



**Student Transfer Patterns  
in the WICHE States:  
A Look at the  
Fall 2006 Cohort**

**January 2013**



## About WICHE

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The Western Interstate Commission for Higher Education (WICHE) is a public, interstate agency established to promote and facilitate resource sharing, collaboration, and cooperative planning among the Western states and territories and their colleges and universities. Members are:

Alaska	Hawai'i	Oregon
Arizona	Idaho	South Dakota
California	Montana	Utah
Colorado	Nevada	Washington
Commonwealth of the Northern Mariana Islands*	New Mexico	Wyoming
	North Dakota	

WICHE's broad objectives are to:

- Strengthen educational opportunities for students through expanded access to programs.
- Assist policymakers in dealing with higher education and human resource issues through research and analysis.
- Foster cooperative planning, especially that which targets the sharing of resources.

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\*The Commonwealth of the Northern Mariana Islands (CNMI) is the first of the U.S. Pacific territories and freely associated states to become active in the Western Interstate Commission for Higher Education's programs and initiatives. The other two U.S. Pacific territories – American Samoa and Guam – and the three freely associated states – Marshall Islands, Federated States of Micronesia, and Palau, also are eligible to participate and as they sign on, they will join CNMI collectively as the 16th member of WICHE.



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## Student Transfer Patterns in the WICHE States: A Look at the Fall 2006 Cohort

### Introduction

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The WICHE Interstate Passport Initiative, launched in October 2011, is a pilot project that tackles the issue of interstate student transfer. When students transfer from one postsecondary institution to another – both within and out of state – they may be required to repeat courses, which can add to the time and cost of completing their education. Although most states have implemented intrastate policies aimed at streamlining pathways to graduation, these policies do not affect students transferring to other states. And our research found that while most states have implemented policies aimed at improving transfer, few have evaluated how effective those policies actually are. Working with five Western states – California, Hawai'i, North Dakota, Oregon, and Utah – the Interstate Passport Initiative addresses this issue, with the goal of improving graduation rates, shortening time to degree, and saving students money.

The Interstate Passport Initiative seeks to forge general education core transfer agreements between 28 institutions in the five states based on the Liberal Education and America's Promise (LEAP) Essential Learning Outcomes, a quartet of targets that a college curriculum should aim to foster in students in order to prepare them for work, life, and strong citizenship. Already being adopted at a variety of colleges and universities, the LEAP outcomes were developed by the Association of American Colleges and Universities in concert with hundreds of institutions. On a regional level, the Interstate Passport Initiative will introduce a new framework for transfer based on this outcomes work. The project focuses on the lower-division general education core, the common denominator among institutions – concentrating on it as a whole, not on individual courses. It will allow for a cross-border “match” of outcomes-integrated general education cores for block transfer.

This report presents context and background of the Interstate Passport Initiative by examining the student transfer picture of the fall 2006 cohort in the 15 WICHE states (Alaska, Arizona, California, Colorado, Hawai'i, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming). In order to study the patterns and rates of student transfer in the WICHE states we requested National Student Clearinghouse data to determine the number of students that transferred among public two-year and four-year institutions in each WICHE state over a five-year period, 2006 to 2010. Data included the type of institution students transferred to and from; how often they transferred; when they transferred; and whether they transferred in state, to another WICHE state, or out of the region. (While our focus is on interstate transfers in the WICHE region, data is reported on students transferring out of the region, as well.) These analyses give us a clear idea of the volume, patterns, frequency, and timing of student transfer in the WICHE region and so will allow us to determine the kinds of interstate transfer agreements that would best serve students and where those agreements would be most effective.

According to the 2012 National Student Clearinghouse (NSC) Signature Report, *Transfer & Mobility: A National View of Pre-Degree Student Movement in Postsecondary Institutions*, a large fraction of postsecondary students “no longer follow a traditional path from college entry to degree at a single institution.”<sup>1</sup> Some students may transfer as many as three times before earning a degree, and every transfer potentially increases the cost

and time to degree and may require students to repeat courses. The NSC report points out that states and institutions often do not pay attention to the transfer and mobility of students, an approach that “is no longer adequate for informing students about their full range of educational options and policymakers about the real prospects for expanding postsecondary attainment, regardless of the institutional pathways students choose.”<sup>2</sup>

In addition to this report, we provide as a companion resource an interactive website, “State Profiles: Student Transfer Patterns in the WICHE States,” that contains all of the fall 2006 cohort data on student transfer. The site provides information on the exact numbers of student transfers within and between individual WICHE states, and allows users to see how many and where students in each state transferred to and from, and to compare transfer rates and patterns between states. The site is located at [www.wiche.edu/passport/studentTransfers](http://www.wiche.edu/passport/studentTransfers).

## The Regional Picture

In order to examine the transfer patterns and rates among students in the Western states, WICHE requested data from the National Student Clearinghouse (NSC) Research Center on the transfer activities and mobility of the fall 2006 cohort of students in the 15 WICHE states. We analyzed these data to answer one of four research questions of the project:

To what extent do WICHE state public institutions enroll students that transfer from public institutions in a different WICHE state?

Using IPEDS Title IV institutions as the base study population, NSC data<sup>3</sup> present the number of students who, over a five-year period (2006 to 2010), transferred from either two- or four-year public institutions to either two- or four-year public institutions in their home state, in another WICHE state, or in a non-WICHE state. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006. The set excludes students who received any degree or certificate from a two- or four-year institution prior to 2006 as determined by NSC. Thus, the size of this data sample and the related number of transfers are smaller than would be the case if all enrolled students were included. The data set captures any change in a student’s institution of enrollment irrespective of the timing, direction, or location of the move and represents an unduplicated headcount of students across all institutions.<sup>4</sup> By design the data set is intended to provide a clear idea of the transfer *pattern* of this specific group of students in the WICHE states.

Note that NSC, in order to ensure the most accurate possible reflection of all institutions, used state sector coverage weights to come to final counts. Therefore, the results reported here are weighted according to the coverage rate for each institution category (sector and control). Coverage of enrollments by sector (e.g., four-year and two-year institutions) and by control (e.g., public, private nonprofit, private for-profit institutions) was not 100 percent in any case, so the weighting scheme is used to correct for missing information. Low coverage in either sector or control resulted in a large adjustment.

According to NSC, one third of all students nationwide transfer at least once within a five-year period, and our analysis of these data indicates that this holds true for the WICHE states as well. The total number of fall 2006 cohort students enrolled in public institutions in WICHE states who transferred was 224,392, or 33.6 percent of the entire cohort (Table 1). The transfer rate for full-time students was 35.9 percent, and 31.6 percent for part-time students.

<b>Table 1. Total Number of Student Transfers WICHE States, Fall 2006 Cohort</b>		
	<b>Weighted Count</b>	<b>% of Entire Cohort</b>
<b>Transfer</b>	224,392	33.56%
<b>Entire Cohort</b>	668,583	100.00%

*Note:* All table report counts are weighted by state-sector coverage weights. Student counts and row totals may show small discrepancies, due to rounding of weighted counts.

*Source:* National Student Clearinghouse Research Center.

