

## **Organization of State and County Data Profiles (continued)**

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### **Census Population Counts (Table 1)**

Table 1 consists of the census population counts by age and gender, as well as totals, for the state and each county in 1980, 1990, and 2000. The population is divided into seventeen 5-year age cohorts, starting with 0 to 4, in addition to the final cumulative cohort of persons age 85 and older. Table 1 offers a useful historical context to the population projections in Table 2.

### **Population Pyramids**

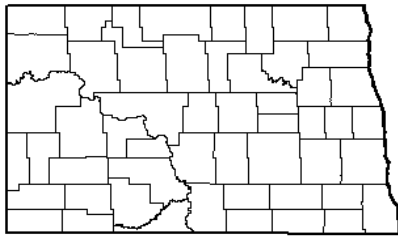
Population pyramids are used in this report to illustrate the age-specific distribution of the population. Two pyramids are generated for the state and each county. The first represents the population distribution as enumerated during the 2000 Census. The second pyramid illustrates what the population distribution is projected to look like in the year 2020, though significant changes in socio-economic and demographic trends could alter this distribution. Each bar in the pyramid represents a 5-year age cohort with males depicted on the left and females on the right. The bottom bar on the graph represents the youngest age cohort, persons 0 to 4 years of age. The top bar represents those seniors age 85 and older. The bars are in percentages, thus the pyramid provides an easy way to see the relative distribution of the population by age and gender.

The best way to interpret population pyramids is to compare and contrast the bars that represent age cohorts. The smaller the bar, the smaller that age cohort is relative to others. For example, when viewing North Dakota's pyramid for 2000 on page 2, one can quickly see that the three bars representing the young adult population (i.e., ages 20-24, 25-29, and 30-34) are among the smallest of all age cohorts in the state. This reflects the significant loss of young adults in North Dakota through out-migration. In turn, the loss of young adults has a direct effect on the number of births. Persons in the age cohorts from 20 to 34 are primarily responsible for new births in the state. It is not surprising, therefore, that the bar representing persons under the age of 5 is also relatively small. In contrast, the size of the bars representing the baby-boom population, those born between 1946 and 1962, is the largest in the state (i.e., age cohorts 40-44, 45-49, 50-54, 55-59). The senior population also is relatively large and the proportion of elderly is growing (i.e., persons 65 years of age and older) in North Dakota. Contrasting the pyramid for 2000 with 2020 on page 2, one can quickly see the changes that are expected in each age cohort given current trends. On a statewide level, for example, the bars representing the age cohorts become very uniform. This means the proportion of elderly will increase, becoming very similar to younger cohorts in size. For most counties, however, the elderly will represent the largest proportion of all age groups.

### **Population Projections (Table 2)**

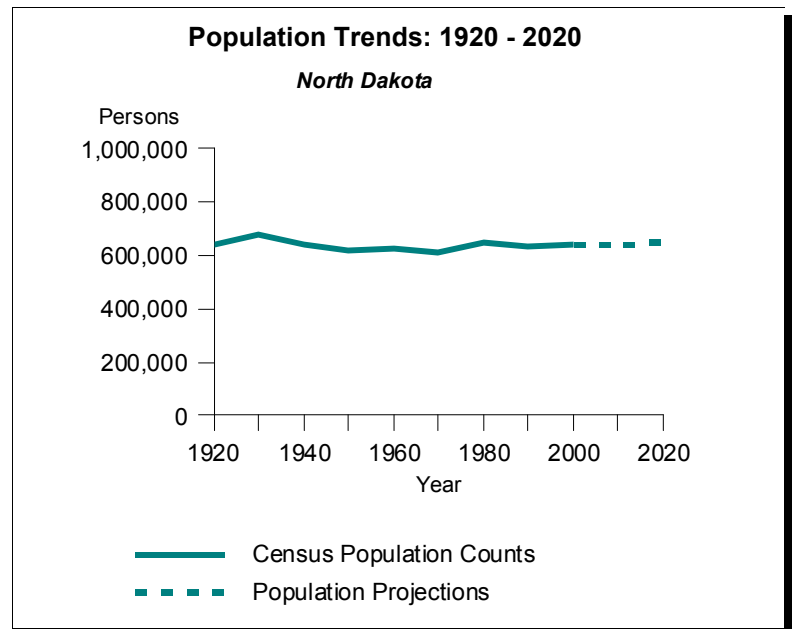
Table 2 consists of the population projections by age and gender, as well as totals, for the state and each county for 2005, 2010, 2015, and 2020. The population is divided into seventeen 5-year age cohorts, starting with 0 to 4, in addition to the final cumulative cohort of persons age 85 and older. The projections were determined using the Cohort-Survival Model described in the Methodology section.

