

University System of Maryland



Dashboard Indicators 2015

**Board of Regents
Committee on Finance
March 31, 2016**

Office of the Chief Operating Officer/
Vice Chancellor for Administration & Finance

2015 USM Dashboard Indicators

Key Indicators

The 2015 Dashboard Indicators provides a “snapshot” overview of the USM and its institutions. It brings together data from many USM reports and data sets. The indicators noted below were selected to highlight specific trends and challenges drawn from the Dashboards.

Effectiveness and Efficiency Indicators

- **Faculty Workload** – Core faculty (including Tenure/Tenure-track and Full-time Non-tenure track) did not teach as many classes in FY 2015. 7 of 9 institutions performed below Regents’ expectations for the year. This was not the result of consolidation of classes as credit hour production also fell in 2015.

Fiscal Indicators

- **Facilities Renewal** – For a second straight year, no USM institution met the Board of Regents’ policy goal for facilities renewal at two percent of replacement, and only two institutions were able to maintain or improve their performance at all. This reflects a growing crisis on campuses in the maintenance of the campus infrastructure.
- **Fund Balance** – For the first time in 3 years, all of the USM institutions successfully met their goals to increase their fund balance. The USM as a whole was also successful in meeting its fund balance goal.
- **New Peers** – This year’s Dashboards marked the first use of “competitor state” peers for USM institutions as approved by the chancellor and submitted to MHEC. Although the change in peers did not substantially impact performance against benchmarks in most instances, there were instances where fiscal indicators were affected. This is most evident in performance against Funding Guideline where 6-8 of the institutions moved substantially in their attainment based in part on the change in peers.

Access, Affordability and Attainment Indicators

Maryland Community College Transfers – After an unexpected dip in Maryland Community College transfers to USM in FY 2014, the number of transfers enrolled returned to an upward trajectory. The number rose by 400 overall, with 7 of 10 institutions seeing increases, including Bowie, Frostburg, and UB (all of which are seeking to increase transfer enrollment) and UMUC, which grew by nearly 500 transfers.

Economic Development Indicators

- **Upper Division STEM Enrollment** – This measure is a leading indicator of progress on the State’s and the USM’s commitments to increase Science, Technology, Engineering, and Math (STEM) degrees. From Fall 2014 to Fall 2015 this figure rose by nearly 600 students. Although this rate of increase remained very positive, it represented a significant slowing from average increases of 1,500 students a year over the preceding 3 years. This will translate into some slowing in the growth in STEM degrees awarded in the next 2 to 4 years.

Summary of 2016 Core Dashboard Indicators

As of 3/24/2016

Note: Data are the most recent available for any given indicator. Years are not the same for all indicators.

| # | Indicator | UMCP | UMBC | UMB | BSU | CSU | FSU | SU | TU | UB | UMES | UMUC | UMCES | System |
|----|--|-----------|-----------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1 | Average SAT | 1306 | 1210 | | 874 | 895 | 969 | 1160 | 1087 | | 844 | | | |
| 2 | 6-year graduation rate | 85% | 61% | | 33% | 18% | 49% | 66% | 68% | | 37% | | | 63% |
| 3 | 2nd-year retention rate | 95% | 87% | | 72% | 65% | 75% | 82% | 86% | 73% | 70% | | | 74% |
| 4 | Afr.-Amer., Hispan., & Native Amer. as % of total undergraduates | 22% | 22% | | 90% | 85% | 34% | 17% | 22% | 53% | 75% | 50% | | 33% |
| 5 | % of applicants who were admitted (new freshmen & transfer students) | 47% | 63% | | 60% | 39% | 66% | 64% | 67% | 67% | 51% | | | |
| 6 | MD community college transfers | 2142 | 1350 | | 419 | 186 | 564 | 847 | 1937 | 651 | 152 | 3075 | | 11603 |
| 7 | Resident undergrad tuition & fees | \$9,996 | \$11,006 | | \$7,657 | \$6,362 | \$8,488 | \$9,086 | \$9,182 | \$8,326 | \$7,625 | \$7,146 | | \$9,389 |
| 8 | % of undergraduates receiving financial aid | 67% | 69% | | 86% | 92% | 80% | 76% | 71% | 86% | 87% | 51% | | |
| 9 | Average undergraduate debt burden upon graduation | \$25,131 | \$25,831 | | \$30,300 | NA | \$24,916 | \$24,567 | \$25,936 | \$23,627 | \$20,375 | | | |
| 10 | Average alumni giving rate | 6.6% | 3.6% | | 5.7% | 9.6% | 4.7% | 6.4% | 3.8% | 5.0% | 3.3% | 1.8% | | |
| 21 | Average faculty salary | \$125,559 | \$96,271 | | \$75,770 | \$73,809 | \$76,281 | \$79,589 | \$79,751 | | \$70,881 | | | |
| 22 | Faculty salary %ile | 95 | 73 | | 71 | 67 | 57 | 70 | 73 | | 68 | | | 81 |
| 23 | Awards per 100 full-time faculty (5yrs.) | 4.9 | 2.9 | | | | | | | | | | | |
| 24 | Student to faculty ratio (X FTE students per 1 FTE faculty) | 18 | 19 | 7 | 16 | 14 | 15 | 16 | 17 | 15 | 14 | | | |
| 31 | Total R&D expenditure per full-time faculty | \$334,681 | \$160,823 | \$226,765* | | | | | | | \$54,442 | | | |
| 32 | U.S. Patents issued | 35 | 7 | 28 | | | | | | | | | | 70 |
| 33 | Adjusted gross license income received | \$727,424 | \$284,153 | \$1,120,101 | | | | | | | | | | |
| 34 | Licenses & options executed | 21 | 1 | 30 | | | | | | | | | | 52 |
| 35 | Upper division STEM enrollment | 6201 | 3745 | | 294 | 120 | 399 | 641 | 1672 | 287 | 369 | 6989 | | 20717 |
| 38 | Number of start-up companies | 103 | 4 | 15 | | | 3 | 15 | 0 | 1 | 0 | | | 141 |
| 41 | Expenditures for instruction as % of total operating expenditures | 32% | 34% | 25% | 38% | 35% | 38% | 45% | 38% | 40% | 39% | 29% | | |
| 42 | Expenditures for administration as % of total operating expenditures | 8% | 11% | 9% | 18% | 25% | 15% | 14% | 14% | 21% | 13% | 14% | | |
| 43 | Fund balance increase: goal achieved | Met goal | Met goal | Met goal | Met goal | Met goal | Met goal | Met goal | Met goal | Met goal | Met goal | Met goal | Met goal | Met goal |
| 44 | % of fundraising goal achieved | 145% | 199% | 96% | 113% | 103% | 109% | 103% | 99% | 107% | 95% | 52% | 95% | |
| 51 | Classroom utilization rate | 71% | 62% | | 64% | NA | 55% | 68% | 63% | 52% | 69% | | | 65% |
| 52 | Facilities renewal \$ as % of replacement value | 1.2% | 0.8% | 0.5% | 1.6% | 0.2% | 0.4% | 1.7% | 1.4% | 1.4% | 0.2% | | 0.3% | 0.9% |
| 53 | % of undergrad credits from non-traditional method | 21.0% | 18.3% | | 12.7% | 16.3% | 21.6% | 17.9% | 11.1% | | 14.8% | | | 16.9% |
| 54 | Time to degree (Semesters) | 4.1 | 4.3 | | 4.8 | 5.8 | 3.7 | 4.0 | 4.0 | | 4.9 | | | 4.2 |
| 55 | Teaching workload: courses per FTE faculty | 5.4 | 7.2 | | 7.3 | 8.1 | 7.4 | 7.1 | 7.1 | 6.9 | 7.2 | | | |

*Includes only medical school faculty

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Is performance IMPROVING on the Dashboard Indicators?*

● Same or better ● Worse

As of 3/24/2016

| | # | Indicator | UMCP | UMBC | UMB | BSU | CSU | FSU | SU | TU | UB | UMES | UMUC | UMCES |
|--|----|--|------|------|-----|-----|-----|-----|----|----|----|------|------|-------|
| Student: Access, Affordability, and Attainment | 1 | Average SAT | ● | ● | | ● | ● | ● | ● | ● | | ● | | |
| | 2 | 6-year graduation rate | ● | ● | | ● | ● | ● | ● | ● | | ● | | |
| | 3 | 2nd-year retention rate | ● | ● | | ● | ● | ● | ● | ● | ● | ● | | |
| | 4 | Afr.-Amer., Hispan., & Native Amer. as % of total undergraduates | ● | ● | | | | ● | ● | ● | ● | | | ● |
| | 5 | % of applicants who were admitted (new freshmen & transfer students) | | | | | | | | | | | | |
| | 6 | MD community college transfers | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | 7 | Resident undergrad tuition & fees | | | | | | | | | | | | |
| | 8 | % of undergraduates receiving financial aid | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | 9 | Average undergraduate debt burden upon graduation | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | 10 | Average alumni giving rate | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Faculty | 21 | Average faculty salary | ● | ● | | ● | ● | ● | ● | ● | | ● | | |
| | 22 | Faculty salary %ile | ● | ● | | ● | ● | ● | ● | ● | | ● | | |
| | 23 | Awards per 100 full-time faculty (5yrs.) | ● | ● | | ● | ● | ● | ● | ● | | ● | | |
| | 24 | Student to faculty ratio (X FTE students per 1 FTE faculty) | ● | ● | | ● | ● | ● | ● | ● | ● | ● | | |
| Economic & Workforce Developmt. | 31 | Total R&D expenditure per full-time faculty | ● | ● | ● | | | | | | | ● | | |
| | 32 | U.S. Patents issued | ● | ● | ● | | | | | | | | | |
| | 33 | Adjusted gross license income received | ● | ● | ● | | | | | | | | | |
| | 34 | Licenses & options executed | ● | ● | ● | | | | | | | | | |
| | 35 | Upper division STEM enrollment | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | 38 | Number of start-up companies | ● | ● | ● | | | ● | ● | ● | ● | ● | ● | ● |
| Stewardship | 41 | Expenditures for instruction as % of total operating expenditures | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | 42 | Expenditures for administration as % of total operating expenditures | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | 43 | Fund balance increase: goal achieved | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | 44 | % of fundraising goal achieved | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Effectiveness & Efficiency | 51 | Classroom utilization rate | ● | ● | | ● | ● | ● | ● | ● | ● | ● | | |
| | 52 | Facilities renewal \$ as % of replacement value | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | ● |
| | 53 | % of undergrad credits from non-traditional methods | ● | ● | | ● | ● | ● | ● | ● | | ● | | |
| | 54 | Time to degree (Semesters) | ● | ● | | ● | ● | ● | ● | ● | | ● | | |
| | 55 | Teaching workload: courses per FTE faculty | ● | ● | | ● | ● | ● | ● | ● | ● | ● | | |

Improved/Same

Worse

| | | | | | | | | | | | |
|----|----|---|----|----|----|----|----|----|----|---|---|
| 25 | 20 | 9 | 14 | 14 | 15 | 18 | 14 | 12 | 16 | 7 | 2 |
| 2 | 7 | 2 | 6 | 4 | 7 | 4 | 8 | 3 | 6 | 2 | 1 |

* The most recent year compared with the average of previous 3 years.

Is performance ADEQUATE on the Dashboard Indicators?

