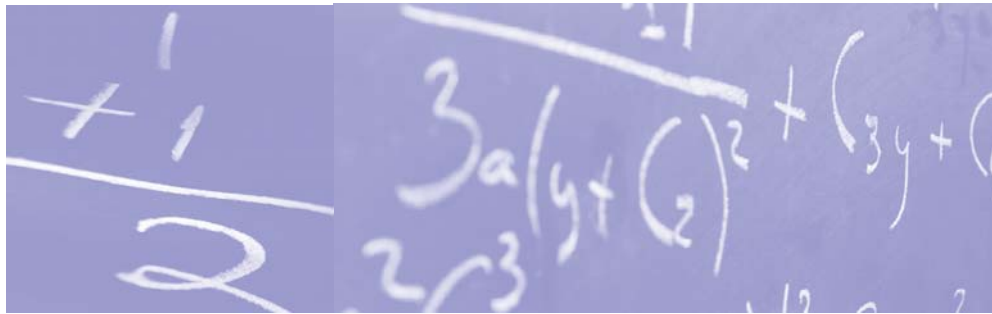


# Building a Public Agenda for Kansas Higher Education



Recommendations for Five Strategic Areas



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**DRAFT**



# Educational Alignment

## Recommendations

**Are we satisfied that high school graduation expectations are aligned with college preparation expectations?**

**Are Kansas high school graduates prepared to meet postsecondary expectations?**

Studies show that: (1) requirements for success in both the workplace and postsecondary education are equivalent, and (2) many high school graduates are ill-prepared to enter either the workplace or postsecondary education. One indication of the misalignment of high school graduation expectations and the requirements for postsecondary educational success is the fact that in academic year 2007-08 approximately 4.2 percent of undergraduate students enrolled in Kansas' six public universities took at least one remedial course, at an estimated instructional cost of \$900,000. In addition, some 18.7 percent of Kansas' community college students enrolled in at least one remedial course, at an estimated instructional cost of \$5,400,000.

To respond to the misalignment of high school graduation expectations and the requirements for success in both postsecondary education and the workplace, the Kansas P-20 Education Council is exploring the feasibility of involvement with The American Diploma Project (ADP), an initiative of Achieve Incorporated. Achieve was created in 1996 by the nation's governors and corporate leaders as a bipartisan organization dedicated to raising academic standards and graduation requirements, improving assessments and strengthening accountability.

In 2005, Achieve launched the American Diploma project, a national organization comprised of 34

states and involving the collaboration of governors, state education officials, postsecondary educational leaders and business executives. The project assists states in the effort to improve "postsecondary preparation by aligning high school standards, assessments, graduation requirements and accountability systems with the demands of college and careers."



# Participation

## Recommendations

**Are we satisfied with the level of participation in the Kansas higher education system?**

**Do participation rates adequately reflect the state's demographic composition?**

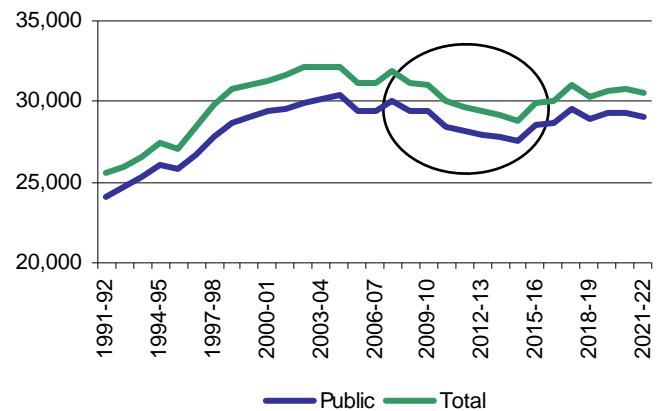
**Are we satisfied with participation of adult learners in the higher education system?**

Even recognizing that higher education participation rates in Kansas are strong, there are important improvements that should be achieved, especially in light of the state's demographic challenges:

### 1. Achieve "Top 5" State status regarding higher education participation levels.

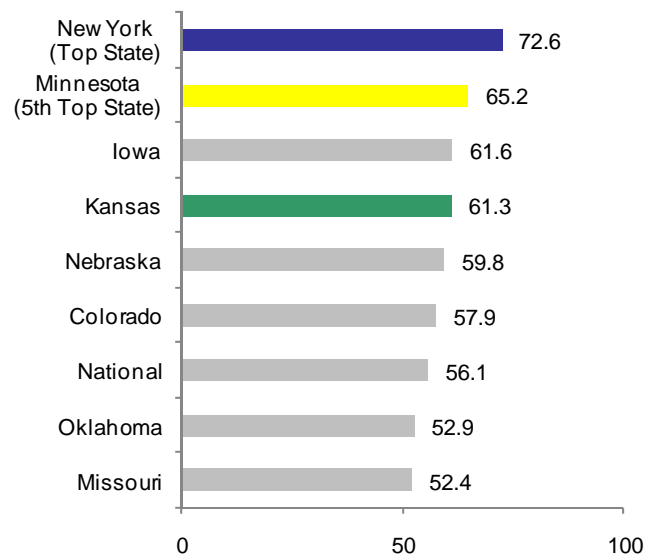
The rate of high school graduates going directly to college for the fifth ranked state is 65.2%. With small class sizes projected for the next 10 years of graduating Kansas classes, efforts to maintain the current number of high school graduates that are going directly to college (61.3%) are necessary.

**Kansas High School Graduates**  
1991-92 to 2004-05 Actual, 2005-06 to 2021-22 Projected



*Knocking at the College Door, March 2008  
Western Interstate Commission for Higher Education*

**College Going Rate (2004)**  
High School Graduates Going Directly to College (%)



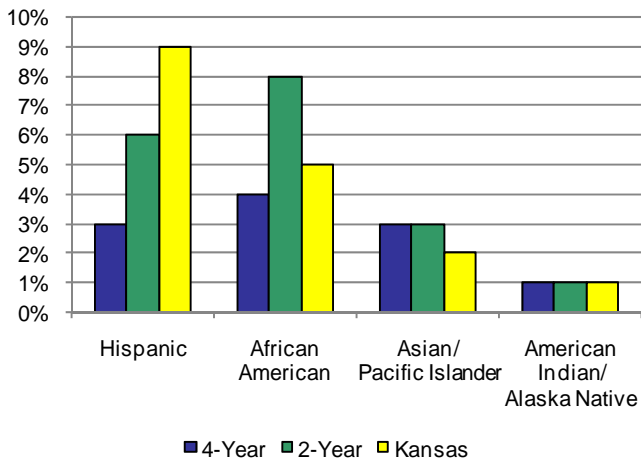
*US Department of Education, Digest of Educational Statistics, 2007*

**2. Achieve participation rates for students of color (both within each of our institutions and across the system as a whole) that exceed the representation of their respective racial/ethnic groups within the state’s general population.**

Overall, the higher education system reflects the demographics of the state well, with the 2-year sector most closely matching the state’s demographics.

Both sectors have a lower number of Hispanic students, a higher number of Asian/Pacific Islander students, and the same number of American Indian/Alaska Native students when compared to the state’s demographics. The 4-year sector has a slight difference in the African American demographic, but the 2-year sector has a higher rate in that demographic than the state.

**Selected State and Sector Demographics**



*Kansas Demographics from US Census Bureau, 2006 Estimates. Institution Demographics from Kansas Board of Regents (Academic Year 2006 Enrollments).*

In order for the 4-year sector to reflect the state’s Hispanic demographic, an additional 7,500 students will be needed in the next **10 years**, or an additional 750 students each year. For the 2-year sector, an additional 5,000 Hispanic students are needed in the next **10 years**, or 500 per year.

The lower number of African American students in the 4-year sector, and higher number of students at the 2-year sector may indicate that additional efforts to encourage continuing education through the completion of a Bachelor’s degree are necessary.

A complete chart of institutional demographics is included on page 7

**3. Achieve Top 5 State status regarding the participation of young adults with only a high school diploma (aged 25-39) within our system of higher education.**

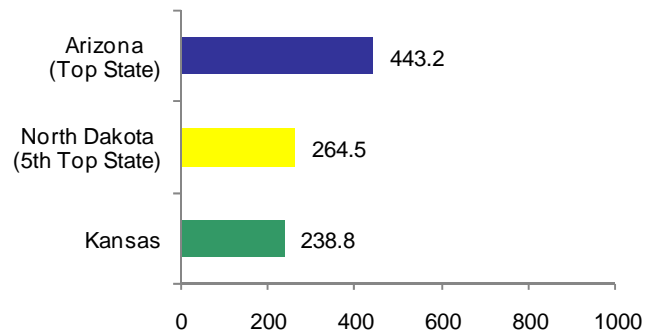
Kansas currently ranks 10th in this area with 238.8 of every 1,000 young adults with only a high school diploma participating in higher education. The fifth ranked state rate per 1,000 is 264.5.

An additional 14,000 young adults over the next **10 years** would move Kansas to the fifth rank. If all students enrolled in the public higher education system, this would mean an additional 1,400 students per year.

