

Foresight 2020

Kansas Board of Regents Strategic Agenda

> Second Annual Report January 17, 2013 Dr. Andy Tompkins



www.kansasregents.org



New Structure

Align Systems & Institutions

Increase Participation

Increase higher education attainment among Kansans

Improve Retention & Graduation Rates

Enhance Student Success

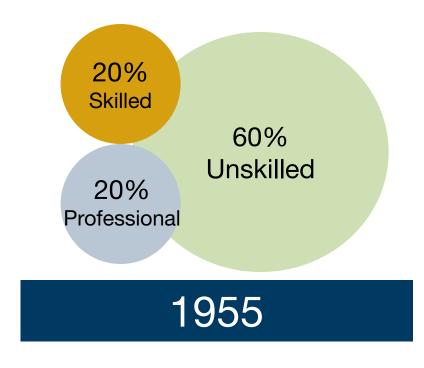
Align with Kansas Workforce Needs

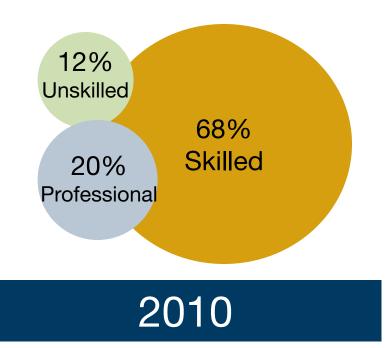
Ensure State University Excellence Improve alignment of the state's higher education system with the needs of the economy

Ensure state university excellence



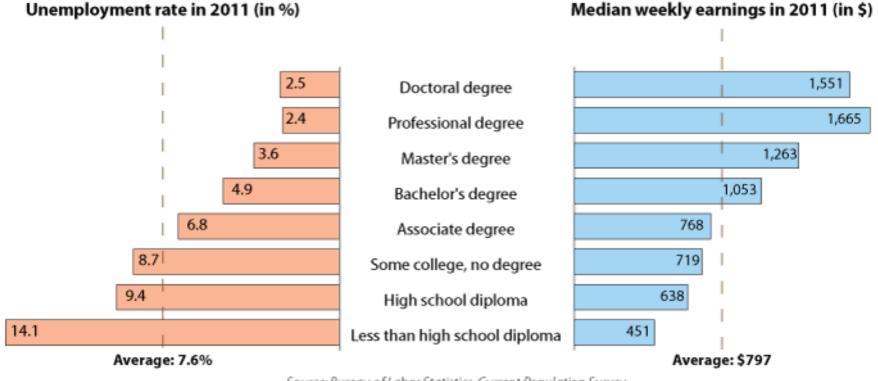
Changes in the Workforce







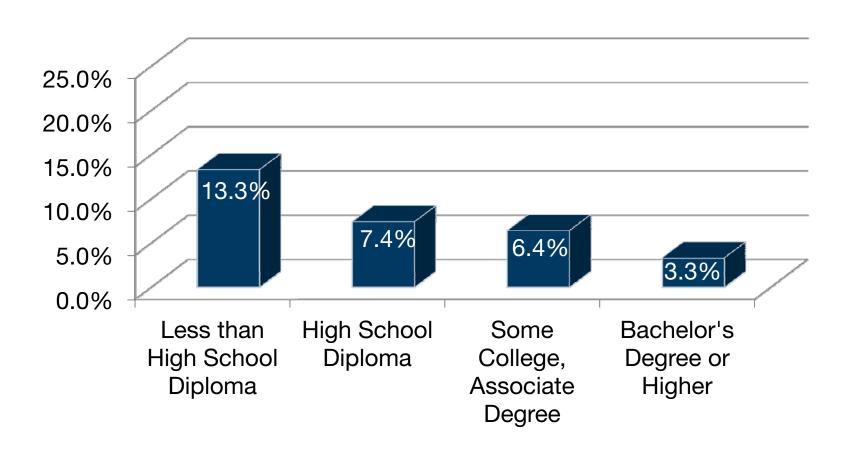
Education Pays National Unemployment & Earnings