● Same or better ● Worse

As of 3/24/2016

| | # | Indicator | UMCP | UMBC | UMB | BSU | CSU | FSU | SU | TU | UB | UMES | UMUC | UMCES |
|--|----|--|------|------|-----|-----|-----|-----|----|----|----|------|------|-------|
| Student: Access, Affordability, and Attainment | 1 | Average SAT | ● | ● | | ● | ● | ● | ● | ● | | ● | | |
| | 2 | 6-year graduation rate | ● | ● | | ● | ● | ● | ● | ● | | ● | | |
| | 3 | 2nd-year retention rate | ● | ● | | ● | ● | ● | ● | ● | ● | ● | | |
| | 4 | Afr.-Amer., Hispan., & Native Amer. as % of total undergraduates | ● | ● | | | | ● | ● | ● | ● | | | ● |
| | 5 | % of applicants who were admitted (new freshmen & transfer students) | | | | | | | | | | | | |
| | 6 | MD community college transfers | | ● | | ● | ● | ● | ● | ● | ● | | ● | ● |
| | 7 | Resident undergrad tuition & fees | | | | | | | | | | | | |
| | 8 | % of undergraduates receiving financial aid | | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | 9 | Average undergraduate debt burden upon graduation | ● | ● | | ● | | ● | ● | ● | ● | ● | ● | |
| | 10 | Average alumni giving rate | | | | | | | | | | | | |
| Faculty | 21 | Average faculty salary | ● | ● | | ● | ● | ● | ● | ● | | ● | | |
| | 22 | Faculty salary %ile | ● | ● | | ● | ● | ● | ● | ● | | ● | | |
| | 23 | Awards per 100 full-time faculty (5yrs.) | | | | | | | | | | | | |
| | 24 | Student to faculty ratio (X FTE students per 1 FTE faculty) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | |
| Economic & Workforce Developmt. | 31 | Total R&D expenditure per full-time faculty | ● | ● | ● | | | | | | | ● | | |
| | 32 | U.S. Patents issued | | | ● | | | | | | | | | |
| | 33 | Adjusted gross license income received | | | ● | | | | | | | | | |
| | 34 | Licenses & options executed | | | | | | | | | | | | |
| | 35 | Upper division STEM enrollment | | | | | | | | | | | | |
| | 38 | Number of start-up companies | | | | | | | | | | | | |
| Stewardship | 41 | Expenditures for instruction as % of total operating expenditures | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | 42 | Expenditures for administration as % of total operating expenditures | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | 43 | Fund balance increase: goal achieved | | | | | | | | | | | | |
| | 44 | % of fundraising goal achieved | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Effectiveness & Efficiency | 51 | Classroom utilization rate | ● | ● | | ● | | ● | ● | ● | | ● | | |
| | 52 | Facilities renewal \$ as % of replacement value | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | ● |
| | 53 | % of undergrad credits from non-traditional methods | ● | ● | | ● | ● | ● | ● | ● | | ● | | |
| | 54 | Time to degree (Semesters) | | | | | | | | | | | | |
| | 55 | Teaching workload: courses per FTE faculty | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | |

| | | | | | | | | | | | | |
|-------------------------|----|----|---|----|---|----|----|----|---|----|---|---|
| Meets benchmark | 11 | 10 | 3 | 6 | 6 | 11 | 14 | 11 | 6 | 7 | 4 | 0 |
| Does not meet benchmark | 5 | 8 | 5 | 10 | 8 | 6 | 3 | 6 | 4 | 10 | 2 | 2 |

University System of Maryland

Dashboard Indicators, March 2016

As of 3/24/2016

N = National standards based upon weighted average of 4-year public universities

Student: Access, Affordability, and Attainment

| Year | S2 | S3 | S4 | S6 | S7 | S11 | S12 | S13 |
|-----------|------------------------|-------------------------|--|----------------------------|--|---|--|---|
| | 6-year graduation rate | 2nd year retention rate | Afr.-Amer. Hispan., Nat. Amer. as % of UGs | MD comm. college transfers | Average weighted resident UG tuition & fees (Yr. beginning) chg. | % of Maryland market share (Public/Private/CCs) | Institutional financial aid for undergrads as % of undergrad tuition revenue | Institutional financial aid for undergraduate students (millions) |
| 2010 | 63% | 73% | 32% | 10029 | \$7,746 1% | 41.4% | 16% | \$111.6 |
| 2011 | 61% | 74% | 33% | 10994 | \$7,992 3% | 41.7% | 16% | \$110.9 |
| 2012 | 61% | 74% | 33% | 11033 | \$8,268 3% | 42.4% | 15% | \$117.1 |
| 2013 | 63% | 73% | 33% | 11882 | \$8,558 4% | 42.9% | 15% | \$123.9 |
| 2014 | 63% | 74% | 33% | 11182 | \$8,833 3% | 45.1% | 16% | \$132.5 |
| 2015 | | | | 11603 | \$9,389 6% | 45.9% | 17% | \$141.0 |
| Benchmark | 58% | 74% | 25% | | | | | |

Faculty

Economic Development

Workforce Development

Funding

| Year | S21-1 | S21-2 | S22 | S32 | S34 | S38 | S35 | S36 | S37 | S48 | S49 |
|-----------|---------------------------------------|---------------------------------------|-------------------------------|---------------------|-----------------------------|------------------------------|--------------------------------|------------------------------|-----------------------------|--|-----------------------------------|
| | Aver. faculty salary (Research univ.) | Aver. faculty salary (Master's univ.) | Wgt. aver faculty salary %ile | U.S. Patents issued | Licenses & options executed | Number of start-up companies | Upper division STEM enrollment | Number of teaching graduates | Number of nursing graduates | Operating expend. per FTE stdt. (Excl. auxil./hosp.) | Funding guideline % achieved (FY) |
| 2010 | \$105,878 | \$72,021 | 76 | 40 | 29 | NA | 13921 | 1588 | 1005 | \$26,741 | 65% |
| 2011 | \$105,812 | \$71,240 | 71 | 77 | 29 | NA | 15550 | 1728 | 1,169 | \$27,208 | 70% |
| 2012 | \$106,733 | \$71,850 | 68 | 67 | 38 | 52 | 17043 | 1701 | 1,201 | \$27,624 | 74% |
| 2013 | \$107,715 | \$71,872 | 67 | 68 | 42 | 67 | 18098 | 1718 | 1,276 | \$28,120 | 74% |
| 2014 | \$116,024 | \$77,233 | 80 | 70 | 52 | 131 | 20130 | 1713 | 1,339 | \$30,185 | 76% |
| 2015 | \$119,120 | \$78,951 | 81 | | | 141 | 20717 | | | | 72% |
| Benchmark | \$102,954 | \$76,823 | 85% | | | | | | | \$29,325 | 100% |

Stewardship

Effectiveness & Efficiency

| Year | S41 | S42 | S43 | S44 | S45 | S46 | S47 | S51 | S52 | S53 | S54 |
|-----------|--------------------------------------|--|---------------------------------------|---|-------------------------|--|------------------------------------|----------------------------|--|--|----------------|
| | State appropriations per FTE student | System Office admin as % of System's total operating expend. | Unrestricted net assets to debt ratio | Fund balance increase: goal achievement | Credit rating (Moody's) | % of annual fundraising dedicated to endowment | Total funds raised (annual) (000s) | Classroom utilization rate | Facilities renewal \$ as % of replacemt. value | % of undergrad. credits from non-tradit. methods | Time to Degree |
| 2009 | \$8,884 | 0.4% | 87% | Met goal | Stable | 12.9% | \$233,935 | 67% | 1.2% | 11.1% | 4.4 |
| 2010 | \$7,247 | 0.4% | 85% | Met goal | Stable(recalibrated) | 12.4% | \$222,396 | 65% | 1.4% | 12.3% | 4.3 |
| 2011 | \$8,151 | 0.4% | 100% | Met goal | Stable | 13.0% | \$242,343 | 66% | 1.3% | 13.2% | 4.4 |
| 2012 | \$8,150 | 0.4% | 113% | Met goal | Stable | 12.5% | \$242,056 | 66% | 1.3% | 14.0% | 4.4 |
| 2013 | \$8,136 | 0.4% | 121% | Met goal | Stable | 14.2% | \$232,150 | 66% | 1.4% | 14.5% | 4.2 |
| 2014 | \$8,591 | 0.5% | 111% | Met goal | Stable | | \$256,528 | 65% | 1.1% | 16.9% | 4.2 |
| 2015 | | | 74%* | Met goal | Stable | | \$335,074 | | 0.9% | | |
| Benchmark | \$7,379 | Rank 29 of 33 | | | | | | 66% | 0.2% increase | 10.0% | |

* Recalibrated for new accounting standard on pensions

External Fiscal

| Funding guideline % achieved (FY) | | | | | | | | | | | |
|-----------------------------------|-----|------|-----|------|------|------|-----|------|------|------|------|
| | BSU | CSU | FSU | SU | TU | UB | UMB | UMBC | UMCP | UMES | UMUC |
| 2005 | 53% | 64% | 73% | 63% | 77% | 84% | 56% | 61% | 65% | 70% | 43% |
| 2006 | 51% | 70% | 78% | 74% | 80% | 80% | 53% | 64% | 67% | 72% | 34% |
| 2007 | 94% | 108% | 90% | 104% | 100% | 141% | 72% | 81% | 82% | 99% | 40% |
| 2008 | 74% | 93% | 82% | 79% | 90% | 132% | 73% | 74% | 78% | 88% | 61% |
| 2009 | 87% | 101% | 93% | 78% | 88% | 107% | 75% | 72% | 82% | 82% | 39% |
| 2010 | 74% | 112% | 77% | 65% | 68% | 50% | 61% | 65% | 73% | 69% | 46% |
| 2011 | 62% | 101% | 67% | 63% | 63% | 45% | 57% | 64% | 72% | 62% | 43% |
| 2012 | 70% | 111% | 69% | 63% | 66% | 46% | 69% | 62% | 75% | 71% | 37% |
| 2013 | 77% | 116% | 75% | 70% | 76% | 45% | 71% | 65% | 76% | 75% | 54% |
| 2014 | 84% | 127% | 90% | 75% | 87% | 55% | 60% | 62% | 78% | 97% | 40% |
| 2015 | 95% | 126% | 86% | 70% | 65% | 66% | 72% | 62% | 80% | 85% | 53% |
| 2016 | 89% | 128% | 85% | 71% | 60% | 64% | 68% | 59% | 75% | 78% | 53% |

| Operating expend. per FTE student (Excl. auxil./hosp.) | | | | | | | | | | | |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | BSU | CSU | FSU | SU | TU | UB | UMB | UMBC | UMCP | UMES | UMUC |
| 2005 | \$13,554 | \$15,562 | \$11,363 | \$10,391 | \$11,108 | \$13,191 | \$46,596 | \$23,059 | \$31,270 | \$20,605 | \$17,266 |
| 2006 | \$13,885 | \$13,736 | \$12,764 | \$10,859 | \$11,881 | \$14,230 | \$48,802 | \$23,979 | \$33,087 | \$21,009 | \$18,961 |
| 2007 | \$14,770 | \$18,924 | \$13,637 | \$11,217 | \$12,275 | \$15,090 | \$50,438 | \$25,720 | \$33,645 | \$18,214 | \$17,569 |
| 2008 | \$14,778 | \$18,114 | \$14,843 | \$10,973 | \$12,608 | \$15,625 | \$55,374 | \$26,326 | \$34,538 | \$18,473 | \$17,585 |
| 2009 | \$15,269 | \$19,617 | \$15,102 | \$12,499 | \$13,743 | \$14,629 | \$55,333 | \$26,522 | \$36,444 | \$19,233 | \$18,534 |
| 2010 | \$15,821 | \$21,749 | \$14,598 | \$11,892 | \$13,009 | \$15,606 | \$56,458 | \$25,759 | \$36,281 | \$18,353 | \$18,704 |
| 2011 | \$14,766 | \$23,063 | \$14,706 | \$11,556 | \$13,052 | \$15,698 | \$57,345 | \$26,620 | \$37,303 | \$18,385 | \$19,153 |
| 2012 | \$15,381 | \$24,627 | \$15,533 | \$12,899 | \$14,794 | \$14,848 | \$55,889 | \$25,011 | \$38,981 | \$20,600 | \$18,299 |
| 2013 | \$16,942 | \$22,270 | \$16,103 | \$13,088 | \$13,639 | \$15,608 | \$56,435 | \$25,690 | \$40,232 | \$21,036 | \$19,399 |
| 2014 | \$17,984 | \$23,900 | \$17,335 | \$13,888 | \$14,219 | \$17,031 | \$69,623 | \$26,464 | \$42,959 | \$22,377 | \$20,718 |
| Benchmark | \$19,238 | \$19,434 | \$17,603 | \$19,658 | \$16,509 | \$17,921 | \$56,282 | \$30,544 | \$60,202 | \$19,879 | \$10,597 |