**College Participation with Only a High School Diploma**

*Adults Served per 1,000*

**Age 25-39**

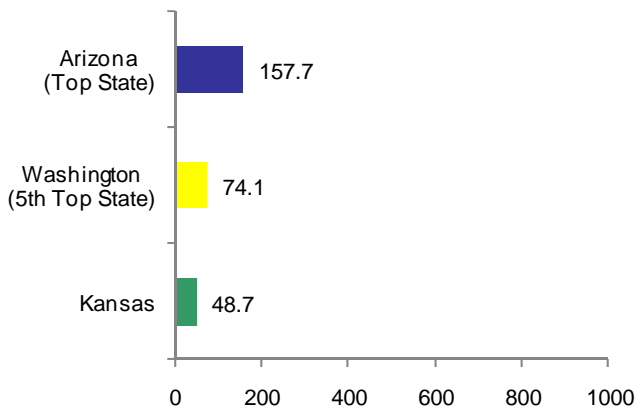


*Kansas Profile of Adult Learners, 2008  
The Council for Adult and Experiential Learning (CAEL) and The National Center for Higher Education Management Systems (NCHEMS)*

**4. Achieve Top 5 State Status regarding the participation of adults with only a high school diploma (aged 40-64) within our system of higher education.**

Kansas currently ranks 13th in this area with 48.7 of every 1,000 adults with only a high school diploma participating in higher education. The fifth ranked state rate per 1,000 is 74.1.

**College Participation with Only a High School Diploma**  
Adults Served per 1,000  
**Age 40-64**



*Kansas Profile of Adult Learners, 2008*  
*The Council for Adult and Experiential Learning (CAEL) and The National Center for Higher Education Management Systems (NCHEMS)*

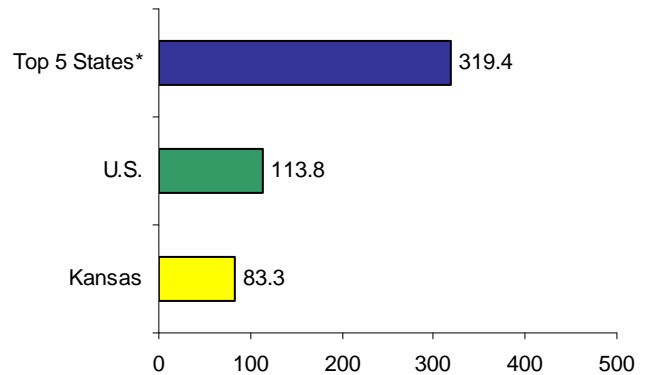
An additional 22,000 adults over the next 10 years would move Kansas to the fifth rank. If all students enrolled in the public higher education system, this would mean an additional 2,200 students per year.

**5. Achieve the national average regarding the enrollment of those with limited or no English proficiency in ESL programs.**

Kansas is currently ranked 40th\* in this area with 83.3 per 1,000 adults aged 18-64 enrolled in ESL programs. In order to achieve the national average (113.8 per 1,000), Kansas would need to increase the number served 30%. This equates to 40,000 total students or 4,000 students per year.

\*ESL program definition may vary across states depending upon program structure.

**Enrolled in English as a Second Language Programs with Little or No English Proficiency**  
Adults Served per 1,000 Adults Aged 18-64



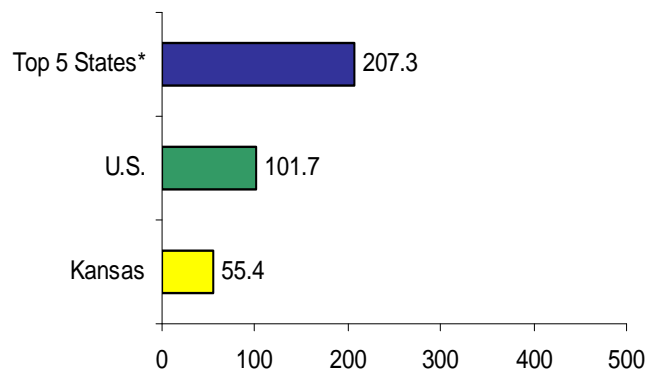
*Kansas Profile of Adult Learners, 2008*  
*The Council for Adult and Experiential Learning (CAEL) and The National Center for Higher Education Management Systems (NCHEMS)*

**6. Achieve the national average regarding the enrollment of those with less than a high school diploma in our state ABE programs.**

Kansas is currently ranked 42nd in this area, with 55.4 per 1,000 enrolled in ABE programs. The national average rate is 152.9 per 1,000.

