

## North Dakota Residence and Migration of First-Year College Students: Fall 2004

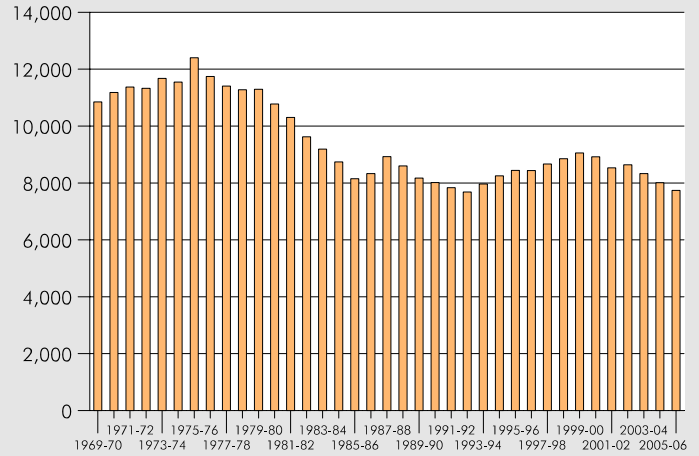
The number of North Dakota high school graduates has declined over the past few decades from 10,850 in 1970 to 7,740 in 2006 (Figure 1). In addition, since 1998, a larger proportion of North Dakota graduates who attend college within one year of graduation (referred to here as "first-year students") are leaving the state for college. In the fall of 1998, 16 percent of North Dakota resident first-year students left the state to attend college. By 2004, this proportion grew to 26 percent.

Of the 5,661 North Dakota resident first-year students in the fall of 2004, 74 percent were enrolled in North Dakota colleges or universities (4,196 students). This was slightly below the national average of 81 percent of first-year students attending college in their home state. Thus, 26 percent of North Dakota resident first-year students left North Dakota to attend college in 2004 (1,465 students) (Table 1).

Of the 7,448 first-year students enrolled in North Dakota colleges and universities in the fall of 2004, 56 percent were North Dakota residents (4,196 students). This means that 44 percent of first-year students in North Dakota came from out of state (3,252 students) (Table 1). That gave North Dakota the 6<sup>th</sup> largest proportion of out-of-state, first-year students among all 50 states (Figure 2). As a result, North Dakota had an overall net in-migration of 1,787 students in fall 2004 (Table 1). This net in-migration indicates that North Dakota brought in 32 percent more first-year students to its colleges and universities than it could have generated by using North Dakota resident first-year students alone (an increase from 20 percent more in fall 2002).

Figure 1. Number of High School Graduates

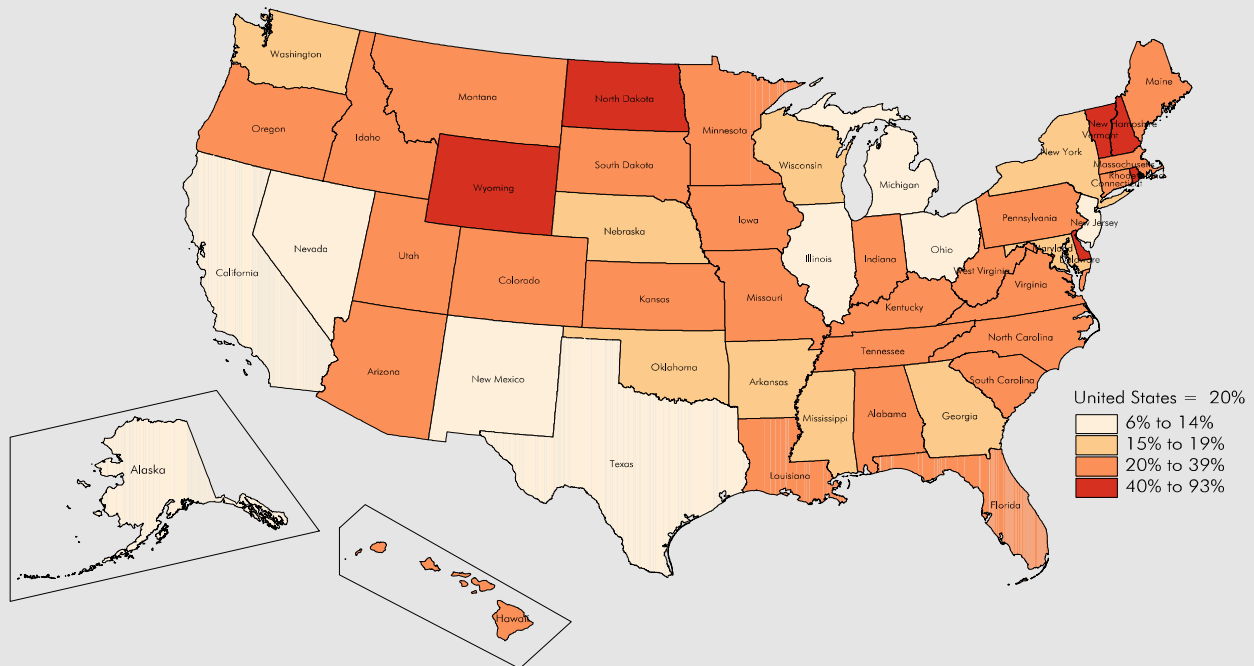
North Dakota: 1969-70 to 2005-06



Source: North Dakota Department of Public Instruction (DPI), Bismarck, ND.

