

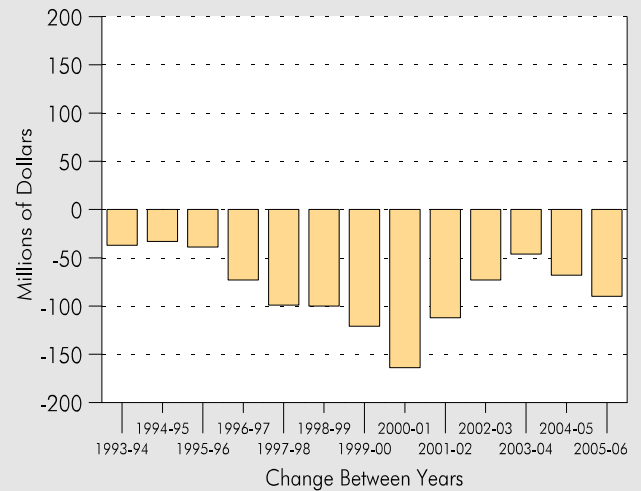
Net Taxable Income Flow Due to Migration for North Dakota: 1993 to 2006

Recently released data from the IRS provide the opportunity to monitor the flow of income into and out of North Dakota counties as it relates to the migration of people. Analysis from the past 14 years reveals that North Dakota has experienced a continued net loss of taxable income as a direct result of migration (Figure 1). Between 1993 (when IRS records were first made available for county flow analysis) and 2006 (the most current data available), people moving to North Dakota brought with them \$6.1 billion in taxable income. People moving out of the state took with them \$7.1 billion. Thus, since 1993, North Dakota has lost \$1 billion in net taxable income as a result of migration (Table 1).

Between 1993 and 2006, Grand Forks County showed the largest net loss of taxable income due to migration with a net out-flow of \$274.1 million. Ward County had the second largest net loss in taxable income (\$175.5 million) followed by Cass County (\$72.1 million). Three counties in the state experienced a net gain in taxable income due to migration during the past 14 years: Burleigh County (\$20.0 million), Morton County (\$8.5 million), and Bottineau County (\$5.1 million) (Figure 2).

For information on methodology and limitations of these data, along with further discussion and additional tables, visit www.ndsu.edu/sdc/publications/research.htm#migration to obtain *North Dakota County Migration Flows: 1998-99 to 2000-01*, a North Dakota State Data Center report in PDF format.

Figure 1. Annual Net Taxable Income Flow Due to Migration for North Dakota: 1993 to 2006



Source: U.S. Internal Revenue Service (IRS), County-to-County Migration Flow Files for North Dakota, 1993-94 to 2005-06.

Figure 2. Net Taxable Income Flow Due to Migration for North Dakota by County: 1993 to 2006

Source: U.S. Internal Revenue Service (IRS), County-to-County Migration Flow Files for North Dakota, 1993-94 to 2005-06.

