

North Dakota Residence and Migration of First-Year College Students: Fall 2006

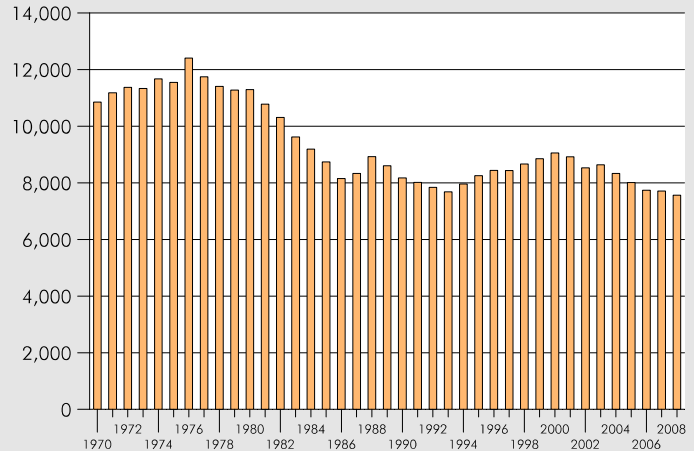
The number of North Dakota high school graduates has declined over the past few decades from 10,850 in 1970 to 7,562 in 2008 (Figure 1). In addition, since 1998, a larger proportion of North Dakota graduates who attend college within one year of graduation (referred to here as “first-year students”) are leaving the state for college. In fall 1998, 16 percent of North Dakota resident first-year students left the state to attend college. By 2006, this proportion grew to 27 percent.

Of the 5,504 North Dakota resident first-year students in the fall of 2006, 73 percent (4,014 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 27 percent of North Dakota resident first-year students (1,490 students) left North Dakota to attend college in 2006 (Table 1).

Of the 6,875 first-year students enrolled in North Dakota colleges and universities in fall 2006, 58 percent (4,014 students) were North Dakota residents. This means that 42 percent of first-year college students in North Dakota (2,861 students) came from out of state (Table 1). North Dakota tied with Massachusetts for the 6th 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 1,371 students in fall 2006 (Table 1). This net in-migration indicates that North Dakota brought in 25 percent more first-year students to its colleges and universities than it could have generated from North Dakota resident first-year students alone (a decrease from 32 percent more in fall 2004).

Figure 1. Number of High School Graduates

North Dakota: 1970 to 2008



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 2006

Source: U.S. Department of Education, National Center for Education Statistics, 2006 Integrated Postsecondary Education Data System (IPEDS), Spring 2007. Taken from the National Center for Education Statistics, "Digest of Education Statistics: 2008," Table 224, <http://nces.ed.gov/programs/digest/>.

