

## North Dakota Residence and Migration of First-Year College Students: Fall 2008

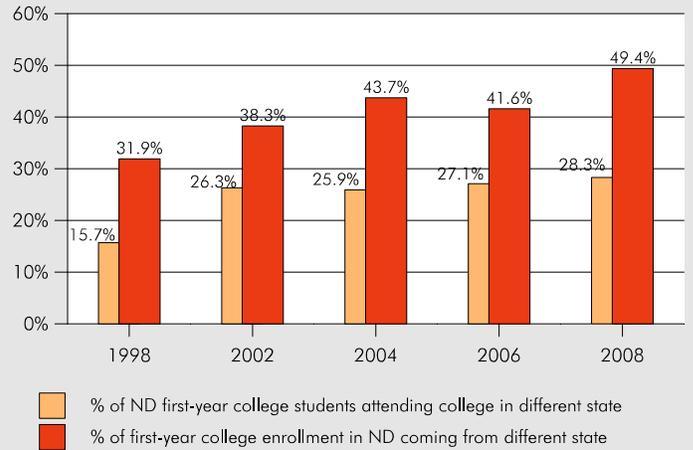
The number of North Dakota high school graduates has declined over the past few decades from 10,850 in 1970 to 7,365 in 2009. In addition, since 1998, a larger proportion of North Dakota graduates who attend college within one year of graduation (referred to here as “first-year college students”) are leaving the state for college. In fall 1998, 16 percent of North Dakota resident first-year college students left the state to attend college. By 2008, this proportion grew to 28 percent (Figure 1).

Of the 4,732 North Dakota resident first-year college students in the fall of 2008, 72 percent (3,392 students) were enrolled in North Dakota colleges or universities. This proportion was below the national average of 81 percent of first-year students attending college in their home state. The remaining 28 percent of North Dakota resident first-year students (1,340 students) left North Dakota to attend college in 2008 (Table 1).

Of the 6,705 first-year students enrolled in North Dakota colleges and universities in fall 2008, 51 percent (3,392 students) were North Dakota residents. This means that 49 percent of first-year college students in North Dakota (3,313 students) came from out of state (Figure 1). North Dakota had the 3<sup>rd</sup> largest proportion of out-of-state, first-year students among all states (Figure 2). As a result, North Dakota had an overall net in-migration of 1,973 students in fall 2008 (Table 1). This net in-migration indicates that North Dakota brought in 42 percent more first-year students to its colleges and universities than it could have generated if every North Dakota resident first-year student stayed in North Dakota for school (an increase from 25 percent more in fall 2006).