## Transfer Variables: Destination, Timing, and Frequency

While the majority of student transfers happen within a state, the number of students who transfer out of state is also worth noting. According to the NSC *Signature Report*, nationally 21.6 percent of students from public two-year institutions transfer out of state and 25.5 percent of students from public four-year institutions transfer out of state.<sup>5</sup> The percentages in the WICHE region are fairly similar: 15.4 percent of students who began at a public two-year institution transferred out of state, and 25.3 percent of students who began at a public four-year institution did

so. Table 2 shows in-state and out-of-state transfers in the WICHE states for all types of institutions.

The timing of student transfer is another factor impacting the larger transfer picture. Table 3 shows the timing of the first transfer for students in the fall 2006 cohort, for both WICHE states and nationally. As shown, in both cases, the highest percentage of students who transferred did so in their second year – twice as many as in their first year among both WICHE states and nationally.

Frequency of student transfer is another consideration in the overall picture. Roughly 25 percent of both full- and part-time students transfer at least once. Table 4 shows that 6.4 percent of full-time and 4.4 percent of part-time students in the WICHE states transferred twice over the five-year period, compared to 6.3 percent of full-time students and 4.7 percent of part-time students nationally. About half that many students, both full- and part-time, transferred a third time in the WICHE states; nationally 2.8 percent of full-time and 2.73 percent of part-time students transferred three or more times. Overall, from 2006 to 2010, the number of full-time students in the

<b>Table 2. Transfer within State and out of State 2006 - 2010 by Sector and Control of Origin Institution All Transfer Students, WICHE States, Fall 2006 Cohort</b>						
Origin Institution	Within-State Transfer		Out-of-State Transfer		Total	
	Weighted Count	%*	Weighted Count	%*	Weighted Count	%*
<b>Two-Year</b>						
Public	108,246	84.6%	19,647	15.4%	127,893	100%
Private Nonprofit	270	75.1	90	24.9	360	100
Private for-Profit	23,667	95.5	1,111	4.5	24,778	100
<b>Four-Year</b>						
Public	52,125	74.7	17,647	25.3	69,773	100
Private Nonprofit	7,752	58.6	5,481	41.4	13,234	100
Private for-Profit	317	58.5	225	41.6	542	100

\* Share of students over entire cohort of transfer students, by institution type

Source: National Student Clearinghouse Research Center.

Note: Totals for Table 1 and 2 do not match due to differing state sector coverage weights. In addition, all reported figures exclude the movement of students into and out of multistate institutions.

<b>Table 3. Timing of First Transfer, 2006 - 2010 All Transfer Students, WICHE States and Nationwide Fall 2006 Cohort</b>					
	Year 1 (2006-07)	Year 2 (2007-08)	Year 3 (2008-09)	Year 4 (2009-10)	Year 5 (2010-11)
<b>WICHE States</b>					
All Students (weighted count)	34,080	74,498	56,312	35,367	24,135
% of All Transfer Students	15.19%	33.20%	25.10%	15.76%	10.76%
<b>Nationwide</b>					
All Students (weighted count)	142,677 15.45%	342,493 37.10%	232,779 25.21%	122,682 13.29%	82,566 8.94%
Full Time %	99,354 18.88%	188,014 35.73%	129,716 24.65%	66,219 12.58%	42,917 8.16%
Part Time %	36,301 9.93%	144,819 39.62%	96,626 26.44%	51,642 14.13%	36,102 9.88%

Source: National Student Clearinghouse Research Center.

Table 4. Frequency of Transfer, WICHE States, 2006-2010 Fall 2006 Cohort								
	Once		Twice		Three Times or More		Total Students Who Transferred More than Once	
Initial Enrollment Intensity	Weighted Count	%*	Weighted Count	%*	Weighted Count	%*	Count	%*
Full Time	82,973	26.3%	20,088	6.4%	10,149	3.2%	30,237	9.6%
Part Time	79,758	24.8%	14,315	4.4%	7,694	2.4%	22,009	6.8%

\* Share of students over entire cohort of transfer students, by institution type

Source: National Student Clearinghouse Research Center.

cohort who transferred more than once was 30,237, or 9.6 percent. A total of 22,009 part-time students, or 6.8 percent, transferred more than once.

As the NSC *Signature Report* notes, the variables and patterns of student transfer “reflect the complexity of postsecondary student enrollment, transfer, and persistence across all sectors of higher education. The results suggest that the linear view of college access and success that focuses on the initial institution attended often fails to address the realities on the ground.”<sup>6</sup> Students transfer for myriad reasons, and facilitating the transfer process is becoming increasingly important for institutions in all states. Streamlining the pathways toward graduation is essential for expanding postsecondary attainment, and developing interstate transfer agreements between states is one step toward making that process more efficient – for states and institutions as well as for students.

## The State-by-State Picture

The NSC data for the 2006 cohort indicate how many students in the WICHE states transferred across state lines, from which type of institution and to which states – to other WICHE states or out of the region altogether. Due to privacy concerns, counts of fewer than 20 students in any given year are not delineated, however, they are counted and included in the five-year totals.

Also, Arizona and Alaska community colleges did not provide data to NSC, so transfers from those two-year institutions cannot be reported.

As shown in Table 2, the majority of student transfers – 84.6 percent from two-year public institutions and 74.7 percent from four-year institutions – are intrastate. For the fall 2006 cohort, in all WICHE states, the highest number of transfers from both two-year and four-year institutions stayed in state. Unsurprisingly, when students transferred out of state, neighboring states gained the next highest number of transfer students. Students transferring from New Mexico, for example, most often went to Arizona or Colorado. Oregon students transferred most often to California or Washington. This pattern held for all WICHE states.

The numbers of transfers into and out of the 15 WICHE states are presented in Table 5. The difference between the number of WICHE state students transferring into a state and those transferring out of that state to another WICHE state are not substantially different. For example, 1,088 students transferred out of Colorado to other WICHE states, while 1,091 students came into Colorado from other WICHE states. Similarly, North Dakota had a difference of only four students. California had the largest discrepancy: 807 more students transferred out to other WICHE states than transferred into the state.

Three WICHE states – California, Colorado and Washington – sent students to nearly all other states in the region. Approximately 3,438 students from two-year institutions in California transferred to institutions in 13 other WICHE states. Four-year students from Washington (812) and Colorado (712) transferred to 10 different WICHE states. Fewer than 20 students from two-year institutions in Montana, North Dakota, and South Dakota transferred to any other WICHE state over the five-year period. California was the only WICHE state to receive students from two-year institutions in both Hawai'i and Nevada, and Colorado was the only WICHE state to receive students from the Wyoming's only four-year institution, the University of Wyoming. California sent the highest number of transfer students out of the WICHE region – approximately 3,900 – followed by Colorado with 1,612. Idaho sent the fewest number of students – 164 – out of the region.

