Dashboard Considerations and Categories

- Institutional Metrics and Rankings
- Penn State Foundations
- Outcomes of Initiatives
Rankings – Quality Indicators

Full list at http://www.psu.edu/this-is-penn-state/rankings

- Top 1% in the world (Academic Ranking of World Universities)
- **U.S. News and World Report**
  - No. 52 among national universities; 14 among publics
  - No. 1 in A+ Schools for B Students
  - 18 graduate programs in the top 10
  - No. 8 (tied) for best online bachelor’s programs; No. 9 graduate
- World Campus in *Military Times’* top 10 “military-friendly schools”
- No. 1 in disciplines in Top 10 of research funding (15)
Students – from Application to Graduation

- Enrollment
- PA Application Rates
- PA Yield
- International
- Pell Numbers
- Retention Rates
- Course Size
- Student/Faculty Ratios
- Graduation Rates
- Debt
Undergraduate and Graduate Enrollment

University-wide*

University Park

Commonwealth Campuses

Word Campus

*Does not include Penn College
World Campus Headcount and Enrollments

RI = Resident Instruction, includes students with a non-World Campus home campus. Budget Academic Year = Summer, Fall, Spring (in that order) *17/18 data as of 4/27/18.

Includes graduate/undergraduate degree-seeking, non-degree and certificate students. Headcount is unduplicated; course enrollments include multiple courses per year per student.
PA Student Application Rates (estimated)

Estimated Percentage of PA High School Graduates among PSU Applicants

19.0% 19.1% 19.4% 19.0% 18.8% 18.0% 19.8% 20.3% 19.7% 19.2%

PA Student Yield Rates

Yield Rate of Undergraduate Degree-Seeking Applicants With PA Residency - University-Wide excluding World Campus

2008: 50%
2009: 48%
2010: 48%
2011: 47%
2012: 46%
2013: 51%
2014: 48%
2015: 45%
2016: 47%
2017: 46%
International Students at Penn State

Number of International Students by Level - University-Wide

- Undergraduate
- Graduate

Fall 2008: 4011 Undergraduate, 2479 Graduate
Fall 2009: 4421 Undergraduate, 2474 Graduate
Fall 2010: 4985 Undergraduate, 2558 Graduate
Fall 2011: 5645 Undergraduate, 2529 Graduate
Fall 2012: 3823 Undergraduate, 2781 Graduate
Fall 2013: 4666 Undergraduate, 2950 Graduate
Fall 2014: 5471 Undergraduate, 3079 Graduate
Fall 2015: 6688 Undergraduate, 3246 Graduate
Fall 2016: 7024 Undergraduate, 3218 Graduate
Fall 2017: 7024 Undergraduate, 3136 Graduate

PennState
Course Section Size

Percent of Course Section by Size - University Park

<table>
<thead>
<tr>
<th>Year</th>
<th>Fewer than 20 students</th>
<th>20-49 students</th>
<th>50 or more students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>18%</td>
<td>52%</td>
<td>30%</td>
</tr>
<tr>
<td>2009</td>
<td>17%</td>
<td>50%</td>
<td>33%</td>
</tr>
<tr>
<td>2010</td>
<td>18%</td>
<td>50%</td>
<td>32%</td>
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<tr>
<td>2011</td>
<td>19%</td>
<td>46%</td>
<td>30%</td>
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<tr>
<td>2012</td>
<td>15%</td>
<td>47%</td>
<td>15%</td>
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<tr>
<td>2013</td>
<td>15%</td>
<td>46%</td>
<td>15%</td>
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<tr>
<td>2014</td>
<td>15%</td>
<td>13%</td>
<td>15%</td>
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<tr>
<td>2015</td>
<td>13%</td>
<td>44%</td>
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<td>2016</td>
<td>15%</td>
<td>47%</td>
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<tr>
<td>2017</td>
<td>15%</td>
<td>46%</td>
<td>15%</td>
</tr>
<tr>
<td>2018</td>
<td>19%</td>
<td>53%</td>
<td>19%</td>
</tr>
</tbody>
</table>
Student to Faculty Ratio

- University Park:
  - 2012: 16.8
  - 2013: 17
  - 2014: 16.2
  - 2015: 15.9
  - 2016: 15.9
  - 2017: 16.2

- Commonwealth Campuses:
  - 2012: 15.1
  - 2013: 15.1
  - 2014: 14.9
  - 2015: 14.6
  - 2016: 14.6
  - 2017: 14.6
Six-Year Graduation Rate: Actual vs. Predicted
(U.S. News and World Report)