Source: Bureau of Labor Statistics, Current Population Survey



2011 Kansas Unemployment Data

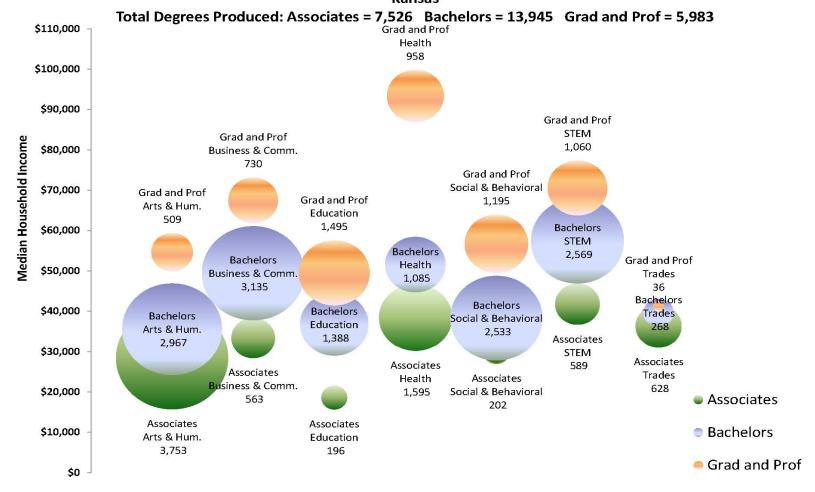


Source: U.S. Department of Labor, Bureau of Labor Statistics



Relationship between Income and Degrees Produced by Discipline (Size of bubble reflects the number of degrees produced in 2009-10)

Kansas





Goal One - Increase Higher Education Attainment

* Measures

- Comparison of state demographics to institutions
- Comparison of postsecondary attainment to the nation by age group
- In-state postsecondary participation by age group
- Number of adult education participants and percentage transitioning to postsecondary
- First to second year retention rates
- Three year graduation rates for community and technical colleges
- Six year graduation rates for universities
- Number of certificates and degrees awarded
- Number of adults returning to college to complete a certificate or degree



Comparison of State Demographics to Institutions

	White Black African American		Hispanic Any Race		All Other*			
	2010	2011	2010	2011	2010	2011	2010	2011
Kansas	78%	78%	6%	6%	11%	11%	6%	6%
Higher Education System	78%	79%	8%	9%	7%	8%	4%	5%
State Universities	86%	84%	5%	5%	5%	5%	5%	6%
Washburn University	82%	81%	7%	7%	7%	7%	5%	5%
Community Colleges	78%	75%	11%	11%	8%	9%	4%	4%
Technical Colleges	75%	77%	12%	10%	8%	8%	5%	5%

^{*}All Other includes Asian, American Indian, Pacific Islander and Two or More Races.

Source: For Kansas, U.S. Census Bureau, American Community Survey. For Higher Education, Kansas Board of Regents, KHEDS.





Comparison Postsecondary Attainment to the Nation by Age Group

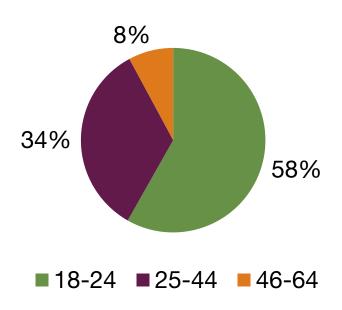
Associate Degree or Higher

	Kansas		U.S.		
	2010	2011	2010	2011	
18-24	16%	15%	14%	14%	
25-34	43%	44%	40%	40%	
35-44	44%	43%	40%	41%	
45-64	38%	39%	37%	37%	

Source: U.S. Census Bureau, American Community Survey, 2010 and 2011.

In-State Postsecondary Participation by Age Group

2010 & 2011



Source: Kansas Board of Regents, KSPSD.

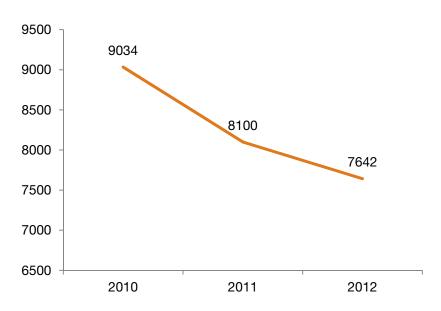


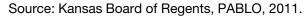


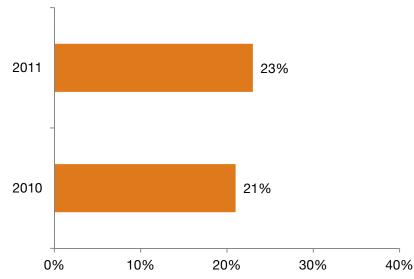


Number of Adult Education Participants

Percentage Transitioning to Postsecondary





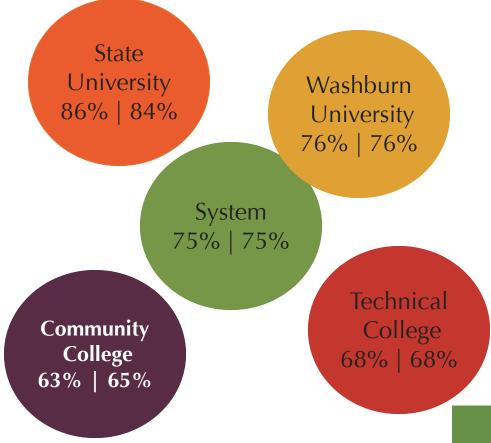


Source: Kansas Board of Regents, KSPSD.