<b>Table 5. Interstate Transfers among WICHE States Two-year and Four-year Public Institutions Fall 2006 Cohort</b>				
	<b>Student Transfers Into the State from Other WICHE States</b>	<b>Student Transfers Out of the State to Other WICHE States Only</b>	<b>Student transfers Out of the State to Non- WICHE States Only</b>	<b>Total Student Transfers Out of the State</b>
<b>Alaska</b>	182	367	254	621
<b>Arizona</b>	1,624	1,137	905	2,042
<b>California</b>	3,061	3,868	3,899	7,767
<b>Colorado</b>	1,188	1,091	1,612	2,703
<b>Hawai'i</b>	381	273	214	487
<b>Idaho</b>	601	769	164	933
<b>Montana</b>	373	367	225	592
<b>Nevada</b>	900	779	350	1,129
<b>New Mexico</b>	401	411	661	1,072
<b>North Dakota</b>	83	79	924	1,003
<b>Oregon</b>	1,811	1,029	342	1,371
<b>South Dakota</b>	94	74	475	549
<b>Utah</b>	601	724	496	1,220
<b>Washington</b>	1,661	1,882	749	2,631
<b>Wyoming</b>	253	364	233	597
<b>TOTAL</b>	13,214	13,214	11,503	24,717

Source: National Student Clearinghouse Research Center.

Excluding intrastate transfers, California received the most transfer students from other WICHE states (3,061), and North Dakota received the fewest (83). Predictably, California had the highest number of student transfers during the five-year period (including intrastate) – 101,694 – and Alaska had the fewest number of transfers at 892, although that figure is for four-year institutions only.

A number of factors determine where a student might transfer to – program and course availability, cost, location, graduation requirements, available capacity of receiving institution or state, and remaining time to degree. The type of institution students transferred from and the type they transferred to (two-year or four-year) varied across the WICHE states. Table 6 below shows the percentages of students transferring along four different pathways:

- ◆ From two-year institutions to two-year institutions.
- ◆ From two-year institutions to four-year institutions.
- ◆ From four-year institutions to two-year institutions (commonly known as reverse transfer).
- ◆ From four-year institutions to four-year institutions.

<b>Table 6. Interstate Transfers by Institution Type with Percentage of Total Student Transfers WICHE States, Fall 2006 Cohort</b>				
	<b>Two-year Institution Students to Two-year Institutions</b>	<b>Two-year Institution Students to Four-year Institutions</b>	<b>Four-year Institution Students to Two-year Institutions<sup>7</sup></b>	<b>Four-year Institution Students to Four-year Institutions</b>
<b>Alaska</b>	No observations	No observations	33.34%	66.48%
<b>Arizona</b>	No observations	No observations	71.77	28.23
<b>California</b>	52.61%	23.15%	20.66	3.58
<b>Colorado</b>	18.45	27.67	27.66	26.22
<b>Hawai'i</b>	40.31	23.00	23.00	13.69
<b>Idaho</b>	6.47	25.28	30.85	37.40
<b>Montana</b>	1.52	23.44	26.42	48.80
<b>Nevada</b>	3.83	7.11	32.79	56.26
<b>New Mexico</b>	10.78	19.73	52.31	17.18
<b>North Dakota</b>	8.20	24.99	22.52	44.30
<b>Oregon</b>	34.06	31.45	21.83	12.66
<b>South Dakota</b>	3.55	7.52	32.36	56.58
<b>Utah</b>	7.72	46.90	15.12	30.26
<b>Washington</b>	29.50	27.10	20.01	23.38
<b>Wyoming</b>	33.70	51.71	10.68	3.91

Source: National Student Clearinghouse Research Center.

The total number of students enrolled in state public institutions is certainly driven by the total population in the state, the number of institutions, and geographical considerations, as well as the postsecondary education effort in each state. All of these factors contribute to the higher education picture and transfer activity in each WICHE state. Within the WICHE region, there are 395 public institutions; 274 (69.4 percent) are two-year institutions and 121 (30.6 percent) are four-year institutions. Data from the fall 2006 IPEDS Enrollment Survey show a total of 469,941 first-time freshmen enrolled in these institutions in fall 2006 and a total undergraduate enrollment of 3,460,836. Table 7 shows the ranking of each WICHE state in terms of the number of first-time freshmen enrolled and total undergraduate enrollment. Using NSC data, the table also shows how each state ranks in terms of the total number of fall 2006 cohort students (as defined above) who transferred at least once in the five-year period to any destination – in state, to another WICHE state, or out of the WICHE region.



<b>Table 7. Ranking of WICHE States First-Time Freshmen, Enrollment, Total Transfers Over Five Years WICHE States, Fall 2006 Cohort</b>							
	Public Institution Total *	First-time Freshmen Total *	Rank	Undergraduates Total *	Rank	Transfers Over Five Years Total **	Rank
<b>Alaska</b>	5	2,856	15	26,428	15	892	15
<b>Arizona</b>	28	36,765	3	305,404	2	5,685	6
<b>California</b>	147	244,647	1	1,933,614	1	101,697	1
<b>Colorado</b>	28	39,027	2	203,005	4	11,090	3
<b>Hawai'i</b>	10	6,521	13	43,439	10	1,848	11
<b>Idaho</b>	7	8,470	9	52,771	9	2,211	10
<b>Montana</b>	18	7,781	10	38,617	11	1,715	12
<b>Nevada</b>	7	13,219	8	92,291	8	3,416	8
<b>New Mexico</b>	28	15,741	7	107,801	7	4,192	7
<b>North Dakota</b>	14	7,281	12	38,131	12	2,305	9
<b>Oregon</b>	26	23,882	5	142,920	5	6,633	5
<b>South Dakota</b>	12	7,410	11	33,124	13	1,437	14
<b>Utah</b>	14	21,970	6	136,933	6	7,931	4
<b>Washington</b>	43	29,870	4	277,233	3	14,869	2
<b>Wyoming</b>	8	4,501	14	29,125	14	1,638	13
<b>TOTAL</b>	395	469,941		3,460,836		167,669 (unweighted)	

*Sources:*

\* IPEDS Enrollments Survey, Fall 2006, Part A, provided by the National Center for Higher Education Management Systems.

\*\* National Student Clearinghouse Research Center.

## Conclusion

WICHE embarked on this project with the goals of learning more about transfer patterns in the region and streamlining the process for students transferring across state lines in the WICHE states. It tackled these goals by examining a cohort of the region's students over a five-year period, 2006 to 2010. Data supplied by the NSC for the 2006 cohort – first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 – show the number of transfer students is significant. The total number of fall 2006 cohort students enrolled in public institutions in WICHE states who transferred at least once between 2006 and 2010 was 224,392, or 33.6 percent of the entire cohort, very similar to the percentage of students who transfer nationwide. Of the students who began at a public two-year institution, 15.4 percent transferred out of state; 25.3 percent of students who began at a public four-year institution did so. As noted, neighboring states gained the highest number of interstate transfer students.

During the five-year period, the highest percentage of students who transferred did so in their second year – twice as many as in their first year. More full-time students transferred more than once than did part-time students: 9.6 percent vs. 6.8 percent. The difference between the number of WICHE-state students transferring into a state and the number transferring out of that state to another WICHE state is not substantial.

From this study, it is clear that a program such as the Interstate Passport Initiative has the potential to impact a significant number of students and institutions in the region. The initiative aims to facilitate interstate block transfers of the general education core based on learning outcomes, not courses and credits, between participating institutions. It will prevent transfer students from having to repeat courses on their academic pathway toward a certificate or degree, saving them time and money as well as reducing costs for institutions, states, and taxpayers.

