The State of Nevada Public Higher Education

Chancellor John V. White

September 8, 2016
NCES Table 304.10; U.S. Census Bureau

Note, post secondary enrollment is from NCES and is for all degree-granting institutions
Source: IPEDS, U.S. Census Bureau
Source: NCHEMS: U.S. Census Bureau, 2012 American Community Survey (higheredinfo.org)
Under 18 Population

<table>
<thead>
<tr>
<th>State</th>
<th>Under 18 Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nevada</td>
<td>658,625</td>
</tr>
<tr>
<td>Arkansas</td>
<td>708,557</td>
</tr>
<tr>
<td>Mississippi</td>
<td>735,412</td>
</tr>
<tr>
<td>Utah</td>
<td>898,124</td>
</tr>
<tr>
<td>Kansas</td>
<td>724,608</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau Population Estimates
Source: IPEDS; U.S. Census Bureau Population Estimates

Note: Enrollment includes any postsecondary institution.
SHEEO Perspectives on State and Local Government Higher Education Funding

Higher Education Support per capita FY14

Nevada ranks 45th in the U.S.

- Nevada: $171
- U.S.: $272
- Utah: $271
- Kansas: $337
- Arkansas: $349
- Mississippi: $343

Source: SHEEO
SHEEO Perspectives on State and Local Government Higher Education Funding

Higher Education Support per $1,000 of Personal Income
FY14

Nevada ranks 44th in the U.S.

<table>
<thead>
<tr>
<th></th>
<th>Nevada</th>
<th>U.S.</th>
<th>Utah</th>
<th>Kansas</th>
<th>Arkansas</th>
<th>Mississippi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support</td>
<td>$4.20</td>
<td>$5.90</td>
<td>$7.20</td>
<td>$7.50</td>
<td>$9.22</td>
<td>$9.96</td>
</tr>
</tbody>
</table>

Source: SHEEO
SHEEO Perspectives on State and Local Government Higher Education Funding

Percent of Tax Revenues Allocated to Higher Education FY13

Nevada ranks 39th in the U.S.

4.4% Nevada 5.5% U.S. 7.3% Utah 7.6% Kansas 9.6% Arkansas 9.5% Mississippi

Source: SHEEO
Source: IPEDS

State & Local Appropriations Include: State Appropriations, Local Appropriations, State Nonoperating Grants, Local Nonoperating Grants
Endowment & Private Gifts Revenue/FTE: 2013-14

Source: IPEDS
Source: IPEDS

State & Local Appropriations Include: State Appropriations, Local Appropriations, State Nonoperating Grants, Local Nonoperating Grants


Other E&G Revenue Includes: Other Sources – Operating, Federal Nonoperating Grants, Federal Appropriations
State & Local Appropriations per FTE
by Institution Type and State: 2013-14

Public 2-Year

<table>
<thead>
<tr>
<th>State</th>
<th>Appropriations</th>
<th>Total State &amp; Local Appropriations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utah</td>
<td>$4,582</td>
<td>111.9M</td>
</tr>
<tr>
<td>Mississippi</td>
<td>$4,607</td>
<td>299.5M</td>
</tr>
<tr>
<td>Nevada</td>
<td>$4,879</td>
<td>141.1M</td>
</tr>
<tr>
<td>Arkansas</td>
<td>$5,552</td>
<td>215.4M</td>
</tr>
<tr>
<td>Kansas</td>
<td>$6,755</td>
<td>381.7M</td>
</tr>
</tbody>
</table>

Source: IPEDS

State & Local Appropriations Include: State Appropriations, Local Appropriations, State Nonoperating Grants, Local Nonoperating Grants
Source: IPEDS

State & Local Appropriations Include: State Appropriations, Local Appropriations, State Nonoperating Grants, Local Nonoperating Grants
Instruction Expenditures per FTE as a Percent of Total 2013-14

