MAKING THE CASE FOR INDEPENDENT HIGHER EDUCATION

ASSOCIATION OF INDEPENDENT COLLEGES & UNIVERSITIES OF PENNSYLVANIA

2013
Independent colleges have demonstrated their commitment to increasing access for low-income students.

DISTRIBUTION OF LOW-INCOME STUDENTS BY EDUCATIONAL SECTOR IN PENNSYLVANIA, 2010-2011

**Source:** Low-income students are individuals receiving a Pell grant in academic year 2010-2011. Data obtained from End of Year Distribution of Federal Pell Grant Program Funds by Institution files, U.S. Department of Education, Office of Postsecondary Education.
In 2010-11, first-time, full-time undergraduates at Pennsylvania independent colleges and universities receiving financial aid received an average of $15,426 in grant aid from institutional sources.

PERCENT OF FIRST-TIME, FULL-TIME UNDERGRADUATES RECEIVING INSTITUTIONAL GRANT AID & AVERAGE INSTITUTIONAL GRANT AMOUNT, 2010-11
TOTAL BACHELOR’S DEGREES AWARDED IN 2010-11

INDEPENDENT COLLEGES & UNIVERSITIES 48%
STATE SYSTEM OF HIGHER ED. 21%
STATE-RELATED 30%

TOTAL BACHELOR’S DEGREES AWARDED TO MINORITIES IN 2010-11

INDEPENDENT COLLEGES & UNIVERSITIES 51%
STATE SYSTEM OF HIGHER ED. 15%
STATE-RELATED 35%
As reported by the National Science Foundation, five of the top 50 per capita producers of PhDs in science and engineering nationwide are Pennsylvania private institutions:

- Swarthmore College (#5)
- Bryn Mawr College (#12)
- Haverford College (#13)
- Carnegie Mellon University (#27)
- Franklin and Marshall College (#36)

**Total STEM Degrees Awarded in 2010-11, by Minority, Women, and Total Degrees**
Independent college students are more likely to get their bachelor’s degree in 4 years than their public school peers.

**GRADUATION RATES**

2005 FRESHMEN COHORT SEEKING BACHELOR’S DEGREES

<table>
<thead>
<tr>
<th>Type of Institution</th>
<th>4 Years (%)</th>
<th>6 Years (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Independent Colleges &amp; Universities</td>
<td>66%</td>
<td>78%</td>
</tr>
<tr>
<td>State-Related Institutions</td>
<td>47%</td>
<td>71%</td>
</tr>
<tr>
<td>State System of Higher Education</td>
<td>34%</td>
<td>56%</td>
</tr>
</tbody>
</table>

PERCENTAGE OF STUDENTS GRADUATING IN 4 AND 6 YEARS
GRADUATION RATES FOR MINORITIES
2005 FRESHMEN COHORT SEEKING BACHELOR’S DEGREES

INDEPENDENT COLLEGES & UNIVERSITIES
- 59% IN 4 YEARS
- 75% IN 6 YEARS

STATE-RELATED INSTITUTIONS
- 36% IN 4 YEARS
- 62% IN 6 YEARS

STATE SYSTEM OF HIGHER EDUCATION
- 17% IN 4 YEARS
- 40% IN 6 YEARS

PERCENTAGE OF STUDENTS GRADUATING IN 4 AND 6 YEARS

ASSOCIATION OF INDEPENDENT COLLEGES & UNIVERSITIES OF PA

3 GRADUATION RATES
Graduates of Pennsylvania’s independent colleges and universities enter the workforce with degrees in some of the fastest-growing, highest paid industries.

**HIGH PRIORITY OCCUPATIONS**
GRADUATES BY SECTOR, 2010-11

<table>
<thead>
<tr>
<th>Occupation</th>
<th>State System of Higher Education</th>
<th>State Related</th>
<th>Independent Colleges &amp; Universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>INDUSTRIAL, MECHANICAL &amp; CIVIL ENGINEERS</td>
<td>State System of Higher Education</td>
<td>State Related</td>
<td>Independent Colleges &amp; Universities</td>
</tr>
<tr>
<td>REGISTERED NURSES</td>
<td>State System of Higher Education</td>
<td>State Related</td>
<td>Independent Colleges &amp; Universities</td>
</tr>
<tr>
<td>ACCOUNTANTS &amp; AUDITORS</td>
<td>State System of Higher Education</td>
<td>State Related</td>
<td>Independent Colleges &amp; Universities</td>
</tr>
<tr>
<td>COMPUTER SYSTEMS ANALYSTS</td>
<td>State System of Higher Education</td>
<td>State Related</td>
<td>Independent Colleges &amp; Universities</td>
</tr>
<tr>
<td>COMPUTER PROGRAMMERS</td>
<td>State System of Higher Education</td>
<td>State Related</td>
<td>Independent Colleges &amp; Universities</td>
</tr>
</tbody>
</table>
Numerous studies have provided clear evidence of the economic value of a college degree. Individuals who graduate from college will earn more over their lifetimes than persons who gain only a high school diploma.