## State Profiles

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The following pages present summary information about the transfer activity for the fall 2006 cohort in each WICHE state, including the number of students who transferred to other WICHE states and to non-WICHE states, and the type of institution they transferred to. All numbers are unweighted. The WICHE region fall 2006 cohort is not the usual cohort that campuses track for the Student Right-to-Know and Campus Security Act. That cohort does not include part-time students. Detailed information on the total numbers of student transfers within and between individual WICHE states, including institution type origin and destination, is available on the Interstate Passport Initiative website ([www.wiche.edu/passport/studentTransfers](http://www.wiche.edu/passport/studentTransfers)).

## Alaska

The state of Alaska has five public institutions of higher education – two two-year institutions and three four-year institutions. The fall 2006 IPEDS Enrollment Survey reported a total of 2,856 first-time freshmen enrolled in these public institutions; total undergraduate enrollment, of both part-time and full-time students, was 26,428 students. Alaska ranks 15th among WICHE states in terms of the total number of first-time freshmen and total undergraduates enrolled.<sup>9</sup>

**Transfers out of Alaska.** Alaska ranks 15th in terms of the total number of fall 2006 cohort students (892) who transferred during the five-year period (2006 to 2010) within Alaska, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC. Alaska community colleges did not provide data to NSC, so data below show students transferring from four-year institutions only.

Number of Alaska Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
137	117	254	162	476	638	299	593	892

Source: National Student Clearinghouse Research Center.

**Transfers within Alaska.** A total of 271 fall 2006 cohort students transferred within Alaska between 2006 and 2010:

- ◆ No observations from two-year institutions.
- ◆ Four-year institution to two-year institution = 0 or fewer than 20.
- ◆ Four-year institution to four-year institution = 271.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

Alaska In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total **	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
From 2-yr.	No Observations											
From 4-yr.	*	*	*	95	*	70	*	52	*	35	*	271

\* Counts of fewer than 20.

\*\* Due to privacy concerns, counts of fewer than 20 students in any given year are not delineated, however, they are counted and included in the five-year totals

Source: National Student Clearinghouse Research Center.

<b>Alaska Public Institutions (5)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
Ilisagvik College Prince William Sound Community College	University of Alaska Anchorage University of Alaska Fairbanks University of Alaska Southeast

## Arizona

The fall 2006 IPEDS Enrollment Survey reported a total of 36,765 first-time freshmen enrolled in 28 public institutions across the state of Arizona. Total undergraduate enrollment, of both part-time and full-time students, was 305,404. Arizona ranks third among WICHE states in terms of the total number of first-time freshmen and second in terms of total undergraduates enrolled.<sup>10</sup>

**Transfers out of Arizona.** Arizona ranks sixth in terms of the total number of fall 2006 cohort students (5,686) who transferred during the five-year period (2006 to 2010) within Arizona, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC. Arizona community colleges did not provide data to NSC, so data below show students transferring from four-year institutions only.

Number of Arizona Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
447	458	905	3,633	1,147	4,780	4,080	1,605	5,685

Source: National Student Clearinghouse Research Center.

**Transfers within Arizona.** A total of 3,643 fall 2006 cohort students transferred within Arizona between 2006 and 2010:

- ◆ No observations from two-year institutions.
- ◆ Four-year institution to two-year institution = 2,924.
- ◆ Four-year institution to four-year institution = 719.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

Arizona In-state Transfers, 2006-2010													
	2006		2007		2008		2009		2010		Total		
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	
From 2-yr.	No Observations												
From 4-yr.	67	126	1,341	290	813	174	402	87	301	42	2,924	719	

Source: National Student Clearinghouse Research Center.

<b>Arizona Public Institutions (28)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
Arizona Western College	Arizona State University at the Downtown Phoenix Campus
Central Arizona College	Arizona State University at the Polytechnic Campus
Chandler/Gilbert Community College	Arizona State University at the Tempe Campus
Coconino County Community College	Arizona State University at the West Campus
Cochise College	Northern Arizona University
Dine College	University of Arizona
Eastern Arizona College	
Estrella Mountain Community College	
Gateway Community College	
Glendale Community College	
Maricopa Skill Center*	
Mesa Community College	
Mohave Community College	
Northland Pioneer College	
Paradise Valley Community College	
Phoenix College	
Pima Community College	
Rio Salado College	
Scottsdale Community College	
South Mountain Community College	
Tohono O’odham Community College	
Yavapai College	

\*Not included in Fall 2006 Cohort

## California

California has the largest population and the largest number of public institutions among the WICHE states, so it ranks first in terms of the total number of first-time freshmen and undergraduates enrolled. The fall 2006 IPEDS Enrollment Survey reported a total of 244,647 first-time freshmen enrolled in 147 public institutions across the state; total undergraduate enrollment, of both part-time and full-time students, was 1,933,614.<sup>11</sup>

**Transfers out of California.** California ranks first among WICHE states in the total number of fall 2006 cohort students (101,697) who transferred during the five-year period (2006 to 2010) within California, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of California Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
2,187	1,712	3,899	72,320	25,478	97,998	74,507	27,190	101,697

Source: National Student Clearinghouse Research Center.

**Transfers within California.** A total of 93,932 fall 2006 cohort students transferred within California between 2006 and 2010 via four different pathways:

- ◆ Two-year institution to two-year institution = 49,934.
- ◆ Two-year institution to four-year institution = 20,294.
- ◆ Four-year institution to two-year institution = 20,716.
- ◆ Four-year institution to four-year institution = 2,988.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

California In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
From 2-yr.	8,746	766	15,502	4,145	12,084	6,011	8,196	5,311	5,406	4,061	49,934	20,294
From 4-yr.	6,901	560	7,408	1,140	3,543	926	1,696	239	1,168	123	20,716	2,988

Source: National Student Clearinghouse Research Center.

**California Public Institutions (147)**

**Two-Year**

Allan Hancock College	Fresno City College
American River College	Fullerton College
Antelope Valley College	Gavilan College
Bakersfield College	Glendale Community College
Barstow Community College	Golden West College
Berkeley City College	Grossmont College
Butte College	Hartnell College
Cabrillo College	Imperial Valley College
Canada College	Irvine Valley College
Cerritos College	Charles A. Jones Skills and Business Education Center*
Cerro Coso Community College	Lake Tahoe Community College
Chabot College	Laney College
Chaffey College	Las Positas College
Citrus College	Lassen Community College
City College of San Francisco	Long Beach City College
College of Alameda	Los Angeles Harbor College
College of Marin	Los Angeles Pierce College
College of San Mateo	Los Angeles Southwest College
College of the Canyons	Los Angeles Trade Technical College
College of the Desert	Los Angeles Valley College
College of the Redwoods	Los Angeles City College
College of the Sequoias	Los Angeles County College of Nursing and Allied Health
College of the Siskiyous	Los Angeles Mission College
Coastline Community College	Los Medanos College
Columbia College	Mendocino College
Contra Costa College	Merced College
Copper Mountain College	Merritt College
Cosumnes River College	MiraCosta College
Crafton Hills College	Mission College
Cuesta College	Modesto Junior College
Cuyamaca College	Monterey Peninsula College
Cypress College	Moorpark College
De Anza College	Mt San Antonio College
Diablo Valley College	Mt. San Jacinto Community College District
East Los Angeles College	Napa Valley College
East San Gabriel Valley Regional Occupational Program	Ohlone College
El Camino College-Compton Center	Orange Coast College
El Camino Community College District	Oxnard College
Evergreen Valley College	Palo Verde College
Feather River Community College District	Palomar College
Folsom Lake College	
Foothill College	