| State appropriations per FTE student | | | | | | | | | | | |
|--------------------------------------|---------|----------|---------|---------|---------|---------|----------|---------|----------|---------|---------|
| | BSU | CSU | FSU | SU | TU | UB | UMB | UMBC | UMCP | UMES | UMUC |
| 2005 | \$5,074 | \$6,161 | \$5,231 | \$4,199 | \$4,012 | \$4,380 | \$11,249 | \$6,667 | \$9,955 | \$6,396 | \$1,277 |
| 2006 | \$5,362 | \$6,104 | \$5,843 | \$4,359 | \$4,183 | \$4,771 | \$12,119 | \$7,200 | \$10,364 | \$6,629 | \$1,365 |
| 2007 | \$7,418 | \$9,482 | \$6,691 | \$4,957 | \$4,783 | \$5,420 | \$12,966 | \$8,094 | \$11,735 | \$7,593 | \$1,492 |
| 2008 | \$7,558 | \$10,266 | \$6,853 | \$5,021 | \$4,939 | \$5,260 | \$13,641 | \$8,451 | \$12,220 | \$8,374 | \$1,890 |
| 2009 | \$7,586 | \$10,715 | \$6,731 | \$5,201 | \$4,842 | \$5,219 | \$11,162 | \$8,404 | \$12,003 | \$8,072 | \$2,034 |
| 2010 | \$6,733 | \$11,457 | \$5,804 | \$4,475 | \$4,281 | \$4,422 | \$11,771 | \$7,217 | \$10,524 | \$7,135 | \$1,776 |
| 2011 | \$7,521 | \$12,150 | \$6,475 | \$5,001 | \$4,796 | \$4,859 | \$13,231 | \$8,534 | \$12,035 | \$7,589 | \$1,972 |
| 2012 | \$7,817 | \$12,849 | \$6,858 | \$4,989 | \$4,944 | \$5,038 | \$13,253 | \$8,540 | \$12,187 | \$7,907 | \$1,804 |
| 2013 | \$8,177 | \$13,006 | \$6,943 | \$5,043 | \$4,887 | \$4,996 | \$13,232 | \$8,339 | \$12,218 | \$7,902 | \$1,850 |
| 2014 | \$8,319 | \$14,726 | \$7,246 | \$5,088 | \$4,848 | \$5,176 | \$16,544 | \$8,399 | \$12,567 | \$8,919 | \$2,010 |
| Benchmark | \$8,237 | \$8,820 | \$5,406 | \$8,052 | \$6,248 | \$6,354 | \$9,143 | \$9,753 | \$9,354 | \$8,520 | \$941 |

University System of Maryland
Dashboard Indicators, March 2016

As of 3/24/2016

Italicized figures are figures against which national comparisons should be made.

| Workforce & Workforce Development | | | | | | | | | |
|-----------------------------------|--|---|---|--|----------------------------------|--------------------------------|---|-------------------------------|--|
| Year | E1 % of Maryland residents with at least a bachelor's degr. | E30 % of Maryland residents with advanced degree or more | E2 Doctoral scientists, engineers, & health professionals employed in MD | E4 Science & engineering doctorates awarded | E5 Per capita personal income | E6 Unemployment rate (June) | E12 Persons in science & engineering occupations as % of workforce | E14 Average high-tech wage | E23 Current population estimates (as of July 1) (for comparison purposes) |
| 2010 | | | 29,800 | 874 | \$48,621 | 7.8% | 6.80% | \$90,300 | |
| 2011 | 36.9% | 16.5% | | 858 | \$50,656 | 7.2% | 7.00% | \$100,054 | 5,828,289 |
| 2012 | 36.9% | 16.9% | | 900 | \$53,816 | 7.0% | 7.20% | \$96,500 | 5,884,868 |
| 2013 | 37.4% | 17.1% | 32,600 | 1,124 | | 6.7% | 7.40% | | 5,928,814 |
| 2014 | 38.2% | 17.5% | | | \$55,478 | 5.8% | 7.40% | \$101,849 | 5,976,407 |
| 2015 | | | | | \$56,502 | 5.2% | | | 6,006,401 |
| 2016 | | | | | | | | | |
| Benchmark | 30.1% | 11.4% | 5th (MD's rank) | 11th (MD's rank) | 6th (MD's rank) | 5.3% | 3rd (MD's rank) | 8th (MD's rank) | 19th (MD's rank) |

| R&D | | Economic Development | | | Support of Higher Education | | | |
|-----------|--|--|---------------------------------|---|---|--|---|--|
| Year | E8 Academic R&D expenditures in science & engin. (millions) | E22 University R&D expenditures in life sciences (millions) | E7 SBIR awards (\$ millions) | E16 Venture capital disbursed per \$1,000 of Gross Domestic Product (\$) | E15 High-tech establishments as % of business establishments | E17 St. gen. funds for higher educ. per \$1,000 of personal income (FY) | E18 State gen. funds for higher educ. per capita | E19 State gen. funds for higher educ. per headcount student |
| 2010 | \$3,094 | \$1,383 | 321 | \$1.51 | 11.60% | \$5.92 | \$292.82 | \$4,924 |
| 2011 | \$3,367 | \$1,524 | 265 | \$1.36 | 11.74% | \$5.65 | \$280.05 | \$4,447 |
| 2012 | \$3,308 | | | \$1.23 | 11.87% | | | \$4,453 |
| 2013 | \$3,376 | \$1,557 | 245 | \$1.91 | | \$5.39 | \$274.25 | \$4,074 |
| 2014 | \$3,515 | \$1,622 | | \$1.04 | | \$5.58 | \$306.81 | \$4,838 |
| 2015 | | | | | | | | |
| 2016 | | | | | | \$5.41 | \$303.26 | \$4,946 |
| Benchmark | | | 4th (MD's rank) | 16th (MD's rank) | 4th (MD's rank) | 29th (MD's rank) | 14th (MD's rank) | 13th (MD's rank) |

| New Economy Index | | | | | | |
|-------------------|---|--|---|---|---|---|
| Year | E24 New Economy Index: Overall (Maryland's rank) | E25 New Economy Index: Knowledge jobs (Maryland's rank) | E26 New Economy Index: Globalization (Maryland's rank) | E27 New Economy Index: Economic dynamism (Maryland's rank) | E28 New Economy Index: Digital economy (Maryland's rank) | E29 New Economy Index: Innovation capacity (Maryland's rank) |
| 2010 | 3rd | 3rd | 21st | 15th | 4th | 4th |
| 2011 | | | | | | |
| 2012 | 5th | 3rd | 26th | 8th | 11th | 5th |
| 2013 | | | | | | |
| 2014 | 5th | 3rd | 25th | 8th | 25th | 5th |
| 2015 | | | | | | |
| 2016 | | | | | | |

Bowie State University
Dashboard Indicators, March 2016

As of 3/24/2016

Italicized figures are figures against which peer comparisons should be made.
** Measure used by U.S. News*

* Benchmark = Comparison to external standard (P = peers; B = BOR policy; N = national standard; S = State policy; I = institutional goal)

| Student: Access, Affordability, and Attainment | | | | | | | | | | | Alumni | |
|--|--|--|--|--|--|--|---|------------------------------------|---|--|---|--|
| Year | 1 Average SAT + | 2 6-year graduation rate + | 3 2nd year retention rate + | 4 Afr.-Amer., Hispan., Nat. Amer. as % of UGs | 5 % of applicants admitted (new freshmen & transfer students) | 6 MD comm. college transfers + | | | | | 10 Average (2-yr.) alumni giving rate + | |
| 2010 | 889 | 37% | 70% | 93% | 53% | 238 | | | | | 5.9% | |
| 2011 | 899 | 41% | 72% | 94% | 54% | 315 | | | | | 4.0% | |
| 2012 | 890 | 35% | 72% | 92% | 52% | 315 | | | | | 4.8% | |
| 2013 | 881 | 35% | 72% | 92% | 54% | 353 | | | | | 5.9% | |
| 2014 | 874 | 33% | 72% | 90% | 57% | 310 | | | | | 5.7% | |
| 2015 | | | | | 60% | 419 | | | | | | |
| Benchmark* | 858-1036 (25th & 75th %ile) | 49% | 75% | 50% | 45% | 500 | P | I | | | I | |
| Faculty | | | | | | Affordability | | | | | Workforce Dvlp. | |
| Year | 21 Aver. faculty salary + | 22 Wgtd. aver. faculty salary %ile + | 24 Student to Faculty Ratio | 7 Resident UG tuition & fees (Yr. beginning) % | 8 % of undergrads receiving financial aid + | 9 Average* undergraduate debt burden upon graduation - | | | | | 35 Upper division STEM enrollment + | |
| 2010 | \$69,947 | 70 | 16 | \$6,153 | 2% | 80% | | | | | 235 | |
| 2011 | \$69,754 | 66 | 16 | \$6,347 | 3% | 83% | | | | | 263 | |
| 2012 | \$69,364 | 60 | 16 | \$6,639 | 5% | 81% | | | | | 271 | |
| 2013 | \$69,115 | 53 | 16 | \$6,971 | 5% | 82% | | | | | 280 | |
| 2014 | \$73,818 | 69 | 16 | \$7,299 | 5% | 86% | | | | | 319 | |
| 2015 | \$75,770 | 71 | | \$7,657 | 5% | 86% | | | | | 294 | |
| Benchmark* | \$76,823 | 85% | 17.0 | | P | 68% | I | | | | \$22,727 | |
| Stewardship | | | | | Effectiveness & Efficiency | | | | | | | |
| Year | 41 Expend. for instr. as % of oper. expend. (Excl. auxil./hosp.) + | 42 Expend. for admin. as % of oper. expend. (Excl. auxil./hosp.) - | 43 Fund balance increase: goal achievement + | 44 % of fundraising goal achieved + | 51 Classroom utilization rate + | 52 Facilities renewal \$ as % of replacem. value + | 53 % of undergrad. credits from non-tradit. methods + | 54 Time to degree in years - | 55 Tching. workload courses per FTE faculty + | | | |
| 2010 | 36% | 17% | Met goal | 67% | 67% | 2.9% | 11.1% | 4.8 | 7.6 | | | |
| 2011 | 39% | 21% | Met goal | 70% | 67% | 1.3% | 10.7% | 5.0 | 8.3 | | | |
| 2012 | 38% | 17% | Met goal | 76% | 65% | 4.0% | 11.1% | 4.6 | 7.7 | | | |
| 2013 | 40% | 18% | Met goal | 138% | 66% | 4.6% | 13.5% | 4.7 | 8.0 | | | |
| 2014 | 38% | 18% | Met goal | 89% | 65% | 3.0% | 12.7% | 4.9 | 7.8 | | | |
| 2015 | | | Met goal | 113% | 64% | 1.6% | | 4.8 | 7.3 | | | |
| Benchmark* | 44% | 15% | B | 100% | 66% | 0.2% increase | 10.0% | 7.5 | | | | |

Coppin State University
Dashboard Indicators, March 2016

Italicized figures are figures against which peer comparisons should be made.