**MEDIAN EARNINGS OF PENNSYLVANIA WORKERS BY EDUCATION LEVEL**

<table>
<thead>
<tr>
<th>Education Level</th>
<th>Median Earnings</th>
</tr>
</thead>
<tbody>
<tr>
<td>All state residents with a bachelor's degree</td>
<td>$48,366</td>
</tr>
<tr>
<td>State residents with a bachelor's degree from a Pennsylvania independent college or university, 5 years after graduation</td>
<td>$48,131</td>
</tr>
<tr>
<td>State residents with an associate's degree</td>
<td>$37,422</td>
</tr>
<tr>
<td>State residents with a high school diploma</td>
<td>$30,754</td>
</tr>
</tbody>
</table>
Pennsylvania’s independent colleges and universities are a major driver of consumer spending in the Commonwealth.

STUDENT SPENDING.................. $1.8 BILLION
FACULTY & STAFF SPENDING... $5 BILLION
VISITOR SPENDING.................. $0.083 BILLION
Independent Colleges & Universities Continue to Create Stable, Long-Term Jobs

<table>
<thead>
<tr>
<th>Year</th>
<th>Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>62,875</td>
</tr>
<tr>
<td>2004</td>
<td>71,472</td>
</tr>
<tr>
<td>2009</td>
<td>79,213</td>
</tr>
</tbody>
</table>

ASSOCIATION OF INDEPENDENT COLLEGES & UNIVERSITIES OF PA
Taxpayer funds used for higher education need to be spent wisely and efficiently.

In 2010-11 (latest data available), it cost the Pennsylvania state taxpayer...

<table>
<thead>
<tr>
<th>Independent Colleges &amp; Universities</th>
<th>$2,752</th>
<th>Per Degree at a Pennsylvania private college or university</th>
</tr>
</thead>
<tbody>
<tr>
<td>State-Related &amp; State-Owned Institutions</td>
<td>$22,572</td>
<td>Per Degree at a PA state-owned or state-related university</td>
</tr>
</tbody>
</table>

TAXPAYER COST PER DEGREE

$0  $3,000  $6,000  $9,000  $12,000  $15,000  $18,000  $21,000  $24,000
PENNSYLVANIA’S INVESTMENT IN HIGHER EDUCATION, 2011-12

<table>
<thead>
<tr>
<th>SECTOR</th>
<th>STATE FUNDS</th>
<th>% OF TOTAL $</th>
<th>% OF PA ENROLL</th>
<th>% OF PA DEGREES</th>
</tr>
</thead>
<tbody>
<tr>
<td>INDEPENDENT COLLEGES &amp; UNIVERSITIES</td>
<td>$183,527,000</td>
<td>11%</td>
<td>41%</td>
<td>49%</td>
</tr>
<tr>
<td>STATE RELATED UNIVERSITIES</td>
<td>$631,240,000</td>
<td>39%</td>
<td>22%</td>
<td>26%</td>
</tr>
<tr>
<td>STATE SYSTEM OF HIGHER ED.</td>
<td>$512,547,000</td>
<td>32%</td>
<td>16%</td>
<td>16%</td>
</tr>
<tr>
<td>COMMUNITY COLLEGES</td>
<td>$288,858,000</td>
<td>18%</td>
<td>20%</td>
<td>9%</td>
</tr>
</tbody>
</table>

TOTAL PA INVESTMENT IN HIGHER EDUCATION  
$1,616,172,000

Note: PHEAA funds are distributed to the sectors according to the grants received by students in that sector. All Higher Education funds are included except for capital funds and other minor appropriations for which we cannot obtain a sector distribution. Some funds were transferred to DPW or Agriculture and are not included in this total.
Independent colleges and universities are the most efficient investment Pennsylvania can make in higher education.

<table>
<thead>
<tr>
<th>TOTAL IN PA</th>
<th>% OF PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Enrollment</td>
<td>296,722</td>
</tr>
<tr>
<td>Minority Enrollment</td>
<td>54,369</td>
</tr>
<tr>
<td>Non-Traditional, Undergraduate Enrollment</td>
<td>31,529</td>
</tr>
<tr>
<td>Bachelor’s Degrees</td>
<td>41,869</td>
</tr>
<tr>
<td>Advanced Degrees</td>
<td>29,034</td>
</tr>
<tr>
<td>Minority Bachelor’s Degrees</td>
<td>6,392</td>
</tr>
<tr>
<td>B.S. Degrees in Math, Science, &amp; Engineering</td>
<td>8,434</td>
</tr>
<tr>
<td>B.S. Degrees in Math, Science, &amp; Engineering Awarded to Minority Students</td>
<td>1,389</td>
</tr>
<tr>
<td>B.S. Degrees in Math, Science, &amp; Engineering Awarded to Women</td>
<td>3,619</td>
</tr>
</tbody>
</table>
HELPING MIDDLE INCOME FAMILIES

Students at all higher education institutions can benefit from a new initiative to target PHEAA grant assistance to those middle income families that struggle to pay for higher education.

