Funding to Mission?

A Carnegie-based view on funding adequacy for NSHE institutions

Chancellor John V. White

May 25, 2017
"... lower public subsidies per student negatively affect completion rates and increase time to degree."

David J. Deming, Increasing College Completion with a Federal Higher Education Matching Grant, The Hamilton Project, Policy Proposal 2017-03, April 2017, at p. 12 (references omitted)
"A number of recent studies suggest that postsecondary resources are strongly related to degree completion. Bound, Lovenheim, and Turner (2010) show that declines in resources per student—rather than changes in the academic preparation of students—have led to declining completion rates over time. Deming and Walters (2017) study the causal impact of changes in state appropriations on student enrollment and degree completion. They find that state higher education budget cuts have a large negative impact on postsecondary attainment."

Associate’s Colleges: Mixed Transfer/Career & Technical – Mixed Traditional/Nontradiotional
Associate’s Colleges: Mixed Transfer/Career & Technical – Mixed Traditional/Nontraditional

State & Local Appropriations and Total All Revenue per FTE

Average State & Local Appropriations per FTE – All Institutions Classified as Mixed Transfer/Career & Technical – Mixed Traditional/Nontraditional ($6,384)

Average All Revenue and Other Additions per FTE – All Institutions Classified as Mixed Transfer/Career & Technical – Mixed Traditional/Nontraditional ($14,015)

Neighboring States
Comparably Sized States
Baccalaureate/Associate’s Colleges: Mixed Baccalaureate/Associate’s

GBC

State and Local Appropriations per FTE

Frequency

0 2 4 6 8 10 12

2000 4000 6000 8000 10000 12000 14000
Baccalaureate/Associate’s Colleges: Mixed Baccalaureate/Associate’s
State & Local Appropriations and Total All Revenue per FTE

Average All Revenue and Other Additions per FTE – Mixed Baccalaureate/Associate’s ($16,571)

Average State & Local Appropriations per FTE – Mixed Baccalaureate/Associate’s ($5,963)

Neighboring States Compared to Comparably Sized States
Baccalaureate/Associate’s Colleges: Associate’s Dominant

![Graph showing state and local appropriations per FTE for CSN and WNC.](image-url)
Baccalaureate/Associate’s Colleges: Associate’s Dominant
State & Local Appropriations and Total All Revenue per UG and GR FTE

Average State & Local Appropriations per FTE – Associate’s Dominant ($4,553)

Average All Revenue and Other Additions per FTE – Associate’s Dominant ($12,879)

Neighboring States
Comparably Sized States
Baccalaureate Colleges: Diverse Fields

All States

[Bar chart showing frequency distribution of state & local appropriations per FTE for all states, marked with NSC line.]

State & Local Appropriations per FTE

Frequency

NSC
Baccalaureate Colleges: Diverse Fields
State & Local Appropriations and Total All Revenue per FTE

Average State & Local Appropriations per FTE – All Institutions Classified as Baccalaureate Colleges: Diverse Fields ($6,556)

Average All Revenue and Other Additions per FTE – All Institutions Classified as Baccalaureate Colleges: Diverse Fields ($21,422)
Doctoral Universities: Higher Research Activity

All States
2015 Carnegie Study
Doctoral Universities: Higher Research Activity

States Neighboring Nevada

Port St U N. Az San Diego St UNLV UT St UNR U ID CA Merced
## Doctoral Universities: Higher Research Activity

State & Local Appropriations and Total All Revenue per UG and GR FTE

### States Neighboring Nevada

<table>
<thead>
<tr>
<th>Institution</th>
<th>State &amp; Local Appropriations</th>
<th>Total All Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR (Port St U)</td>
<td>$30,285</td>
<td>$39,864</td>
</tr>
<tr>
<td>AZ (N. AZ)</td>
<td>$19,765</td>
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</tr>
<tr>
<td>UNLV</td>
<td>$26,249</td>
<td></td>
</tr>
<tr>
<td>NV</td>
<td>$31,117</td>
<td></td>
</tr>
<tr>
<td>UT (Utah St)</td>
<td>$34,062</td>
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<tr>
<td>UNR</td>
<td>$33,658</td>
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</tr>
<tr>
<td>CA (2)</td>
<td>$11,912</td>
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</tr>
<tr>
<td>ID (U. ID)</td>
<td>$12,935</td>
<td></td>
</tr>
</tbody>
</table>

**Average State & Local Appropriations per UG and GR FTE – All Institutions Classified as Higher Research Activity = $8,477**

**Average All Revenue and Other Additions per UG and GR FTE – All Institutions Classified as Higher Research Activity = $31,082**
Doctoral Universities: Higher Research Activity
States with Comparable Size to Nevada

Frequency

5000 6000 7000 8000 9000 10000

State and Local Appropriations per FTE

Jackson St
Wichita St
SO MS UNLV
UT St UNR
MS St
U
Doctoral Universities: Higher Research Activity
State & Local Appropriations and Total All Revenue per UG and GR FTE
States with Comparable Size to Nevada

Average All Revenue and Other Additions per UG and GR FTE – All Institutions Classified as Higher Research Activity = $28,587

Average State & Local Appropriations per UG and GR FTE – All Institutions Classified as Higher Research Activity = $7,409
Doctoral Universities: Highest Research Activity

All States

![Graph showing state appropriations per FTE for different universities](chart.png)
2015 Carnegie Study
Doctoral Universities: Highest Research Activity

States with Comparable Size to Nevada

- UNLV
- U of KS
- U of AR
- U of UT
- U of KS
- U of MS

Frequency

State and Local Appropriations per FTE

6000  8000  10000  12000  14000
Doctoral Universities: Highest Research Activity
State & Local Appropriations and Total All Revenue per UG and GR FTE
States with Comparable Size to Nevada

Average All Revenue and Other Additions per UG and GR FTE – States with Comparable Size = $74,151
Average State & Local Appropriations per UG and GR FTE – States with Comparable Size = $10,468
Doctoral Universities: Highest Research Activity

States Neighboring Nevada

State and Local Appropriations per FTE
## Doctoral Universities: Highest Research Activity
### State & Local Appropriations and Total All Revenue per UG and GR FTE
#### States Neighboring Nevada

<table>
<thead>
<tr>
<th>State</th>
<th>Average All Revenue and Other Additions per UG and GR FTE</th>
<th>Average State &amp; Local Appropriations per UG and GR FTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR (2)</td>
<td>$45,254</td>
<td>$4,589</td>
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<tr>
<td>UNLV</td>
<td>$26,249</td>
<td>$6,741</td>
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<tr>
<td>AZ (3)</td>
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<td>NV</td>
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<td>$7,615</td>
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<tr>
<td>UNR</td>
<td>$34,062</td>
<td>$8,490</td>
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<tr>
<td>CA (8)</td>
<td></td>
<td>$9,640</td>
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<tr>
<td>UT (U of UT)</td>
<td></td>
<td>$10,249</td>
</tr>
</tbody>
</table>

Average All Revenue and Other Additions per UG and GR FTE – States Neighboring Nevada = $79,693

Average State & Local Appropriations per UG and GR FTE – States Neighboring Nevada = $8,572