** Measure used by U.S. News*

As of 3/24/2016

* Benchmark = Comparison to external standard (P = peers; B = BOR policy; N = national standard; S = State policy; I = institutional goal)

| Student: Access, Affordability, and Attainment | | | | | | | | | | | Alumni | |
|--|--------------------------------|-----------------------------|------------------------------|--|---|--|---|---------------------------------|--|--|--------|--|
| Year | 1 Average SAT | 2 6-year graduation rate | 3 2nd year retention rate | 4 Afr.-Amer., Hispan., Nat. Amer. as % of UGs | | 5 % of applicants admitted (new freshmen & transfer students) | | 6 MD comm. college transfers | | 10 Average (2-yr.) alumni giving rate | | |
| 2010 | 874 | 16% | 61% | 89% | | 58% | | 200 | | 6.8% | | |
| 2011 | 882 | 15% | 63% | 88% | | 35% | | 209 | | 7.1% | | |
| 2012 | 877 | 17% | 64% | 86% | | 36% | | 236 | | 6.3% | | |
| 2013 | 890 | 14% | 64% | 85% | | 39% | | 238 | | 11.0% | | |
| 2014 | 895 | 18% | 65% | 85% | | 43% | | 256 | | 9.6% | | |
| 2015 | | | | | | 39% | | 186 | | | | |
| Benchmark* | 869-1061 (25th & 75th %ile) | 49% | 76% | 49% | P | 53% | I | 225 | | | | |

| Faculty | | | | | Affordability | | | | Workforce Dvlp. | | |
|------------|----------------------------|--------------------------------------|--------------------------------|--|---------------|--|---|---|-----------------|--------------------------------------|--|
| Year | 21 Aver. faculty salary | 22 Wgtd. aver faculty salary %ile | 24 Student to Faculty Ratio | 7 Resident UG tuition & fees (Yr. beginning) % chg. | | 8 % of undergrads receiving financial aid | | 9 Average* undergraduate debt burden upon graduation | | 35 Upper division STEM Enrollment | |
| 2010 | \$66,576 | 61 | 15 | \$5,382 | 2% | 83% | | NA | | 93 | |
| 2011 | \$66,449 | 54 | 16 | \$5,491 | 2% | 91% | | NA | | 95 | |
| 2012 | \$67,399 | 56 | 14 | \$5,720 | 4% | 83% | | NA | | 97 | |
| 2013 | \$67,647 | 55 | 14 | \$6,252 | 9% | 86% | | NA | | 99 | |
| 2014 | \$72,201 | 68 | 14 | \$6,132 | -2% | 88% | | NA | | 111 | |
| 2015 | \$73,809 | 67 | | \$6,362 | 4% | 92% | | | | 120 | |
| Benchmark* | \$76,823 | 85% | 19.7 | | P | 82% | I | \$23,523 | | | |

| Stewardship | | | | | Effectiveness & Efficiency | | | | | | |
|-------------|---|---|---|--------------------------------------|----------------------------|----------------------------------|--|--|-------|-------------------------------|--|
| Year | 41 Expend. for instr. as % of oper. expend. (Excl. auxil./hosp.) | 42 Expend. for admin. as % of oper. expend. (Excl. auxil./hosp.) | 43 Fund balance increase: goal achievement | 44 % of fundraising goal achieved | | 51 Classroom utilization rate | 52 Facilities renewal \$ as % of replacemt. value | 53 % of undergrad. credits from non-tradit. methods | | 54 Time to degree in years | 55 Tching. workload courses per FTE faculty |
| 2010 | 40% | 26% | Met goal | 110% | | 69% | 0.3% | 8.8% | | 4.8 | 10.5 |
| 2011 | 38% | 26% | Did not meet goal | 72% | | 69% | 0.4% | 9.5% | | 5.3 | 9.0 |
| 2012 | 33% | 22% | Did not meet goal | 139% | | 67% | 0.3% | 13.0% | | 5.0 | 9.0 |
| 2013 | 35% | 23% | Met goal | 115% | | 69% | 0.4% | 13.9% | | 4.8 | 9.0 |
| 2014 | 35% | 25% | Met goal | 92% | | NA | 0.2% | 16.3% | | 5.8 | 8.5 |
| 2015 | | | Met goal | 103% | | NA | 0.2% | | | 5.8 | 8.1 |
| Benchmark* | 41% | 14% | B | 100% | I | 66% | 0.2% increase | B | 10.0% | B | 7.5 |

Frostburg State University

Dashboard Indicators, March 2016

Italicized figures are figures against which peer comparisons should be made.
** Measure used by U.S. News*

As of 3/24/2016

* Benchmark = Comparison to external standard (P = peers; B = BOR policy; N = national standard; S = State policy; I = institutional goal)

| Student: Access, Affordability, and Attainment | | | | | | | | | | |
|--|--------------------|------------------------|-------------------------|---|---|---|---|----------------------------|---|---|
| | 1 | 2 | 3 | 4 | | 5 | | 6 | | |
| | Average SAT | 6-year graduation rate | 2nd year retention rate | Afr.-Amer., Hispan., Nat. Amer. as % of UGs | | % of applicants admitted (new freshmen & transfer students) | | MD comm. college transfers | | |
| Year | + | + | + | + | + | + | + | + | + | + |
| 2010 | 984 | 48% | 73% | 27% | | 60% | | 354 | | |
| 2011 | 985 | 46% | 72% | 28% | | 62% | | 386 | | |
| 2012 | 980 | 44% | 72% | 29% | | 62% | | 379 | | |
| 2013 | 985 | 47% | 73% | 29% | | 62% | | 412 | | |
| 2014 | 969 | 49% | 75% | 34% | | 62% | | 476 | | |
| 2015 | | | | | | 66% | | 564 | | |
| Benchmark* | 868-1070 | 52% | 77% | 25% | | 73% | | 282 | | |
| | (25th & 75th %ile) | | | | | | | | | |

| Alumni |
|------------------------------------|
| 10 |
| Average (2-yr.) alumni giving rate |
| 5.6% |
| 5.4% |
| 5.4% |
| 4.7% |
| 4.7% |

| Faculty | | | | | Affordability | | | | |
|------------|----------------------|--------------------------------|--------------------------|--|---|--|---|--|--|
| | 21 | 22 | 24 | 7 | 8 | 9 | | | |
| | Aver. faculty salary | Wgtd. aver faculty salary %ile | Student to Faculty Ratio | Resident UG tuition & fees (Yr. beginning) | % of undergrads receiving financial aid | Average* undergraduate debt burden upon graduation | | | |
| Year | + | + | | % chg. | + | - | - | | |
| 2010 | \$72,093 | 52 | 17 | \$6,904 | 3% | NA | | | |
| 2011 | \$71,368 | 49 | 16 | \$7,128 | 3% | \$22,429 | | | |
| 2012 | \$69,914 | 43 | 16 | \$7,436 | 4% | \$20,736 | | | |
| 2013 | \$69,213 | 39 | 15 | \$7,728 | 4% | \$20,058 | | | |
| 2014 | \$74,693 | 52 | 15 | \$7,982 | 3% | \$24,916 | | | |
| 2015 | \$76,281 | 57 | | \$8,488 | 6% | | | | |
| Benchmark* | \$76,823 | 85% | 18.7 | | P | \$24,431 | | | |

| Workforce Dvlp. | Economic Dvlp. |
|--------------------------------|------------------------------|
| 35 | 38 |
| Upper division STEM enrollment | Number of start-up companies |
| 334 | NA |
| 416 | NA |
| 432 | 1 |
| 423 | 3 |
| 445 | 4 |
| 399 | 3 |

| Stewardship | | | | | Effectiveness & Efficiency | | | | |
|-------------|---|---|---|--------------------------------|----------------------------|--|--|-------------------------|--|
| | 41 | 42 | 43 | 44 | 51 | 52 | 53 | 54 | 55 |
| | Expend. for instr. as % of oper. expend. (Excl. auxil./hosp.) | Expend. for admin. as % of oper. expend. (Excl. auxil./hosp.) | Fund balance increase: goal achievement | % of fundraising goal achieved | Classroom utilization rate | Facilities renewal \$ as % of replacemt. value | % of undergrad. credits from non-tradit. methods | Time to degree in years | Tching. workload courses per FTE faculty |
| Year | + | - | + | + | + | + | + | - | + |
| 2010 | 40% | 16% | Met goal | 156% | 61% | 3.3% | 12.6% | 4.6 | 7.5 |
| 2011 | 39% | 16% | Met goal | 145% | 60% | 2.4% | 13.7% | 4.6 | 7.5 |
| 2012 | 40% | 16% | Did not meet goal | 71% | 62% | 1.0% | 14.9% | 4.6 | 7.4 |
| 2013 | 40% | 17% | Did not meet goal | 92% | 60% | 1.2% | 16.7% | 4.5 | 7.4 |
| 2014 | 38% | 15% | Did not meet goal | 118% | 55% | 0.6% | 21.6% | 4.3 | 7.3 |
| 2015 | | | Met goal | 109% | 55% | 0.4% | | 3.7 | 7.4 |
| Benchmark* | 41% | 13% | B | 100% | 66% | 0.2% increase | 10.0% | 7.5 | B |

Salisbury University
Dashboard Indicators, March 2016

Italicized figures are figures against which peer comparisons should be made.

As of 3/24/2016

* Measure used by U.S. News

* Benchmark = Comparison to external standard (P = peers; B = BOR policy; N = national standard; S = State policy; I = institutional goal)

| Student: Access, Affordability, and Attainment | | | | | | | | | | | Alumni | | | |
|--|---|---|---|--|--|---|--|-------------------------------------|---|---------------------------------------|--|--|----------------|--|
| Year | 1 Average SAT* | 2 6-year graduation rate | 3 2nd year retention rate | 4 Afr.-Amer., Hispan., Nat. Amer. as % of UGs | 5 % of applicants admitted (new freshmen & transfer students) | 6 MD comm. college transfers | | | 10 Average (2-yr.) alumni giving rate | | | | | |
| 2010 | 1147 | 70% | 81% | 15% | 58% | 673 | | | 16.5% | | | | | |
| 2011 | 1155 | 67% | 81% | 15% | 57% | 824 | | | 15.3% | | | | | |
| 2012 | 1160 | 67% | 83% | 16% | 57% | 736 | | | 15.0% | | | | | |
| 2013 | 1156 | 67% | 82% | 16% | 58% | 915 | | | 7.3% | | | | | |
| 2014 | <i>1160</i> | 66% | 82% | 17% | 60% | 730 | | | 6.4% | | | | | |
| 2015 | | | | | 64% | 847 | | | | | | | | |
| Benchmark* | 945-1127 (25th & 75th %ile) | 60% | 79% | 20% | 60% | 530 | | | | | | | | |
| | | | | | | | | | | | | | | |
| Faculty | | | | | | Affordability | | | | | Workforce Dvlp. | | Economic Dvlp. | |
| Year | 21 Aver. faculty salary | 22 Wgt'd. aver faculty salary %ile | 24 Student to Faculty Ratio | 7 Resident UG tuition & fees (Yr. beginning) | 8 % of undergrads receiving financial aid | 9 Average undergraduate debt burden upon graduation | 35 Upper division STEM enrollment | | | 38 Number of start-up companies | | | | |
| 2010 | \$71,572 | 61 | 17 | \$6,908 | 4% | \$18,541 | 484 | | | NA | | | | |
| 2011 | \$71,486 | 57 | 17 | \$7,332 | 6% | \$20,693 | 536 | | | NA | | | | |
| 2012 | \$71,437 | 53 | 17 | \$7,700 | 5% | \$23,159 | 578 | | | 11 | | | | |
| 2013 | \$72,039 | 51 | 16 | \$8,128 | 6% | \$23,545 | 612 | | | 5 | | | | |
| 2014 | \$77,848 | 69 | 16 | \$8,560 | 5% | \$24,567 | 658 | | | 3 | | | | |
| 2015 | \$79,589 | 70 | | \$9,086 | 6% | | 641 | | | 15 | | | | |
| Benchmark* | \$76,823 | 85% | 16.7 | | P | \$27,135 | | | | | | | | |
| | | | | | | | | | | | | | | |
| Stewardship | | | | | Effectiveness & Efficiency | | | | | | | | | |
| Year | 41 Expend. for instr. as % of oper. expend. (Excl. auxil./hosp.) | 42 Expend. for admin. as % of oper. expend. (Excl. auxil./hosp.) | 43 Fund balance increase: goal achievement | 44 % of fundraising goal achieved | 51 Classroom utilization rate | 52 Facilities renewal \$ as % of replacemt. value | 53 % of undergrad. credits from non-tradit. methods | 54 Time to degree in years | | | 55 Tching. workload courses per FTE faculty | | | |
| 2010 | 47% | 15% | Met goal | 218% | 67% | 2.6% | 15.2% | 4.2 | | | 7.6 | | | |
| 2011 | 47% | 14% | Met goal | 220% | 65% | 3.0% | 14.9% | 4.1 | | | 7.7 | | | |
| 2012 | 45% | 14% | Met goal | 92% | 67% | 3.7% | 16.0% | 4.3 | | | 7.8 | | | |
| 2013 | 47% | 14% | Met goal | 295% | 68% | 2.6% | 17.0% | 4.3 | | | 7.4 | | | |
| 2014 | 45% | 14% | Met goal | 146% | 68% | 1.2% | 17.9% | 3.9 | | | 7.3 | | | |
| 2015 | | | Met goal | 103% | 68% | 1.7% | | 4.0 | | | 7.1 | | | |
| Benchmark* | 45% | 15% | B | 100% | 66% | 0.2% increase | 10.0% | | | | 7.5 | | | |