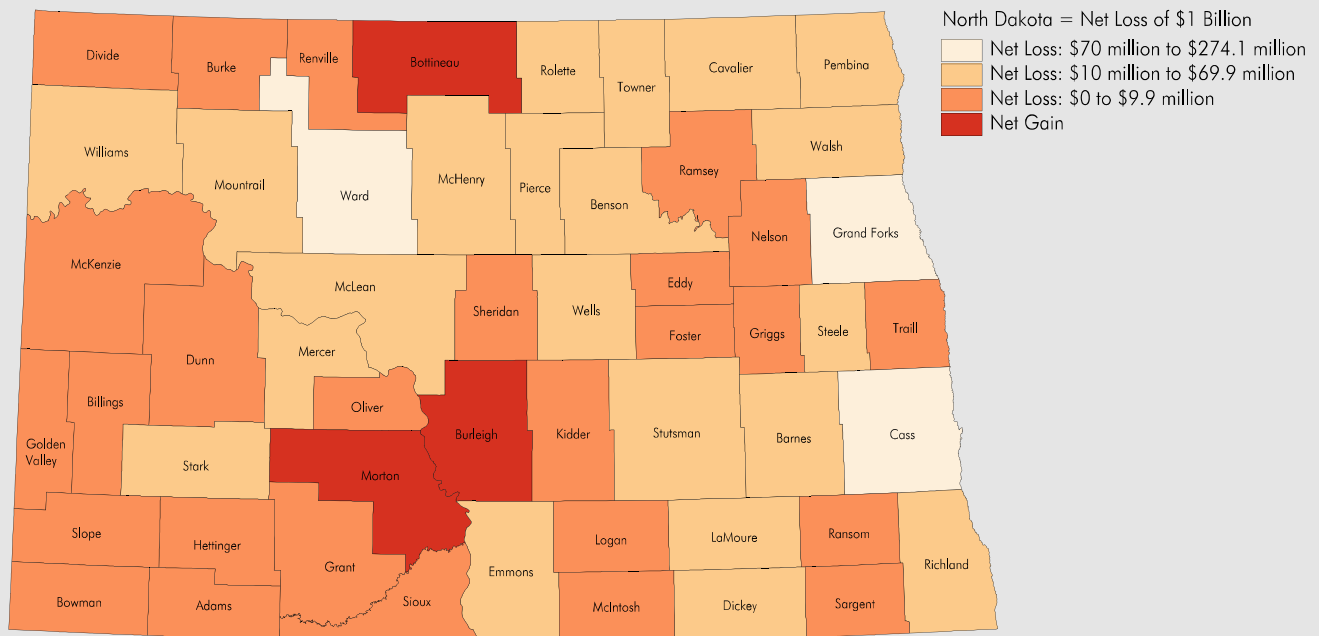


Table 1. Annual Net Taxable Income Flow Due to Migration for North Dakota by County: 1993 to 2006

Note: Data are in thousands of dollars (\$1,000). For example, \$-90,333 equals a net loss of \$90,333,000. NR=Data are suppressed if based on less than 10 records. Source: U.S. Internal Revenue Service (IRS), County-to-County Migration Flow files for North Dakota, 1993-94 to 2005-06. For information on methodology and limitations of these data, along with further discussion and additional tables, visit www.ndsu.edu/sdc/publications/research.htm#migration to obtain *North Dakota County Migration Flows: 1998-99 to 2000-01*, a North Dakota State Data Center report in PDF format.