First to Second Year Retention

2010 | 2011

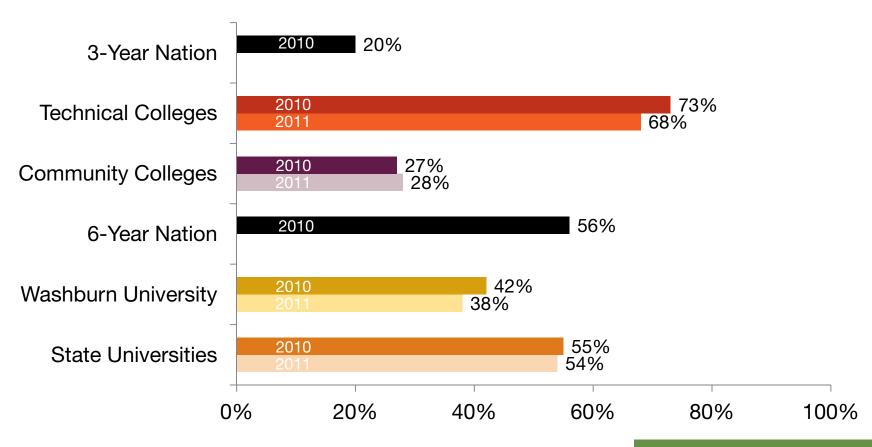


Source: IPEDS, 2012.

⇔ No Change



Three & Six Year Graduation



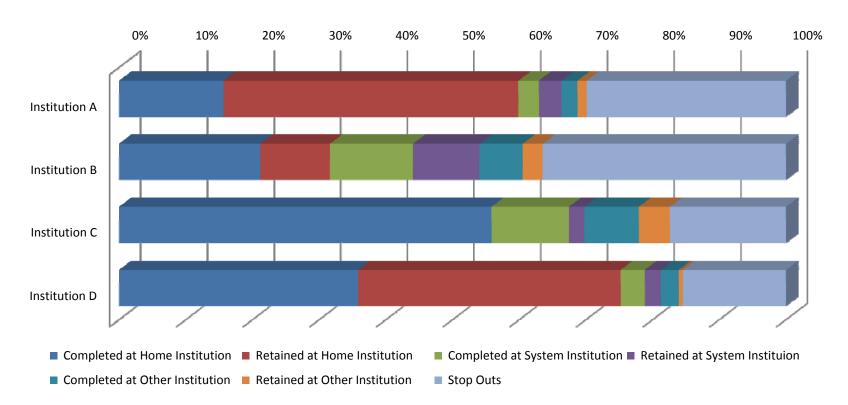
Source: Nation, National Center for Education Statistics, 2012. Kansas, IPEDS.

⇔ No Change



Success Index

Cohort Year	2007	γ.
Cumulative Year of Measure	2010	γ,
Type of Student	First Time	7.
Enrollment Status	Full-Time	7.
Intent	Degree Seeking	V -

