### Former Structure

- Align Systems & Institutions
- Increase Participation
- Improve Retention & Graduation Rates
- Enhance Student Success
- Align with Kansas Workforce Needs
- Ensure State University Excellence

### New Structure

- Increase higher education attainment among Kansans
- Improve alignment of the state’s higher education system with the needs of the economy
- Ensure state university excellence
Changes in the Workforce

1955

- 20% Skilled
- 60% Unskilled
- 20% Professional

2010

- 12% Unskilled
- 20% Professional
- 68% Skilled

Source: ACT, Inc.
Education Pays

National Unemployment & Earnings

Unemployment rate in 2011 (in %)

- Doctoral degree: 2.5%
- Professional degree: 2.4%
- Master's degree: 3.6%
- Bachelor's degree: 4.9%
- Associate degree: 6.8%
- Some college, no degree: 8.7%
- High school diploma: 9.4%
- Less than high school diploma: 14.1%

Average: 7.6%

Median weekly earnings in 2011 (in $)

- Doctoral degree: $1,551
- Professional degree: $1,665
- Master's degree: $1,263
- Bachelor's degree: $1,053
- Associate degree: $768
- Some college, no degree: $719
- High school diploma: $638
- Less than high school diploma: $451

Average: $797

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

Total Degrees Produced: Associates = 7,526  Bachelors = 13,945  Grad and Prof = 5,983

Grad and Prof
Health 958

Grad and Prof
STEM 1,060

Grad and Prof
Social & Behavioral 1,195

Grad and Prof
Business & Comm. 730

Bachelors
Business & Comm. 3,135

Bachelors
Health 1,085

Bachelors
Social & Behavioral 2,533

Bachelors
Arts & Hum. 2,967

Associates
Business & Comm. 563

Associates
Education 196

Associates
Health 1,595

Associates
Social & Behavioral 202

Associates
Arts & Hum. 3,753

Associates
STEM 589

Grad and Prof
Trades 36

Bachelors
Trades 268

Associates
Trades 628

- Associates
- Bachelors
- Grad and Prof
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

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Kansas</strong></td>
<td>78%</td>
<td>78%</td>
<td>6%</td>
<td>6%</td>
<td>11%</td>
<td>11%</td>
<td>6%</td>
<td>6%</td>
</tr>
<tr>
<td><strong>Higher Education System</strong></td>
<td>78%</td>
<td>79%</td>
<td>8%</td>
<td>9%</td>
<td>7%</td>
<td>8%</td>
<td>4%</td>
<td>5%</td>
</tr>
<tr>
<td><strong>State Universities</strong></td>
<td>86%</td>
<td>84%</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
<td>6%</td>
</tr>
<tr>
<td><strong>Washburn University</strong></td>
<td>82%</td>
<td>81%</td>
<td>7%</td>
<td>7%</td>
<td>7%</td>
<td>7%</td>
<td>5%</td>
<td>5%</td>
</tr>
<tr>
<td><strong>Community Colleges</strong></td>
<td>78%</td>
<td>75%</td>
<td>11%</td>
<td>11%</td>
<td>8%</td>
<td>9%</td>
<td>4%</td>
<td>4%</td>
</tr>
<tr>
<td><strong>Technical Colleges</strong></td>
<td>75%</td>
<td>77%</td>
<td>12%</td>
<td>10%</td>
<td>8%</td>
<td>8%</td>
<td>5%</td>
<td>5%</td>
</tr>
</tbody>
</table>

*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

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>18-24</td>
<td>16%</td>
<td>15%</td>
<td>14%</td>
<td>14%</td>
</tr>
<tr>
<td>25-34</td>
<td>43%</td>
<td>44%</td>
<td>40%</td>
<td>40%</td>
</tr>
<tr>
<td>35-44</td>
<td>44%</td>
<td>43%</td>
<td>40%</td>
<td>41%</td>
</tr>
<tr>
<td>45-64</td>
<td>38%</td>
<td>39%</td>
<td>37%</td>
<td>37%</td>
</tr>
</tbody>
</table>

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

In-State Postsecondary Participation by Age Group

2010 & 2011

- 18-24: 8%
- 25-44: 34%
- 46-64: 58%

Source: Kansas Board of Regents, KSPSD.

↔ No Change

↔ No Change
Number of Adult Education Participants

Percentage Transitioning to Postsecondary

Source: Kansas Board of Regents, PABLO, 2011.

Source: Kansas Board of Regents, KSPSD.