Area	Net Taxable Income Flow Due to Migration (\$1,000)												
	1993 to 1994	1994 to 1995	1995 to 1996	1996 to 1997	1997 to 1998	1998 to 1999	1999 to 2000	2000 to 2001	2001 to 2002	2002 to 2003	2003 to 2004	2004 to 2005	2005 to 2006
North Dakota	-37,365	-33,468	-38,506	-73,050	-98,857	-100,383	-120,634	-163,560	-111,953	-72,890	-45,906	-67,859	-90,333
Adams	123	-557	-186	-432	-963	-396	-1,750	-447	-836	-822	157	-424	-427
Barnes	-1,547	-188	-180	-39	-1,354	-1,181	-2,959	-4,167	-2,396	-2,235	-845	-382	-1,374
Benson	210	-173	-1,324	-327	-866	-1,267	-1,585	-1,450	-1,278	-215	-397	-1,223	-1,539
Billings	NR	NR	NR	-354	NR	-50	NR	NR	-535	-233	NR	-18	-239
Bottineau	-65	-160	-630	-359	-668	-1,272	6,051	-1,189	-1,176	556	6,550	-1,099	-1,418
Bowman	-1,479	-687	-257	939	-133	-346	-734	-1,583	247	-25	508	-716	-10
Burke	-872	-630	-515	-760	-599	-459	216	-279	-908	-364	-2	-896	-1,066
Burleigh	1,891	5,180	4,727	-1,839	-4,495	-6,735	-2,801	2,718	5,812	387	-769	14,888	1,060
Cass	-4,446	3,067	-1,182	1,519	484	-1,183	-8,453	-16,293	-13,856	-9,135	-6,055	-3,804	-12,808
Cavalier	-1,127	-1,653	-851	-1,539	-950	-2,567	-1,606	-2,194	-1,047	-1,841	-1,911	-1,627	-1,508
Dickey	100	-877	-838	400	-252	-2,234	-649	-1,381	-1,474	-2,680	-498	-39	59
Divide	-328	-621	-675	-543	-570	-547	-552	-637	-653	345	37	-851	-883
Dunn	-185	-335	-626	-787	-712	-1,095	-63	69	-142	-476	-878	-304	-747
Eddy	-98	-73	334	-131	140	-1,044	-196	-785	-614	-980	362	464	-962
Emmons	-506	71	-967	-311	-1,269	-667	-765	-1,107	-1,091	-983	-2,268	-1,118	-533
Foster	298	-101	56	-1,054	447	295	-416	-2,075	-755	-963	-169	350	-880
Golden Valley	-222	-622	-457	-367	-486	-1,023	-353	-975	-329	-454	-611	631	-529
Grand Forks	-6,365	-13,338	-18,776	-26,909	-37,939	-34,387	-26,064	-33,819	-21,406	-14,650	-4,605	-20,810	-15,068
Grant	-362	-206	-809	-378	-954	-568	-29	-570	-911	-597	-693	-13	-207
Griggs	-136	-435	-1,176	-546	-96	-1,306	-792	-540	-577	249	-229	-92	-738
Hettinger	-404	-695	-374	-700	-1,473	-612	-955	-787	-575	-270	-740	-1,037	-435
Kidder	-1,135	-984	-56	-775	-142	-914	-690	-226	-818	-376	-499	-699	440
La Moure	-1,088	-120	-769	-505	-2,294	-1,080	-1,199	-846	-1,491	-422	-1,044	-1,811	-1,422
Logan	-110	-1,134	-69	-323	-421	-603	-520	-652	-675	-325	-263	-925	-899
McHenry	-961	108	-421	262	-1,451	-1,466	-1,190	-3,340	-558	-192	-1,708	-842	-754
McIntosh	-333	82	-355	-612	-783	-959	-179	-790	-540	-425	-1,170	-831	-799
McKenzie	-929	-1,529	47	-914	-1,145	773	-1,337	-410	-1,829	-1,078	-191	198	-360
McLean	-1,000	-472	-578	-1,313	-292	-1,207	-2,509	-1,989	-2,147	-699	-494	-1,594	-2,188
Mercer	-1,685	490	-84	-1,670	-1,364	-3,990	-3,210	-2,378	-945	-1,209	-1,725	-1,838	-1,293
Morton	40	2,066	92	1,455	478	-2,055	-1,066	-6,741	-1,826	1,543	3,012	2,585	8,892
Mountrial	-257	790	-1,714	-1,577	-1,728	-816	-467	-835	-975	-958	-212	-850	-2,095
Nelson	-173	-160	-1,194	-264	-1,482	-938	-832	-962	-1,227	168	295	-29	-1,152
Oliver	-433	-23	410	56	-354	-536	-448	-1,975	94	-17	-1,019	-975	-389
Pembina	-615	-146	-154	-2,005	-2,147	-2,556	-2,327	-3,303	-1,704	-1,329	-1,593	-2,409	-1,574
Pierce	-82	135	-1,011	-421	-406	-872	-8,576	464	-1,750	-707	-1,415	-965	-477
Ramsey	56	-975	-1,137	-1,072	-3,260	16,467	-2,387	-5,682	-2,367	-1,571	-1,403	-1,873	-620
Ransom	-567	-325	64	-43	-593	148	-227	-182	-24	-26	-518	-1,786	-2,249
Renville	-369	-1,218	-363	-362	-534	-477	-595	-691	-371	-406	-822	168	-794
Richland	-622	-1,257	-619	-2,211	-3,009	-5,880	-5,569	-7,695	-2,760	-1,122	-1,777	-2,766	-5,527
Rolette	2,005	654	-518	-622	-639	-1,906	-1,668	-1,352	-2,234	-1,589	-256	-1,713	-2,340
Sargent	44	456	-1,007	-68	129	-826	-592	-1,199	-1,172	-916	-1,832	73	528
Sheridan	-211	-139	-399	NR	-515	306	-656	-465	95	-243	-826	-425	-577
Sioux	-164	-109	-257	-144	-444	-418	-582	-166	128	85	-68	-1,444	110
Slope	NR	NR	NR	NR	NR	-29	NR	NR	-203	-159	NR	NR	144
Stark	-3,139	-7,435	-2,288	-793	-1,258	-5,831	-5,819	-5,702	-4,013	-883	-336	-1,979	-1,876
Steele	-322	-218	-153	-436	-909	-817	-362	-698	-1,982	-666	-280	-1,625	-1,807
Stutsman	-232	-5,079	-520	-560	-1,764	-2,316	-2,496	-8,904	-5,421	-4,655	-2,231	-2,428	-6,127
Towner	-421	34	-626	-757	-1,075	-930	-947	-1,864	-1,068	-982	-983	-856	-565
Traill	-55	-496	361	-854	NR	-57	-1,319	-1,437	-461	-2,059	-621	84	-1,492
Walsh	-2,373	-596	-917	-1,000	-1,555	-2,446	-2,005	-2,965	-3,081	-2,444	-1,119	-2,166	-2,210
Ward	-2,639	-631	1,577	-18,618	-13,416	-13,982	-18,683	-26,537	-24,670	-9,067	-9,820	-19,506	-19,483
Wells	-882	-601	-376	-429	-98	-593	-2,168	-3,008	-694	-659	-548	-1,458	-2,281
Williams	-3,193	-1,603	-710	-1,771	-1,891	-4,941	-4,395	-3,634	-760	-4,115	-887	1,025	1,154

