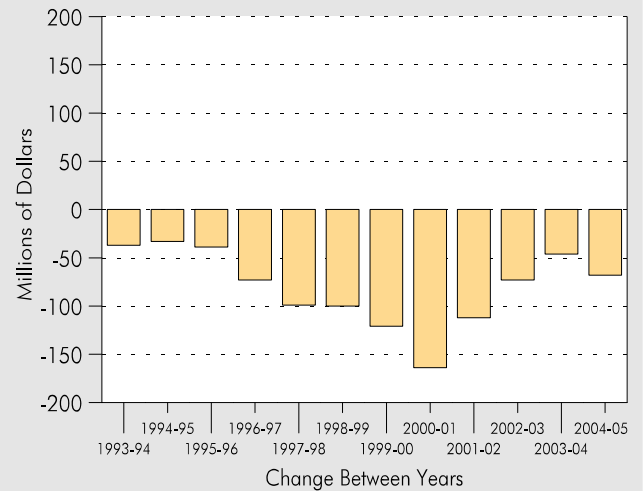


## Net Taxable Income Flow Due to Migration for North Dakota: 1993 to 2005

Recently released data from the IRS provides 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 13 years reveals that North Dakota has experienced a continued net loss of taxable income as a direct result of migration. Between 1993 (when IRS records were first made available for county flow analysis) and 2005 (the most current data available), people moving to North Dakota brought with them \$5.5 billion in taxable income. People moving out of the state took with them \$6.5 billion. Thus, since 1993, North Dakota has lost nearly \$1 billion in net taxable income as a result of migration (\$964.4 million) (Table 1).

Between 1993 and 2005, Grand Forks County showed the largest net loss of taxable income due to migration with a net out-flow of \$259.1 million. Ward County had the second largest net loss of \$156.0 million in taxable income. Two counties in the state experienced a net increase in taxable income due to migration during the past 13 years: Burleigh County had a net increase of \$19.0 million and Bottineau County had a net increase of \$6.5 million (Figure 2).

Figure 1. Annual Net Taxable Income Flow Due to Migration for North Dakota: 1993 to 2005

