Using SREB Data Resources in Institutional Research and Planning

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Important Dates in SREB Data Services History

• 1948 – SREB founded
• 1956 – first *Fact Book* published
• 1969 – SREB-State Data Exchange created
• 1970 – biennial publication of *Fact Book* began
• 1996 – state *Featured Facts* began
• 2011 – *Fact Book* adds U.S. regions and states outside of SREB
SREB-State Data Exchange History

- 1969 ...faculty salaries
- 1970 ...state appropriations per FTE
- 1975 ...tuition and fee charges
- 1983 ...local appropriations & e-filing
- 1989 ...faculty benefits amounts
- 1995 ...tuition policies & benefits descriptions
- 1999 ...graduation and progression rates
- 2001 ...tuition and fee revenue per FTE
- 2002 ...first-year persistence rates
- 2004 ...e-learning (modes of instruction)
- 2009 ...college credit hours taken by high school students
- 2010 ...time to degree / credits to degree
- 2012 ...faculty benefits amounts and policies discontinued
State Data Exchange
44 years and still counting

2012-2013 Indicators Report

This report contains the latest “SREB averages” often used in state decision-making, showing where each SREB state’s universities, colleges, and technical institutions stand on the following key indicators—all with important year-to-year changes.

Enrollment Indicators
- Full-Time-Equivalent (FTE) Enrollment
- Undergraduate Credit and Contact Hours Taken by High School Students
- Undergraduate Instruction Through e-Learning

Student Persistence/Graduation/Progression and Time-/Credits-To-Degree Indicators
- First-Year Student Persistence Rates
- Graduation and Progression Rates
- Degrees and Certificates Conferred
- Graduates Who Began at and Those Transferring to Colleges Awarding Degrees
- Average Years-/Credits-to-Degree at Colleges Awarding Degrees

Student Price and Financial Aid Indicators
- Annual Tuition and Required Fees for In-State Undergraduates
- Funding for State Student Financial Aid

College Funding Indicators
- Operating Appropriations and Tuition/Fees Revenue per FTE Student

Faculty Compensation Indicators
- Faculty Salaries

The SREB-State Data Exchange is a one-of-a-kind regional program with 24 statewide higher education governing and coordinating board partners. The Data Exchange annually collects, compiles, and publishes the most current and detailed comparative statistics on public postsecondary education in the 16 SREB states. Full summary statistics for groups of institutions (based on size and the distribution of degrees conferred) and valuable raw data by institution are available at www.srebs.org. See page 26 for information on additional data. For more information, contact Susan Campbell Lounsbery (Susan.Lounsbery@sreb.org) or Lisa Cowan (Lisa.Cowan@sreb.org).
Customized, Diversified Products
Fact Book Bulletins

• Public Two-Year Colleges in the SREB Region Approached Historic Milestone in 2010 – Enrollment Equal to Public Four-Year Colleges
• Men’s Increase in College Enrollment Breaks Long-Term Trend – Rises Faster Than Rate for Women
• Minority Enrollment Gains Show Region’s Progress Toward College Completion Goals
• Growing Proportion of Children in Poverty Means More Education Challenges
Web Access: www.sreb.org/data
Uses of Data

- comparing or benchmarking
  - states
  - institutional types or sectors
  - institutions

- telling a story
Comparing States

- How does my state compare with other SREB states with respect to tuition and fees?
Annual Tuition and Fees*
Public Four-Year, 2012-13

* Full-time, in-state undergraduates.
Annual Tuition and Fees*
Public Two-Year, 2012-13

* Full-time, in-state undergraduates.
Weighted Average Salaries of Full-Time Faculty
Public, Four-Year Colleges, 2012-13

Arkansas $61,826
Louisiana $63,589
Mississippi $64,369
West Virginia $68,035
Oklahoma $69,338
Kentucky $69,886
Tennessee $70,562
Georgia $73,794
Alabama $73,960
South Carolina $74,782
Maryland $77,349
North Carolina $77,556
Florida $78,326
Texas $78,645
Virginia $79,875
Delaware $101,359
Weighted Average Salaries of Full-Time Faculty
Public, Two-Year Colleges, 2012-13

SREB states

- Delaware: $68,958
- Maryland: $58,423
- Virginia: $55,271
- Florida: $53,891
- Alabama: $53,185
- Texas: $53,185
- Oklahoma: $49,606
- Mississippi: $48,661
- South Carolina: $48,078
- Georgia: $47,338
- West Virginia: $47,213
- Tennessee: $46,048
- Louisiana: $45,213
- Kentucky: $43,988
- North Carolina: $43,620
- Arkansas: $43,546