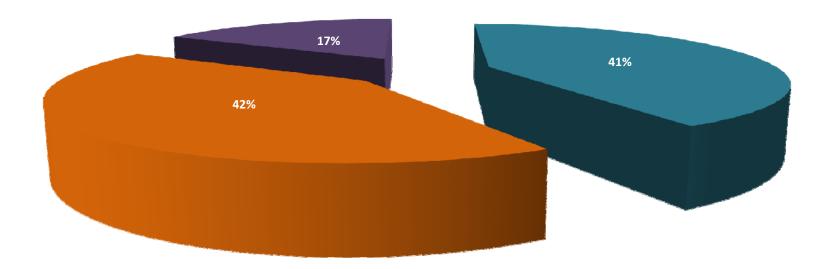




Drill Down

Institution C Breakdown of Completions at Home Institution

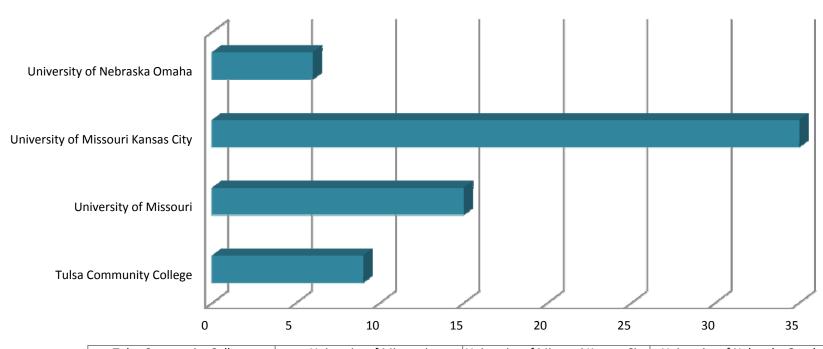






Drill Down

Transfer From Institution B and Completed at Other Institution



	Tulsa Community College	University of Missouri	University of Missouri Kansas City	University of Nebraska Omaha
■ Institution B	9	15	35	6

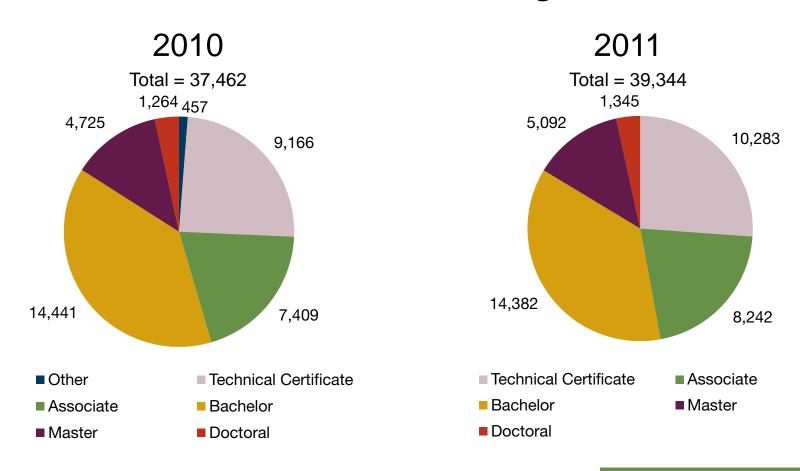


Success Index for Universities

- ★ College Portraits
 - http://www.collegeportraits.org/

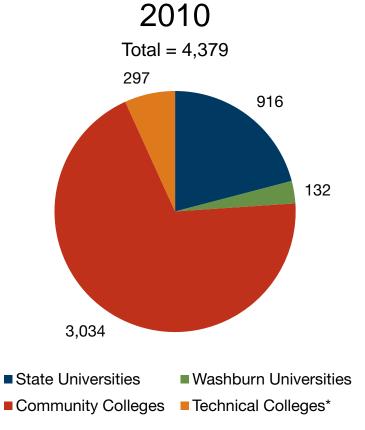


Number of Certificates & Degrees Awarded



Source: Kansas Board of Regents, KSPSD, 2012

Number of Adults Returning to Complete a Certificate or Degree



*Technical Colleges includes Washburn Institute of Technology. Source: Kansas Board of Regents, KSPSD, 2012

 Positive Trend

²⁰¹¹ Total = 4,685311 1,081 168 3,125 Washburn Universities State Universities ■ Community Colleges ■ Technical Colleges*

Goal Two – Improve Alignment Of Higher Education with Needs of the Economy

* Measures

- Performance of students on institutional assessments (Reporting begins in 2014)
- Performance of students on selected third party technical program credential assessments (Reporting begins in 2014)
- Percent of graduates employed in Kansas
- Average wages earned by graduates
- Number of certificates and degrees awarded in high demand occupations
- Percent of certificates and degrees awarded in STEM

Graduates Employed in Kansas Average Wages Earned by Graduates

	One Year P	ost Graduation	Two Years Post Graduation		
Award Type	% Employed in Kansas	Average Earnings	% Employed in Kansas	Average Earnings	
Certificate	74.4	\$19,641	70.0	\$21,001	
Associate	70.1	\$24,643	67.4	\$26,420	
Bachelor's 61.6		\$27,299	57.6	\$30,186	
Master's 53.1		\$42,434	50.7	\$44,617	
Professional 44.7		\$56,141	43.6	\$63,333	
Doctoral	36.1	\$48,907	32.4	\$54,055	

Source: University of Kansas Center for Research, Inc., KBOR-DOL Crosswalk, 2012.



