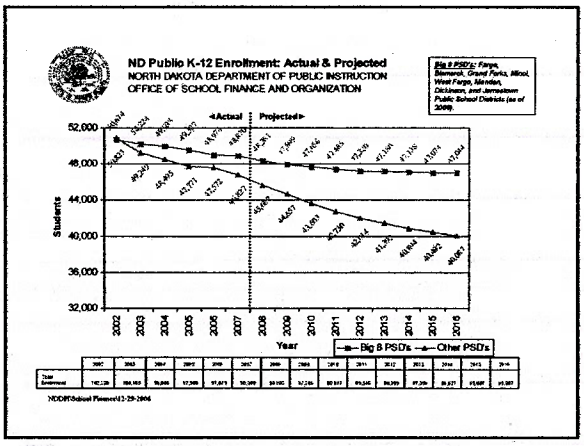
K-12 Enrollment	Total Districts	Total Enrollment	Enrollment Districts	Percent District	Percent Enrollment
0-100	96	4,554	47	32	3.9
101-350	132	25,810	196	44	22
351-999	60	32,274	538	20	27.5
1,000+	13	54,700	4,208	4	46.6
	301	117,338	390	100	

238 North Dakota School Districts - 1996

K-12 Enrollment	Total Districts	Total Enrollment	Enrollment Districts	Percent District	Percent Enrollment
0-100	62	2,980	48	26	2.5
101-350	110	22,433	204	47	19
351-999	48	25,600	533	20	22
1,000+	15	66,803	4,454	6	56.7
	235	117,816			

195 North Dakota School Districts - 2007

K-12 Enrollment	Total Districts	Total Enrollment	Enrollment Districts	Percent District	Percent Enrollment
0-100	53	2,123	40	27	2
101-350	99	20,742	210	51	22
351-999	30	15,925	531	15	17
1,000+	13	56,810	4,370	7	59
	195	95,600			



North Dakota Enrollment Patterns

15 Largest Districts

	1973	1994	2007
Total Enrollment	60,109	66,564	58,527
Average Enrollment K-12	4,007	4,438	3,902
Percent of Total Enrollment	44	56	61.2

North Dakota Enrollment Patterns

All Others

	1973 (356)	1994 (228)	2007 (180)
Total Enrollment	76,295	52,085	37,073
Average Enrollment K-12	214	228	206
Percent of Total Enrollment	56	44	39.8

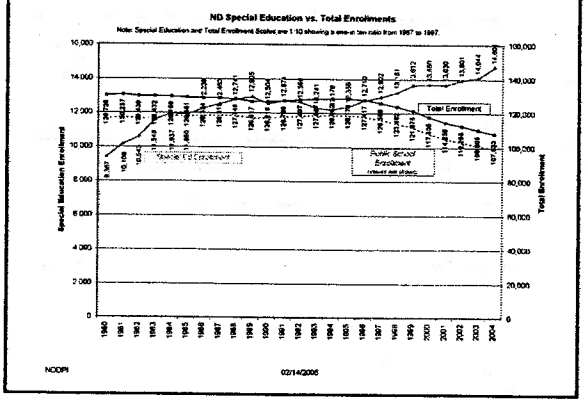
High School Enrollment Trends

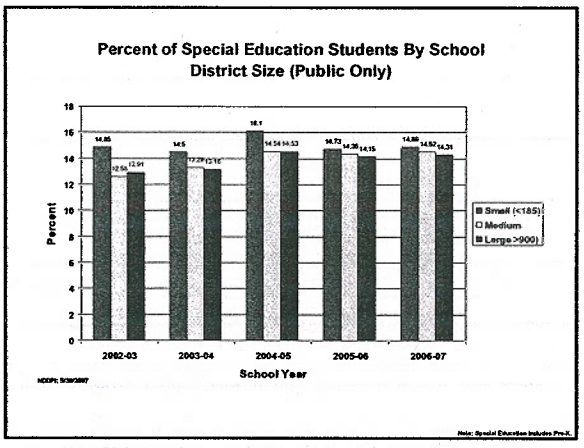
	1979 HS	1996 HS	2007 HS	9-12 Difference	9-12 % Change
<75	7,920	3,617	2904	-713	-19.7
75-149	7,335	5,843	5576	-267	-4.6
150-549	8,972	8,383	5869	-2514	-30
550+	17,919	19,834	17,852	-1982	-10
Totals	42,146	37,677	32,201	-5476	-14.5

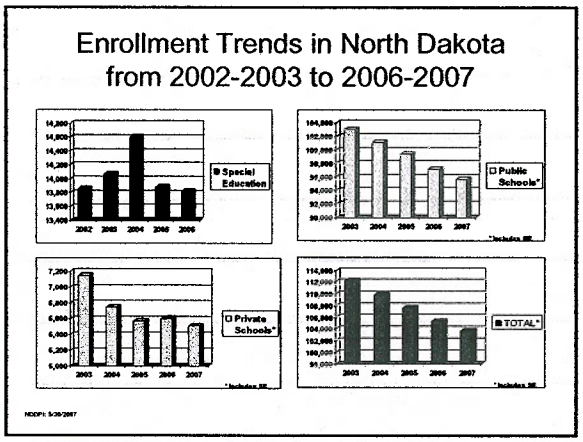
*Numbers based on those districts which operated a high school in both years

North Dakota Public High School Graduates

1995	8562	
2000	9115	
2006	7740	
Projected 2015	6831	12% Drop





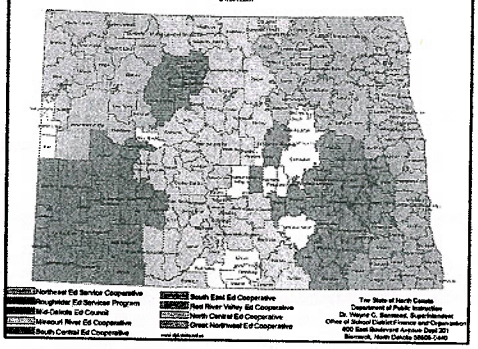


Declining Enrollment One Districts Experience

Year	Enrollment
1999	763
2002	688
2005	614
2006	647
2007	616

Joint Powers Agreement (2006-2007)

01/09/2007



JOINT POWERS AGREEMENTS
Updated: January, 2007

JPA	NUMBER OF DISTRICTS	ENROLLMENT	SQUARE MILES
Great Northwest Ed. Coop. (GNWEC)	17	5,757	8,772.76
Mid-Dakota Education Council (MDEC)	9	5,695	2,693.44
Missouri River Ed. Coop. (MREC)	22	15,393	11,001.73
North Central Ed. Coop. (NCEC)	15	6,055	6,541.86
Northwest Ed. Services Coop. (NWSC)	19	4,653	6,623.80
Red River Valley Education Coop. (RRVEC)	28	14,500	6,475.55
Roughrider Ed. Services Program (RESP)	19	5,815	9,982.93
South Central Education Coop. (SCEC)	23	7,047	8,305.69
South East Education Coop. (SEEC)	18	22,521	3,248.99
JPA Totals	176	94,472	63,556.42
State Totals	198	92,129	70,704.93
Percent of State Totals	89%	97%	90%