Public 2-Year

- Utah: $11,051, 46.4%
- Nevada: $11,297, 49.0%
- Mississippi: $12,526, 44.9%
- Kansas: $12,820, 40.9%
- Arkansas: $13,140, 40.4%

Public 4-Year

- UT: $26,508, 41.3%
- NV: $30,853, 35.5%
- MS: $35,904, 24.1%
- AR: $41,027, 23.2%
- KS: $45,055, 17.7%

Source: IPEDS
**Kansas** Board of Regents
FTE and Facility data (both) available for the 6 state universities
total gross area per FTE (Fall 2014) = 259.9/FTE student
*raw data: total gross area = 20,815,911; FTE students = 80,099*

**Utah** System of Higher Education
Total gross square footage per FTE student (32,922,819 sq feet; 120,000 FTE students) = 274.4 sq ft/FTE student.

**Mississippi** Public Universities
According to "Return on Physical Asset" report prepared by "Sightlines"
Table of Education Space per Student (2014) appears to show 210 gsf/student
*Note: per student, not FTE
*raw data not available; square footage per student estimated based on bar graph included in noted presentation*

**Arkansas** Department of Higher Education
E &G (education and general programs) sq feet per annual FTE (AY 2014) = 218.6 sq ft/FTE
*raw data: E&G square footage = 26,697,761; annual FTE students at 4 year university = 83,114 plus 2 year colleges = 39,033*

**Nevada**
According to the 2015/2016 Space Study:Classroom, lab, research space per FTE student =
47.6. Total owned and leased square footage is **10,966,615**
Total Square footage per FTE student = 155.1

Data from 2015-2016 Space Study:
Total owned and leased space for Classroom, lab, research, and study facilities = 3,367,114 square feet
Total owned and leased space for Office, conference room, athletics, general use, support facilities, health care, residential, all other = 7,599,502 square feet
Higher Education R&D Expenditures, by State
FY14

Expenditure per Capita, 2013

<table>
<thead>
<tr>
<th>State</th>
<th>Expenditure per Capita</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.</td>
<td>$212.23</td>
</tr>
<tr>
<td>Nevada</td>
<td>$55.04</td>
</tr>
<tr>
<td>Arkansas</td>
<td>$95.27</td>
</tr>
<tr>
<td>Mississippi</td>
<td>$137.26</td>
</tr>
<tr>
<td>Kansas</td>
<td>$189.17</td>
</tr>
<tr>
<td>Utah</td>
<td>$237.31</td>
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</tbody>
</table>

Total Expenditures

<table>
<thead>
<tr>
<th>State</th>
<th>Total Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.</td>
<td>689.0M</td>
</tr>
<tr>
<td>Nevada</td>
<td>15.6M</td>
</tr>
<tr>
<td>Arkansas</td>
<td>281.8M</td>
</tr>
<tr>
<td>Mississippi</td>
<td>410.5M</td>
</tr>
<tr>
<td>Kansas</td>
<td>547.8M</td>
</tr>
<tr>
<td>Utah</td>
<td>689.0M</td>
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</tbody>
</table>

Source: NSF; U.S. Census Bureau Population Estimates
## Research

**Nevada**

<table>
<thead>
<tr>
<th>Carnegie Classification</th>
<th>Research Activity</th>
<th>Research Expenditures 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Moderate</td>
<td>Higher</td>
</tr>
<tr>
<td>UNR</td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>UNLV</td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>DRI</td>
<td></td>
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</tbody>
</table>

**Total:** $150.5 million


[https://www.aau.edu/about/default.aspx?id=16710](https://www.aau.edu/about/default.aspx?id=16710)

### Research

**Arkansas:** $249.6 million

<table>
<thead>
<tr>
<th>Carnegie Classification Research Activity</th>
<th>Research Expenditures 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moderate</td>
<td>Higher</td>
</tr>
<tr>
<td>University of Arkansas at Fayetteville</td>
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</tr>
<tr>
<td>University of Arkansas at Little Rock</td>
<td>●</td>
</tr>
<tr>
<td>University of Arkansas at Pine Bluff</td>
<td></td>
</tr>
</tbody>
</table>