Figure 1. Characteristics of First-Year College Students

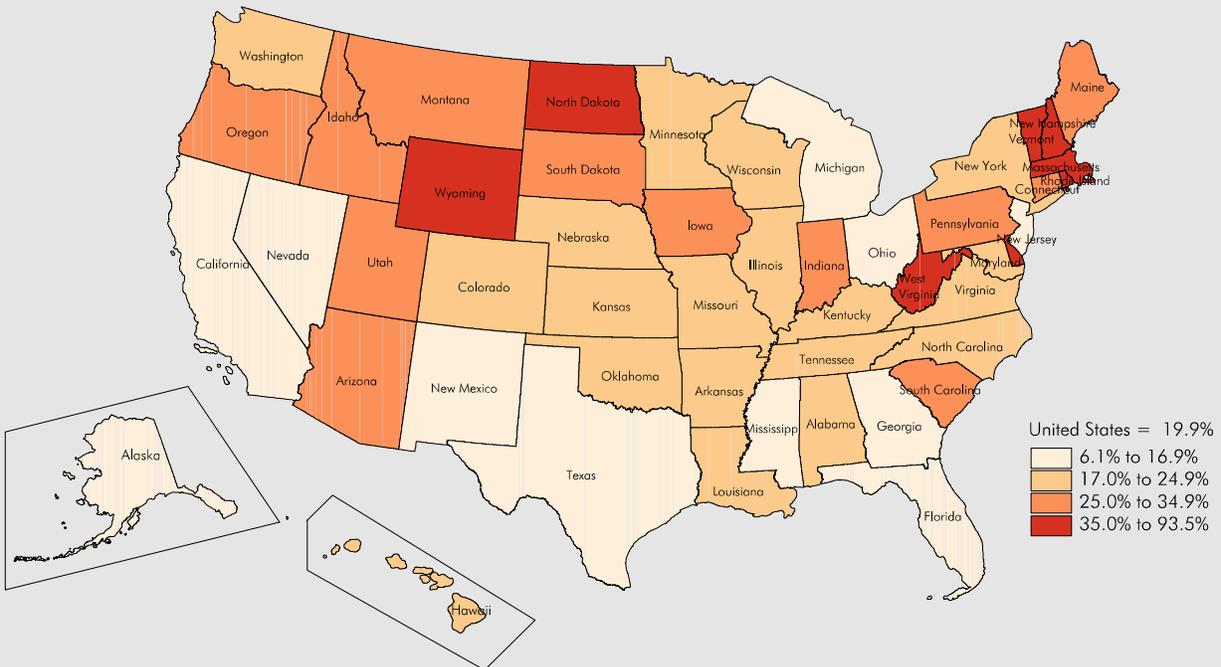
North Dakota: 1998 to 2008



Source: National Center for Education Statistics

Figure 2. Percent of Out-of-State, First-Year College Students in Degree-Granting Institutions by State: Fall 2008

Source: U.S. Department of Education, National Center for Education Statistics, 2008 Integrated Postsecondary Education Data System (IPEDS), Spring 2009. Taken from the National Center for Education Statistics, "Digest of Education Statistics: 2009," Table 223, <http://nces.ed.gov/programs/digest/>.



**Table 1. Residence and Migration of First-Year College Students in Degree-Granting Institutions, Who Graduated from High School in the Previous 12 Months, by State: Fall 2008**

State	Students enrolled in institutions located in the state <sup>1</sup>	Student residents of the state		Student attending college in home state		Migration of first-year students		
		Attending college in any state <sup>2</sup>	Attending college in home state <sup>3</sup>	Percent of student residents (D/C)	Percent of students enrolled (D/B)	Out of the state (C-D)	Into the state <sup>4</sup> (B-D)	Net (H-G)
A	B	C	D	F	E	G	H	I
United States <sup>5</sup>	2,139,030	2,109,931	1,713,334	81.2%	80.1%	396,597	425,696	29,099
Alabama	36,788	30,616	27,732	90.6%	75.4%	2,884	9,056	6,172
Alaska	2,362	3,682	2,128	57.8%	90.1%	1,554	234	-1,320
Arizona	39,829	33,022	29,500	89.3%	74.1%	3,522	10,329	6,807
Arkansas	21,005	18,820	16,739	88.9%	79.7%	2,081	4,266	2,185
California	265,154	267,801	245,051	91.5%	92.4%	22,750	20,103	-2,647
Colorado	30,428	30,445	23,182	76.1%	76.2%	7,263	7,246	-17
Connecticut	26,574	31,580	17,366	55.0%	65.4%	14,214	9,208	-5,006
Delaware	7,222	6,076	4,103	67.5%	56.8%	1,973	3,119	1,146
Dist. of Columbia	8,659	2,680	562	21.0%	6.5%	2,118	8,097	5,979
Florida	102,980	98,630	87,156	88.4%	84.6%	11,474	15,824	4,350
Georgia	60,585	63,374	52,821	83.3%	87.2%	10,553	7,764	-2,789
Hawaii	7,166	8,725	5,852	67.1%	81.7%	2,873	1,314	-1,559
Idaho	9,182	8,578	6,020	70.2%	65.6%	2,558	3,162	604
Illinois	75,307	86,277	61,481	71.3%	81.6%	24,796	13,826	-10,970
Indiana	52,185	43,803	38,509	87.9%	73.8%	5,294	13,676	8,382
Iowa	29,294	23,682	20,267	85.6%	69.2%	3,415	9,027	5,612
Kansas	23,848	21,665	18,451	85.2%	77.4%	3,214	5,397	2,183
Kentucky	29,633	26,424	23,406	88.6%	79.0%	3,018	6,227	3,209
Louisiana	29,816	27,362	24,720	90.3%	82.9%	2,642	5,096	2,454
Maine	9,729	9,690	6,575	67.9%	67.6%	3,115	3,154	39
Maryland	34,691	43,171	26,917	62.4%	77.6%	16,254	7,774	-8,480
Massachusetts	63,502	56,456	38,275	67.8%	60.3%	18,181	25,227	7,046
Michigan	72,752	74,115	65,885	88.9%	90.6%	8,230	6,867	-1,363
Minnesota	41,418	45,235	32,682	72.2%	78.9%	12,553	8,736	-3,817
Mississippi	24,024	21,786	20,182	92.6%	84.0%	1,604	3,842	2,238
Missouri	43,544	41,421	34,488	83.3%	79.2%	6,933	9,056	2,123
Montana	6,640	6,272	4,789	76.4%	72.1%	1,483	1,851	368
Nebraska	14,864	14,531	11,883	81.8%	79.9%	2,648	2,981	333
Nevada	8,644	9,916	7,459	75.2%	86.3%	2,457	1,185	-1,272
New Hampshire	11,269	11,032	5,736	52.0%	50.9%	5,296	5,533	237
New Jersey	49,249	77,068	44,863	58.2%	91.1%	32,205	4,386	-27,819
New Mexico	13,675	13,376	11,449	85.6%	83.7%	1,927	2,226	299
New York	154,976	153,009	123,387	80.6%	79.6%	29,622	31,589	1,967
North Carolina	65,329	58,670	52,578	89.6%	80.5%	6,092	12,751	6,659
<b>North Dakota</b>	<b>6,705</b>	<b>4,732</b>	<b>3,392</b>	<b>71.7%</b>	<b>50.6%</b>	<b>1,340</b>	<b>3,313</b>	<b>1,973</b>
Ohio	83,283	83,895	70,330	83.8%	84.4%	13,565	12,953	-612
Oklahoma	24,984	22,212	19,635	88.4%	78.6%	2,577	5,349	2,772
Oregon	19,476	17,566	13,315	75.8%	68.4%	4,251	6,161	1,910
Pennsylvania	109,357	94,458	77,647	82.2%	71.0%	16,811	31,710	14,899
Rhode Island	13,756	8,040	5,288	65.8%	38.4%	2,752	8,468	5,716
South Carolina	32,675	26,995	24,355	90.2%	74.5%	2,640	8,320	5,680
South Dakota	7,157	6,587	5,023	76.3%	70.2%	1,564	2,134	570
Tennessee	41,050	39,033	33,135	84.9%	80.7%	5,898	7,915	2,017
Texas	140,026	150,160	131,543	87.6%	93.9%	18,617	8,483	-10,134
Utah	22,386	17,259	15,817	91.6%	70.7%	1,442	6,569	5,127
Vermont	6,800	4,416	1,955	44.3%	28.8%	2,461	4,845	2,384
Virginia	61,202	57,862	47,354	81.8%	77.4%	10,508	13,848	3,340
Washington	32,355	33,590	26,438	78.7%	81.7%	7,152	5,917	-1,235
West Virginia	14,651	10,682	9,474	88.7%	64.7%	1,208	5,177	3,969
Wisconsin	42,804	41,738	33,703	80.7%	78.7%	8,035	9,101	1,066
Wyoming	4,488	3,262	2,479	76.0%	55.2%	783	2,009	1,226