<b>California Public Institutions (continued)</b>	
<b>Two-Year (continued)</b>	<b>Four-Year</b>
Pasadena City College	California Maritime Academy
Porterville College	California Polytechnic State University- San Luis Obispo
Reedley College	California State University-Bakersfield
Rio Hondo College	California State University-San Bernardino
Riverside Community College	California State Polytechnic University- Pomona
Sacramento City College	California State University-Channel Islands
Saddleback College	California State University-Chico
San Bernardino Valley College	California State University-Dominguez Hills
San Diego City College	California State University-East Bay
San Diego Mesa College	California State University-Fresno
San Diego Miramar College	California State University-Fullerton
San Joaquin Delta College	California State University-Long Beach
San Jose City College	California State University-Los Angeles
Santa Ana College	California State University-Monterey Bay
Santa Barbara City College	California State University-Northridge
Santa Monica College	California State University-Sacramento
Santa Rosa Junior College	California State University-San Marcos
Santiago Canyon College	California State University-Stanislaus
Shasta College	Humboldt State University
Sierra College	San Diego State University
Simi Valley Adult School & Career Institute*	San Diego State University-Imperial Valley Campus
Skyline College	San Francisco State University
Solano Community College	San Jose State University
Southwestern College	Sonoma State University
Taft College	University of California-Berkeley
Ventura College	University of California-Davis
Victor Valley College	University of California-Hastings College of Law
West Hills College-Coalinga	University of California-Irvine
West Hills College-Lemoore	University of California-Los Angeles
West Los Angeles College	University of California-Merced University of California-Riverside
West Valley College	University of California-San Diego
Yuba College	University of California-San Francisco
	University of California-Santa Barbara
	University of California-Santa Cruz
	*Not included in Fall 2006 Cohort
*Not included in Fall 2006 Cohort	

## Colorado

The fall 2006 IPEDS Enrollment Survey reported a total of 39,027 first-time freshmen enrolled in 28 public institutions across the state of Colorado; total undergraduate enrollment, both part-time and full-time students, was 203,005 students. Colorado ranks second among WICHE states in terms of the total number of first-time freshmen, and 4th in terms of total undergraduates enrolled.<sup>12</sup>

**Transfers out of Colorado.** Colorado ranks third in terms of the total number of fall 2006 cohort students (11,090) who transferred during the five-year period (2006 to 2010) within Colorado, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of Colorado Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
808	804	1,612	4,305	5,173	9,478	5,115	5,975	11,090

Source: National Student Clearinghouse Research Center.

**Transfers within Colorado.** A total of 8,388 fall 2006 cohort students transferred within Colorado between 2006 and 2010 via four different pathways:

- ◆ Two-year institution to two-year institution = 1,381.
- ◆ Two-year institution to four-year institution = 2,290.
- ◆ Four-year institution to two-year institution = 2,707.
- ◆ Four-year institution to four-year institution = 2,009.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

Colorado In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
<b>From 2-yr.</b>	155	185	474	1,208	366	706	222	398	164	210	1,381	2,707
<b>From 4-yr.</b>	401	295	930	1,094	517	330	277	183	166	106	2,291	2,009

Source: National Student Clearinghouse Research Center.

<b>Colorado Public Institutions (28)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
Aims Community College	Adams State College
Arapahoe Community College	Colorado School of Mines
Colorado Mountain College	Colorado State University
Colorado Northwestern Community College	Colorado State University-Pueblo
Community College of Aurora	Fort Lewis College
Community College of Denver	Mesa State College
Front Range Community College	Metropolitan State College of Denver (now Metropolitan State University of Denver)
Lamar Community College	University of Colorado at Boulder
Morgan Community College	University of Colorado at Colorado Springs
Northeastern Junior College	University of Colorado at Denver and Health Sciences Center
Otero Junior College	University of Northern Colorado
Pikes Peak Community College	United States Air Force Academy
Pueblo Community College	Western State College of Colorado
Red Rocks Community College	
Trinidad State Junior College	

## Hawai'i

The fall 2006 IPEDS Fall Enrollment Survey reported a total of 6,521 first-time freshmen enrolled in 10 public institutions across the state of Hawai'i. Total undergraduate enrollment, of both part-time and full-time students, was 43,439. Hawai'i ranks 13th among WICHE states in terms of the total number of first-time freshmen and 10th in total undergraduates enrolled.<sup>13</sup>

**Transfers out of Hawai'i.** Hawai'i ranks 11th in terms of the total number of fall 2006 cohort students (1,848) who transferred during the five-year period (2006 to 2010) within Hawai'i, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of Hawai'i Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
116	98	214	1,054	180	1,634	1,170	678	1,848

Source: National Student Clearinghouse Research Center.

**Transfers within Hawai'i.** A total of 1,361 fall 2006 cohort students transferred within Hawai'i between 2006 and 2010 via four different pathways:

- ◆ Two-year institution to two-year institution = 560.
- ◆ Two-year institution to four-year institution = 391.
- ◆ Four-year institution to two-year institution = 287.
- ◆ Four-year institution to four-year institution = 123.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

Hawai'i In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total **	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
From 2-yr.	54	*	191	76	132	118	100	85	83	93	560	391
From 4-yr.	20	*	120	50	73	29	54	21	20	*	287	123

\* Counts of fewer than 20.

\*\* Due to privacy concerns, counts of fewer than 20 students in any given year are not delineated, however, they are counted and included in the five-year totals.

Source: National Student Clearinghouse Research Center.

<b>Hawai'i Public Institutions (10)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
Hawai'i Community College	University of Hawai'i at Hilo
Honolulu Community College	University of Hawai'i at Manoa
Kapi'olani Community College	University of Hawai'i Maui College
Kauai Community College	University of Hawai'i-West Oahu
Leeward Community College	
Windward Community College	

## Idaho

The fall 2006 IPEDS Fall Enrollment Survey reported a total of 8,470 first-time freshmen enrolled in seven public institutions across the state of Idaho. Total undergraduate enrollment, in both part-time and full-time students, was 52,771. Idaho ranks ninth among WICHE states both in terms of the total number of first-time freshmen and total undergraduates enrolled.<sup>14</sup>

**Transfers out of Idaho.** Idaho ranks 10th in terms of the total number of fall 2006 cohort students (2,211) who transferred during the five-year period (2006 to 2010) within Idaho, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of Idaho Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
85	79	164	740	1,307	2,047	702	1,509	2,211

Source: National Student Clearinghouse Research Center.

**Transfers within Idaho.** A total of 1,278 fall 2006 cohort students transferred within Idaho between 2006 and 2010 via four different pathways:

- ◆ Two-year institution to two-year institution = 0 or fewer than 20.
- ◆ Two-year institution to four-year institution = 456.
- ◆ Four-year institution to two-year institution = 342.
- ◆ Four-year institution to four-year institution = 480.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

Idaho In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total **	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
From 2-yr.	*	*	*	140	*	154	*	78	*	68	*	456
From 4-yr.	29	44	65	185	55	115	111	86	82	50	342	480

\* Counts of fewer than 20.