$0 $20,000 $40,000 $60,000 $80,000
Telling a Story

Is progress toward educational attainment goals at risk?
Percent with Associate’s Degree or Higher, 2005 to 2012

50 States and DC: 37.4 (2005) - 38.9 (2012)
SREB: 34.2 (2005) - 35.7 (2012)
Florida: 36.6 (2005) - 37.2 (2012)
Georgia: 35.8 (2005) - 36.7 (2012)
Maryland: 43.7 (2005) - 45.3 (2012)
North Carolina: 36.0 (2005) - 38.0 (2012)
South Carolina: 33.2 (2005) - 34.9 (2012)
Texas: 33.0 (2005) - 34.2 (2012)
Virginia: 42.8 (2005) - 44.8 (2012)
Educational Attainment by Race/Ethnicity, 2012

*Percent of working age population with Associate’s degree or higher.
Percent Change in Racial and Ethnic Composition of Population, 2002 to 2012

- African American
  - 50 States and DC: 10.3%
  - SREB: 14.9%

- Hispanic
  - 50 States and DC: 37.9%
  - SREB: 54.1%

- White
  - 50 States and DC: 0.5%
  - SREB: 3.7%
Higher Education Enrollment by Race/Ethnicity, Fall 2012

- African American: 14.6%
- Hispanic: 15.2%
- White: 60.4%
- Other: 9.8%

Note: Percentages are an average for the 50 states and D.C.
Higher Education Enrollment by Race/Ethnicity, Fall 2007

Note: Percentages are an average for 50 states and D.C.
Percent Enrolled in Two-Year Colleges, 2012

- **African American**
  - 50 States and DC: 44.9%
  - SREB: 45.7%

- **Hispanic**
  - 50 States and DC: 56.3%
  - SREB: 54.7%

- **White**
  - 50 States and DC: 36.6%
  - SREB: 39.5%
Graduation Rates,* 2012
Public, Four-Year Colleges and Universities, 2006 cohort

**Asian**
- 50 States and DC: 69%
- SREB: 65%

**White**
- 50 States and DC: 60%
- SREB: 59%

**Hispanic**
- 50 States and DC: 49%
- SREB: 49%

**African American**
- 50 States and DC: 40%
- SREB: 39%

*First-time, full-time, degree or certificate seekers completing a bachelor's degree within 150 percent of normal time at the institution where they first enrolled.
Graduation Rates,* 2012
Public, Two-Year Colleges, 2009 cohort

- **Asian**
  - 50 states and DC: 27%
  - SREB states: 18%

- **White**
  - 50 states and DC: 22%
  - SREB states: 20%

- **Hispanic**
  - 50 states and DC: 16%
  - SREB states: 15%

- **African American**
  - 50 states and DC: 10%
  - SREB states: 11%

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*First-time, full-time, degree or certificate seekers completing a degree or certificate within 150 percent of normal time at the institution where they first enrolled.*
Why so much attention paid to educational attainment and college completion?
Population 25 and Over, Median Annual Earnings
United States, 2012

<table>
<thead>
<tr>
<th>Education Level</th>
<th>Median Earnings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than high school graduate</td>
<td>$19,240</td>
</tr>
<tr>
<td>High school diploma or GED credential</td>
<td>$27,147</td>
</tr>
<tr>
<td>Some college, no degree</td>
<td>$32,869</td>
</tr>
<tr>
<td>Bachelor's degree</td>
<td>$49,570</td>
</tr>
<tr>
<td>Graduate or Professional degree</td>
<td>$65,528</td>
</tr>
<tr>
<td>All</td>
<td>$35,057</td>
</tr>
</tbody>
</table>

$0 $40,000 $80,000
Projected Job Openings by Education Level
United States, 2012-2022

- Less than high school graduate: 10.9%
- High school diploma or GED credential: 7.9%
- Some college, no degree: 11.3%
- Postsecondary non-degree award: 15.6%
- Associate's degree: 17.6%
- Bachelor's degree: 12.1%
- Master's degree: 18.4%
- Doctoral or professional degree: 16.0%
- All: 10.8%
Relationship Between Educational Attainment and Per Capita Income, 2012

Per Capita Income

Population 25 and Older with Bachelor's Degree or Higher

30,000 35,000 40,000 45,000 50,000 55,000
15% 20% 25% 30% 35% 40%
Will a postsecondary education be affordable enough to provide the kind of access needed in the coming decade?
Tuition and Fees* as a Percent of Median Family Income
Public Four-Year Colleges, 2011-12

* Full-time, in-state undergraduates.