# North Dakota



## State Quick Facts

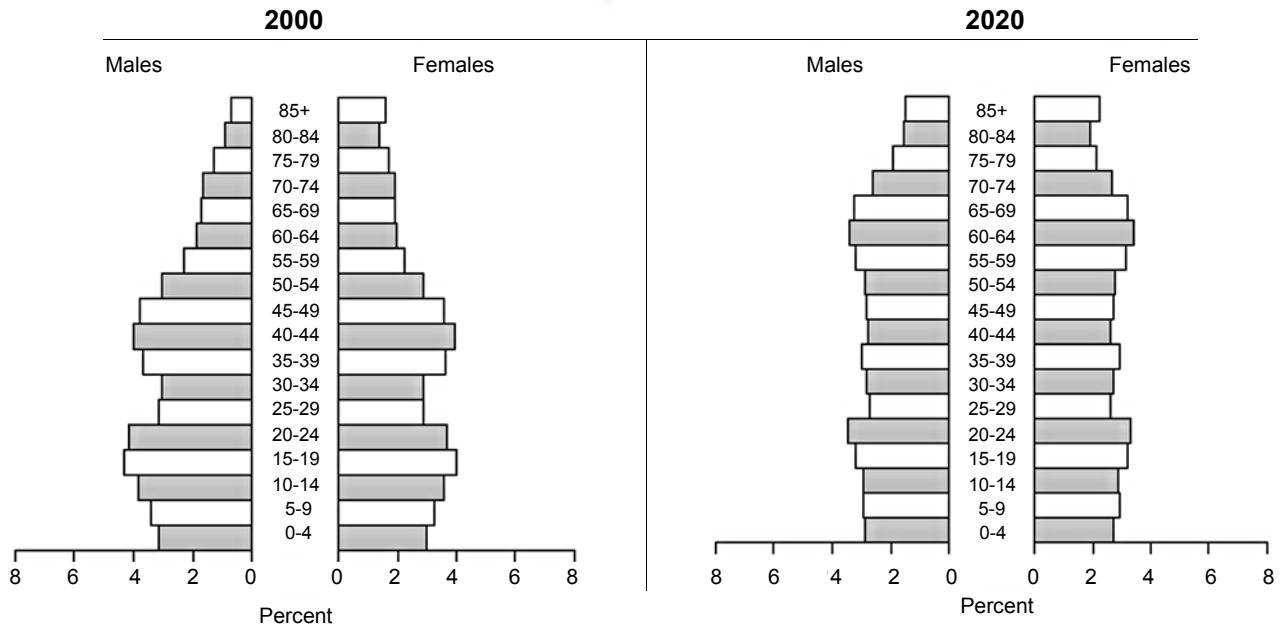
- State Capital : **Bismarck**
- National Population Rank, 2000 : **47**
- Median Age in Years, 2000 : **36.2**
- Persons Per Square Mile, 2000 : **9.3**