\*\* Due to privacy concerns, counts of fewer than 20 students in any given year are not delineated, however, they are counted and included in the five-year totals.

Source: National Student Clearinghouse Research Center.

<b>Idaho Public Institutions (7)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
College of Southern Idaho Eastern Idaho Technical College North Idaho College	Boise State University Idaho State University Lewis-Clark State College University of Idaho

## Montana

The fall 2006 IPEDS Fall Enrollment Survey reported a total of 7,781 first-time freshmen enrolled in 18 public institutions across the state of Montana. Total undergraduate enrollment, in both part-time and full-time students, was 38,617. Montana ranks 10th among WICHE states in terms of the total number of first-time freshmen and 11th in total undergraduates enrolled.<sup>15</sup>

**Transfers out of Montana.** Montana ranks 12th in terms of the total number of fall 2006 cohort students (1,715) who transferred during the five-year period (2006 - 2010) within Montana, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of Montana Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
101	124	225	375	1,115	1,490	428	1,287	1,715

Source: National Student Clearinghouse Research Center.

**Transfers within Montana.** A total of 1,123 fall 2006 cohort students transferred within Montana between 2006 and 2010 via four different pathways:

- ◆ Two-year institution to two-year institution = 26.
- ◆ Two-year institution to four-year institution = 381.
- ◆ Four-year institution to two-year institution = 181.
- ◆ Four-year institution to four-year institution = 535.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

Montana In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total **	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
From 2-yr.	*	25	*	*	*	88	*	48	*	25	26	381
From 4-yr.	46	77	65	217	37	126	*	80	*	35	181	535

\* Counts of fewer than 20.

\*\* Due to privacy concerns, counts of fewer than 20 students in any given year are not delineated, however, they are counted and included in the five-year totals.

Source: National Student Clearinghouse Research Center.



<b>Montana Public Institutions (18)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
Chief Dull Knife College	Montana State University-Billings
Dawson Community College	Montana State University-Bozeman
Flathead Valley Community College	Montana State University-Northern
Fort Belknap College	Montana Tech of the University of Montana
Fort Peck Community College	The University of Montana
Little Big Horn College	The University of Montana-Western
Miles Community College	
Montana State University-Billings-College of Technology	
Montana State University-College of Technology-Great Falls	
Montana Tech-College of Technology	
Stone Child College	
University of Montana-Helena College of Technology	

## Nevada

The fall 2006 IPEDS Fall Enrollment Survey reported a total of 13,219 first-time freshmen enrolled in seven public institutions across the state of Nevada. Total undergraduate enrollment, of both part-time and full-time students, was 92,291. Nevada ranks eighth among WICHE states in terms of the total number of first-time freshmen and total undergraduates enrolled.<sup>16</sup>

**Transfers out of Nevada.** Nevada ranks eighth in terms of the total number of fall 2006 cohort students (3,416) who transferred during the five-year period (2006 to 2010) within Nevada, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of Nevada Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
224	126	350	1,027	2,039	3,066	374	3,042	3,416

Source: National Student Clearinghouse Research Center.

**Transfers within Nevada.** A total of 2,286 fall 2006 cohort students transferred within Nevada between 2006 and 2010 via four different pathways:

- ◆ Two-year institution to two-year institution = 0 or fewer than 20.
- ◆ Two-year institution to four-year institution = 243.
- ◆ Four-year institution to two-year institution = 497.
- ◆ Four-year institution to four-year institution = 1,547.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

Nevada In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total **	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
From 2-yr.	*	28	*	53	*	70	*	42	*	50	*	243
From 4-yr.	83	286	158	486	129	378	63	217	64	180	497	1,547

\* Counts of fewer than 20.

\*\* Due to privacy concerns, counts of fewer than 20 students in any given year are not delineated, however, they are counted and included in the five-year totals.

Source: National Student Clearinghouse Research Center.

<b>Nevada Public Institutions (7)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
Truckee Meadows Community College Western Nevada Community College	Community College of Southern Nevada Great Basin College Nevada State College at Henderson University of Nevada-Las Vegas University of Nevada-Reno

## New Mexico

The fall 2006 IPEDS Fall Enrollment Survey reported a total of 15,741 first-time freshmen enrolled in 28 public institutions across the state of New Mexico. Total undergraduate enrollment, of both part-time and full-time students, was 107,801. New Mexico ranks seventh among WICHE states both in terms of the total number of first-time freshmen and total undergraduates enrolled.<sup>17</sup>

**Transfers out of New Mexico.** New Mexico ranks eighth in terms of the total number of fall 2006 cohort students (4,192) who transferred during the five-year period (2006 to 2010) within New Mexico, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of New Mexico Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
357	304	661	2,288	1,243	3,531	1,279	2,913	4,192

Source: National Student Clearinghouse Research Center.

**Transfers within New Mexico.** A total of 3,119 fall 2006 cohort students transferred within New Mexico between 2006 and 2010 via four different pathways:

- ◆ Two-year institution to two-year institution = 241.
- ◆ Two-year institution to four-year institution = 663.
- ◆ Four-year institution to two-year institution = 1,833.
- ◆ Four-year institution to four-year institution = 382.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

New Mexico In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
From 2-yr.	21	34	78	246	65	202	44	96	33	85	241	663
From 4-yr.	340	48	608	152	439	90	262	67	184	25	1,833	382

Source: National Student Clearinghouse Research Center.

<b>New Mexico Public Institutions (28)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
Central New Mexico Community College	Eastern New Mexico University-Main Campus
Clovis Community College	Institute of American Indian and Alaska Native Culture
Crownpoint Institute of Technology (now Navajo Technical College)	New Mexico Highlands University
Eastern New Mexico University-Roswell Campus	New Mexico Institute of Mining and Technology
Eastern New Mexico University-Ruidoso	New Mexico State University-Main Campus
Luna Community College	Northern New Mexico College
Mesalands Community College	University of New Mexico-Main Campus
New Mexico Junior College	Western New Mexico University
New Mexico Military Institute	
New Mexico State University-Alamogordo	
New Mexico State University-Carlsbad	
New Mexico State University-Dona Ana	
New Mexico State University-Grants	
San Juan College	
Santa Fe Community College	
Southwestern Indian Polytechnic Institute	
University of New Mexico-Gallup Campus	
University of New Mexico-Los Alamos Campus	
University of New Mexico-Taos Branch	
University of New Mexico-Valencia County Branch	

## North Dakota

The fall 2006 IPEDS Fall Enrollment Survey reported a total of 7,281 first-time freshmen enrolled in 14 public institutions across the state of North Dakota. Total undergraduate enrollment, of both part-time and full-time students, was 38,131. North Dakota ranks 12th among WICHE states both in terms of the total number of first-time freshmen and total undergraduates enrolled.<sup>18</sup>

**Transfers out of North Dakota.** North Dakota ranks ninth in terms of the total number of fall 2006 cohort students (2,305) who transferred during the five-year period (2006 to 2010) within North Dakota, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of North Dakota Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
506	418	924	202	1,179	1,381	765	1,540	2,305

Source: National Student Clearinghouse Research Center.

