

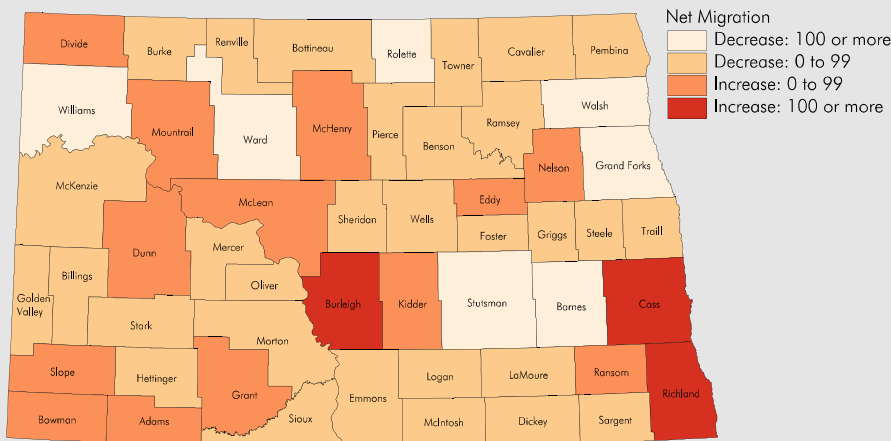
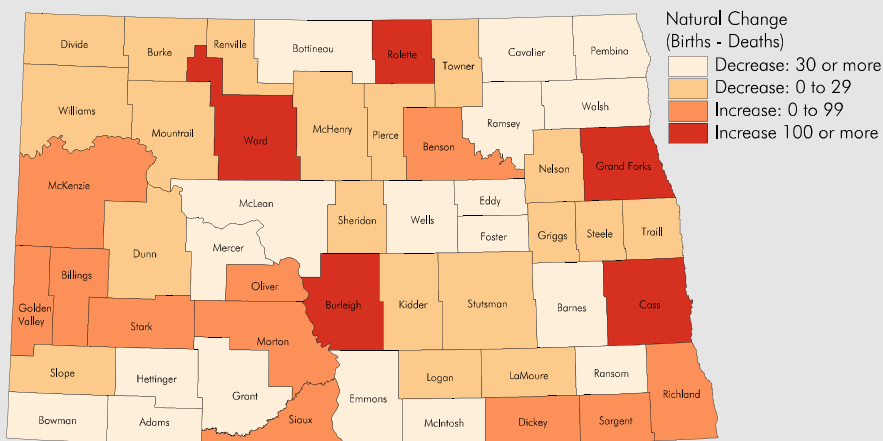
## Components of Population Change in North Dakota: July 1, 2002 to July 1, 2003

According to the population estimates recently released from the U.S. Census Bureau, North Dakota's population remained relatively unchanged between 2002 and 2003. As of July 1, 2003, the state's population totaled 633,837, a decrease of 74 people since July 1, 2002 (Table 1).

Population change is comprised of three components: births, deaths, and migration. The total number of births for a time period minus the total number of deaths equals 'natural change.' The state's migration includes both international and domestic movement. Between 2002 and 2003, North Dakota experienced 1,328 more births than deaths, or natural increase. However, during this same period of time, 1,334 more residents moved away from North Dakota than moved into the state, thus resulting in net out-migration (Table 1).

Figure 1. Components of North Dakota County Population Change: July 1, 2002 to July 1, 2003

Source: Table 5 - CO-EST2003-05-38 - Annual Estimates of the Components of Population Change for Counties of North Dakota: July 1, 2002 to July 1, 2003; Population Division, U.S. Census Bureau. Release Date: April 9, 2004. <http://eire.census.gov/popest/data/counties/tables/CO-EST2003-05-38.xls>



While North Dakota reported a net out-migration of 1,334 residents between 2002 and 2003, the state experienced a net in-migration of international movers, 715 people. At the same time, there was a net out-migration of domestic movers, 2,049 people. Approximately half of the international in-migration was concentrated in Cass County and 20 percent was located in Grand Forks (Table 1).

Approximately two-thirds of North Dakota counties reported more deaths than births (natural decline) between 2002 and 2003. At the same time, two-thirds of North Dakota counties experienced a net out-migration (Figure 1). As a result, only seven counties showed an increase in population over the last year.

