

## Population Estimates and Components of Change in North Dakota 1990-1998

According to the population estimates recently released from the U.S. Census Bureau, North Dakota's population decreased by 0.1 percent between 1990 and 1998. As of July 1, 1998, the state's estimated population totaled 638,244 persons, an decrease of 556 since the 1990 census.

Between 1990 and 1998, domestic migration resulted in 30,242 more persons moving out of North Dakota than moving in. Net movement from abroad showed 7,481 more persons moving in than moving out of the state. Thus North Dakota had an overall out-migration of roughly 24,000 persons over the past nine years. Meanwhile, natural increase (births minus deaths) added 22,983 persons to the state's population, resulting in the overall population decrease of 0.1 percent.

Roughly 58 percent of North Dakota counties had more deaths than births between 1990 and 1998. In addition, 91 percent of counties suffered net out-migration. This has resulted in only seven counties showing an increase in population during this nine year time span.

Grand Forks County showed the largest losses in population due to out-migration between 1990 and 1998. Ward County has the second largest domestic out-migration numbers, but due to a rather large natural increase, the population remained fairly stable.

Cass, Sioux, Rolette, and Burleigh counties had the largest percentage increases in population between 1990 and 1998. Cass and Burleigh both showed natural increases as well as domestic in-migration. Sioux and Rolette had domestic out-migration but had significantly high birth rates during this period.

Net domestic migration is movement to and from North Dakota within the United States. Federal citizen movement is movement of federal employees (both military and civilian) and their dependents into and out of the United States. Net international migration is migration to North Dakota from outside the United States (immigration) and migration from North Dakota to outside the United States (emigration). Net movement abroad is the sum of net international migration and net federal movement during the period.

Information on the methodology used to produce these population estimates can be found at the Census Bureau's Internet site with URL of "<http://www.census.gov/population/www/method.html>".

### Population Components of Change in North Dakota, 1990-1998

Components of Change	4/90 to 7/90	7/90 to 7/91	7/91 to 7/92	7/92 to 7/93	7/93 to 7/94	7/94 to 7/95	7/95 to 7/96	7/96 to 7/97	7/97 to 7/98	4/90 to 7/98
Population Change	-1,424	-3,169	1,271	1,837	2,279	1,780	1,431	-1,840	-2,721	-556
Natural Change (Births - Deaths)	986	3,648	3,109	2,878	2,698	2,548	2,386	2,274	2,456	22,983
Births	2,366	9,097	8,736	8,666	8,654	8,518	8,416	8,291	8,399	71,143
Deaths	1,380	5,449	5,627	5,788	5,956	5,970	6,030	6,017	5,943	48,160
Net Migration	-2,410	-6,817	-1,838	-1,041	-419	-768	-955	-4,114	-5,177	-23,539
Net International	69	303	414	531	461	638	481	749	847	4,493
Federal Citizen	-91	238	943	697	527	300	-20	267	127	2,988
Domestic	-2,458	-7,383	-3,217	-2,183	-1,021	-1,404	-1,288	-5,084	-6,204	-30,242
Residual	70	25	22	-86	-386	-302	-128	-46	53	-778

Source: U.S. Bureau of the Census, Population Estimates Branch, March 1999.