Key Trends in New England Higher Education
&
The Case for Public Investment

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About NEBHE

• Mission: Expand education opportunities and resources

• Key areas:
  • Cost savings & affordability
  • College readiness & success
  • Policy leadership on key issues related to education & economy
  • Strengthening higher education’s link to local and regional economic development
About NEBHE

• Regional Student Program “Tuition Break”

• College Ready New England

• Issue-oriented Conferences & Annual Excellence Awards

• Professional Development in STEM

• *The New England Journal of Higher Education*

• Policy & Research Reports, including “Trends & Indicators”

• Master Property Insurance Cost-saving Collaborative
New England at a Glance

• 260 non-profit postsecondary institutions

• Contributes an estimated $100 billion annually in overall impact

• Employs over 185,000 people

• 971,618 students enrolled Fall 2010

• Regional institutions grant almost 200,000 degrees annually
Critical Crossroads

• A prolonged global economic recession
• Continued decline of public support for higher education
• Increased demand and constrained capacity at many of our institutions
• A clear national mandate to radically expand the number of citizens with postsecondary credentials
• Projected increase in demand for individuals with postsecondary credentials, suggesting that in New England, 64% of jobs will require some postsecondary education by 2018; of these jobs, 72% or 3.7 million jobs will require a postsecondary degree
• Continued competition among states to build innovation-based knowledge economies, relying on higher education as the primary provider of innovation and highly skilled human capital
Degree Completion in Context

Educational Attainment of Adults 25 to 64

<table>
<thead>
<tr>
<th>State</th>
<th>2005</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connecticut</td>
<td>46.0%</td>
<td>46.4%</td>
</tr>
<tr>
<td>Maine</td>
<td>37.2%</td>
<td>38.6%</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>48.7%</td>
<td>50.2%</td>
</tr>
<tr>
<td>New Hampshire</td>
<td>44.0%</td>
<td>44.6%</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>41.3%</td>
<td>42.6%</td>
</tr>
<tr>
<td>Vermont</td>
<td>43.7%</td>
<td>44.2%</td>
</tr>
<tr>
<td>US</td>
<td>37.4%</td>
<td>38.1%</td>
</tr>
</tbody>
</table>

- New England states generally have higher-than-average degree attainment rates.
- Degree attainment rates among young(er) adults, age 25-34, are also generally higher-than-average in New England (with the exception of Maine).
- Even so, the 55% degree attainment goal will not be reached with current rates of degree attainment.

Source: SREB Fact Book, 2011
The emphasis on increasing college participation and completion rates...
What is the cost of college?

- Actual cost
  - (Institutional) Spending per FTE, per degree, etc.
  - (Student) Tuition share of education and related costs
  - (Public) State appropriations

<table>
<thead>
<tr>
<th>State</th>
<th>FY 2005</th>
<th>FY 2009</th>
<th>FY 2010</th>
<th>1 Year % Change</th>
<th>FY2010 Index to US Average</th>
<th>5 Year % Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connecticut</td>
<td>$8,329</td>
<td>$8,430</td>
<td>$8,450</td>
<td>0.2%</td>
<td>1.31</td>
<td>1.4%</td>
</tr>
<tr>
<td>Maine</td>
<td>$6,628</td>
<td>$6,586</td>
<td>$6,215</td>
<td>-5.6%</td>
<td>0.96</td>
<td>-6.2%</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>$6,564</td>
<td>$6,530</td>
<td>$6,006</td>
<td>-8.0%</td>
<td>0.93</td>
<td>-8.5%</td>
</tr>
<tr>
<td>New Hampshire</td>
<td>$3,317</td>
<td>$3,173</td>
<td>$2,884</td>
<td>-9.1%</td>
<td>0.45</td>
<td>-13.1%</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>$6,633</td>
<td>$4,818</td>
<td>$4,817</td>
<td>0.0%</td>
<td>0.75</td>
<td>-27.4%</td>
</tr>
<tr>
<td>Vermont</td>
<td>$3,035</td>
<td>$2,690</td>
<td>$2,754</td>
<td>2.4%</td>
<td>0.43</td>
<td>-9.3%</td>
</tr>
<tr>
<td>US</td>
<td>$6,662</td>
<td>$6,951</td>
<td>$6,451</td>
<td>-7.2%</td>
<td>0.43</td>
<td>-3.2%</td>
</tr>
</tbody>
</table>

Source: SHEEO FY 2010 SHEF report, March 2011
What is the cost of college?