The Kansas ABE program has about 270,000 students. In order to achieve this goal the state ABE program would need to serve an additional 130,000 students, or 13,000 per year, an increase of 50%.

**Adults Enrolled in State-Administered Adult Education Program with Less than a High School Diploma**  
Adults Served per 1,000 Adults Aged 18-64



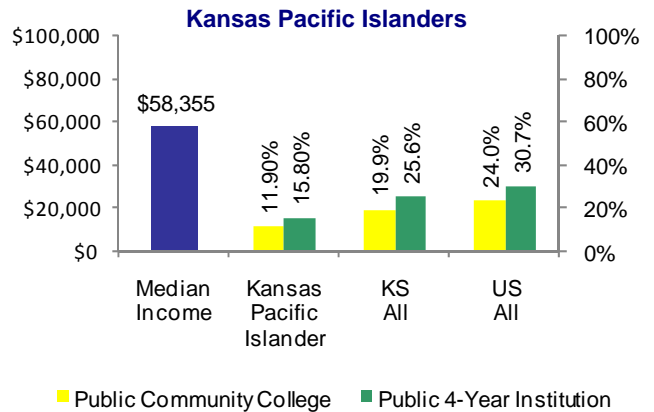
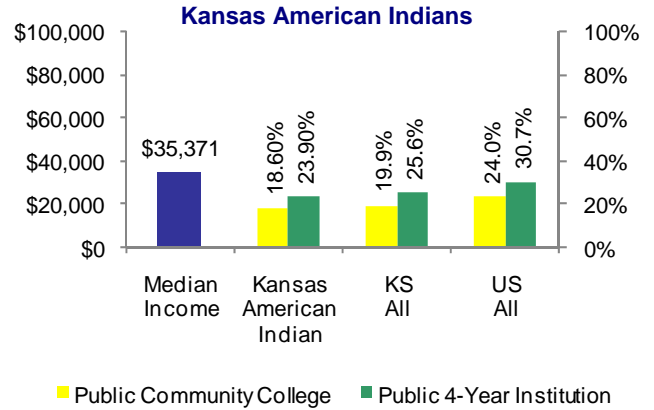
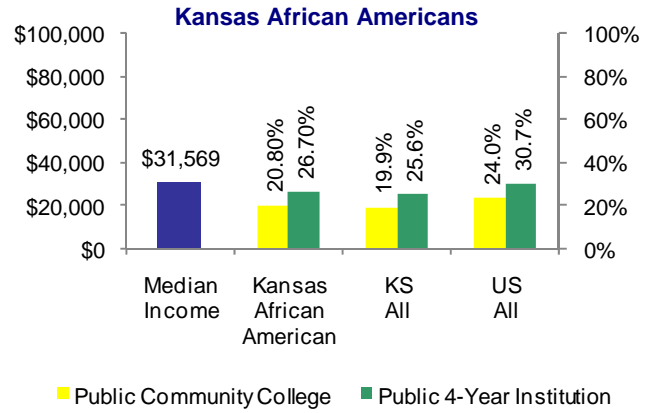
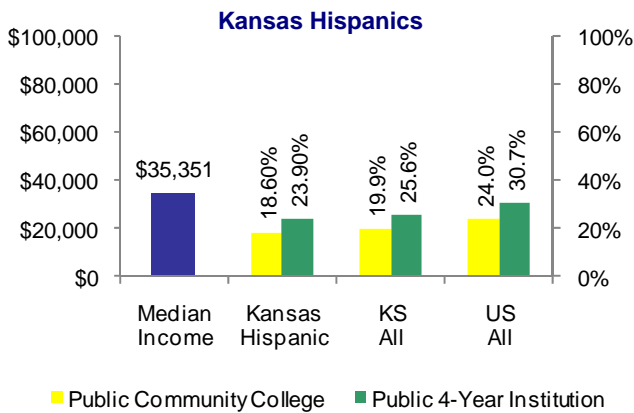
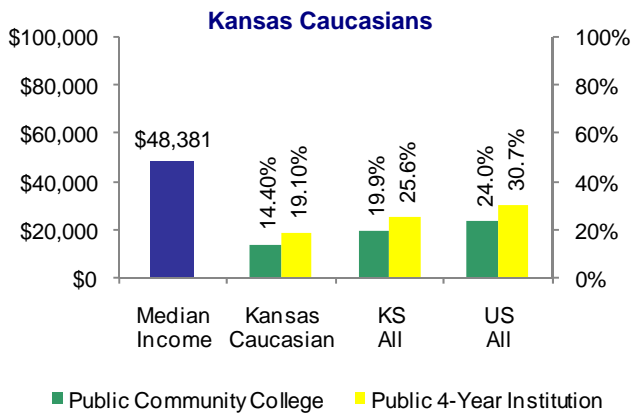
*Kansas Profile of Adult Learners, 2008*  
*The Council for Adult and Experiential Learning (CAEL) and The National Center for Higher Education Management Systems (NCHEMS)*