Towson University
Dashboard Indicators, March 2016

Italicized figures are figures against which peer comparisons should be made.
* Measure used by U.S. News

As of 3/24/2016

* Benchmark = Comparison to external standard (P = peers; B = BOR policy; N = national standard; S = State policy; I = institutional goal)

| Student: Access, Affordability, and Attainment | | | | | | | | | | |
|--|--------------------------------|-------------------------------------|---|---|--|---|--|--|--|--|
| Year | 1 Average SAT + | 2 6-year graduation rate + | 3 2nd year retention rate + | 4 Afr.-Amer., Hispan., Nat. Amer. as % of UGs + | 5 % of applicants admitted (new freshmen & transfer students) + | 6 MD comm. college transfers + | | | | |
| 2010 | 1081 | 68% | 84% | 16% | 65% | 2017 | | | | |
| 2011 | 1087 | 64% | 84% | 18% | 70% | 2420 | | | | |
| 2012 | 1088 | 66% | 85% | 19% | 70% | 2430 | | | | |
| 2013 | 1084 | 65% | 85% | 21% | 62% | 2848 | | | | |
| 2014 | <i>1087</i> | 68% | 86% | 22% | 61% | 2142 | | | | |
| 2015 | | | | | 67% | 1937 | | | | |
| Benchmark* | 965-1155 (25th & 75th %ile) | 62% | 83% | 18% | 65% | I 1300 | | | | |

| Alumni |
|---|
| 10 Average (2-yr.) alumni giving rate + |
| 4.4% |
| 4.2% |
| 3.9% |
| 4.3% |
| 3.8% |

| Faculty | | | | | | Affordability | | |
|------------|---------------------------------------|--|-----------------------------------|--|---|---|--|--|
| Year | 21 Aver. faculty salary + | 22 Wgt'd. aver faculty salary %ile + | 24 Student to Faculty Ratio | 7 Resident UG tuition & fees (Yr. beginning) % chg. | 8 % of undergrads receiving financial aid + | 9 Average* undergraduate debt burden upon graduation - | | |
| 2010 | \$71,910 | 66 | 17 | \$7,656 | 3% | \$19,069 | | |
| 2011 | \$71,097 | 62 | 17 | \$7,906 | 3% | \$22,072 | | |
| 2012 | \$72,400 | 60 | 17 | \$8,132 | 3% | \$23,812 | | |
| 2013 | \$72,444 | 59 | 17 | \$8,342 | 3% | NA | | |
| 2014 | \$78,288 | 73 | 17 | \$8,590 | 3% | \$25,936 | | |
| 2015 | \$79,751 | 73 | | \$9,182 | 7% | | | |
| Benchmark* | \$76,823 | 85% | 18.8 | | P 56% | \$25,787 | | |

| Workforce Dvlp. | Economic Dvlp. |
|---|--|
| 35 Upper division STEM enrollment + | 38 Number of start-up companies + |
| 1216 | NA |
| 1258 | NA |
| 1390 | 2 |
| 1461 | 1 |
| 1530 | 0 |
| 1672 | 0 |

| Stewardship | | | | Effectiveness & Efficiency | | | | | | |
|-------------|--|--|--|---|--|--|---|--|---|--|
| Year | 41 Expend. for instr. as % of oper. expend. (Excl. auxil./hosp.) + | 42 Expend. for admin. as % of oper. expend. (Excl. auxil./hosp.) - | 43 Fund balance increase: goal achievement + | 44 % of fundraising goal achieved + | 51 Classroom utilization rate + | 52 Facilities renewal \$ as % of replacmt. value + | 53 % of undergrad. credits from non-tradit. methods + | 54 Time to degree in years - | 55 Tching. workload courses per FTE faculty + | |
| 2010 | 40% | 14% | Met goal | 107% | 67% | 2.8% | 7.7% | 4.4 | 7.3 | |
| 2011 | 41% | 14% | Met goal | 84% | 65% | 4.0% | 8.7% | 4.5 | 7.7 | |
| 2012 | 40% | 13% | Met goal | 78% | 65% | 3.0% | 8.3% | 4.4 | 7.4 | |
| 2013 | 42% | 14% | Met goal | 112% | 67% | 3.0% | 8.7% | 4.3 | 7.3 | |
| 2014 | 38% | 14% | Met goal | 116% | 65% | 2.3% | 11.1% | 4.1 | 7.2 | |
| 2015 | | | Met goal | 99% | 63% | 1.4% | | 4.0 | 7.1 | |
| Benchmark* | 46% | 12% | B | 100% | 66% | 0.2% increase | 10.0% | | 7.5 | |

University of Baltimore
Dashboard Indicators, March 2016

Italicized figures are figures against which peer comparisons should be made.
** Measure used by U.S. News*

As of 3/24/2016

* Benchmark = Comparison to external standard (P = peers; B = BOR policy; N = national standard; S = State policy; I = institutional goal)

| Student: Access, Affordability, and Attainment | | | | | | | | | | Alumni | |
|--|---|------------------------------|--|--|---------------------------------|--|--|--|--|--------|--|
| Year | 1-UB % of graduates who pass bar exam on initial attempt | 3 2nd year retention rate | 4 Afr.-Amer., Hispan., Nat. Amer. as % of UGs | 5 % of applicants admitted (new freshmen & transfer students) | 6 MD comm. college transfers | 4-UB Number of minority students graduating annually (UG & Grad/Prof) | 5-UB % of economically disadvantaged students | 10 Average (2-yr.) alumni giving rate | | | |
| 2010 | 85% | 75% | 45% | 72% | 664 | 455 | 66% | 2.6% | | | |
| 2011 | 82% | 78% | 47% | 71% | 625 | 465 | 73% | 3.9% | | | |
| 2012 | 80% | 75% | 50% | 71% | 654 | 514 | 74% | 5.6% | | | |
| 2013 | 84% | 72% | 51% | 75% | 690 | 604 | 75% | 5.6% | | | |
| 2014 | 83% | 73% | 53% | 70% | 630 | 635 | 70% | 5.0% | | | |
| 2015 | 80% | | | 67% | 651 | 676 | 78% | | | | |
| Benchmark* | 75% | 78% | 44% | | | 426 | 75% | | | | |

| Faculty | | | | Affordability | | | | Workforce Dvlp. | | Economic Dvlp. | |
|------------|--|-----------------------------|--------------------------------|--|--|---|--------------------------------------|------------------------------------|--|----------------|--|
| Year | 2-UB Sponsored research \$ per F-T faculty (000s) | 3-UB % part-time faculty | 24 Student to Faculty Ratio | 7 Resident UG tuition & fees (Yr. beginning) % chg. | 8 % of undergrads receiving financial aid | 9 Average* undergraduate debt burden upon graduation | 35 Upper division STEM enrollment | 38 Number of start-up companies | | | |
| 2010 | NA | 52% | 20 | \$7,330 2% | 78% | NA | 250 | NA | | | |
| 2011 | \$39 | 55% | 20 | \$7,494 2% | 81% | NA | 278 | NA | | | |
| 2012 | \$33 | 54% | 19 | \$7,664 2% | 87% | NA | 287 | 8 | | | |
| 2013 | \$35 | 54% | 16 | \$7,838 2% | 86% | NA | 289 | 9 | | | |
| 2014 | \$37 | 52% | 15 | \$8,018 2% | 86% | \$23,627 | 286 | 0 | | | |
| 2015 | | 52% | | \$8,326 4% | 86% | | 287 | 1 | | | |
| Benchmark* | | 49% | 17.6 | P | 58% | \$21,481 | | | | | |

| Stewardship | | | | Effectiveness & Efficiency | | | | |
|-------------|---|---|---|--------------------------------------|----------------------------------|--|---|--|
| Year | 41 Expend. for instr. as % of oper. expend. (Excl. auxil./hosp.) | 42 Expend. for admin. as % of oper. expend. (Excl. auxil./hosp.) | 43 Fund balance increase: goal achievement | 44 % of fundraising goal achieved | 51 Classroom utilization rate | 52 Facilities renewal \$ as % of replacemt. value | 7-UB % of stdts. involved with non-traditional learning activities | 55 Tching. workload courses per FTE faculty |
| 2010 | 40% | 21% | Met goal | 183% | 55% | 0.6% | 42% | 7.6 |
| 2011 | 38% | 23% | Met goal | 105% | 54% | 0.6% | 42% | 7.8 |
| 2012 | 40% | 23% | Met goal | 131% | 55% | 0.7% | 44% | 6.5 |
| 2013 | 39% | 23% | Met goal | 304% | 48% | 1.0% | 44% | 6.4 |
| 2014 | 40% | 21% | Did not meet goal | 111% | 52% | 0.6% | 44% | 7.3 |
| 2015 | | | Met goal | 107% | | 1.4% | 45% | 6.9 |
| Benchmark* | 45% | 14% | B | 100% | | 0.2% increase | | 7.5 |

Note: Institutional goals are usually taken from institution's MFR and are usually set for FY 2008.