Figure 2. Percent of Out-of-State, First-Year Students in Degree-Granting Institutions by State: Fall 2004

Source: U.S. Department of Education, National Center for Education Statistics, 2004 Integrated Postsecondary Education Data System (IPEDS), Spring 2005. Taken from the National Center for Education Statistics, "Digest of Education Statistics: 2005," Table 203, <http://nces.ed.gov/programs/digest/>.



**Table 1. Residence and Migration of All First-Year Students<sup>1</sup> in Degree Granting Institutions, Who Graduated from High School in the Previous 12 Months, by State: Fall 2004**

State	Students enrolled in institutions located in the state <sup>1</sup>	Student residents of the state		Ratio of students remaining to student residents (D/C)	Ratio of students remaining to students enrolled (D/B)	Migration of first-year students		
		Attending college in any state <sup>2</sup>	Attending college in home state <sup>3</sup>			Out of the state (C-D)	Into the state <sup>4</sup> (B-D)	Net (H-G) or (B-C)
A	B	C	D	F	E	G	H	I
United States <sup>5</sup>	1,731,100	1,709,495	1,385,121	0.81	0.80	324,374	345,979	21,605
Alabama	28,470	24,887	22,425	0.90	0.79	2,462	6,045	3,583
Alaska	2,284	3,379	2,024	0.60	0.89	1,355	260	-1,095
Arizona	26,810	22,830	20,032	0.88	0.75	2,798	6,778	3,980
Arkansas	17,577	15,934	14,343	0.90	0.82	1,591	3,234	1,643
California	160,721	164,013	146,618	0.89	0.91	17,395	14,103	-3,292
Colorado	27,307	27,296	21,619	0.79	0.79	5,677	5,688	11
Connecticut	22,664	25,152	14,504	0.58	0.64	10,648	8,160	-2,488
Delaware	5,973	4,488	2,941	0.66	0.49	1,547	3,032	1,485
Dist. of Columbia	8,788	2,488	611	0.25	0.07	1,877	8,177	6,300
Florida	90,202	79,246	70,729	0.89	0.78	8,517	19,473	10,956
Georgia	49,168	48,381	40,174	0.83	0.82	8,207	8,994	787
Hawaii	5,955	6,755	4,540	0.67	0.76	2,215	1,415	-800
Idaho	8,220	7,614	5,616	0.74	0.68	1,998	2,604	606
Illinois	66,544	77,215	58,151	0.75	0.87	19,064	8,393	-10,671
Indiana	41,617	36,019	31,275	0.87	0.75	4,744	10,342	5,598
Iowa	26,283	22,781	19,566	0.86	0.74	3,215	6,717	3,502
Kansas	21,582	19,821	17,129	0.86	0.79	2,692	4,453	1,761
Kentucky	24,295	21,693	19,349	0.89	0.80	2,344	4,946	2,602
Louisiana	28,341	25,174	22,680	0.90	0.80	2,494	5,661	3,167
Maine	6,874	7,965	4,974	0.62	0.72	2,991	1,900	-1,091
Maryland	27,931	35,774	22,508	0.63	0.81	13,266	5,423	-7,843
Massachusetts	48,481	43,803	29,869	0.68	0.62	13,934	18,612	4,678
Michigan	63,791	63,706	57,300	0.90	0.90	6,406	6,491	85
Minnesota	38,880	41,619	30,930	0.74	0.80	10,689	7,950	-2,739
Mississippi	17,977	16,297	15,114	0.93	0.84	1,183	2,863	1,680
Missouri	36,026	34,419	28,448	0.83	0.79	5,971	7,578	1,607
Montana	6,398	6,362	4,663	0.73	0.73	1,699	1,735	36
Nebraska	13,473	13,557	10,885	0.80	0.81	2,672	2,588	-84
Nevada	8,373	8,744	7,132	0.82	0.85	1,612	1,241	-371
New Hampshire	8,947	8,737	4,781	0.55	0.53	3,956	4,166	210
New Jersey	38,104	60,694	34,841	0.57	0.91	25,853	3,263	-22,590
New Mexico	11,574	11,762	9,908	0.84	0.86	1,854	1,666	-188
New York	120,947	123,062	99,455	0.81	0.82	23,607	21,492	-2,115
North Carolina	57,466	49,635	45,212	0.91	0.79	4,423	12,254	7,831
<b>North Dakota</b>	<b>7,448</b>	<b>5,661</b>	<b>4,196</b>	<b>0.74</b>	<b>0.56</b>	<b>1,465</b>	<b>3,252</b>	<b>1,787</b>
Ohio	68,976	70,236	58,900	0.84	0.85	11,336	10,076	-1,260
Oklahoma	22,287	20,265	18,037	0.89	0.81	2,228	4,250	2,022
Oregon	16,575	16,225	12,431	0.77	0.75	3,794	4,144	350
Pennsylvania	96,885	84,159	69,840	0.83	0.72	14,319	27,045	12,726
Rhode Island	9,432	6,229	4,011	0.64	0.43	2,218	5,421	3,203
South Carolina	27,581	24,049	21,517	0.89	0.78	2,532	6,064	3,532
South Dakota	6,670	6,541	4,722	0.72	0.71	1,819	1,948	129
Tennessee	25,751	24,498	19,221	0.78	0.75	5,277	6,530	1,253
Texas	126,009	132,198	117,899	0.89	0.94	14,299	8,110	-6,189
Utah	16,131	12,083	10,953	0.91	0.68	1,130	5,178	4,048
Vermont	5,417	3,679	1,592	0.43	0.29	2,087	3,825	1,738
Virginia	48,458	44,937	36,272	0.81	0.75	8,665	12,186	3,521
Washington	26,861	28,237	22,368	0.79	0.83	5,869	4,493	-1,376
West Virginia	12,382	9,681	8,472	0.88	0.68	1,209	3,910	2,701
Wisconsin	39,465	39,168	31,821	0.81	0.81	7,347	7,644	297
Wyoming	4,562	3,461	2,395	0.69	0.53	1,066	2,167	1,101

