Closing the Gaps by 2015 and Beyond

Building blocks for a globally competitive economy

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Senate Committee on
Higher Education
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Texas needs **54,000 additional students** to reach 2015 goal for participation

*These data are certified fall 2013 data for public and independent institutions. Flexible (flex) entry data not yet available. Flex entry students are those enrolled in classes that began after the official reporting date of the semester.*
Texas experienced a decline in overall enrollments

<table>
<thead>
<tr>
<th></th>
<th>Fall '13 Total</th>
<th>Change From '12</th>
<th>% Change From '12</th>
<th>2000 Total (comparison)</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>638,269</td>
<td>(20,036)</td>
<td>(3.04)</td>
<td>579,344</td>
</tr>
<tr>
<td>Hispanic</td>
<td>526,312</td>
<td>10,937</td>
<td>2.12</td>
<td>241,418</td>
</tr>
<tr>
<td>African American</td>
<td>229,697</td>
<td>(4,466)</td>
<td>(1.91)</td>
<td>112,839</td>
</tr>
<tr>
<td>Other</td>
<td>220,362</td>
<td>(378)</td>
<td>(0.17)</td>
<td>105,164</td>
</tr>
<tr>
<td>Total</td>
<td>1,614,640</td>
<td>(13,943)</td>
<td>(0.86)</td>
<td>1,038,765</td>
</tr>
</tbody>
</table>
Two-year colleges continue to enroll the largest number of students.

**Higher Education Enrollment by Institution Type**

*Fall 2012 vs. Fall 2013*

- **Public 2-year:** Fall 2012: 600,000; Fall 2013: 650,000
- **Public 4-year:** Fall 2012: 500,000; Fall 2013: 550,000
- **Independent:** Fall 2012: 70,000; Fall 2013: 80,000
- **Career:** Fall 2012: 100,000; Fall 2013: 120,000

**Higher Education Enrollment, Percentage by Institution Type**

*Fall 2013*

- **Public 2-Year:** 46%
- **Public 4-Year:** 39%
- **Independent:** 8%
- **Career:** 7%

Thousands
African American enrollment has far outpaced the target while Hispanic enrollment lags despite increases.
Participation of Hispanic males continue to lag goal, but African American males exceed target.

**African American Participation Rates, Fall 2013**

- Female: 9.3%
- Male: 5.8%

**Hispanic Participation Rates, Fall 2013**

- Female: 6.1%
- Male: 4.3%

Target: 5.7%
Texas has achieved the participation target of 5.7% of the population but remains lower than peer states

<table>
<thead>
<tr>
<th>State</th>
<th>Participation Rate of Total Population (2011)</th>
</tr>
</thead>
<tbody>
<tr>
<td>California</td>
<td>7.4%</td>
</tr>
<tr>
<td>Illinois</td>
<td>7.1%</td>
</tr>
<tr>
<td>Michigan</td>
<td>7.1%</td>
</tr>
<tr>
<td>New York</td>
<td>7.0%</td>
</tr>
<tr>
<td>Ohio</td>
<td>6.6%</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>6.4%</td>
</tr>
<tr>
<td>Florida</td>
<td>6.3%</td>
</tr>
<tr>
<td>Texas</td>
<td>6.3%</td>
</tr>
<tr>
<td>North Carolina</td>
<td>6.1%</td>
</tr>
<tr>
<td>Georgia</td>
<td>5.8%</td>
</tr>
</tbody>
</table>

Source: U.S. Dept. of Education and Census Bureau
The state has surpassed the 2015 goal for annual undergraduate credentials awarded.

**Total Annual Undergraduate Degrees and Certificates**

*By Year*

Goal: 210,000

**Undergraduate Credentials Awarded by Type, Fall 2013**

- Bachelor's: 121,310
- Associate's: 70,533
- Certificates: 50,980

Total: 242,823

**NOTE:** Collection of career institution data began in 2004.
African American and Hispanic Awards Are Above Targets

African American Undergraduate Awards
By Year

Hispanic Undergraduate Awards
By Year
Despite more postsecondary completions, attainment among Hispanics, African Americans and poor students remains low.

Percentage of 2002 8th Graders Who Earned Postsecondary Credential Within 6 Years of HS Graduation

- **Statewide**: 19.6%
- **Hispanics**: 12.1%
- **African American**: 11.6%
- **Econ. Dis.**: 9.5%

SOURCE: Texas Higher Education Coordinating Board
Technology undergraduate awards have not kept pace with need while nursing and allied health awards have responded to legislative action.
Texas institutions have increased the number of nationally recognized programs or services at colleges and universities.

First community college ever to receive the Malcolm Baldrige National Quality Award, presented jointly by the President of the U.S. and the Secretary of Commerce.

- Named a Center of Excellence in Nursing Education by the National League of Nursing.

- Two undergraduate and three graduate engineering programs ranked in the top ten by U.S. News & World Report.

- Ranked in the top ten by U.S. News & World Report in Accounting, Business, Engineering, Education, Computer Science, Earth Sciences, Pharmacy, etc.

- Named one of three National Biosecurity Centers.
Texas’ share of federal science and engineering R&D obligations has dropped
R&D Dipped in FY 2012, but rebounded in FY 2013

R&D Obligations
BY Year
In current dollars

![Graph showing R&D Obligations by Year](image-url)

- **Target**: 3,000
- **Actual**: 3,787

**Note:** The graph illustrates the trend of R&D obligations from FY 2000 to FY 2015, with a notable dip in FY 2012 followed by a rebound in FY 2013.
Texas is on its way to meeting the overarching goals of *Closing the Gaps* due to commitment from the Legislature and institutions.

Some of the successes stem from investments in ...

**Participation**
- ✓ **Financial aid** for the most financially needy

**Success**
- ✓ **Developmental education** reform

**Excellence**
- ✓ Texas Research Incentive Program

**Research**
- ✓ Research Development Fund
- ✓ Competitive Knowledge Fund