AICUP supports legislation that would help families with incomes from $80,000 to $110,000. Lower income students receive assistance from the federal Pell grant and state PHEAA grant, but middle income students and their families receive little or no PHEAA grant funding.

ONLY 19% OF PHEAA APPLICANTS WITH INCOME BETWEEN $80,000 AND $110,000 RECEIVED A GRANT.

By supporting a stronger higher education marketplace, this legislation would encourage all colleges to compete on price and quality and make higher education more accessible for all. Recent research (see table below) shows middle income students end up with the most debt.

### STUDENT LOAN DEBT BY PARENTS’ INCOME

<table>
<thead>
<tr>
<th>PARENTS’ INCOME</th>
<th>MEAN DEBT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than $40,000</td>
<td>$8,230</td>
</tr>
<tr>
<td>$40,000-$59,999</td>
<td>$8,964</td>
</tr>
<tr>
<td>$60,000-$99,999</td>
<td>$10,760</td>
</tr>
<tr>
<td>$100,000-$149,000</td>
<td>$9,677</td>
</tr>
<tr>
<td>More than $150,000</td>
<td>$4,697</td>
</tr>
</tbody>
</table>

N=4414; Source: Robert Wood Johnson Foundation-Health Society & Scholars
Albright College, Reading
Allegheny College, Meadville
Alvernia University, Reading
Arcadia University, Glenside
Baptist Bible College & Seminary, Clarks Summit
Bryn Athyn College of the New Church, Bryn Athyn
Bryn Mawr College, Bryn Mawr
Bucknell University, Lewisburg
Cabrini College, Radnor
Cairn University, Langhorne
Carlow University, Pittsburgh
Carnegie Mellon University, Pittsburgh
Cedar Crest College, Allentown
Chatham University, Pittsburgh
Chestnut Hill College, Philadelphia
The Commonwealth Medical College, Scranton*
Cedar Crest College, Allentown
DeSales University, Center Valley
Dickinson College, Carlisle
Drexel University, Philadelphia
Duquesne University, Pittsburgh
Eastern University, St. Davids
Elizabethtown College, Elizabethtown
Franklin & Marshall College, Lancaster
Gannon University, Erie
Geneva College, Beaver Falls
Gettysburg College, Gettysburg
Gratz College, Melrose Park
Grove City College, Grove City
Gwynedd-Mercy College, Gwynedd Valley
Harcum College, Bryn Mawr
Harrisburg University of Science & Technology, Harrisburg
Haverford College, Haverford
Holy Family University, Philadelphia
Immaculata University, Immaculata
Johnson College, Scranton*
Juniata College, Huntingdon
Keystone College, La Plume
King’s College, Wilkes-Barre
La Roche College, Pittsburgh
La Salle University, Philadelphia
Lackawanna College, Scranton
Lafayette College, Easton
Lake Erie College of Osteopathic Medicine, Erie
Lancaster Bible College, Lancaster
Lancaster General College of Nursing & Health Sciences, Lancaster
Lebanon Valley College, Annville
Lehigh University, Bethlehem
Lycoming College, Williamsport
Manor College, Jenkintown
Marywood University, Scranton
Mercyhurst University, Erie
Messiah College, Grantham
Mishler College, Allentown
Mount Aloysius College, Cresson
Muhlenberg College, Allentown
Neumann University, Aston
Peirce College, Philadelphia
Pennsylvania College of Art & Design, Lancaster
Pennsylvania Institute of Technology, Media
Philadelphia College of Osteopathic Medicine, Philadelphia
Philadelphia University, Philadelphia
Point Park University, Pittsburgh
Robert Morris University, Moon Twp.
Rosemont College, Rosemont
Saint Francis University, Loretto
Saint Joseph’s University, Philadelphia
Saint Vincent College, Latrobe
Seton Hill University, Greensburg
Susquehanna University, Selinsgrove
Swarthmore College, Swarthmore
Thiel College, Greenville
The University of the Arts, Philadelphia
University of Pennsylvania, Philadelphia
University of the Sciences, Philadelphia
The University of Scranton, Scranton
Ursinus College, Collegeville
Valley Forge Military College, Wayne
Villanova University, Villanova
Washington & Jefferson College, Washington
Waynesburg University, Waynesburg
Westminster College, New Wilmington
Widener University, Chester
Wilkes University, Wilkes-Barre
Wilson College, Chambersburg
York College of Pennsylvania, York

* denotes associate membership