**7. Double the percentage (currently 14%) of Kansas ABE completers who both have “continuing on to postsecondary education” as a goal and actually achieve that goal.**

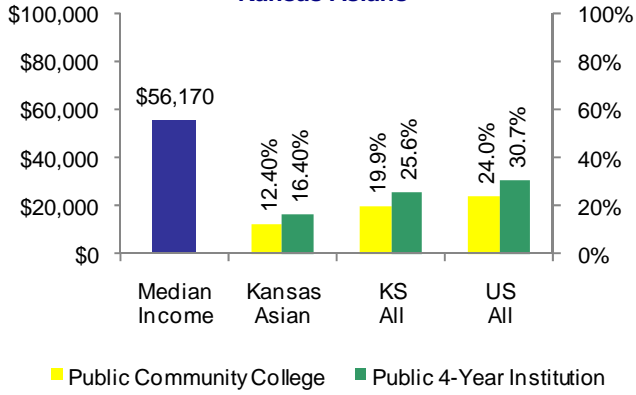
Assuming the enrollment in the ABE program remains flat, 270,000 students, an additional 1,100 completers would need to list and achieve the goal of continuing on to postsecondary education.

**Financial Information**

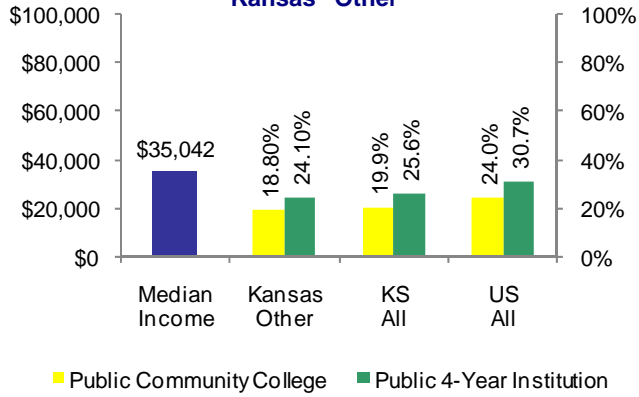
**Percent Family Income Needed to Pay for College**  
*Median Income for Selected Demographic*



### Kansas Asians



### Kansas "Other"



### Kansas & Institution Population Ethnicity

	American Indian / Alaska Native	Asian / Pacific Islander	African American	Hispanic	Non-resident Alien	Unknown	Caucasian
<b>Kansas</b>	<b>1%</b>	<b>2%</b>	<b>5%</b>	<b>9%</b>	<b>NA</b>	<b>NA</b>	<b>81%</b>
Additional Category Other=2%							
Emporia State University	0%	1%	3%	3%	4%	11%	78%
Fort Hays State University	0%	0%	2%	2%	22%	5%	67%
Kansas State University	1%	1%	3%	3%	5%	3%	84%
Pittsburg State University	2%	1%	2%	2%	6%	4%	84%
University of Kansas	1%	4%	3%	3%	6%	5%	77%
Wichita State University	1%	6%	6%	5%	8%	7%	67%
Washburn University	1%	1%	4%	2%	0%	46%	46%
Allen County Community College	1%	1%	4%	2%	0%	0%	91%
Barton County Community College	1%	2%	12%	8%	0%	0%	76%
Butler Community College	1%	5%	11%	5%	0%	5%	73%
Cloud County Community College	1%	1%	5%	2%	0%	2%	88%
Coffeyville Community College	5%	0%	10%	2%	1%	0%	81%
Colby Community College	0%	0%	1%	2%	0%	1%	95%
Cowley County Community College	1%	6%	8%	3%	1%	0%	81%
Dodge City Community College	1%	1%	5%	21%	0%	0%	73%
Ft. Scott Community College	2%	1%	7%	3%	1%	0%	87%
Garden City Community College	1%	2%	4%	21%	2%	1%	70%
Highland Community College	1%	1%	4%	2%	0%	5%	87%
Hutchinson Community College	1%	1%	5%	5%	0%	3%	85%
Independence Community College	2%	1%	12%	2%	2%	4%	78%
Johnson County Community College	1%	4%	5%	4%	1%	12%	73%
Kansas City Kansas Community College	1%	2%	23%	6%	0%	7%	61%
Labette Community College	3%	1%	4%	3%	1%	0%	88%
Neosho County Community College	1%	4%	5%	2%	1%	3%	85%
Pratt Community College	1%	0%	3%	3%	1%	3%	89%
Seward County Community College	1%	2%	3%	20%	0%	2%	72%
Flint Hills Technical College	1%	1%	4%	8%	0%	3%	83%
Manhattan Area Technical College	1%	2%	5%	3%	0%	2%	87%
North Central Kansas Technical College	0%	0%	1%	0%	0%	0%	99%
Northeast Kansas Technical College	1%	0%	5%	1%	0%	5%	87%
Northwest Kansas Technical College	0%	1%	0%	6%	0%	0%	93%
Wichita Area Technical College	2%	4%	17%	7%	0%	3%	66%
Kaw Area Technical School	2%	1%	7%	5%	0%	0%	86%
Kansas City Kansas Area Technical School	1%	2%	31%	8%	0%	2%	56%
Salina Area Technical School	1%	1%	2%	6%	0%	0%	90%
Southwest Kansas Technical School	0%	4%	1%	47%	0%	0%	47%