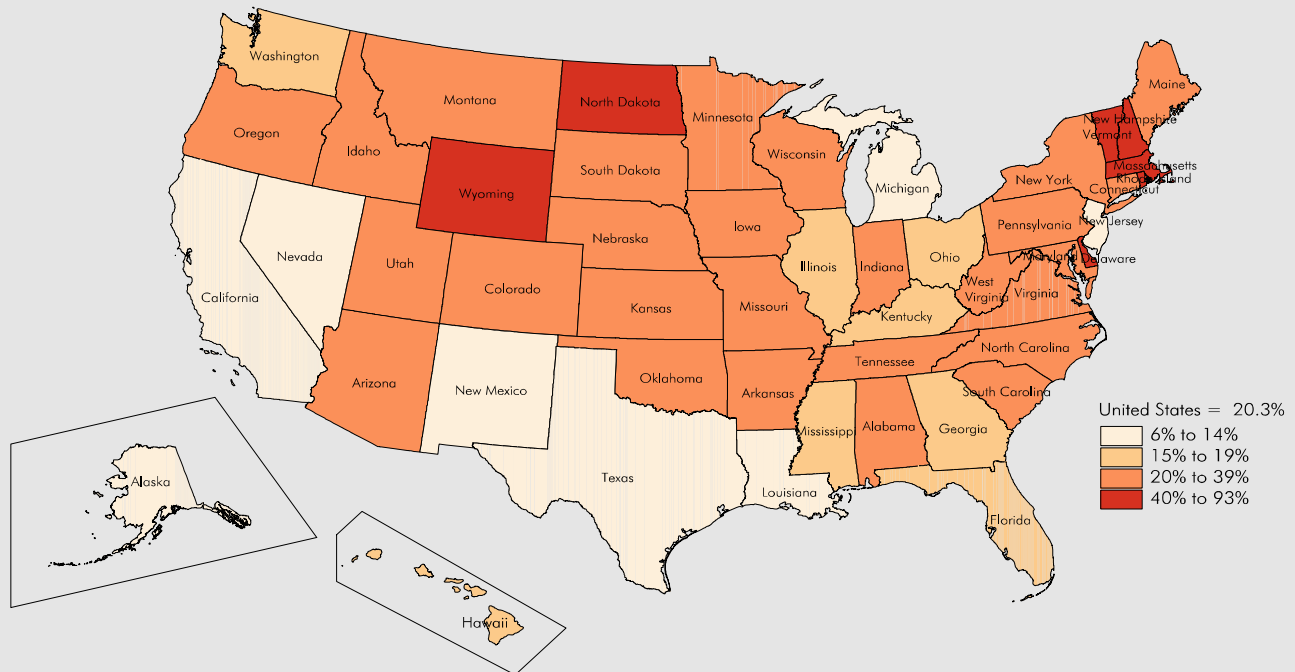


Table 1. Residence and Migration of First-Year College Students* in Degree Granting Institutions, Who Graduated from High School in the Previous 12 Months, by State: Fall 2006

State	Students enrolled in institutions located in the state ¹	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 ²	Attending college in home state ³			Out of the state (C-D)	Into the state ⁴ (B-D)	Net (H-G) or (B-C)
A	B	C	D	F	E	G	H	I
United States ⁵	1,955,510	1,929,453	1,559,301	0.81	0.80	370,152	396,209	26,057
Alabama	32,225	27,019	24,334	0.90	0.76	2,685	7,891	5,206
Alaska	2,197	3,503	1,964	0.56	0.89	1,539	233	-1,306
Arizona	31,177	25,423	22,104	0.87	0.71	3,319	9,073	5,754
Arkansas	18,800	17,063	15,093	0.88	0.80	1,970	3,707	1,737
California	208,107	210,481	190,199	0.90	0.91	20,282	17,908	-2,374
Colorado	29,351	29,748	23,020	0.77	0.78	6,728	6,331	-397
Connecticut	24,017	29,429	15,554	0.53	0.65	13,875	8,463	-5,412
Delaware	7,047	5,727	3,758	0.66	0.53	1,969	3,289	1,320
Dist. of Columbia	8,786	2,448	633	0.26	0.07	1,815	8,153	6,338
Florida	97,162	91,149	80,682	0.89	0.83	10,467	16,480	6,013
Georgia	54,763	55,094	45,503	0.83	0.83	9,591	9,260	-331
Hawaii	5,916	7,534	4,772	0.63	0.81	2,762	1,144	-1,618
Idaho	8,495	7,608	5,549	0.73	0.65	2,059	2,946	887
Illinois	74,362	85,730	63,453	0.74	0.85	22,277	10,909	-11,368
Indiana	47,986	40,088	34,811	0.87	0.73	5,277	13,175	7,898
Iowa	27,137	22,131	18,987	0.86	0.70	3,144	8,150	5,006
Kansas	22,338	20,985	17,854	0.85	0.80	3,131	4,484	1,353
Kentucky	28,574	25,883	23,043	0.89	0.81	2,840	5,531	2,691
Louisiana	27,476	27,009	24,046	0.89	0.88	2,963	3,430	467
Maine	9,347	9,887	6,399	0.65	0.68	3,488	2,948	-540
Maryland	34,244	42,002	26,681	0.64	0.78	15,321	7,563	-7,758
Massachusetts	59,053	51,800	34,476	0.67	0.58	17,324	24,577	7,253
Michigan	71,513	72,171	64,796	0.90	0.91	7,375	6,717	-658
Minnesota	40,372	43,181	31,876	0.74	0.79	11,305	8,496	-2,809
Mississippi	22,445	20,532	18,870	0.92	0.84	1,662	3,575	1,913
Missouri	40,254	38,136	31,686	0.83	0.79	6,450	8,568	2,118
Montana	6,458	6,271	4,680	0.75	0.72	1,591	1,778	187
Nebraska	14,424	14,219	11,599	0.82	0.80	2,620	2,825	205
Nevada	7,949	8,936	6,832	0.76	0.86	2,104	1,117	-987
New Hampshire	11,247	10,483	5,470	0.52	0.49	5,013	5,777	764
New Jersey	44,444	71,620	40,390	0.56	0.91	31,230	4,054	-27,176
New Mexico	12,349	13,549	10,652	0.79	0.86	2,897	1,697	-1,200
New York	143,264	141,574	113,145	0.80	0.79	28,429	30,119	1,690
North Carolina	61,718	53,787	48,693	0.91	0.79	5,094	13,025	7,931
North Dakota	6,875	5,504	4,014	0.73	0.58	1,490	2,861	1,371
Ohio	77,478	78,210	65,391	0.84	0.84	12,819	12,087	-732
Oklahoma	25,193	22,659	20,185	0.89	0.80	2,474	5,008	2,534
Oregon	17,767	16,680	12,716	0.76	0.72	3,964	5,051	1,087
Pennsylvania	104,005	89,940	74,112	0.82	0.71	15,828	29,893	14,065
Rhode Island	12,501	6,513	3,876	0.60	0.31	2,637	8,625	5,988
South Carolina	30,349	26,275	23,556	0.90	0.78	2,719	6,793	4,074
South Dakota	7,029	6,539	5,026	0.77	0.72	1,513	2,003	490
Tennessee	38,440	36,039	30,654	0.85	0.80	5,385	7,786	2,401
Texas	131,102	139,043	122,878	0.88	0.94	16,165	8,224	-7,941
Utah	18,280	13,921	12,697	0.91	0.69	1,224	5,583	4,359
Vermont	6,306	4,380	1,898	0.43	0.30	2,482	4,408	1,926
Virginia	53,544	51,499	41,342	0.80	0.77	10,157	12,202	2,045
Washington	28,892	31,129	23,988	0.77	0.83	7,141	4,904	-2,237
West Virginia	13,562	10,147	8,841	0.87	0.65	1,306	4,721	3,415
Wisconsin	42,596	42,040	33,999	0.81	0.80	8,041	8,597	556
Wyoming	4,299	3,231	2,367	0.73	0.55	864	1,932	1,068