Notes: Includes all students who are enrolled at the reporting institution for the first time, within one year of high school graduation. Data are for 4-year and 2-year degree-granting institutions that participated in the Title IV federal financial aid programs.

<sup>1</sup> All of the new students reported by the institutions in that state; i.e., all immigrants and students remaining in state.

<sup>2</sup> All students residents in a particular state when admitted to an institution in any state. Students may be enrolled in any state.

<sup>3</sup> Students who attend institutions in their home state.

<sup>4</sup> Includes students coming to U.S. colleges from foreign countries and other jurisdictions.

<sup>5</sup> Includes students reported as "state unknown" and students in U.S. Service Schools.

Source: U.S. Department of Education, National Center for Education Statistics, 2004 Integrated Postsecondary Education Data System (IPEDS), Spring 2005. Taken from the National Center for Education Statistics, "Digest of Education Statistics: 2005," Table 203, <http://nces.ed.gov/programs/digest/>.

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## North Dakota Continues to Have One of the Largest Proportions of Out-of-State, First-Year College Students

Of the 7,448 first-year students enrolled in North Dakota colleges and universities in the fall of 2004, 56 percent were North Dakota residents. This means that 44 percent of first-year college students in North Dakota came from out-of-state (3,252 students). That gave North Dakota the 6<sup>th</sup> largest proportion of out-of-state, first-year students among all states in the nation. "Our sustained ability to draw out-of-state students to our campuses demonstrates the perceived educational value of our university system. Moreover, we benefit greatly from the pool of out-of-state students we attract because more than one in four (27 percent) remain in North Dakota after they graduate from college," said Richard Rathge, Director of the State Data Center.

This month's "Economic Brief," a monthly publication from the North Dakota State Data Center at North Dakota State University, focuses on the residence and migration of first-year college students (high school graduates enrolled in college within one year of high school graduation) - data provided by the National Center for Education Statistics (NCES). The number of high school graduates in North Dakota has declined over the past few decades from 10,850 in 1970 to 7,740 in 2006. In addition, since 1998, a larger proportion of North Dakota graduates who attend college within one year of graduation (first-year students) are leaving the state for college. In the fall of 1998, 16 percent of North Dakota resident first-year students left the state to attend college. By 2004, this proportion grew to 26 percent.

Of the 5,661 North Dakota resident first-year students in the fall of 2004, 74 percent were enrolled in North Dakota colleges or universities (4,196 students). This was slightly below the national average of 81 percent of first-year students attending college in their home state. Thus, 26 percent of North Dakota resident first-year students left North Dakota to attend college in 2004 (1,465 students). When one takes into account the 3,252 students entering North Dakota to attend college, the result is a net in-migration of 1,787 first-year students to North Dakota. This net in-migration indicates that North Dakota brought in 32 percent more first-year students to its colleges and universities than it could have generated by using North Dakota resident first-year students alone, a level that only five other states in the nation exceeded in 2004.

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