**Transfers within North Dakota.** A total of 1,302 fall 2006 cohort students transferred within North Dakota between 2006 and 2010 via four different pathways:

- ◆ Two-year institution to two-year institution = 66.
- ◆ Two-year institution to four-year institution = 487.
- ◆ Four-year institution to two-year institution = 136.
- ◆ Four-year institution to four-year institution = 613.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

North Dakota In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total **	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
From 2-yr.	*	*	43	332	*	108	*	*	*	*	66	487
From 4-yr.	*	64	66	333	33	129	*	60	*	28	136	613

\* Counts of fewer than 20.

\*\* Due to privacy concerns, counts of fewer than 20 students in any given year are not delineated, however, they are counted and included in the five-year totals.

Source: National Student Clearinghouse Research Center.

North Dakota Public Institutions (14)	
Two-Year	Four-Year
Bismarck State College	Dickinson State University
Fort Berthold Community College*	Mayville State University
Lake Region State College	Minot State University
Cankdeska Cikana Community College*	University of North Dakota
North Dakota State College of Science	North Dakota State University-Main Campus
Minot State University-Bottineau Campus (now Dakota College at Bottineau)	Sitting Bull College*
Williston State College	Valley City State University

\* Title IV public institutions

## Oregon

The fall 2006 IPEDS Fall Enrollment Survey reported a total of 23,882 first-time freshmen enrolled in 26 public institutions across the state of Oregon. Total undergraduate enrollment, of both part-time and full-time students, was 142,920. Oregon ranks fifth among WICHE states both in terms of the total number of first-time freshmen and total undergraduates enrolled.<sup>19</sup>

**Transfers out of Oregon.** Oregon ranks fifth in terms of the total number of fall 2006 cohort students (6,633) who transferred during the five-year period (2006 - 2010) within Oregon, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of Oregon Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
168	174	342	3,539	2,752	6,291	4,345	2,288	6,633

Source: National Student Clearinghouse Research Center.

**Transfers within Oregon.** A total of 5,262 fall 2006 cohort students transferred within Oregon between 2006 and 2010 via four different pathways:

- ◆ Two-year institution to two-year institution = 1,704.
- ◆ Two-year institution to four-year institution = 1,794.
- ◆ Four-year institution to two-year institution = 1,223.
- ◆ Four-year institution to four-year institution = 541.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

Oregon In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
<b>From 2-yr.</b>	251	125	543	558	366	471	310	400	234	240	1,704	1,794
<b>From 4-yr.</b>	255	71	490	248	264	129	113	58	101	35	1,223	541

Source: National Student Clearinghouse Research Center.



<b>Oregon Public Institutions (26)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
Blue Mountain Community College	Eastern Oregon University
Central Oregon Community College	Oregon Health & Science University
Chemeketa Community College	Oregon Institute of Technology
Clackamas Community College	Oregon State University
Clatsop Community College	Oregon State University-Cascades Campus
Columbia Gorge Community College	Portland State University
Klamath Community College	Southern Oregon University
Lane Community College	University of Oregon
Linn-Benton Community College	Western Oregon University
Mt Hood Community College	
Oregon Coast Community College	
Portland Community College	
Rogue Community College	
Southwestern Oregon Community College	
Tillamook Bay Community College	
Treasure Valley Community College	
Umpqua Community College	

## South Dakota

The fall 2006 IPEDS Fall Enrollment Survey reported a total of 7,140 first-time freshmen enrolled in 12 public institutions across the state of South Dakota. Total undergraduate enrollment, of both part-time and full-time students, was 33,124. South Dakota ranks 11th among WICHE states in terms of the total number of first-time freshmen and 13th in total undergraduates enrolled.<sup>20</sup>

**Transfers out of South Dakota.** South Dakota ranks 14th in terms of the total number of fall 2006 cohort\*students (1,437) who transferred during the five-year period (2006 to 2010) within South Dakota, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of South Dakota Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
243	232	475	273	689	962	159	1,278	1,437

Source: National Student Clearinghouse Research Center.

**Transfers within South Dakota.** A total of 888 fall 2006 cohort students transferred within South Dakota between 2006 and 2010 via four different pathways:

- ◆ Two-year institution to two-year institution = 20.
- ◆ Two-year institution to four-year institution = 108.
- ◆ Four-year institution to two-year institution = 228.
- ◆ Four-year institution to four-year institution = 532.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

South Dakota In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total **	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
From 2-yr.	*	*	*	41	*	36	*	*	*	*	20	108
From 4-yr.	*	*	92	256	65	126	36	63	*	32	228	532

\* Counts of less than 20.

\*\* Due to privacy concerns, counts of fewer than 20 students in any given year are not delineated, however, they are counted and included in the five-year totals.

Source: National Student Clearinghouse Research Center.

<b>South Dakota Public Institutions (12)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
Lake Area Technical Institute	Black Hills State University
Mitchell Technical Institute	Dakota State University
Sisseton Wahpeton College	Northern State University
Southeast Technical Institute	Oglala Lakota College
Western Dakota Technical Institute	South Dakota School of Mines and Technology
	South Dakota State University
	University of South Dakota

## Utah

The fall 2006 IPEDS Fall Enrollment Survey reported a total of 21,970 first-time freshmen enrolled in 14 public institutions across the state of Utah. Total undergraduate enrollment, of both part-time and full-time students, was 136,933. Utah ranks sixth among WICHE states both in terms of the total number of first-time freshmen and total undergraduates enrolled.<sup>21</sup>

**Transfers out of Utah.** Utah ranks fourth in terms of the total number of fall 2006 cohort students (7,931) who transferred during the five-year period (2006 to 2010) within Utah, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of Utah Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
280	216	496	1,531	5,904	7,435	4,332	3,599	7,931

Source: National Student Clearinghouse Research Center.

**Transfers within Utah.** A total of 6,711 fall 2006 cohort students transferred within Utah between 2006 and 2010 via four different pathways:

- ◆ Two-year institution to two-year institution = 347.
- ◆ Two-year institution to four-year institution = 3,511.
- ◆ Four-year institution to two-year institution = 821.
- ◆ Four-year institution to four-year institution = 2,032.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

Utah In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
From 2-yr.	25	292	102	1,149	130	1,100	67	631	23	339	347	3,511
From 4-yr.	95	285	330	782	184	482	128	300	84	183	821	2,032

Source: National Student Clearinghouse Research Center.

<b>Utah Public Institutions (14)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
College of Eastern Utah	Dixie State College of Utah
Davis Applied Technology College	Southern Utah University
Mountainland Applied Technology College	University of Utah
Ogden-Weber Applied Technology College	Utah State University
Salt Lake Community College	Utah State University-Continuing Education
Snow College	Utah Valley University
Uintah Basin Applied Technology College	Weber State University

## Washington

The fall 2006 IPEDS Fall Enrollment Survey reported a total of 29,870 first-time freshmen enrolled in 43 public institutions across the state of Washington. Total undergraduate enrollment, of both part-time and full-time students, was 277,233. Washington ranks fourth among WICHE states in terms of the total number of first-time freshmen and third in total undergraduates enrolled.<sup>22</sup>

**Transfers out of Washington.** Washington ranks second in terms of the total number of fall 2006 cohort students (14,869) who transferred during the five-year period (2006 to 2010) within Washington, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of Washington Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
378	371	749	6,984	7,136	14,120	8,416	6,453	14,869

Source: National Student Clearinghouse Research Center.