• Actual cost
  – (Institutional) Spending per FTE, per degree, etc.
  – (Student) Tuition share of institutional spending
  – (Public) State appropriations

• Opportunity Cost for not investing in higher education
  – Return on Investment (ROI)
If Connecticut produced an additional 100 Undergraduate Certificates, 100 Associate Degrees, and 100 Bachelor’s Degrees…

An additional $1,054,464 in total state revenues would be generated.

- $445,072 in State Income Tax Revenues
- $105,307 in Sales Tax Revenues
- $307,663 in Property Tax Revenues
- $233,186 in Medicaid Savings
- $73,235 in Corrections Savings

Source: National Center for Higher Education Management Systems (NCHEMS) and CLASP analysis
State Returns (by Category) If Each State Produced an Additional 100 Undergraduate Certificates, 100 Associate Degrees, and 100 Bachelor’s Degrees

Source: National Center for Higher Education Management Systems (NCHEMS) and CLASP analysis
The Personal and State Returns If Each State Produced an Additional 100 Undergraduate Certificates, 100 Associate Degrees, and 100 Bachelor’s Degrees

Source: National Center for Higher Education Management Systems (NCHEMS) and CLASP analysis
How can states increase their college completion rates?
Strategies for Increasing Productivity

• Strategic Finance
  – Performance Based Funding
  – Purchasing Agreements

• Lower costs for students
  – Tuition-setting

• Academic preparation and readiness
  – Reducing remediation rates and increasing college readiness
Comments & Questions
Resources on Performance Based Funding

- *Performance Funding: From Idea to Action* outlines key design principles in putting in place performance funding policies (NCHEMS)

- *Catalyst for Completion: Performance-Based Funding in Higher Education* features case studies of three states who have implemented performance-based funding formulas (NEBHE)
Resources on Student Preparation & Completion

- *Unlocking The Gate: What We Know About Improving Developmental Education* outlines various strategies institutions and systems have used to improve student success in developmental education (MDRC)

- *Saving Now and Saving Later: How High School Reform Can Reduce the Nation’s Wasted Remediation Dollars* includes estimates of benefits to the state economy after reducing remediation and a discussion of two state systems—California and Illinois (Alliance for Excellent Education)
# Trends in CT College Spending

## Education and Related Spending per FTE, 2009

<table>
<thead>
<tr>
<th></th>
<th>Public Research</th>
<th>Public Masters</th>
<th>Public Bachelor’s</th>
<th>Community Colleges</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2009</td>
<td>2009</td>
<td>2009</td>
<td>2009</td>
</tr>
<tr>
<td><strong>US</strong></td>
<td>$15,919</td>
<td>$12,363</td>
<td>$13,235</td>
<td>$10,242</td>
</tr>
<tr>
<td></td>
<td>12%</td>
<td>9%</td>
<td>8%</td>
<td>7%</td>
</tr>
<tr>
<td><strong>Connecticut</strong></td>
<td>$27,559</td>
<td>$16,110</td>
<td>$8,563</td>
<td>$13,087</td>
</tr>
<tr>
<td></td>
<td>60%</td>
<td>13%</td>
<td>27%</td>
<td>7%</td>
</tr>
</tbody>
</table>

## Education and Related Spending per completion, 2009

<table>
<thead>
<tr>
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<th>Community Colleges</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2009</td>
<td>2009</td>
<td>2009</td>
<td>2009</td>
</tr>
<tr>
<td><strong>US</strong></td>
<td>$64,179</td>
<td>$54,167</td>
<td>$68,393</td>
<td>$46,759</td>
</tr>
<tr>
<td></td>
<td>8%</td>
<td>4%</td>
<td>2%</td>
<td>-2%</td>
</tr>
<tr>
<td><strong>Connecticut</strong></td>
<td>$95,831</td>
<td>$73,150</td>
<td>$15,608</td>
<td>$77,237</td>
</tr>
<tr>
<td></td>
<td>39%</td>
<td>12%</td>
<td>85%</td>
<td>11%</td>
</tr>
</tbody>
</table>

## Net Tuition Share of Education and Related Costs, 2009

<table>
<thead>
<tr>
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<th>Public Research</th>
<th>Public Masters</th>
<th>Public Bachelor’s</th>
<th>Community Colleges</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>US</strong></td>
<td>52%</td>
<td>49%</td>
<td>44%</td>
<td>32%</td>
</tr>
<tr>
<td><strong>Connecticut</strong></td>
<td>35%</td>
<td>39%</td>
<td>71%</td>
<td>28%</td>
</tr>
</tbody>
</table>

Source: Delta Cost Project, 2011