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University of Maryland, Baltimore

Dashboard Indicators, March 2016

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** Measure used by U.S. News*

As of 3/24/2016

* Benchmark = Comparison to external standard (P = peers; B = BOR policy; N = national standard; S = State policy; I = institutional goal)

| Year | Student: Access, Affordability, and Attainment | | | | | | | | | | | | Economic Dvlp. | |
|------------|--|---|---|---|--------------------------------------|--|---|------------------------------------|--|--|--|--|----------------|--|
| | 1-UMB Passing rate on Bar (Law) exam | 2-UMB Passing rate on medical licensure exam | 3-UMB Passing rate on nursing licensure exam | 4-UMB Passing rate on dentistry licensure exam | 10-UMB Total headcount enrollment | 11-UMB Afr.-Amer., Hispan., & Nat. Amer. as % of total headcount enrollment | 12-UMB Graduate & 1st prof. as % of total hdct. enrollment | 38 Number of start-up companies | | | | | | |
| 2010 | 90% | 96% | 93% | 98% | 6,349 | 19% | 88% | NA | | | | | | |
| 2011 | 85% | 96% | 90% | 100% | 6,395 | 19% | 89% | NA | | | | | | |
| 2012 | 86% | 99% | 88% | 97% | 6,368 | 19% | 87% | 10 | | | | | | |
| 2013 | 88% | 99% | 93% | 96% | 6,284 | 19% | 89% | 8 | | | | | | |
| 2014 | 81% | 98% | 97% | 99% | 6,276 | 20% | 87% | 15 | | | | | | |
| 2015 | 83% | 99% | 90% | 94% | 6,329 | 22% | 86% | 15 | | | | | | |
| Benchmark* | 93% | 96% | 93% | NA | 22,915 | 17% | 40% | | | | | | | |

| Year | Faculty | | | | Economic Development | | | | | |
|------------|--|--|--|--------------------------------|--|--|---------------------------|--|-----------------------------------|--|
| | 5-UMB Natl. ranking NIH awards to public medical schls. | 6-UMB Natl. ranking: NIH awards to public & priv. dental schls. | 7-UMB No. of specialty law programs ranked in top 10 nationally | 24 Student to Faculty Ratio | 13-UMB Grant & contract awards (millions) | 14-UMB Total R&D expenditures in medicine per F-T medical faculty | 32 U.S. Patents issued | 33 Adjusted gross license income received | 34 Licenses & options executed | |
| 2010 | 14 | 3 | 3 | 10 | \$566.0 | \$313,668 | 15 | \$1,375,250 | 12 | |
| 2011 | 13 | 3 | 4 | 8 | \$557.0 | \$254,028 | 30 | \$385,815 | 14 | |
| 2012 | 13 | 6 | 3 | 6 | \$525.0 | \$255,727 | 30 | \$955,703 | 21 | |
| 2013 | 14 | 5 | 3 | 6 | \$479.0 | \$249,379 | 25 | \$835,817 | 23 | |
| 2014 | 15 | 6 | 2 | 7 | \$499.0 | \$245,876 | 28 | \$1,120,101 | 30 | |
| 2015 | 16 | 11 | 2 | | \$497.5 | \$226,765 | | | | |
| Benchmark* | Top 10 | Top 10 | Top 10 | 15.8 | | \$275,518 | 5% annually | 5% annually | | |

| Year | Stewardship | | | | Effectiveness & Efficiency | | | Workforce Development | | | |
|------------|---|---|---|--------------------------------------|--|---|--|---|---|--|--|
| | 41 Expend. for instr. as % of oper. expend. (Excl. auxil./hosp.) | 42 Expend. for admin. as % of oper. expend. (Excl. auxil./hosp.) | 43 Fund balance increase: goal achievement | 44 % of fundraising goal achieved | 52 Facilities renewal \$ as % of replacemt. value | 19-UMB Days of charity care provided by clinical medical faculty | 16-UMB Number of nursing graduates (BSN, MS, PhD) | 17-UMB Number of pharmacy graduates (PharmD) | 18-UMB Number of dentistry grads (DDS) | | |
| 2010 | 23% | 9% | Met goal | 92% | 0.5% | 3,038 | 635 | 114 | 117 | | |
| 2011 | 22% | 8% | Met goal | 112% | 0.7% | 2,830 | 627 | 147 | 128 | | |
| 2012 | 24% | 9% | Met goal | 100% | 0.6% | 3,011 | 646 | 156 | 123 | | |
| 2013 | 25% | 9% | Met goal | 129% | 0.9% | 2,894 | 632 | 163 | 127 | | |
| 2014 | 25% | 9% | Met goal | 66% | 0.8% | 2,909 | 614 | 153 | 128 | | |
| 2015 | | | Met goal | 96% | 0.5% | | 666 | 164 | 127 | | |
| Benchmark* | 34% | 9% | B | 100% | 0.2% increase | 3,625 | 5% annually | 5% annually | 5% annually | | |

Note: Institutional goals are usually taken from institution's MFR and are usually set for FY 2010.

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University of Maryland, Baltimore County
Dashboard Indicators, March 2016

Italicized figures are figures against which peer comparisons should be made.
** Measure used by U.S. News*

As of 3/24/2016

* Benchmark = Comparison to external standard (P = peers; B = BOR policy; N = national standard; S = State policy; I = institutional goal)

| Year | Student: Access, Affordability, and Attainment | | | | | | | | | | Alumni |
|------------|--|----------------------------------|-----------------------------------|---|---|--------------------------------------|---|---|--|---|--------|
| | 1 Average SAT + | 2 6-year graduation rate + | 3 2nd year retention rate + | 4 Afr.-Amer., Hispan., Nat. Amer. as % of UGs + | 5 % of applicants admitted (new freshmen & transfer students) + | 6 MD comm. college transfers + | 7 Resident UG tuition & fees (Yr. beginning) % chg. + | 8 % of undergrads receiving financial aid + | 9 Average* undergraduate debt burden upon graduation - | 10 Average (2-yr.) alumni giving rate + | |
| 2010 | 1206 | 57% | 85% | 21% | 69% | 1267 | \$9,171 | 1% | 68% | NA | 4.2% |
| 2011 | 1223 | 57% | 85% | 21% | 66% | 1402 | \$9,467 | 3% | 74% | \$20,902 | 4.1% |
| 2012 | 1218 | 61% | 85% | 22% | 66% | 1368 | \$9,764 | 3% | 68% | \$22,601 | 3.7% |
| 2013 | 1214 | 65% | 86% | 22% | 67% | 1418 | \$10,068 | 3% | 70% | \$22,755 | 3.7% |
| 2014 | 1210 | 61% | 87% | 22% | 64% | 1351 | \$10,384 | 3% | 70% | \$25,831 | 3.6% |
| 2015 | | | | | 63% | 1350 | \$11,006 | 6% | 69% | | |
| Benchmark* | 1080-1282 (25th & 75th %ile) | 70% | 88% | 21% | 73% | 958 | | P | 61% | \$25,522 | |

| Year | Faculty | | | | Economic Development | | | | Workforce Dvlp | |
|------------|---------------------------------|---|--|-------------------------------------|---|--------------------------------|---|--|---|---|
| | 21 Aver. faculty salary + | 22 Wgtd. aver faculty salary %ile + | 23 Awards per 100 FTfaculty (5 yrs.) + | 24 Student to Faculty Ratio + | 31 Total R&D expendit. per FT faculty + | 32 U.S. Patents issued + | 33 Adjusted gross license income received + | 34 Licenses & options executed + | 38 Number of start-up companies + | 35 Upper division STEM enrollment + |
| 2010 | \$88,303 | 72 | 2.8 | 19 | \$206,282 | 9 | \$63,162 | 4 | NA | 2591 |
| 2011 | \$88,335 | 65 | 2.0 | 20 | \$210,519 | 9 | \$196,921 | 1 | NA | 2783 |
| 2012 | \$87,769 | 58 | 2.1 | 19 | \$168,277 | 10 | \$182,626 | 4 | 4 | 3048 |
| 2013 | \$87,894 | 56 | 2.8 | 20 | \$157,612 | 5 | \$191,721 | 1 | 10 | 3284 |
| 2014 | \$94,379 | 75 | 2.5 | 19 | \$160,823 | 7 | \$284,153 | 1 | 4 | 3582 |
| 2015 | \$96,271 | 73 | 2.9 | | | | | | 4 | 3745 |
| Benchmark* | \$90,110 | 85% | | 17.6 | \$190,536 | NA | NA | | | |

| Year | Stewardship | | | | Effectiveness & Efficiency | | | | |
|------------|--|--|--|---|---------------------------------------|---|---|------------------------------------|---|
| | 41 Expend. for instr. as % of oper. expend. (Excl. auxil./hosp.) + | 42 Expend. for admin. as % of oper. expend. (Excl. auxil./hosp.) - | 43 Fund balance increase: goal achievement + | 44 % of fundraising goal achieved + | 51 Classroom utilization rate + | 52 Facilities renewal \$ as % of replacemt. value + | 53 % of undergrad. credits from non-tradit. methods + | 54 Time to degree in years - | 55 Tching. workload courses per FTE faculty + |
| 2010 | 34% | 11% | Met goal | 97% | 62% | 0.2% | 15.3% | 4.4 | 6.5 |
| 2011 | 34% | 9% | Met goal | 140% | 63% | 0.3% | 15.1% | 4.6 | 6.9 |
| 2012 | 35% | 9% | Met goal | 119% | 62% | 0.2% | 17.1% | 4.5 | 6.9 |
| 2013 | 34% | 11% | Met goal | 238% | 60% | 0.6% | 18.4% | 4.3 | 6.9 |
| 2014 | 34% | 11% | Met goal | 84% | 65% | 0.7% | 18.3% | 4.5 | 6.9 |
| 2015 | | | Met goal | 199% | 62% | 0.8% | | 4.3 | 7.2 |
| Benchmark* | 38% | 11% | B | 100% | 66% | 0.2% increase | 10.0% | | 5.5 |

University of Maryland, College Park
Dashboard Indicators, March 2016

Italicized figures are figures against which peer comparisons should be made.

As of 3/24/2016

* Measure used by U.S. News

* Benchmark = Comparison to external standard (P = peers; B = BOR policy; N = national standard; S = State policy; I = institutional goal)

| Student: Access, Affordability, and Attainment | | | | | | | | | | | Alumni |
|--|------------------------------|----------------------------------|-----------------------------------|---|---|--------------------------------------|---|---|--|---|--------|
| Year | 1 Average SAT + | 2 6-year graduation rate + | 3 2nd year retention rate + | 4 Afr.-Amer., Hispan., Nat. Amer. as % of UGs + | 5 % of applicants admitted (new freshmen & transfer students) + | 6 MD comm. college transfers + | 7 Resident UG tuition & fees (Yr. beginning) % chg. + | 8 % of undergrads receiving financial aid + | 9 Average* undergraduate debt burden upon graduation - | 10 Average (2-yr.) alumni giving rate + | |
| 2010 | 1287 | 82% | 94% | 19% | 45% | 1665 | \$8,416 | 1% | 65% | \$22,696 | 6.9% |
| 2011 | 1290 | 82% | 94% | 20% | 46% | 1679 | \$8,655 | 3% | 70% | \$24,180 | 6.5% |
| 2012 | 1299 | 82% | 95% | 20% | 46% | 1695 | \$8,908 | 3% | 66% | \$25,276 | 6.3% |
| 2013 | 1305 | 84% | 95% | 21% | 47% | 1930 | \$9,161 | 3% | 66% | \$25,254 | 5.8% |
| 2014 | 1306 | 85% | 95% | 22% | 49% | 2234 | \$9,427 | 3% | 66% | \$25,131 | 6.6% |
| 2015 | | | | | 47% | 2142 | \$9,996 | 6% | 67% | | |
| Benchmark* | 1184-1396 (25th & 75th %ile) | 86% | 94% | 13% | Note 1 | No specific goal | | P | Note 2 | \$24,812 | |