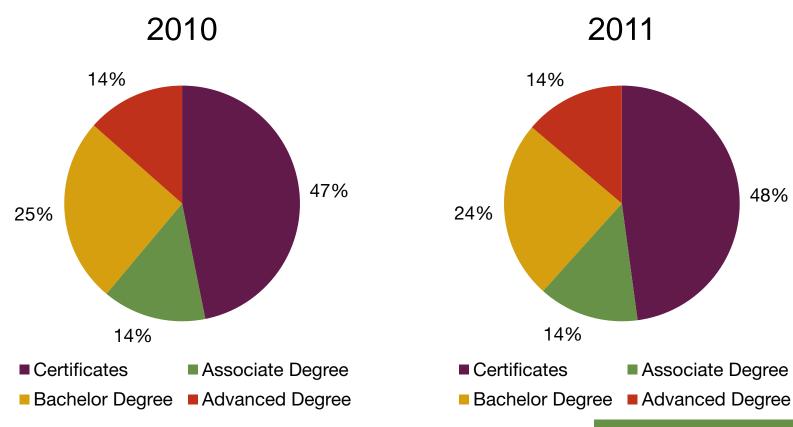


Number of Certificates & Degrees Awarded in High Demand Occupations

- ★ 2,612 Additional Nursing Students
 - 174% above goal
- ★ Additional Nursing Faculty Hired
 - 217 full-time | 218 part-time
- ★ 135 Nurse Educator Service Scholarships Awarded
- ★ 27 Human Patient Simulators in Classrooms
- ★ 1,438 Additional Nursing Graduates



Percent Certificates & Degrees in STEM



Source: Kansas Board of Regents, KSPSD, 2012

 Positive Trend



Goal Three – Enhance State University Excellence

* Measures

- Regional and national rankings for research universities (reporting to begin next year)
- Institutional performance of comprehensive universities compared to peers (reporting to begin next year)
- Amount and proportion of federal research dollars
- Private giving



Amount & Proportion of Federal Research Dollars

	20	10	2011		
	Federal R&D \$	% Total University R&D	Federal R&D \$	% Total University R&D	
United States	34,475,292,000	—	40,764,823,000	—	
Kansas	230,908,000		260,587,000	<u></u>	
Emporia State University	*	*	304,000	56%	
Kansas State University	68,560,000	43%	76,953,000	45%	
Pittsburg State University	999,000	57%	1,280,000	76%	
University of Kansas	147,598,000	55%	162,550,000	54%	
Wichita State University	13,751,000	27%	12,972,000	26%	

*Emporia State University did not participate in the 2010 Survey. Source: Higher Education Research and Development (HERD) Survey, 2011



Private Giving

	2010 Market Value % Change		2011		
			Market Value	% Change	
Emporia State University	62,795,000	9.8	74,166,000	18.1	
Fort Hays State University	47,464,000	17.2	50,624,000	6.7	
Kansas State University	277,584,000	6.8	377,460,000	21.6	
Pittsburg State University	48,101,000	20.5	59,333,000	23.4	
University of Kansas	1,054,739,000	10.4	1,250,433,000	18.6	
Wichita State University	177,017,000	20.1	193,039,000	9.1	

Source: Voluntary Support of Education, 2011.



Summary - Goal One

- ★ Student population is diverse but does not mirror state Hispanic population.
- ★ Adult higher education attainment is higher than the national average but below the projected need.
- ★ Adult basic education participation is declining but the percent transitioning to higher education is increasing.
- ★ Retention rates are unchanged and mirror the nation.
- ★ Graduation rates for community and technical colleges are dramatically higher than the nation and for universities are similar to the nation and there has been no change.
- ★ There has been an increase in the number of credentials and degrees awarded and the number of adults returning to complete a credential or degree.



Summary - Goal Two

- ★ Attaining high education is critical to Kansans both now and in the future to be prepared for the needs of the economy and to achieve a living wage.
- ★ Processes are now in place to identify trends in workforce shortages, and baseline data has been reported.
- ★ When shortages in high demand occupations are identified and partnerships with the Governor and Legislature pursued, the system produces great results.
- ★ Processes are now in place to identify employment and wages of higher education graduates, and baseline data has been reported.
- ★ The percent of STEM graduates continues to outpace regional states but needs continuous focus.



Summary - Goal Three

- ★ Benchmarks for identifying comparative excellence at the state universities are being developed and will be reported next year.
- ★ State universities have continued to increase federal research dollars.
- ★ Private giving has continued to increase at state universities.