**Transfers within Washington.** A total of 12,239 fall 2006 cohort students transferred within Washington between 2006 and 2010 via four different pathways:

- ◆ Two-year institution to two-year institution = 3,530.
- ◆ Two-year institution to four-year institution = 3,419.
- ◆ Four-year institution to two-year institution = 2,550.
- ◆ Four-year institution to four-year institution = 2,740.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

Washington In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
From 2-yr.	512	194	1,114	1,066	888	1,277	604	565	412	317	3,530	3,419
From 4-yr.	457	289	1,007	1,035	576	902	309	335	201	179	2,550	2,740

Source: National Student Clearinghouse Research Center.

<b>Washington Public Institutions (43)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
Bates Technical College	Central Washington University
Bellevue Community College	Eastern Washington University
Bellingham Technical College	The Evergreen State College
Big Bend Community College	Peninsula College
Cascadia Community College	University of Washington-Bothell Campus
Centralia College	University of Washington-Seattle Campus
Clark College	University of Washington-Tacoma Campus
Clover Park Technical College	Washington State University
Columbia Basin College	Western Washington University
Edmonds Community College	
Everett Community College	
Grays Harbor College	
Green River Community College	
Highline Community College	
Lake Washington Technical College	
Lower Columbia College	
Northwest Indian College	
Olympic College	
Pierce College at Fort Steilacoom	
Pierce College at Puyallup	
Renton Technical College	
Seattle Community College-Central Campus	
Seattle Community College-North Campus	
Seattle Community College-South Campus	
Shoreline Community College	
Skagit Valley College	
South Puget Sound Community College	
Spokane Community College	
Spokane Falls Community College	
Tacoma Community College	
Walla Walla Community College	
Wenatchee Valley College	
Whatcom Community College	
Yakima Valley Community College	

## Wyoming

The fall 2006 IPEDS Fall Enrollment Survey reported a total of 4,501 first-time freshmen enrolled in eight public institutions across the state of Wyoming. Total undergraduate enrollment, of both part-time and full-time students, was 29,125. Wyoming ranks 14th among WICHE states both in terms of the total number of first-time freshmen and total undergraduates enrolled.<sup>23</sup>

**Transfers out of Wyoming.** Wyoming ranks 13th in terms of the total number of fall 2006 cohort students (1,638) who transferred during the five-year period (2006 to 2010) within Wyoming, to other WICHE states, or to non-WICHE states. The cohort is made up of first-time, full-time, and part-time students of any age who began their postsecondary studies at a public institution in the fall of 2006 and excludes students who received any degree or certificate from a two- or four-year institution prior to 2006, as determined by NSC.

Number of Wyoming Students Who Transferred to Two- and Four-year Institutions Fall 2006 Cohort, 2006-2010								
Transfers to Non-WICHE States			Transfers to WICHE States Only			Transfers to All States		
Two-year	Four-year	Total	Two-year	Four-year	Total	Two-year	Four-year	Total
121	112	233	606	799	1,405	1,399	239	1,638

Source: National Student Clearinghouse Research Center.

**Transfers within Wyoming.** A total of 1,041 fall 2006 cohort students transferred within Wyoming between 2006 and 2010:

- ◆ Two-year institution to two-year institution = 408.
- ◆ Two-year institution to four-year institution = 508.
- ◆ Four-year institution to two-year institution = 125.
- ◆ Four-year institution to four-year institution = 0.

Data provided by the National Student Clearinghouse show the number of fall 2006 cohort students who transferred within the state each year from 2006 to 2010.

Wyoming In-state Transfers, 2006-2010												
	2006		2007		2008		2009		2010		Total **	
To	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year	2-Year	4-Year
From 2-yr.	29	*	162	167	134	179	48	85	35	66	408	508
From 4-yr.	31	*	44	*	31	*	*	*	*	*	125	*

\* Counts of less than 20.

\*\* Due to privacy concerns, counts of fewer than 20 students in any given year are not delineated, however, they are counted and included in the five-year totals.

Source: National Student Clearinghouse Research Center.



<b>Wyoming Public Institutions (8)</b>	
<b>Two-Year</b>	<b>Four-Year</b>
Casper College Central Wyoming College Eastern Wyoming College Laramie County Community College Northwest College Sheridan College Western Wyoming Community College	University of Wyoming

## Endnotes

<sup>1</sup> National Student Clearinghouse (NSC), Signature Report, *Transfer & Mobility: A National View of Pre-Degree Student Movement in Postsecondary Institutions* (2012), 5, accessed 4 October 2012 from < [www.studentclearinghouse.info/signature/2/NSC\\_Signature\\_Report\\_2.pdf](http://www.studentclearinghouse.info/signature/2/NSC_Signature_Report_2.pdf) >.

<sup>2</sup> Ibid.

<sup>3</sup> Ibid., 51. The fall 2006 cohort data provided to WICHE by NSC was derived from NSC's national study on student transfer. NSC describes its formula and process for weighting as follows: "Because NSC's coverage of institutions (i.e., the percentage of all institutions in the NSC data) is not 100 percent for any individual year, weights were applied by institution sector and control to better approximate enrollment figures for all institutions nationally. Using all IPEDS Title IV institutions as the base study population, sampling weights for enrollments at each institution type were calculated using the inverse of the rate of coverage for that sector. The enrollment data used in this report provide an unduplicated headcount for the fall 2006 first-time-in- college student cohort. Because the StudentTracker database tracks enrollments nationally, NSC data are not limited by institutional and state boundaries." Additionally, the NSC/WICHE cohort is not the usual cohort that campuses track for the Student Right-to-Know and Campus Security Act. That cohort does not include part-time students.

<sup>4</sup> NSC data include more than 3,400 colleges and 93 percent of U.S. college enrollments.

<sup>5</sup> NSC, *Transfer and Mobility*, 27.

<sup>6</sup> Ibid., 6-7.

<sup>7</sup> "Reverse transfer" historically has referred to the process of a student transferring from a four-year to a two-year institution. More recently, this term has been adopted by policymakers and others (and even appeared in statutory language and system policy) to mean administratively conferring an earned associate's degree on a former two-year college student after transfer to a four-year institution.

<sup>8</sup> U.S. Department of Education, National Center for Education Statistics' Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey, Fall 2006, Part A.

<sup>9</sup> Ibid.

<sup>10</sup> Ibid.

<sup>11</sup> Ibid.

<sup>12</sup> Ibid.

<sup>13</sup> Ibid.

<sup>14</sup> Ibid.

<sup>15</sup> Ibid.

<sup>16</sup> Ibid.

<sup>17</sup> Ibid.

<sup>18</sup> Ibid.

<sup>19</sup> Ibid.

<sup>20</sup> Ibid.

<sup>21</sup> Ibid.

<sup>22</sup> Ibid.

<sup>23</sup> Ibid.