| Faculty | | | | Economic Development | | | | | | Workforce Dvlp. |
|------------|---------------------------------|---|---|-------------------------------------|---|--------------------------------|---|--|---|---|
| Year | 21 Aver. faculty salary + | 22 Wgtd. aver faculty salary %ile + | 23 Awards per 100 FT faculty (5 yrs.) + | 24 Student to Faculty Ratio + | 31 Total R&D expendit. per FT faculty + | 32 U.S. Patents issued + | 33 Adjusted gross license income received + | 34 Licenses & options executed + | 38 Number of start-up companies + | 35 Upper division STEM enrollment + |
| 2010 | \$110,930 | 90 | 4.6 | 18 | \$319,012 | 16 | \$686,665 | 13 | NA | 4819 |
| 2011 | \$110,921 | 85 | 5.3 | 18 | \$359,051 | 38 | \$716,873 | 14 | NA | 5256 |
| 2012 | \$112,050 | 83 | 4.7 | 18 | \$358,316 | 27 | \$662,148 | 13 | 11 | 5580 |
| 2013 | \$113,372 | 84 | 4.6 | 18 | \$348,602 | 38 | \$575,485 | 18 | 29 | 5846 |
| 2014 | \$122,160 | 94 | 4.8 | 18 | \$334,681 | 35 | \$727,424 | 21 | 103 | 6161 |
| 2015 | \$125,559 | 95 | 4.9 | | | | | | 103 | 6201 |
| Benchmark* | \$109,010 | 85% | | 16.3 | \$303,280 | NA | NA | P | | |

| Stewardship | | | | Effectiveness & Efficiency | | | | | |
|-------------|--|--|--|---|---------------------------------------|--|---|------------------------------------|---|
| Year | 41 Expend. for instr. as % of oper. expend. (Excl. auxil./hosp.) + | 42 Expend. for admin. as % of oper. expend. (Excl. auxil./hosp.) - | 43 Fund balance increase: goal achievement + | 44 % of fundraising goal achieved + | 51 Classroom utilization rate + | 52 Facilities renewal \$ as % of replacement value + | 53 % of undergrad. credits from non-tradit. methods + | 54 Time to degree in years - | 55 Tching. workload courses per FTE faculty + |
| 2010 | 33% | 7% | Met goal | 97% | 69% | 2.1% | 14.4% | 4.2 | 5.8 |
| 2011 | 31% | 7% | Met goal | 94% | 67% | 1.5% | 15.1% | 4.3 | 5.8 |
| 2012 | 32% | 7% | Met goal | 120% | 71% | 1.5% | 16.6% | 4.2 | 5.6 |
| 2013 | 32% | 8% | Met goal | 109% | 69% | 1.7% | 17.7% | 4.0 | 5.6 |
| 2014 | 32% | 8% | Did not meet goal | 127% | 71% | 1.4% | 21.0% | 4.2 | 5.6 |
| 2015 | | | Met goal | 145% | 71% | 1.2% | | 4.1 | 5.4 |
| Benchmark* | 35% | 8% | B | 100% | 66% | 0.2% increase | 10.0% | 5.5 | |

Note 1: Institutional goal on this measure is not appropriate to the enrollment management process used at UMCP.

Note 2: Institution awards financial aid on more specific institutional aid priorities; therefore, a goal for this measure is inappropriate for UMCP.

University of Maryland, Eastern Shore
Dashboard Indicators, March 2016

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** Measure used by U.S. News*

As of 3/24/2016

* Benchmark = Comparison to external standard (P = peers; B = BOR policy; N = national standard; S = State policy; I = institutional goal)

| Student: Access, Affordability, and Attainment | | | | | | | | | | | Alumni | |
|--|--------------------------------|-----------------------------|-------------------------------|--|---|---------------------------------|---|---|--|---|--------|--|
| Year | 1 Average SAT | 2 6-year graduation rate | 3 2nd year retention rate* | 4 Afr.-Amer., Hispan., Nat. Amer. as % of UGs | 5 % of applicants admitted (new freshmen & transfer students) | 6 MD comm. college transfers | | | 10 Average (2-yr.) alumni giving rate | | | |
| 2010 | 857 | 32% | 67% | 80% | 53% | 73 | | | 4.2% | | | |
| 2011 | 879 | 31% | 68% | 79% | 58% | 90 | | | 3.8% | | | |
| 2012 | 880 | 32% | 67% | 76% | 58% | 86 | | | 3.0% | | | |
| 2013 | 861 | 32% | 68% | 75% | 57% | 135 | | | 2.5% | | | |
| 2014 | 844 | 37% | 70% | 75% | 63% | 181 | | | 3.3% | | | |
| 2015 | | | | | 51% | 152 | | | | | | |
| Benchmark* | 840-1012 (25th & 75th %ile) | 45% | 73% | 54% | 62% | 53 | P | I | | I | | |

| Faculty | | | Affordability | | | Economic Dvlp. | | Workforce Dvlp. | |
|------------|----------------------------|--------------------------------------|--------------------------------|--|--|---|--|------------------------------------|--|
| Year | 21 Aver. faculty salary | 22 Wgtd. aver faculty salary %ile | 24 Student to Faculty Ratio | 7 Resident UG tuition & fees (Yr. beginning) % chg. | 8 % of undergrads receiving financial aid | 9 Average* undergraduate debt burden upon graduation | 31 Total R&D expendit. per FT faculty | 38 Number of start-up companies | 35 Upper division enrollment enrollment |
| 2010 | \$71,201 | 59 | 17 | \$6,305 | 2% | 90% | \$50,944 | NA | 394 |
| 2011 | \$70,572 | 63 | 16 | \$6,482 | 3% | 98% | \$67,604 | NA | 413 |
| 2012 | \$72,172 | 65 | 16 | \$6,713 | 4% | 88% | \$51,162 | 5 | 391 |
| 2013 | \$70,881 | 61 | 14 | \$6,998 | 4% | 88% | \$54,774 | 2 | 403 |
| 2014 | \$70,881 | 72 | 14 | \$7,287 | 4% | 86% | \$54,442 | 1 | 425 |
| 2015 | \$70,881 | 68 | | \$7,625 | 5% | 87% | | 0 | 369 |
| Benchmark* | \$76,823 | 85% | 16.6 | | P | 89% | \$24,847 | P | |

| Stewardship | | | | Effectiveness & Efficiency | | | | | |
|-------------|---|---|---|--------------------------------------|----------------------------------|--|--|-------------------------------|--|
| Year | 41 Expend. for instr. as % of oper. expend. (Excl. auxil./hosp.) | 42 Expend. for admin. as % of oper. expend. (Excl. auxil./hosp.) | 43 Fund balance increase: goal achievement | 44 % of fundraising goal achieved | 51 Classroom utilization rate | 52 Facilities renewal \$ as % of replacemt. value | 53 % of undergrad. credits from non-tradit. methods | 54 Time to degree in years | 55 Tching. workload courses per FTE faculty |
| 2010 | 36% | 12% | Met goal | 119% | 73% | 0.6% | 6.9% | 4.3 | 9.3 |
| 2011 | 38% | 13% | Met goal | 232% | 71% | 0.6% | 10.1% | 4.3 | 8.1 |
| 2012 | 37% | 12% | Met goal | 138% | 69% | 0.6% | 10.9% | 4.6 | 7.6 |
| 2013 | 41% | 12% | Did not meet goal | 75% | 69% | 0.7% | 13.9% | 4.7 | 8.1 |
| 2014 | 39% | 13% | Did not meet goal | 115% | 69% | 0.2% | 14.8% | 4.8 | 7.4 |
| 2015 | | | Met goal | 95% | 69% | 0.2% | | 4.9 | 7.2 |
| Benchmark* | 44% | 14% | B | 100% | 66% | 0.2% increase | 10.0% | | 7.5 |

University of Maryland University College

Dashboard Indicators, March 2016

As of 3/24/2016

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** Measure used by U.S. News*

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| Student: Access, Affordability, and Attainment | | | | | | | | | |
|--|--|---|---|--|---|---------------------------------|--|---|-----------|
| Stateside | | | | | | | | | Worldwide |
| Year | 1-UMUC Total undergraduate headcount enrollment + | 4 Afr.-Amer. Hispan., Nat. Amer. as % of UGs + | 2-UMUC African-Amer. as % of total UGs + | 3-UMUC % of students who are economically disadvantaged + | 4-UMUC % of students who are 25 years of age or older NC | 6 MD comm. coll. transfers + | 6-UMUC Number of stateside online courses + | 7-UMUC Number of worldwide online enrollments (students x classes enrolled in) + | |
| 2010 | 24,284 | 40% | 32% | 40% | 83% | 2750 | 813 | 222,268 | |
| 2011 | 25,693 | 41% | 33% | 41% | 83% | 2944 | 836 | 234,243 | |
| 2012 | 28,119 | 42% | 34% | 43% | 83% | 2,997 | 941 | 262,708 | |
| 2013 | 28,273 | 44% | 31% | 47% | 83% | 2,840 | 978 | 261,101 | |
| 2014 | 26,740 | 46% | 29% | 50% | 83% | 2,574 | 981 | 243,303 | |
| 2015 | 35,154 | 50% | 27% | 49% | 80% | 3,075 | 956 | 248,104 | |
| Benchmark* | >22300 | 19% | | Maintain or increase | ≥80% | ≥2800 | Maintain or increase | ≥175,000 | |

| Affordability | | | | Economic Dvlp. | | | Workforce Development | | | Alumni | |
|---------------|---|--|--------|---|---|--------------------------------------|-----------------------|--|--|--------|--|
| Year | 7 Resident UG tuition & fees (Yr. beginning) | 8 % of undergrads receiving financial aid + | | Worldwide | Stateside | | | | 10 Average (2-yr.) alumni giving rate + | | |
| | % chg. | | | 8-UMUC Total no. of off campus or distance education enrollments + | 10-UMUC No. of technology & management post-baccalaureates awarded + | 35 Upper division STEM enrollment | | | | | |
| 2010 | \$6,078 | 4% | 40% | 282,627 | 2,064 | 3550 | | | 2.3% | | |
| 2011 | \$6,246 | 3% | 61% | 296,492 | 2,532 | 4256 | | | 2.2% | | |
| 2012 | \$6,474 | 4% | 47% | 327,608 | 2,816 | 4969 | | | 2.4% | | |
| 2013 | \$6,642 | 3% | 47% | 318,074 | 2,864 | 5401 | | | 2.0% | | |
| 2014 | \$6,834 | 3% | 52% | 294,226 | 3,225 | 6613 | | | 1.8% | | |
| 2015 | \$7,146 | 5% | 51% | 294,568 | 3,283 | 6989 | | | | | |
| Benchmark* | | P | 25-30% | >251,000 | ≥1300 | | | | | | |

| Stewardship | | | | | Effectiveness & Efficiency | | | | |
|-------------|--|---|---|--|--|--|--|--|--|
| Worldwide | | | Stateside | | Stateside | | | | |
| Year | 41 Expend. for instruction as % of oper. expend. (Excl. auxil./hosp.) + | 42 Expend. for admin. as % of oper. expend. (Excl. auxil./hosp.) - | 43 Fund balance increase: goal achievement + | 44 % of fundraising goal achieved + | 11-UMUC Operating budget savings as % of state-supported budget + | | | | |
| 2010 | 30% | 16% | Met goal | 54% | 2% | | | | |
| 2011 | 30% | 16% | Met goal | 96% | 2% | | | | |
| 2012 | 29% | 13% | Met goal | 52% | 2% | | | | |
| 2013 | 28% | 13% | Met goal | 90% | 2% | | | | |
| 2014 | 29% | 14% | Met goal | 133% | 2% | | | | |
| 2015 | | | Met goal | 52% | 2% | | | | |
| Benchmark* | 40% | 19% | B | 100% | 2% | | | | |

University of Maryland Center for Environmental Sciences
 Dashboard Indicators, March 2016

