Alignment of Higher Education with the Kansas Economy

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Limitations

- Supply and demand hard to quantify
- Multiple complex factors interacting
- Volatile economy
- Geographic mismatch
- Pace of change in business and jobs
Undersupply in occupational areas:

- Business/Finance
- Computer/Math
- Architecture/Engineering
- Healthcare Practitioners/Technical
- Construction/Maintenance/Production
System Initiatives to Address Undersupply

- Nursing Initiative
- Engineering Initiative
- Excel in Career Tech Ed Initiative (SB 155)
Why Does Educational Attainment Matter?

**United States**
- 55 million job openings through 2020

**Kansas**
- 64% of all jobs require postsecondary education by 2018

**United States**
- 65% of all jobs require postsecondary education by 2020

**Kansas**
- Over half a million projected job openings (excl. military) through 2020
### Level of Education Matters

Median Annual Wages (Ages 25-64)

<table>
<thead>
<tr>
<th>Education Level</th>
<th>Kansas</th>
<th>U.S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than High School</td>
<td>$24,383</td>
<td>$22,688</td>
</tr>
<tr>
<td>High School Graduate, GED, or Equivalent</td>
<td>30,479</td>
<td>30,938</td>
</tr>
<tr>
<td>Some College, No Degree</td>
<td>33,001</td>
<td>36,575</td>
</tr>
<tr>
<td>Associate's Degree</td>
<td>37,282</td>
<td>41,251</td>
</tr>
<tr>
<td>Bachelor's Degree</td>
<td>48,767</td>
<td>52,831</td>
</tr>
<tr>
<td>Graduate or Professional Degree</td>
<td>91,438</td>
<td>94,877</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau, 2010 American Community Survey
Education Pays

National Unemployment & Earnings

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**Earnings and unemployment rates by educational attainment**

Unemployment rate in 2012 (%)

- Doctoral degree: 2.5%
- Professional degree: 2.1%
- Master's degree: 3.5%
- Bachelor's degree: 4.5%
- Associate's degree: 6.2%
- Some college, no degree: 7.7%
- High school diploma: 8.3%
- Less than a high school diploma: 12.4%
- All workers: 6.8%

Median weekly earnings in 2012 ($)

- Doctoral degree: $1,624
- Professional degree: $1,735
- Master's degree: $1,300
- Bachelor's degree: $1,066
- Associate's degree: $785
- Some college, no degree: $727
- High school diploma: $652
- Less than a high school diploma: $471
- All workers: $815

By 2020, 65% of all jobs will require postsecondary education and training.
Attainment Model Pathway

Hypothetical data and chart showing the number of credentials awarded from 2012-13 to 2019-20, with projected and projected need totals.
Economic Regions in Kansas
Kansas Statewide Population Demographics

Almost one million (915,433) adults are ages 25-49 out of total 2.89M population.

Over three quarters of a million (851,899) adults are ages 18-24 and 50-64.

Over 10% of population (317,061) is Hispanic.
Kansas Regional Population Demographics

Highest percentage of adults ages 25-49 (472,472) in northeast Kansas

Kansas City and Wichita metro areas (2.2M=76%) most populous; northwest 12 county region is least populous (43K=0.148%)

Hispanic population as high as 38% (64,804) in the southwest region
Statewide Educational Attainment

354,571
• Adults ages 25-49 with high school or less

219,652
• Adults ages 25-49 with “some college” no degree

61,177
• Adults ages 25-49 with associate degree
## Regional Educational Attainment

<table>
<thead>
<tr>
<th>Region</th>
<th>Population</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>261,676</td>
<td>Adults ages 25-49 with high school or less are in the northeast and south central regions</td>
</tr>
<tr>
<td></td>
<td>171,073</td>
<td>Adults ages 25-49 with some college/no degree are in the northeast and south central regions</td>
</tr>
<tr>
<td></td>
<td>138,211</td>
<td>Adults ages 25-49 with either high school or less/some college, no degree-balance of state</td>
</tr>
</tbody>
</table>
Postsecondary Institutions Compared to Economic Regions in Kansas
Considerations for Kansas Postsecondary Institutions

- Broaden recruiting to include out of state and Hispanics students of all ages
- Target most populated areas of the state in support of Foresight 2020 goals
- Increase the level of student services to support multiple, diverse adult populations
- Grow critical jobs in rural areas
Considerations

★ Support existing initiatives towards the Board’s goal of 60% degree attainment:

• Accelerating Opportunity: Kansas - over 237,000 Kansans without a GED or high school diploma

• Prior Learning Assessment - CAEL survey shows students with PLA are 2.5 times more likely to persist to graduation; Hispanics with PLA, 8 times more likely to graduate
Questions ??