*Kansas Demographics from US Census Bureau, 2006 Estimates. Institution Demographics from Kansas Board of Regents (Academic Year 2006 Enrollments).*

# Persistence

## Recommendations

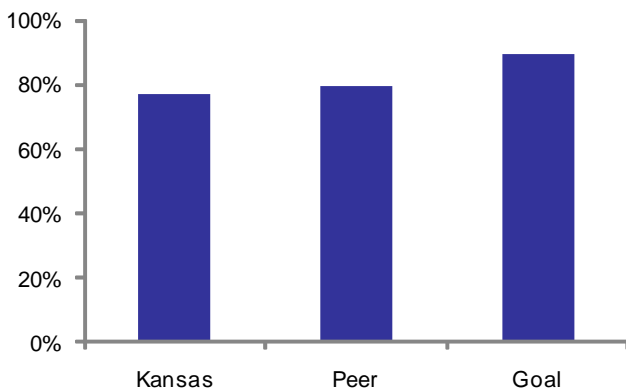
### ***Are we satisfied with our institutional retention and completion rates?***

A complete list of Kansas and institution demographics are included on pages 11-12. Peer groups were selected for the research and regional universities by examining the Carnegie classification of the institution, the ACT scores of the entering class and the number of students admitted as a percent of those who applied.

#### **1. Achieve first-to-second year retention rates that exceed the national average by 10 percentage points for institutions of comparable type.**

Research institutions currently have a retention rate of 77.5%. The peer rate is 80.0%. A 12.5% increase in the Kansas rate would be necessary to achieve the goal of 90.0%.

**Research Institutions First-Second Year Retention**

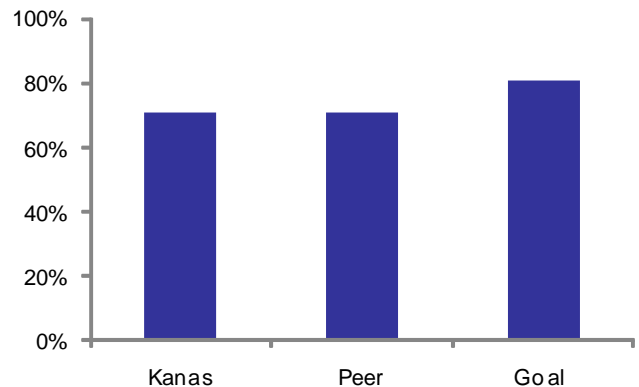


Assuming a cohort size of 8,413 over the next **10 years**, an additional 105 students per year would need to be retained each year to achieve the goal

(1,052 students total).

Regional institutions currently have a retention rate of 71.2%. The peer rate is 71.4%. A 10.2% increase in the Kansas rate would be necessary to achieve the goal of 81.4%.

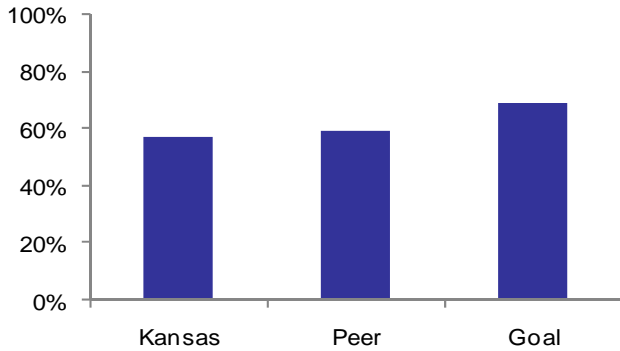
**Regional Institutions First-Second Year Retention**



Assuming a cohort size of 2,399 at the regional institutions over the next **10 years**, an additional 24 students per year would need to be retained each year to achieve the goal (244 students total).

