University Metrics

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Data Resource Analyst
University Metrics

University metrics provide snapshot overviews of various university level data points. In addition to a general overview, the following are also included:
- Global and national rankings;
- Student data regarding entering class, persistence, and graduation;
- Financial aid information such as number of students receiving Pell, net price, cost of attendance, and loan default rates; and
- An overview of MSU's budget and efficiency measures.

About Institutional Studies

Institutional Studies (IS) provides timely and accurate data and analysis to inform university decision making. Contextually relevant information is drawn from student, instructional, human resource, research, and financial data. Current and historical data are used to assist internal planning and assessment and to meet mandated federal and state requirements. As a campus resource, IS supports data quality, integrity, and appropriate use.

Learn More
Visit the Institutional Studies website at:
https://opb.msu.edu/functions/institution

Contact
For questions or to discuss ad hoc data requests or analysis, contact:
isdata@msu.edu

Production and design
Jacqui Broughton

Data Sources Include
MSU Career Services Network
MSU Center for Service-Learning and Civic Engagement
MSU Office for Education Abroad
MSU Office of Financial Aid
Michigan State University maintains its standing as one of the world’s top 100 universities. As Michigan’s land-grant university, MSU’s impact reaches across the state and throughout the world. MSU welcomes students from all 83 Michigan counties, all 50 states, and more than 130 countries.

**Top Ranked Programs**
8 programs ranked #1 nationwide and 31 graduate & undergraduate programs/schools ranked in the top 25 nationwide. (U.S. News & World Report)

1. Supply Chain (Undergraduate & Graduate)
2. Higher Education Administration
3. African History
4. Elementary Teacher Education
5. Secondary Teacher Education
6. Industrial/Organizational Psychology
7. Rehabilitation Counseling
8. Nuclear Physics

**2011 Entering Class Graduation Outcomes**
91 percent of students starting at MSU in Fall 2011 either graduated from MSU (79%), graduated from another institution (6%), remain enrolled at MSU (3%), or are enrolled elsewhere (3%). The remaining 9 percent of students had no further enrollments found which may indicate, for international students, returning to their home country.

<table>
<thead>
<tr>
<th>Educational Opportunity for Students</th>
<th>Outreach &amp; Learning Beyond the Classroom</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>167.4%</strong> increase in student assistance from MSU’s General Fund between FY07 to FY17</td>
<td><strong>32,223</strong> students participated in service learning and/or community service in the 2016-17 academic year</td>
</tr>
<tr>
<td><strong>8,525</strong> students received a Pell grant during the 2016-17 academic year. The average amount was $4,581.</td>
<td><strong>76%</strong> of graduates participated in an internship over the course of their academic career</td>
</tr>
<tr>
<td><strong>64%</strong> of 2016 graduates with employment were employed in Michigan</td>
<td><strong>2 in 9</strong> students in the 2016 graduating class participated in at least one education abroad program</td>
</tr>
<tr>
<td><strong>3.5%</strong> of MSU graduates default on student loans. This has been declining from a high of 5.9% in 2012-13 &amp; is lower than the national average of 11.5%</td>
<td><strong>35%</strong> of faculty &amp; academic staff engage in outreach research or creative activities outside of the classroom</td>
</tr>
</tbody>
</table>

**University Efficiency**
- **$40** million in total savings since FY09 due to conservation & plant efficiency efforts
- MSU is more efficient than the Big Ten by operating with 3.9 students per employee. The Big Ten average is 2.8.
- **1973**: Eliminated defined benefit retirement program & initiates defined contribution
- **2005**: Eliminated funded post-retirement healthcare for dependents of new employees
- **2010**: Eliminated funded post-retirement healthcare for new employees

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Institutional Studies
Office of Planning and Budgets
MICHIGAN STATE UNIVERSITY
University Rankings

Global Rankings

81 U.S. News & World Report 2018 Best Global Universities

83 Times Higher Education (London) World University Rankings, 2018

Programs ranked in the top 25 globally

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Sciences</td>
<td>11</td>
<td>8</td>
<td></td>
<td>17</td>
</tr>
<tr>
<td>Agriculture &amp; Forestry</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication &amp; Media Studies</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td>9</td>
<td>24</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Hospitality &amp; Leisure Management</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Library &amp; Information Sciences</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plant &amp; Animal Science</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td></td>
<td>24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Veterinary Science</td>
<td>15</td>
<td>11</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

National Rankings

9 programs ranked #1 nationwide and 30 graduate and undergraduate programs/schools ranked in the top 25 nationwide.