**Table 1. Census Population Counts by Age and Gender, 1980, 1990 and 2000: North Dakota**

Age	1980			1990			2000		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
0 to 4	54,752	28,210	26,542	47,845	24,413	23,432	39,400	20,185	19,215
5 to 9	49,016	25,079	23,937	52,032	26,724	25,308	42,982	21,997	20,985
10 to 14	51,043	26,328	24,715	48,820	25,165	23,655	47,464	24,499	22,965
15 to 19	63,977	32,920	31,057	46,668	24,368	22,300	53,618	27,760	25,858
20 to 24	69,393	35,889	33,504	47,873	25,187	22,686	50,503	26,831	23,672
25 to 29	58,470	30,691	27,779	50,154	25,613	24,541	38,792	20,268	18,524
30 to 34	45,687	23,969	21,718	53,861	27,065	26,796	38,095	19,534	18,561
35 to 39	34,248	17,568	16,680	50,133	25,869	24,264	46,991	23,668	23,323
40 to 44	29,398	14,711	14,687	39,887	20,619	19,268	51,013	25,577	25,436
45 to 49	28,631	14,065	14,566	30,635	15,520	15,115	47,436	24,351	23,085
50 to 54	30,497	15,279	15,218	26,449	12,960	13,489	37,995	19,523	18,472
55 to 59	29,218	14,543	14,675	26,268	12,704	13,564	28,926	14,599	14,327
60 to 64	27,942	13,691	14,251	27,120	13,225	13,895	24,507	11,851	12,656
65 to 69	25,930	12,315	13,615	24,950	11,917	13,033	23,142	10,861	12,281
70 to 74	21,217	9,715	11,502	22,591	10,216	12,375	22,759	10,473	12,286
75 to 79	15,301	6,635	8,666	18,990	7,976	11,014	19,085	8,265	10,820
80 to 84	9,857	3,924	5,933	13,284	5,055	8,229	14,766	5,715	9,051
85 plus	8,140	2,894	5,246	11,240	3,605	7,635	14,726	4,567	10,159
Total	652,717	328,426	324,291	638,800	318,201	320,599	642,200	320,524	321,676

## Population Pyramids for North Dakota



**Table 2. Population Projections by Age and Gender, 2005, 2010, 2015, and 2020: North Dakota**

Age	2005			2010			2015			2020		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
0 to 4	38,254	19,565	18,689	37,359	19,317	18,042	37,868	19,377	18,491	36,579	18,714	17,865
5 to 9	39,915	20,094	19,821	38,739	19,471	19,268	37,668	19,140	18,528	38,301	19,266	19,035
10 to 14	43,015	21,804	21,211	39,968	19,933	20,035	38,795	19,320	19,475	37,679	18,963	18,716
15 to 19	50,411	26,143	24,268	45,877	23,343	22,534	42,755	21,477	21,278	41,547	20,831	20,716
20 to 24	53,389	27,972	25,417	49,614	26,109	23,505	46,251	23,835	22,416	44,295	22,677	21,618
25 to 29	37,923	19,935	17,988	40,487	20,965	19,522	37,576	19,502	18,074	34,771	17,711	17,060
30 to 34	37,316	19,250	18,066	36,576	19,004	17,572	38,898	19,910	18,988	36,153	18,553	17,600
35 to 39	38,228	19,451	18,777	36,988	18,926	18,062	36,074	18,603	17,471	38,503	19,547	18,956
40 to 44	46,420	23,203	23,217	37,925	19,182	18,743	36,309	18,475	17,834	35,237	18,088	17,149
45 to 49	50,267	25,273	24,994	45,837	22,995	22,842	37,528	19,058	18,470	35,876	18,302	17,574
50 to 54	46,562	23,952	22,610	49,481	24,937	24,544	45,220	22,760	22,460	37,101	18,910	18,191
55 to 59	34,457	17,643	16,814	42,337	21,699	20,638	45,052	22,629	22,423	41,247	20,719	20,528
60 to 64	26,272	13,201	13,071	33,908	17,278	16,630	41,715	21,296	20,419	44,436	22,226	22,210
65 to 69	22,780	10,866	11,914	26,433	13,106	13,327	34,106	17,140	16,966	42,015	21,158	20,857
70 to 74	21,451	9,915	11,536	22,942	10,788	12,154	26,579	12,992	13,587	34,293	16,976	17,317
75 to 79	20,938	9,332	11,606	21,380	9,595	11,785	22,876	10,456	12,420	26,493	12,604	13,889
80 to 84	17,313	7,205	10,108	20,647	8,854	11,793	21,042	9,106	11,936	22,507	9,926	12,581
85 plus	15,289	5,191	10,098	18,827	7,000	11,827	22,660	8,831	13,829	24,258	9,617	14,641
Total	640,200	319,995	320,205	645,325	322,502	322,823	648,972	323,907	325,065	651,291	324,788	326,503