[https://www.aau.edu/about/default.aspx?id=16710](https://www.aau.edu/about/default.aspx?id=16710)
## Research

### Kansas:

<table>
<thead>
<tr>
<th>Carnegie Classification Research Activity</th>
<th>Research Expenditures 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Research</td>
</tr>
<tr>
<td>The University of Kansas*</td>
<td></td>
</tr>
<tr>
<td>Kansas State University</td>
<td></td>
</tr>
<tr>
<td>Wichita State University</td>
<td></td>
</tr>
</tbody>
</table>

*Member, American Associations of Universities*

Sources:  
https://www.aau.edu/about/default.aspx?id=16710  
http://carnegieclassifications.iu.edu/lookup/lookup.php
## Research

Mississippi | $397.6 million
--- | ---
| **Carnegie Classification** | **Research Activity** | **Research Expenditures 2014** |
| Moderate | Higher | Highest | Rank | $ (millions) |
| Mississippi State University | | | 98 | $209.7 |
| University of Mississippi | | | 141 | $109.9 |
| University of Southern Mississippi | | | 190 | $51.9 |
| Jackson State University | | | 236 | $26.1 |

[https://www.aau.edu/about/default.aspx?id=16710](https://www.aau.edu/about/default.aspx?id=16710)
### Research

#### Utah:

<table>
<thead>
<tr>
<th>Carnegie Classification Research Activity</th>
<th>Research Expenditures 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Research</td>
</tr>
<tr>
<td>University of Utah</td>
<td></td>
</tr>
<tr>
<td>Utah State University</td>
<td>●</td>
</tr>
</tbody>
</table>

[https://www.aau.edu/about/default.aspx?id=16710](https://www.aau.edu/about/default.aspx?id=16710)
Source: IPEDS
Enrollment by Race/Ethnicity, Institution Type and State
Fall 2014

4-Year Public Institutions, by State

- Two or more races
- American Indian or Alaska Native
- Native Hawaiian or Other Pacific Islander
- Asian
- Black or African American
- Hispanic
- White

Source: IPEDS
Graduation rate is the percentage of students entering the institutions as first-time, full-time, degree-seeking freshmen who complete their program within 150% of normal time (6 years for bachelor's degrees, 3 years for associate's degrees, 1.5 years for certificates). Graduation rates with transfer includes the standard graduation rate plus student who transferred to any other postsecondary institution nationwide.

Source: IPEDS
Graduation rate is the percentage of students entering the institutions as first-time, full-time, degree-seeking freshmen who complete their program within 150% of normal time (6 years for bachelor's degrees, 3 years for associate's degrees, 1.5 years for certificates).

Source: IPEDS
Undergraduate (UG) Awards per 100 UG FTE: 2013-14

Public 2-Year

- Mississippi: 23.6
- Nevada: 26.7
- Kansas: 30.0
- Utah: 37.8
- Arkansas: 39.8

Source: IPEDS
Undergraduate (UG) Awards per 100 UG FTE: 2013-14

Public 4-Year

Nevada 18.5
Mississippi 19.7
Arkansas 21.6
Kansas 22.8
Utah 23.8

Source: IPEDS
Retention Rate of First-time, Full-time Freshmen, Fall 2013 to Fall 2014

Public 2-Year

U.S. 59.3%

Arkansas 54.7%  Kansas 56.7%  Utah 58.7%  Mississippi 60.2%  Nevada 63.8%

Source: IPEDS
Retention Rate of First-time, Full-time Freshmen
Fall 2013 to Fall 2014