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.

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

² All student residents in a particular state when admitted to an institution in any state. Students may be enrolled in any state.

³ Students who attend institutions in their home state.

⁴ Includes students coming to U.S. colleges from foreign countries and other jurisdictions.

⁵ Includes students reported as "state unknown" and students in U.S. Service Schools.

Source: U.S. Department of Education, National Center for Education Statistics, 2006 Integrated Postsecondary Education Data System (IPEDS), Spring 2007. Taken from the National Center for Education Statistics, "Digest of Education Statistics: 2008," Table 224, <http://nces.ed.gov/programs/digest/>.

Date of Release: November 17, 2009

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

Of the 6,875 first-year students enrolled in North Dakota colleges and universities in fall 2006, 58 percent were North Dakota residents (4,014 students). This means that 42 percent of first-year college students in North Dakota (2,861 students) came from out-of-state. That gave North Dakota the seventh 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 7,562 in 2008. 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 2006, this proportion grew to 27 percent.

Of the 5,504 North Dakota resident first-year students in the fall of 2006, 73 percent (4,014 students) were enrolled in North Dakota colleges or universities. Nationally, 81 percent of first-year students attended college in their home state. The remaining 27 percent of North Dakota resident first-year students (1,490 students) left North Dakota to attend college in 2006. When taking into account the 2,861 students entering North Dakota to attend college, the result is a net in-migration of 1,371 first-year students.

This net in-migration indicates that North Dakota brought in 25 percent more first-year students to its colleges and universities than it could have generated from North Dakota resident first-year students alone, a level only five other states in the nation exceeded in 2006.

"These impressive proportions demonstrate the value people see in our institutions of higher education in North Dakota and also explain how our University System can continue to grow despite a persistent downward trend in high school graduates," said Richard Rathge, Director of the State Data Center.

North Dakota State Data Center

North Dakota State University - IACC Building, Room 424
PO Box 6050, Dept. 8000
Fargo, North Dakota 58108-6050
Ph: (701) 231-7980 Fax: (701) 231-9730

For more information, contact:

Dr. Richard Rathge, Director
(701) 231-8621
richard.rathge@ndsu.edu

Karen Olson, Information Specialist
(701) 231-1060
k.olson@ndsu.edu

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