Educating Tomorrow’s Leaders for a Global Society

November 15, 2007
Leading in Quality
The U.S. has the most attractive higher education system in the World

- The market test – foreign students
  - 475,169 (2001/NCES) in the U.S.
    - 225,722 in the U.K.
    - 199,132 in Germany
    - 147,402 in France
    - 64,103 in Russia
    - 63,637 in Japan
Leading in Quality
The U.S. has the most attractive higher education system in the World

- Or Is It?
  - Foreign students
    - 475,169 (2001/NCES) in the U.S. – 4%
    - 225,722 in the U.K. – 11%
    - 199,132 in Germany – 10%
    - 147,402 in France – 7%
    - 64,103 in Russia – 2%
    - 63,637 in Japan – 2%

And on student learning ...
Leading in Research
The U.S. leads the World in University based research

- On Quality
  - Research Productivity
    - Shanghai Jiao Tong University Ratings
      - 18 of top 25 – U.S. Universities
    - But that now makes us the benchmarked target

And on student learning ...
Leading in Quantity
The U.S. is the best educated country in the World

- High on initial participation
  - 56% go on immediately after graduation (NCHEMS/NCES)
  - 65-70% within 5 years
- Or maybe not
  - Only 70% graduate \[70\% \times 65\% = 46\%\]
  - 46% of 18-24 year olds have participated in postsecondary education (NCES/Census)
- Lousy on throughput
  - 16th of 27 OECD countries measured in degrees/100 students enrolled
Percent of Adults with an Associate Degree or Higher by Age Group – Top Countries and the United States

Source: Organization for Economic Co-operation and Development (OECD), Education at a Glance 2007
The National Agenda for Higher Education

College graduates this year:

- **U.S.**
  - Total College Graduates: 1.3 Million
  - Engineering Graduates: 70,000

- **India**
  - Total College Graduates: 3.1 Million
  - Engineering Graduates: 350,000

- **China**
  - Total College Graduates: 3.3 Million
  - Engineering Graduates: 600,000

Geoffrey Colvin, Fortune Magazine, July 20, 2005
### College Participation by SES status

<table>
<thead>
<tr>
<th>Achievement Quartile</th>
<th>SES Quartile</th>
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<tbody>
<tr>
<td></td>
<td>Lowest</td>
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<tr>
<td></td>
<td>Highest</td>
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<tr>
<td>Lowest</td>
<td>36%</td>
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<tr>
<td>Highest</td>
<td>78%</td>
</tr>
<tr>
<td>Highest</td>
<td>97%</td>
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</tbody>
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Source: *Access Denied*, Department of Education, February 2001
Public High School Graduates as a Percent of 9th Graders Four Years Earlier, 2004

Source: Tom Mortenson, Postsecondary Opportunity
U.S. Public High School Graduates by Race/Ethnicity, 1993-94 to 2004-05 (Actual); 2005-06 to 2021-22 (Projected)
Projected State and Local Budget Deficits as a Percent of Revenues, 2013

Source: NCHEMS; Don Boyd (Rockefeller Institute of Government), 2005