Public 4-Year

<table>
<thead>
<tr>
<th>State</th>
<th>Retention Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.</td>
<td>79.6%</td>
</tr>
<tr>
<td>Utah</td>
<td>68.8%</td>
</tr>
<tr>
<td>Arkansas</td>
<td>72.1%</td>
</tr>
<tr>
<td>Kansas</td>
<td>77.6%</td>
</tr>
<tr>
<td>Nevada</td>
<td>78.9%</td>
</tr>
<tr>
<td>Mississippi</td>
<td>79.0%</td>
</tr>
</tbody>
</table>

Source: IPEDS
Source: NSHE

Student credit hours (SCH) generated from student enrollments in courses qualified for state funding are used to calculate the weighted student credit hours (WSCH) for the funding formula. The AAFTE includes enrollments in ALL courses that qualify for state funding.
Source: NSHE

Weighted student credit hours (WSCH) are derived from the SCH generated by enrollments in courses qualified for state funding. WSCH excludes non-resident student enrollments, enrollments that resulted in a grade of “W” or no assigned grade, and “F” grades for non-attendance.

*In 2011-12, “F” grades for non-attendance were not excluded.
Source: IPEDS
Performance Pool: 4-Year Institutions

Source: IPEDS
Source: IPEDS and institutionally identified Pell recipients
Source: IPEDS
Source: NSHE

Student credit hours (SCH) generated from student enrollments in courses qualified for state funding are used to calculate the weighted student credit hours (WSCH) for the funding formula. The AAFTE includes enrollments in ALL courses that qualify for state funding.
Source: NSHE

Weighted student credit hours (WSCH) are derived from the SCH generated by enrollments in courses qualified for state funding. WSCH excludes non-resident student enrollments, enrollments that resulted in a grade of “W” or no assigned grade, and “F” grades for non-attendance.

*In 2011-12, “F” grades for non-attendance were not excluded.
Source: IPEDS
Source: IPEDS

Skills certificates (less than one year) are not included. They are counted in a separate category beginning 2014-15.
Source: IPEDS
Source: IPEDS and institutionally identified Pell recipients
Sources:
MDs: State Physician Workforce Data Book (2014)
Nurses: Kaiser Family Foundation (2016)
Dentists: American Dental Association
U.S. Census Bureau Population Estimates
Source: IPEDS
Sources:
Nurses: Kaiser Family Foundation (2016)
U.S. Census Bureau Population Estimates
Source: IPEDS

Institutions strive for a lower student-to-faculty ratios.
Source: Nevada P-20 to Workforce Research Data System (NPWR): NSHE Data Warehouse; National Student Clearinghouse
Student Pipeline
Percentage of 9th graders who graduate from HS on time, go directly to college, return for their second year, and graduate within 150% of program time, 2010

- U.S. 20.8%
- Nevada 9.8%
- Mississippi 15.9%
- Arkansas 16.6%
- Utah 20.3%
- Kansas 23.1%

Source: NCHEMS
# College Readiness Assessment

Average ACT Scores* by Diploma Type (Class of 2014)

<table>
<thead>
<tr>
<th>Diploma Type</th>
<th>Math</th>
<th>English</th>
<th>Science</th>
<th>Reading</th>
<th>Composite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>18.6</td>
<td>17.4</td>
<td>19.0</td>
<td>19.4</td>
<td>18.7</td>
</tr>
<tr>
<td>Advanced</td>
<td>23.4</td>
<td>22.7</td>
<td>23.0</td>
<td>23.9</td>
<td>23.4</td>
</tr>
<tr>
<td>College Readiness Benchmark</td>
<td>22</td>
<td>18</td>
<td>23</td>
<td>22</td>
<td>n/a</td>
</tr>
</tbody>
</table>

*Of those students earning a standard or advanced diploma, 70 percent earned a standard diploma and 30 percent earned an advanced diploma.

**College Readiness Benchmark Scores** – a benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. Benchmarks are empirically derived based on nationwide ACT data using actual performance of students in college.

*Average Scores include highest score achieved on each subject area for those with more than one test administration reported.

Source: ACT; NDE; NSHE; NPWR