Cass, Burleigh, and Richland counties were the only three counties in the state to experience more births than deaths (natural increase) as well as net in-migration during the last year (Figure 1).

For population estimates or components of change data for other states and counties in the nation as well as more information on terms, definitions, and methodology, visit the Population Estimates Division of the U.S. Census Bureau at:

<<http://eire.census.gov/popest/estimates.php>>

**Table 1. Components of North Dakota County Population Change: July 1, 2002 to July 1, 2003**

Notes: The estimated components of population change will not equal the numerical population change because of a small residual after controlling to the national totals. Dash (-) represents zero or rounds to zero.

Source: Table 5 - CO-EST2003-05-38 - Annual Estimates of the Components of Population Change for Counties of North Dakota: July 1, 2002 to July 1, 2003; Population Division, U.S. Census Bureau. Release Date: April 9, 2004. <http://eire.census.gov/popest/data/counties/tables/CO-EST2003-05-38.xls>

Area	Total Population Change	Natural Change			Migration		
		Net (Births-Deaths)	Births	Deaths	Net (International + Internal)	International	Internal (Domestic)
North Dakota	-74	1,328	7,597	6,269	-1,334	715	-2,049
Adams	-2	-35	16	51	36	1	35
Barnes	-141	-38	113	151	-100	8	-108
Benson	8	49	116	67	-39	2	-41
Billings	-20	6	12	6	-25	1	-26
Bottineau	-73	-49	41	90	-22	8	-30
Bowman	-38	-43	29	72	8	-	8
Burke	-20	-	20	20	-20	-	-20
Burleigh	756	338	836	498	423	34	389
Cass	1,808	946	1,677	731	874	360	514
Cavalier	-83	-44	37	81	-40	4	-44
Dickey	-62	3	74	71	-64	2	-66
Divide	39	-14	23	37	55	2	53
Dunn	-4	-7	39	46	5	1	4
Eddy	-29	-31	20	51	4	-	4
Emmons	-82	-30	44	74	-52	-	-52
Foster	-85	-50	24	74	-33	3	-36
Golden Valley	-1	1	24	23	-2	-	-2
Grand Forks	-193	333	800	467	-529	145	-674
Grant	-24	-32	28	60	9	2	7
Griggs	-21	-11	22	33	-9	-	-9
Hettinger	-44	-30	18	48	-13	-	-13
Kidder	-14	-22	17	39	7	-	7
LaMoure	-57	-14	36	50	-41	-	-41
Logan	-39	-3	26	29	-36	1	-37
McHenry	-17	-28	40	68	13	1	12
McIntosh	-47	-38	24	62	-6	1	-7
McKenzie	-49	30	75	45	-79	7	-86
McLean	-79	-89	50	139	13	1	12
Mercer	-79	-43	59	102	-35	4	-39
Morton	-46	29	265	236	-69	10	-79
Mountrail	-17	-23	100	123	9	2	7
Nelson	-10	-23	38	61	15	2	13
Oliver	-36	1	18	17	-38	-	-38
Pembina	-75	-45	83	128	-28	7	-35
Pierce	-45	-19	65	84	-27	1	-28
Ramsey	-130	-41	161	202	-88	7	-95
Ransom	7	-33	49	82	42	1	41
Renville	-40	-6	24	30	-32	-	-32
Richland	178	20	180	160	160	8	152
Rolette	-28	157	292	135	-186	7	-193
Sargent	-56	14	59	45	-69	1	-70
Sheridan	-32	-10	12	22	-19	-	-19
Sioux	-27	26	61	35	-53	-	-53
Slope	-	-4	2	6	4	-	4
Stark	-64	22	239	217	-84	12	-96
Steele	-24	-7	18	25	-15	-	-15
Stutsman	-133	-1	234	235	-130	11	-141
Towner	-45	-18	16	34	-27	-	-27
Traill	-27	-19	79	98	-7	4	-11
Walsh	-171	-49	129	178	-123	3	-126
Ward	-264	371	906	535	-643	41	-684
Wells	-104	-44	34	78	-61	1	-62
Williams	-193	-25	193	218	-167	9	-176