Two-year institutions currently have a retention rate of 57.5%. The peer rate is 56.5%. A 9.0% increase in the Kansas rate would be necessary to achieve the goal of 66.5%.

**2-Year Institutions First-Second Year Retention**



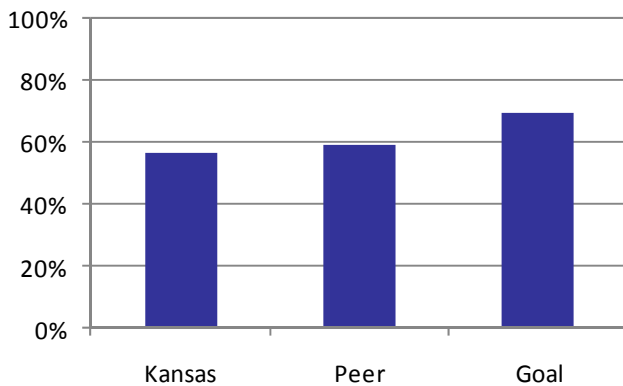
Assuming a cohort size of 9,507 at the community and technical institutions over the next 10 years, an additional 85 students per year would need to be retained to achieve the goal (851 students total).

**2. Graduation Rates**

**a. Achieve a 6-year graduation rate that exceeds the national average by 10 percentage points for institutions of comparable type.**

Research institutions currently have a graduation rate of 56.9%. The peer rate is 59.6%. A 12.7% increase in the Kansas rate would be necessary to achieve the goal of 69.6%.

**Research Institutions 6-Year Graduation Average**

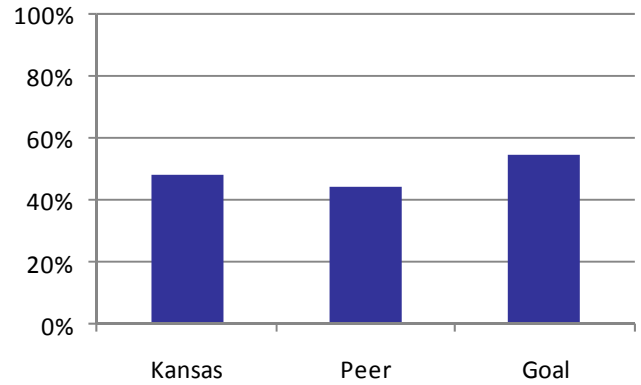


Assuming a cohort size of 8,443 over the next 10 years, an additional 107 students per year would need to graduate from the state's research institu-

tions to achieve the goal (1,073 students total).

Regional institutions currently have a graduation rate of 48.2%. The peer rate is 44.7%. A 6.5% increase in the Kansas rate would be necessary to achieve the goal of 54.7%.

**Regional Institutions 6-Year Graduation Average**

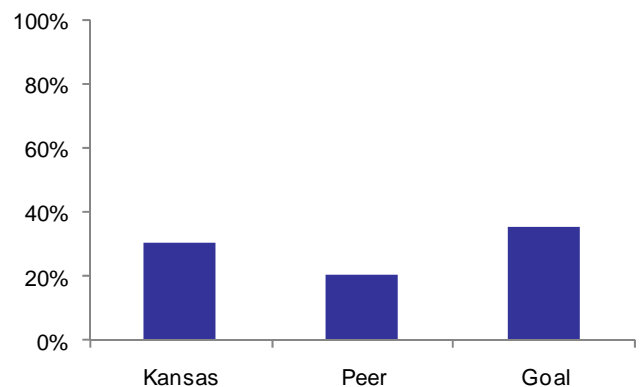


Assuming a cohort size of 2,230 over the next 10 years, an additional 15 students per year would need to graduate from regional institutions to achieve the goal (146 students total).

**b. Achieve a 3-year graduation rate that exceeds the national average by 15 percentage points for institutions of comparable type.**

Two-year institutions currently have a graduation rate of 30.7%. The peer rate is 20.4%. A 4.7% increase in the Kansas rate would be necessary to achieve the goal of 35.4%.

**Community & Technical Institutions 3-Year Graduation Average**



Assuming a cohort size of 9,502 over the next 10 years, an additional 44 students per year would need to graduate from 2-year institutions to achieve the goal (445 students total).