Date of Release: June 21, 2007

Migration Results in Continued Loss of Income for North Dakota: \$1 Billion Over 14 Years

Between 1993 and 2006, people moving to North Dakota brought with them \$6.1 billion in taxable income. People moving out of the state took with them \$7.1 billion. Thus, since 1993, North Dakota has lost \$1 billion in net taxable income as a direct result of migration.

This month's "Economic Brief," a monthly publication from the North Dakota State Data Center at North Dakota State University, focuses on the analysis of federal individual income tax returns from the past 14 years released by the IRS. These records reveal that North Dakota has experienced a continued loss of taxable income as a direct result of migration. As North Dakota residents continue to leave the state, the economic consequences continue to add up. Millions of dollars in consumer spending and tax revenue are lost each year as a result of migration. Between 1993 and 2006, Grand Forks showed the largest loss in taxable income due to migration with a net out-flow of \$274 million in taxable income. Much of this loss can be attributed to the devastation caused by the 1997 flood and the losses at the Grand Forks Air Force Base with the missile wing closure. Ward County, also home to an Air Force Base, had the second largest net out-flow of \$175 million. Three counties in the state experienced a net gain in taxable income due to migration during the past 14 years: Burleigh County had a net increase of \$20 million in taxable income due to migration, Morton County had a \$9 million increase, and Bottineau County had a net increase of \$5 million. "We need to keep in mind that the IRS data have important limitations, such as the need to match returns between years and misreporting due to address changes. Nonetheless, these data offer us one of the few ways we can document the economic consequences of migration," said Richard Rathge, Director of the State Data Center.

The economic impact of migration can be significant even in areas that have a net increase in tax filers, or net in-migration. Over the past 14 years, Cass County, the state's largest population center, had a net growth of 5,992 tax filers. However, those tax filers leaving the county had higher incomes than those arriving. Therefore, even though Cass County gained tax filers, it lost \$72 million in taxable income during that period due to migration.

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