↓ Negative Trend

↑ Positive Trend
First to Second Year Retention

2010 | 2011

State University
86% | 84%

Washburn University
76% | 76%

System
75% | 75%

Community College
63% | 65%

Technical College
68% | 68%

Three & Six Year Graduation

- **3-Year Nation**
  - 2010: 20%
  - 2011: 20%

- **Technical Colleges**
  - 2010: 27%
  - 2011: 28%
  - 2010: 73%
  - 2011: 68%

- **Community Colleges**
  - 2010: 56%
  - 2011: 55%

- **6-Year Nation**
  - 2010: 42%
  - 2011: 38%

- **Washburn University**
  - 2010: 55%
  - 2011: 54%

- **State Universities**
  - 2010: 68%
  - 2011: 55%

Drill Down
Institution C
Breakdown of Completions at Home Institution
- Associate: 42%
- Certificate: 17%
- Less Than 1 Year: 41%
Drill Down
Transfer From Institution B and Completed at Other Institution

<table>
<thead>
<tr>
<th>Institution</th>
<th>Tulsa Community College</th>
<th>University of Missouri</th>
<th>University of Missouri Kansas City</th>
<th>University of Nebraska Omaha</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institution B</td>
<td>9</td>
<td>15</td>
<td>35</td>
<td>6</td>
</tr>
</tbody>
</table>
Success Index for Universities

★ College Portraits
  • http://www.collegeportraits.org/
Number of Certificates & Degrees Awarded

2010
Total = 37,462
- Technical Certificate: 14,441
- Associate: 9,166
- Bachelor: 7,409
- Master: 4,725
- Other: 1,264

2011
Total = 39,344
- Technical Certificate: 14,382
- Associate: 8,242
- Bachelor: 10,283
- Master: 5,092
- Other: 1,345

Source: Kansas Board of Regents, KSPSD, 2012

Positive Trend
Number of Adults Returning to Complete a Certificate or Degree

2010
Total = 4,379
- State Universities: 916
- Community Colleges: 132
- Technical Colleges*: 297
- Washburn Universities: 297

2011
Total = 4,685
- State Universities: 1,081
- Community Colleges: 311
- Technical Colleges*: 1,681
- Washburn Universities: 168

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

Positive Trend
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

<table>
<thead>
<tr>
<th>Award Type</th>
<th>One Year Post Graduation</th>
<th>Two Years Post Graduation</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>% Employed in Kansas</td>
<td>Average Earnings</td>
</tr>
<tr>
<td>Certificate</td>
<td>74.4</td>
<td>$19,641</td>
</tr>
<tr>
<td>Associate</td>
<td>70.1</td>
<td>$24,643</td>
</tr>
<tr>
<td>Bachelor’s</td>
<td>61.6</td>
<td>$27,299</td>
</tr>
<tr>
<td>Master’s</td>
<td>53.1</td>
<td>$42,434</td>
</tr>
<tr>
<td>Professional</td>
<td>44.7</td>
<td>$56,141</td>
</tr>
<tr>
<td>Doctoral</td>
<td>36.1</td>
<td>$48,907</td>
</tr>
</tbody>
</table>

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

Nursing Initiative Achievements, FY2007 – FY2012
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

<table>
<thead>
<tr>
<th></th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Federal R&amp;D $</td>
<td>% Total University R&amp;D</td>
</tr>
<tr>
<td><strong>United States</strong></td>
<td>34,475,292,000</td>
<td>—</td>
</tr>
<tr>
<td><strong>Kansas</strong></td>
<td>230,908,000</td>
<td>—</td>
</tr>
<tr>
<td><strong>Emporia State University</strong></td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Kansas State University</strong></td>
<td>68,560,000</td>
<td>43%</td>
</tr>
<tr>
<td><strong>Pittsburg State University</strong></td>
<td>999,000</td>
<td>57%</td>
</tr>
<tr>
<td><strong>University of Kansas</strong></td>
<td>147,598,000</td>
<td>55%</td>
</tr>
<tr>
<td><strong>Wichita State University</strong></td>
<td>13,751,000</td>
<td>27%</td>
</tr>
</tbody>
</table>

*Emporia State University did not participate in the 2010 Survey.

Source: Higher Education Research and Development (HERD) Survey, 2011

↑ Positive Trend
### Private Giving

<table>
<thead>
<tr>
<th>University</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Market Value</td>
<td>% Change</td>
</tr>
<tr>
<td>Emporia State University</td>
<td>62,795,000</td>
<td>9.8</td>
</tr>
<tr>
<td>Fort Hays State University</td>
<td>47,464,000</td>
<td>17.2</td>
</tr>
<tr>
<td>Kansas State University</td>
<td>277,584,000</td>
<td>6.8</td>
</tr>
<tr>
<td>Pittsburg State University</td>
<td>48,101,000</td>
<td>20.5</td>
</tr>
<tr>
<td>University of Kansas</td>
<td>1,054,739,000</td>
<td>10.4</td>
</tr>
<tr>
<td>Wichita State University</td>
<td>177,017,000</td>
<td>20.1</td>
</tr>
</tbody>
</table>


Positive Trend
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.