**3. Achieve Top 10 State status for the percentage of young adults (25-34) who have earned an Associates Degree or higher.**

Currently Kansas ranks 23rd for the percentage of young adults (25-34) who have earned an Associate's Degree or higher (39.2%). The Top 10 State rank is 43.4%.

The Kansas higher education system would need to award about 1,600 more awards at an Associate's level or higher in order to achieve Top 10 status, or 160 additional degrees annually for the next 10 years.

## National Peers - Research Institutions

Kansas State University  
University of Kansas  
Wichita State University

Arizona State University at the Tempe Campus	University of Colorado at Boulder
Auburn University Main Campus	University of Hawaii at Manoa
Colorado State University	University of Houston
Indiana University-Bloomington	University of Idaho
Iowa State University	University of Iowa
Louisiana State University and Agricultural & Mechanical College	University of Kentucky
Michigan State University	University of Louisville
Michigan Technological University	University of Maine
North Dakota State University-Main Campus	University of Mississippi Main Campus
Northern Arizona University	University of Missouri-Columbia
Northern Illinois University	University of Montana
Ohio University-Main Campus	University of Nevada-Reno
Oklahoma State University-Main Campus	University of North Carolina at Greensboro
Oregon State University	University of North Dakota
Purdue University-Main Campus	University of Oklahoma Norman Campus
South Dakota State University	University of Oregon
Temple University	University of Rhode Island
Texas Tech University	University of Utah
University of Alabama at Birmingham	University of Vermont
University of Alabama in Huntsville	University of Wyoming
University of Arizona	Utah State University
University of California-Santa Cruz	Washington State University
University of Cincinnati-Main Campus	Western Michigan University

Peers for the research Carnegie classification institutions had to have the following criteria to be selected:

- The 25th quartile of ACT scores is between 20 and 23;
- The 75th quartile of ACT scores is between 25 and 28;
- The percent of admitted students is between 68 and 97.

These criteria are based on the means and standard deviations of the institutions in the Carnegie classifications.

**National Peers - Regional Institutions**

Emporia State University  
Fort Hays State University  
Pittsburg State University

Arkansas State University-Main Campus	Southern Illinois University Edwardsville
Boise State University	Southeast Missouri State University
Bridgewater State College	Southern Oregon University
California State Polytechnic University-Pamona	Stephen F. Austin State University
California State University-Chico	SUNY-Potsdam
Central Washington University	Tennessee Technological University
Eastern Illinois University	University of North Florida
Eastern Michigan University	University of Texas at Tyler
Eastern Washington University	University of Alaska Anchorage
Fitchburg State College	University of Central Missouri
Florida Gulf Coast University	University of Central Oklahoma
Marshall University	University of Colorado at Colorado Springs
McNesse State University	University of Louisiana at Monroe
Minnesota State University-Mankato	University of Massachusetts-Dartmouth
Murray State University	University of Southern Maine
Northeastern State University	University of South Alabama
Northern Kentucky University	University of Tennessee at Chattanooga
Northern Michigan University	University of Texas at San Antonio
Northwestern State University of Louisiana	University of Wisconsin-Stout
Pennsylvania State University-Penn State Harrisburg	University of Wisconsin-Oshkosh
Radford University	University of Wisconsin-Whitewater
Rhode Island College	West Texas A&M University
Saginaw Valley State University	Western Carolina University
Saint Cloud State University	Western Illinois University
San Francisco State University	Western Kentucky University
Sonoma State University	William Paterson University of New Jersey
Shippensburg University of Pennsylvania	Winthrop University
Slippery Rock University of Pennsylvania	

Peers for the regional Carnegie classification institutions had to have the following criteria to be selected:

- The 25th quartile of ACT scores is between 18 and 20;
- The 75th quartile of ACT scores is between 23 and 25;
- The percent of admitted students is between 66 and 96.

These criteria are based on the means and standard deviations of the institutions in the Carnegie classifications.



# Outcomes

## Recommendations



*Are we satisfied that those who complete our educational programs have obtained the cross-cutting competencies and skills necessary for success in work and life?*

- 1. System institutions develop mission-specific strategies for assessing general education learning outcomes in four common areas: (a) communication (particularly reading and writing); (b) thinking/problem solving; (c) computer use/information literacy; and (d) collaboration/working with others.**
- 2. Develop a system wide format for reporting on the results of Kansas' six public universities' participation in the Voluntary System of Accountability (VSA).**



# Economic Alignment

## Recommendations



*Are the programs, resources, and incentives of higher education aligned with the workforce demands of Kansas?*

*Are we satisfied with the level of innovation-spurring research and discovery that is being produced within our universities?*