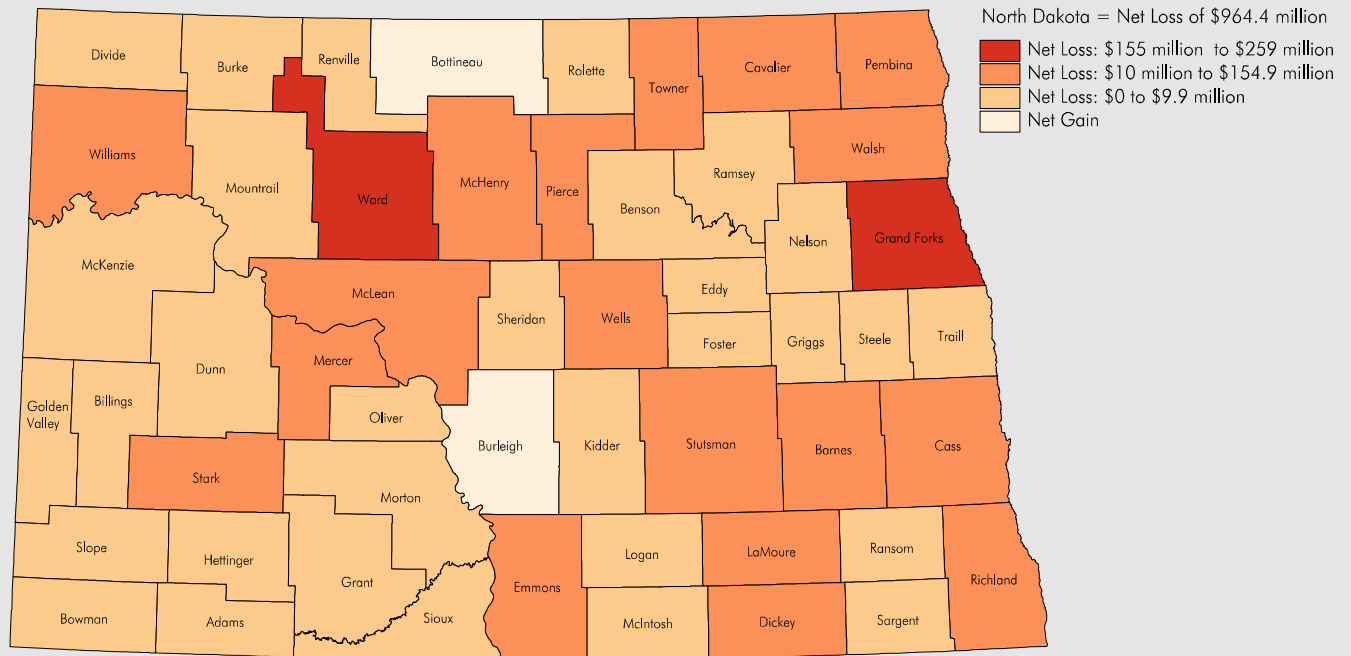


Source: U.S. Internal Revenue Service (IRS), County-to-County Migration Flow Files for North Dakota.

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](http://www.ndsu.edu/sdc/publications/research.htm#migration) to obtain *North Dakota County Migration Flows: 1998-99 to 2000-01*.

Figure 2. Net Taxable Income Flow Due to Migration for North Dakota by County: 1993 to 2005

Source: U.S. Internal Revenue Service (IRS), County-to-County Migration Flow Files, 1993-94 to 2004-05



**Table 1. Annual Net Taxable Income Flow Due to Migration for North Dakota by County: 1993 to 2005**

Note: Data are in thousands of dollars (\$1,000). For example, \$-67,859 equals a loss of \$67,859,000. 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 2004-05. For information on methodology and limitations of these data, along with further discussion and additional tables, visit the following URL to obtain *North Dakota County Migration Flows: 1998-99 to 2000-01*, a North Dakota State Data Center report in PDF format at [www.ndsu.edu/sdc/publications/research.htm#migration](http://www.ndsu.edu/sdc/publications/research.htm#migration).

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

Date of Release: September 21, 2006

## Migration Results in Continued Loss of Income for North Dakota - Nearly \$1 Billion Over 13 Years

Between 1993 and 2005, people moving to North Dakota brought with them \$5.5 billion in taxable income. People moving out of the state took with them \$6.5 billion. Thus, since 1993, North Dakota has lost nearly \$1 billion in net taxable income as a direct result of migration. "These findings put an economic cost on migration, something that is easier to quantify than is the loss of human capital. Regardless of how you look at the consequences of migration loss, it is something we need to address," said Richard Rathge, Director of the State Data Center.

This month's "Economic Briefs," 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 13 years. 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 2005, Grand Forks showed the largest loss in taxable income due to migration with a net out-flow of \$259.1 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 \$156.0 million. Two counties in the state experienced a net increase in taxable income due to migration during the past 13 years: Burleigh County had a net increase of \$19.0 million in taxable income due to migration and Bottineau County had a net increase of \$6.5 million.

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 13 years, Cass County, the state's largest population center, had a net growth of 5,255 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 \$59.3 million in taxable income during that period due to migration.

For information on methodology and limitations of these data, along with further discussion and additional tables, visit [www.ndsu.nodak.edu/sdc/publications/research.htm#migration](http://www.ndsu.nodak.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.

\*\*\*

<p><b>North Dakota State Data Center</b> North Dakota State University IACC Building, Room 424 or PO Box 5636 Fargo, North Dakota 58105-5636 Ph: (701) 231-7980 Fax: (701) 231-9730</p>	<p>For more information, contact:</p>		
<p>Dr. Richard Rathge, Director (701) 231-8621 <a href="mailto:richard.rathge@ndsu.edu">richard.rathge@ndsu.edu</a></p>	<p>Karen Olson, Information Specialist (701) 231-1060 <a href="mailto:k.olson@ndsu.edu">k.olson@ndsu.edu</a></p>	<p>View publication online at: <a href="http://www.ndsu.edu/sdc/publications.htm">www.ndsu.edu/sdc/publications.htm</a></p>	