![Graph showing actual vs. predicted graduation rates over six years. The actual graduation rate is consistently high, around 90%, while the predicted graduation rate fluctuates but remains significantly lower, around 60%.](image)
Average Loan Debt at Graduation

Average Loan Debt for Graduating Students (Baccalaureate) with Loans

Out-of-state students

All students

In-state students

In-state average = $35,543
Out-of-state = $40,329
Diversity and Inclusion

• Percentage of Minority Faculty
• Percentage of Minority Staff/Administrators
• Minority Student Graduation Rates
• Student Sense of Belonging and Safety
Percentage of Minority Faculty Members

Full-Time Minority Faculty - University-Wide

Note: A new data collection method was implemented in 2010 for race/ethnicity. International faculty became a distinct category, and are now counted separately from other race/ethnicity categories.
Percentage of Minority Staff/Administrators

Note: A new data collection method was implemented in 2010 for race/ethnicity. International staff became a distinct category, and are now counted separately from other race/ethnicity categories.

* Other: American Indian/Alaska Native, Native Hawaiian/Pacific Island, Two/More Races, International
Minority Student Graduation Rates

Six-Year Graduation Rate by Race/Ethnicity - University-wide

- Hispanic
- Asian
- Black
- Two or more*
- White
- Undeclared*

*Not reported prior to 2009 cohort
Students’ Sense of Belonging and Safety

**Sense of Belonging - Undergraduate Students, University-wide**

- Percent of students that rate their sense of belonging as a "4" or a "5" on a 5-pt. scale where 5 is the highest sense of belonging.

**Sense of Safety/Security - Undergraduate Students, University-wide**

- Percent of students that rate their sense of safety as a "4" or a "5" on a 5-pt. scale where 5 is the highest sense of safety.

*URM: Underrepresented Minorities*
Financial Health

- Moody’s Ratings
- Financial Stability
Moody's Aa1 Median not yet available for 2016-17; Total Cash & Investments to Total Debt, and Total Cash & Investments to Total Operations not provided by Moody's prior to 2010-11.
Moody's Aa1 Median not yet available for 2016-17. Moody's adjusts operating margins of all institutions from year to year to "smooth" for cyclical factors, such as long term investment returns.
Alumni Engagement

- Alumni Association Members
- Average Attendance Athletics
- Fundraising
Alumni Engagement

Number of Paid Alumni Association Members

- 2008: 160,742
- 2009: 161,234
- 2010: 164,658
- 2011: 165,182
- 2012: 169,209
- 2013: 172,732
- 2014: 174,379
- 2015: 177,307
- 2016: 176,427
Average Attendance at Athletic Events

Average Sporting Event Attendance for Football and Other Sports

- **Football**
- **Other sports combined**

<table>
<thead>
<tr>
<th>Year</th>
<th>Football</th>
<th>Other sports combined</th>
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</thead>
<tbody>
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<td>08-09</td>
<td>108,254</td>
<td>18,185</td>
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<td>09-10</td>
<td>107,008</td>
<td>20,029</td>
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<td>10-11</td>
<td>104,234</td>
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<td>11-12</td>
<td>101,427</td>
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<td>27,318</td>
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<tr>
<td>17-18</td>
<td>106,707</td>
<td>27,791</td>
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</tbody>
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Fundraising

Annual Commitments (millions)

Endowment & Similar Funds (billions)
Research Enterprise

• Sources of Funds
Examples of Initiatives

- Invent Penn State
- Sustainability
Invent Penn State

21 LaunchBoxes across the state

First reporting year (2016-17) – with only 5 hubs open the full year:

• 2,500+ faculty, staff and students engaged in entrepreneurial activity.
• 100s of community entrepreneurs were supported.
• 80 new products were developed.
• 79 startups were launched.
• 110 student internships were created.

2nd annual IP Conference and Fair

• 611 attendees
• 80+ startups in Venture Connection
• 40+ VCs in Venture Connection
Number of Disclosures, Patents, Licenses and Startups

Total disclosures of inventions
Licenses and options executed
Number of patents issued
Startup companies (Licensed PSU tech)
LaunchBox Startups

PennState
Sustainability on our Campuses

- Reduced campus greenhouse gas emissions by 18% since 2005; set an ambitious new reduction goal of 35% by 2020.
- Ongoing programs have saved or avoided energy costs in excess of $62M since 2003.
- Energy procurement strategies save $11.8M annually.
- Additional strategies at: sustainability.psu.edu
Summary and Next Steps

- Continue to develop Institutional Dashboard Metrics.
- Use metrics to assess the performance and success of the University; promote transparency; and identify trends.
- Group metrics around strategic goals.
- Consider quantitative vs. qualitative metrics/survey data.
Discussion