#1
Supply Chain**
African History*
Elementary Teacher Education*
Higher Education Administration*

Secondary Teacher Education*
Industrial/Organizational Psychology*
Rehabilitation Counseling*
Nuclear Physics*

Ranked 2-10

Educational Administration & Supervision*
Educational Psychology*
Curriculum & Instruction*
Education Policy*

Production/Operations*
Criminology*
Online Criminal Justice* (2018)

Ranked 11-25

Accounting Management
International Business** Marketing*
Online Business (excludes MBA)* (2018)
Student Counseling (School Psychology)

Best Education Schools*
Special Education*
Biological/Agricultural Engineering**
Econometrics*
Veterinary Medicine*
Online Nursing* (2018)

2019 unless otherwise noted.
*Indicates graduate program
**Indicates both graduate & undergraduate programs

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2017 Undergraduate Student Snapshot

Fall 2017 Entering Class
The entering class consists of 8,108 students. (includes first time Summer undergraduates)

- 36,143 applications received
- 25,860 71.5% of applicants were admitted (Admit Ratio)
- 8,066 31.2% of those admitted enrolled for the first time in Fall 2017 (Yield)

In-State Enrollment
- 72.3% are from Michigan

Students of Color
- Nearly 1 in every 4 domestic students are students of color

Pell Grant
- 20.7% receive a Pell Grant

First Generation (FAFSA)
- 9.9% are first generation students

Undergraduate Overview
There are a total of 50,019 students, 77.9% are undergraduates. Between 2007 and 2017, undergraduate enrollment increased 8.1%.

- 2007: 36,072
- 2017: 38,996

Persistence
The percentage of first time, full-time undergraduate students in the fall 2016 entering cohort returning for their first fall semester after their original enrollment in fall 2017 is comparable fall 2012 entering class rates.

- 2012: 90.5%
- 2013: 91.6%
- 2014: 92.3%
- 2015: 91.5%
- 2016: 91.0%

Graduation
The 2017 6-year graduation rate (2011 entering cohort) of 79% is an increase from both the 2015 (2009 entering cohort) and 2016 (2010 entering cohort) rates but remains short of the 82% graduation rate goal.

- 2007: 77%
- 2008: 79%
- 2009: 77%
- 2010: 78%
- 2011: 79%

Graduate Outcomes
91% of 2016 graduates surveyed were employed or continuing their education within 6 months of graduation.

- Employed, 64%
- Continuing education, 27%
- Unplaced or unresolved, 6%
- Starting a business or other, 3%
Financial Aid
Total support for student assistance increased 59.2% between FY07 and FY17, moving from $437.4 million to $696.2 million (not adjusted for inflation).

<table>
<thead>
<tr>
<th>Source</th>
<th>FY07 (in millions not adjusted for inflation)</th>
<th>FY17 (in millions not adjusted for inflation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSU General Fund</td>
<td>$54.3</td>
<td>$145.2</td>
</tr>
<tr>
<td>Federal</td>
<td>$255.6</td>
<td>$466.9</td>
</tr>
<tr>
<td>MSU Non-General Fund</td>
<td>$33.2</td>
<td>$51.4</td>
</tr>
<tr>
<td>Non-Governmental Loans &amp; External Awards</td>
<td>$44.5</td>
<td>$28.6</td>
</tr>
<tr>
<td>State of Michigan</td>
<td>$49.8</td>
<td>$4.1</td>
</tr>
</tbody>
</table>

Undergraduate Financial Aid
In Fall 2016, the average in-state net price was $16,684.

- **Number of students**
  - 8,525 students received a Pell grant
  - 16,791 students received federal student loans

- **Students receiving aid as a percentage of all undergraduates**
  - 22% received a Pell grant
  - 43% received federal student loans

- **Average amount of aid awarded**
  - $4,581
  - $39.1 million annually
  - $6,890
  - $115.7 million annually

Cost of Attendance and Net Price
**Average Net Price as a Percentage of Average Cost of Attendance by Income**
The cost of attendance (includes tuition, fees, books/supplies, room and board, and other expenses) was $27,290 for in-state students in the 2016-17 academic year. Net price is the cost of attendance less federal, state, local, or institutional grants or scholarships and does not include private grants or scholarships, loans, or Federal Work Study amounts.