Source: SREB Fact Book 2013, Table 63.
## Tuition and Fees* as a Percent of Median Family Income

**Public Two-Year Colleges, 2011-12**

*Full-time, in-state undergraduates.*

<table>
<thead>
<tr>
<th>State</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. SREB</td>
<td>6.0% / 6.9%</td>
</tr>
<tr>
<td>KY</td>
<td>10.2%</td>
</tr>
<tr>
<td>AL</td>
<td>9.3%</td>
</tr>
<tr>
<td>SC</td>
<td>9.1%</td>
</tr>
<tr>
<td>TN</td>
<td>8.4%</td>
</tr>
<tr>
<td>GA</td>
<td>7.6%</td>
</tr>
<tr>
<td>WV</td>
<td>7.3%</td>
</tr>
<tr>
<td>FL</td>
<td>6.6%</td>
</tr>
<tr>
<td>LA</td>
<td>6.5%</td>
</tr>
<tr>
<td>AR</td>
<td>6.2%</td>
</tr>
<tr>
<td>OK</td>
<td>6.2%</td>
</tr>
<tr>
<td>VA</td>
<td>5.7%</td>
</tr>
<tr>
<td>DE</td>
<td>5.6%</td>
</tr>
<tr>
<td>MD</td>
<td>5.2%</td>
</tr>
<tr>
<td>MS</td>
<td>5.1%</td>
</tr>
<tr>
<td>NC</td>
<td>4.9%</td>
</tr>
<tr>
<td>TX</td>
<td>4.5%</td>
</tr>
</tbody>
</table>

Source: SREB Fact Book 2013, Table 63.
Funding for Postsecondary Education

How did funding for postsecondary education change last year? Did it differ for four-year and two-year institutions? Did it appear to affect enrollment?
Enrollment and Funding Changes
Public Colleges, SREB States, 2011-12 to 2012-13

- Full-time-equivalent (FTE) enrollment: -3.7%
- Appropriations per FTE student: -3.2%
- Tuition and fee revenue per FTE student: 6.4% (4-Year), 9.1% (Two-Year)
- Funding per FTE student: 2.2% (4-Year), 7.8% (Two-Year)
### Degree-Granting Two-Year Colleges

#### Percentage of Undergraduate Enrollment

<table>
<thead>
<tr>
<th>State</th>
<th>2007</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas</td>
<td>51%</td>
<td>57%</td>
</tr>
<tr>
<td>Florida</td>
<td>50%</td>
<td>53%</td>
</tr>
<tr>
<td>Mississippi</td>
<td>52%</td>
<td>51%</td>
</tr>
<tr>
<td>North Carolina</td>
<td>46%</td>
<td>50%</td>
</tr>
<tr>
<td>Maryland</td>
<td>48%</td>
<td>49%</td>
</tr>
<tr>
<td>Virginia</td>
<td>43%</td>
<td>45%</td>
</tr>
<tr>
<td>Kentucky</td>
<td>43%</td>
<td>44%</td>
</tr>
<tr>
<td>South Carolina</td>
<td>45%</td>
<td>46%</td>
</tr>
<tr>
<td>Georgia</td>
<td>37%</td>
<td>42%</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>35%</td>
<td>42%</td>
</tr>
<tr>
<td>Louisiana</td>
<td>31%</td>
<td>39%</td>
</tr>
<tr>
<td>Arkansas</td>
<td>43%</td>
<td>38%</td>
</tr>
<tr>
<td>Alabama</td>
<td>35%</td>
<td>34%</td>
</tr>
<tr>
<td>Tennessee</td>
<td>35%</td>
<td>36%</td>
</tr>
<tr>
<td>Delaware</td>
<td>35%</td>
<td>32%</td>
</tr>
<tr>
<td>West Virginia</td>
<td>26%</td>
<td>32%</td>
</tr>
</tbody>
</table>

- **In 2012**
  - 50% or more
  - 34% to 49%
  - 33% or less

- **In 2012**
  - 50% or more
  - 34% to 49%
  - 33% or less

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  - 50% or more
  - 34% to 49%
  - 33% or less
For further information about SREB Data Services, contact…

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www.SREB.org/data