Notes: Includes all first-time postsecondary students who graduated from high school in the previous 12 months and were enrolled at reporting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

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

<sup>2</sup> All student 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, 2008 Integrated Postsecondary Education Data System (IPEDS), Spring 2009. Taken from the National Center for Education Statistics, "Digest of Education Statistics: 2009," Table 223, <http://nces.ed.gov/programs/digest/>.

Date of Release: August 17, 2010

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

Of the 6,705 first-year students enrolled in North Dakota colleges and universities in fall 2008, 51 percent (3,392 students) were North Dakota residents. This means that 49 percent of first-year college students in North Dakota (3,313 students) came from out of state. That gave North Dakota the third largest proportion of out-of-state, first-year students among all states.

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) provided by the National Center for Education Statistics.

The number of high school graduates in North Dakota has declined over the past few decades from 10,850 in 1970 to 7,005 in 2009. In addition, since 1998, a larger proportion of North Dakota graduates who attend college within one year of graduation are leaving the state for college. In fall 1998, 16 percent of North Dakota resident first-year students left the state to attend college. By 2008, this proportion grew to 28 percent.

Of the 4,732 North Dakota resident first-year students in the fall of 2008, 72 percent (3,392 students) were enrolled in North Dakota colleges or universities. Nationally, 81 percent of first-year students attended college in their home state. The remaining 28 percent of North Dakota resident first-year students (1,340 students) left North Dakota to attend college in 2008. When taking into account the 3,313 students entering North Dakota to attend college, the result is a net in-migration of 1,973 first-year students.

This net in-migration indicates that North Dakota brought in 42 percent more first-year students to its colleges and universities than it could have if every North Dakota resident first-year student stayed in North Dakota for school, a level only two other states in the nation exceeded in 2008.

"A tracking system by the North Dakota University System finds that 63 percent of North Dakota college graduates were either employed in North Dakota or re-enrolled within the state one year after graduation. Our continued success in drawing students to North Dakota demonstrates the value of our higher education system and the economic impact it has on the state," said Richard Rathge, Director of the State Data Center.

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View publication online at:  
<http://www.ndsu.edu/sdc/publications.htm>