Student Debt & Repayment
**Undergraduates with Student Loans**
The percent of undergraduate students taking out student loans has increased slightly over the last 5 years but remains below 50%. The average loan debt for graduating seniors is $32,310.

**Cohort Default Rate**
While the percentage of MSU’s students with student loans has increased, the default rate continues to decline and is currently 3.5%, which is significantly lower than the national average of 11.5% (FY14, most recent year available).

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Budget Snapshot

FY17 All Funds Budget
FY 2017 All Funds Revenue = $2,953,000,000

<table>
<thead>
<tr>
<th>All Funds Revenue Sources</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Fees</td>
<td>29.0%</td>
</tr>
<tr>
<td>Sponsored Programs</td>
<td>16.4%</td>
</tr>
<tr>
<td>Investment Income</td>
<td>13.3%</td>
</tr>
<tr>
<td>Auxiliary Activities</td>
<td>12.1%</td>
</tr>
<tr>
<td>State Appropriation</td>
<td>9.1%</td>
</tr>
<tr>
<td>Departmental Activities</td>
<td>9.1%</td>
</tr>
<tr>
<td>University Advancement</td>
<td>8.6%</td>
</tr>
<tr>
<td>AgBio Research/MSU Extension</td>
<td>2.1%</td>
</tr>
<tr>
<td>Other</td>
<td>0.3%</td>
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</table>

FY 2017 All Funds Expenditures = $2,472,572,000

<table>
<thead>
<tr>
<th>All Funds Expenditures</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic and Related Services</td>
<td>66.1%</td>
</tr>
<tr>
<td>Physical Plant Ops, Institutional Support, &amp; Depreciation</td>
<td>17.0%</td>
</tr>
<tr>
<td>Auxiliary Enterprises</td>
<td>14.0%</td>
</tr>
<tr>
<td>Scholarships &amp; Fellowships</td>
<td>1.6%</td>
</tr>
<tr>
<td>Other</td>
<td>1.3%</td>
</tr>
</tbody>
</table>

2 out of every 3 dollars of university revenue directly supports academic activities including: instruction, academic support, research, student services, and public service.

FY18 General Fund Budget
FY 2018 All Funds Revenue = $1,362,100,000

<table>
<thead>
<tr>
<th>General Fund Revenue Sources</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Fees</td>
<td>72.2%</td>
</tr>
<tr>
<td>State Appropriation</td>
<td>20.6%</td>
</tr>
<tr>
<td>Indirect Cost Recovery</td>
<td>4.8%</td>
</tr>
<tr>
<td>Investment Income</td>
<td>2.1%</td>
</tr>
<tr>
<td>Other</td>
<td>0.3%</td>
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General Fund Expenditures

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<td>Physical Plant Ops, Institutional Support, &amp; Depreciation</td>
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</tr>
<tr>
<td>Scholarships &amp; Fellowships</td>
<td>10.8%</td>
</tr>
</tbody>
</table>

The General Fund does not directly support:
- Athletics
- MSU HealthTeam
- Housing

State Support for Higher Education

-6.2%

While state appropriations for higher education have increased in recent years, when compared to FY08, Michigan ranks 40th out of 50 states for rate of change in state support for higher education with the FY18 appropriation 6.2% below the FY08 appropriation.

Per Pupil State Appropriation

- MSU’s per student state appropriation declined nearly 12 percent between FY07 and FY17 to $6,003.

Measures of Efficiency

Students Per Employee

MSU functions with more FTE students (fall 2016 enrollment) per total FTE staff than the Big Ten average. Additionally, MSU ranks 5th out of 14 Big Ten schools for the number of students per employee.

Cost Containment Measures

Efficiency incentive pool

$55 million

Ten year total of reallocations through efficiency incentive pool.

Purchasing agreements

$50 million

Total cost avoidance over 7 years due to improved purchasing agreements.

Conservation measures & plant efficiency

$40 million

Total savings since FY09 due to conservation and plant efficiency efforts.

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