As of 3/24/2016


* Benchmark = Comparison to external standard (P = peers; B = BOR policy; N = national standard; S = State policy; I = institutional goal)


| National Eminence/Quality | | | | | | | |
|---------------------------|---|---|--|--|---|---|---|
| Year | Students | | Faculty | | | | |
| | 1-UMCES Average GRE score of incoming students directed by UMCES faculty | | 2-UMCES Number of peer reviewed publications by UMCES faculty | 3-UMCES Number of citations per peer reviewed publication | 9 - UMCES Total R&D expendit. per Core faculty** | | |
| 2010 | 1184 | | 177 | 32.3 | \$627,500 | | |
| 2011 | 1199 | | 141 | 34.0 | \$704,323 | | |
| 2012 | 1297 | | 184 | 35.7 | \$688,914 | | |
| 2013 | 1232 | | 168 | 35.9 | \$675,770 | | |
| 2014 | 1250 | | 200 | 38.3 | | | |
| 2015 | 1250 | | | | | | |
| Benchmark* | | I | | I | | I | I |

| Workforce & Economic Development | | | | | |
|----------------------------------|---|---|--|--|----------|
| Year | 5-UMCES Number of UMCES-sponsored Chesapeake Bay restoration projects | 6-UMCES Number of K-12 teachers trained in UMCES environmental projects | 7-UMCES Number of K-12 students involved in UMCES environmental education projects | 8-UMCES Total R&D expenditures (000s) | |
| | 2010 | 181 | 420 | 11,000 | \$42,670 |
| 2011 | 185 | 429 | 11,000 | \$50,007 | |
| 2012 | 209 | 377 | 11,000 | \$48,224 | |
| 2013 | 183 | 442 | 11,000 | \$53,683 | |
| 2014 | 229 | 608 | 11,000 | \$50,814 | |
| 2015 | 214 | 888 | 11,000 | | |
| Benchmark* | | I | | I | |

| Year | Stewardship | | Effectiveness & Efficiency | |
|------------|---|--|----------------------------|--|
| | 43 Fund balance increase: goal achievement | 44 % of fundraising goal achieved | | 52 Facilities renewal \$ as % of replacemt. value |
| 2010 | Met goal | 98% | | 0.2% |
| 2011 | Met goal | 35% | | 0.2% |
| 2012 | Met goal | 238% | | 0.4% |
| 2013 | Did not meet goal | 180% | | 0.8% |
| 2014 | Met goal | 95% | | 0.4% |
| 2015 | Met goal | | | 0.3% |
| Benchmark* | | 100% | | 0.2% increase |

IMPROVEMENT – a comparison with past performance

If currently at or above the average of the 3 previous years:  Green

If currently below the average of the 3 previous years:  Red

ADEQUACY – a comparison with peer, BOR policy, national standard, state policy or institutional

If currently at or above the benchmark  Green

If currently below the benchmark  Red

Anatomy of a Dashboard Indicator

1. Indicator number -
(use to look up definitions,
sources)

5

2. Indicator -
(* means this
is used in US News
ratings)

Acceptance rate
for freshmen*

3. Desired direction
of measure over time
(This measure should
decrease over time.
Could also be + or NC.)

| Year | |
|------|-----|
| 2006 | 54% |
| 2007 | 61% |
| 2008 | 57% |
| 2009 | 55% |
| 2010 | |

4. Year of data

5. Color code for
IMPROVEMENT
(trend)



6. peer data
compare to
italicized data

Benchmark

70%

8. Color code for
ADEQUACY
(benchmark comparison)



7. Benchmark data

9. Letter indicates benchmark group
(Peers, Natl. std., BOR policy, State
policy, Institutional goal).

DESCRIPTION OF DASHBOARD INDICATORS, MARCH 2016

USM

CORE INDICATORS

| Student: Access, Affordability, and Attainment | | | | |
|---|---|---|--|--|
| <u>#</u> | <u>Indicator</u> | <u>What it measures</u> | <u>Calculation</u> | <u>Source of data</u> |
| 1 | Average SAT | Relative quality of new 1 st -time full-time freshmen | Combined average of SAT Math & Verbal scores | USM, Admin. & Finance, EIS |
| 2 | 6-year graduation rate | Relative quality of new 1 st -time full-time freshmen & their success in college | Students graduating at the end of 4 years & 5 years & 6 years divided by the total adjusted cohort of freshmen beginning 6 years earlier at the same institution | NCES, IPEDS, Graduation Rates survey |
| 3 | Second-year retention rate | Relative quality of new freshmen & their success in their freshman year | 3 year average of the % of 1 st -time full-time degree-seeking freshmen who return the following fall | NCES, IPEDS, Retention Survey |
| 4 | African-Americans, Hispanics, & Native Americans as percent of total undergraduates | Access | African-American, Hispanic, & Native American undergraduates as % of total undergraduates | NCES, IPEDS, Fall Enrollment Survey |
| 5 | Demand: Percent of applicants who were admitted | % of actual demand that is being met by USM institutions | New freshmen & transfer students who were admitted divided by total new freshmen & transfer students who applied | USM, Admin. & Finance, AIS |
| 6 | Maryland community college transfers | Success of MD community college transfers in gaining access to USM institutions | All new undergraduate transfers from MD's community colleges | USM, Admin. & Finance, TSS |
| 7 | Resident undergraduate tuition & fees | Rates of increase in tuition & fees for full-time resident undergraduates as indicator of affordability | Dollar amounts and percent increases over the previous year | USM, Admin. & Finance, Chronicle of Higher Education |

| # | Indicator | What it measures | Calculation | Source of data |
|----------------|---|---|---|--|
| 8 | Percent of undergraduates receiving financial aid | Access & affordability | Unduplicated undergraduate headcount students; <u>all</u> types of financial aid: grants, all types of loans, work study, scholarships | USM, Admin. & Finan., Financial Aid report (FAIS) |
| 9 | Average undergraduate debt burden upon graduation | Affordability | Average debt for undergraduates who graduated in the specified year & who borrowed money to finance their education | U.S. News, Ultimate College Guide |
| 10 | Average alumni giving rate | Alumni view of their education and institution | Two-year average of the % of alumni of record who donated money to the university | CAE, Voluntary Support of Education |
| Faculty | | | | |
| 21 | Average faculty salary | Ability to attract outstanding faculty | Average salary by rank weighted by number of faculty at that rank. Average is weighted figure. Benchmark is weighted average for 3 tenure-track ranks of all institutions in same Carnegie group. | AAUP, Annual Survey of Faculty Salaries |
| 22 | Weighted average faculty salary %ile | Relative strength in attracting outstanding faculty | %ile for each rank shows relative standing nationally. %ile at each rank is weighted by number of faculty at that rank to determine weighted average faculty salary percentile for all ranks. | AAUP, Annual Survey of Faculty Salaries |
| 23 | Awards per 100 full-time faculty (over 5-year period) | Third-party validation of the quality, reputation & promise of faculty members & their research | Cumulative number of selected prestigious awards over a 5-yr. period per 100 full-time instructional tenure-track faculty. Awards: Fulbright Scholarships, Guggenheim Fellowships, National Endowment for the Humanities Fellowships, NSF CAREER awards, & Sloan Fellowships. | USM, Admin. & Finance for awards; AAUP for faculty members |

| | | | | |
|---|--|---|---|--|
| 24 | Student to faculty ratio | Number of faculty available to students. | FTE students per FTE instructional faculty. | IPEDS, Fall Enrollment Survey |
| Economic & Workforce Development | | | | |
| # | <u>Indicator</u> | <u>What it measures</u> | <u>Calculation</u> | <u>Source of data</u> |
| 31 | Total R&D expenditures per full-time faculty | Contribution of R&D expenditures as a tool of economic development | Total R&D expenditures per full-time instructional faculty | NSF for R&D expenditures; AAUP for number of faculty |
| 32 | U.S. Patents issued | University's contribution to economic development, since patent protection is important in providing the incentive for companies to commercialize research discoveries | U.S. Patents issued or reissued to the university | AUTM, Licensing Survey |
| 33 | Adjusted gross license income received | Success of technology transfer efforts | Includes: license issue fees, payment under licensing options, annual minimums, running royalties, termination payments, amount of equity received when cashed in, & software & biological material end-user fees equal to \$1,000 or more. Excludes license income paid to other institutions under inter-institutional agreements | AUTM, Licensing Survey |
| 34 | Licenses & options executed | Commercial interest in a university's research. Transfer of research from university to commercial interests is accomplished through the licensing of intellectual property by the institution to industry. | Self-explanatory | AUTM, Licensing Survey |

| | | | | |
|--------------------|--|---|---|-----------------------------|
| 35 | Upper Division STEM enrollment | A leading indicator of future STEM production | Count of all Junior and Senior level majors in Hegis discipline Areas: 01 Agriculture and Natural Resources, 04 Biological Sciences, 07 Computer and Information Science, 09 Engineering, 17 Mathematics, 19 Physical Science. In addition, Science and Mathematics education are included: Hegis 0833 and 0834 | MHEC EIS |
| 38 | Number of start-up companies | Success in economic development activities | The total of all new companies in the following categories: TIER 1 - University-Owned, IP-based companies & TIER 2 Venture Accelerator/Mentoring or Companies Recruited to the BioPark and Research Parks from Out-of-State or SBDC Mentoring | Institutional reporting |
| Stewardship | | | | |
| 41 | Expenditures for instruction as percent of total operating expenditures | Relative amount spent on instruction, which is the university's primary mission | Instructional expenditures divided by total operating expenditures minus auxiliary & hospital expenditures. <i>For this calculation:</i> At UMB, 1 st professional students = 4 FTEs. At UB, graduate & 1 st professional students = 1.8 FTEs. | NCES, IPEDS, Finance Survey |
| 42 | Expenditures for administration as percent of total operating expenditures | Relative amount spent on administration, indicating how prudently the resources are used. | Institutional support expenditures divided by total operating expenditures minus auxiliary & hospital expenditures. <i>For this calculation:</i> At UMB, 1 st professional students = 4 FTEs. At UB, graduate & 1 st professional students | NCES, IPEDS, Finance Survey |

| | | | | |
|---------------------------------------|--|---|--|--|
| 43 | Fund balance increase goal achievement | Indicates effectiveness of institutional financial management. Sound financial management is a key to continued high bond ratings | Comparison of balance of unrestricted net assets at the beginning and end of a fiscal year | USM Comptroller's office with data from USM's audited financial statements |
| 44 | Percent of fundraising goal achieved | Success of fundraising efforts | Funds raised as % of fundraising goal for the year. It is possible to exceed 100% of this goal, but no more than 100% is expected for this indicator. | USM Foundation |
| Effectiveness & Efficiency | | | | |
| 51 | Classroom utilization rate | Classroom use | Use of general purpose classrooms as % of total available classrooms during a 45-hour week (8-5, M-F). Classrooms include only lecture type classrooms that are owned and operated (scheduled) by the institution. It does not include classrooms that are managed by individual departments. One-time events are generally not reflected in the utilization rate. | USM, Admin. & Finance, Capital Programs |
| 52 | Facilities renewal as percent of replacement value | Expenditures on facilities renewal, enabling evaluation of success in meeting BOR's goal of 2% | Sum of operating facilities renewal & capital facilities renewal as % of replacement value | USM, Admin. & Finance, Capital Planning |

| | | | | |
|------------------------|--|--|---|--|
| 53 | Percentage of undergraduate credits generated by non-traditional methods | Success in achieving BOR's policy | Sum of credits earned in non-traditional methods each year by undergraduates divided by total hours earned by <i>undergraduates</i> (Non-traditional method defined separately for each institution for 2006 report only. See separate listings below.) | USM, Admin. & Finance, Institutional Research |
| 54 | Time to Degree | Success in shortening the overall time to degree | The average of time to degree of all students completing a degree within a 7 year time horizon. | USM, Admin. & Finance, Institutional Research, MHEC EIS and DIS |
| 55 | Teaching workload: courses per FTE faculty | Success in achieving BOR policy of increasing teaching workload | Number of courses divided by number of FTE core instructional faculty, both tenure-track & non-tenure track | USM, Admin. & Finance, "Annual Report on the Instructional Workload of the USM Faculty," Table 4 |
| External Fiscal | | | | |
| External Fiscal-1 | Funding guideline percent achieved | % of the peer target which is attained by each USM institution. A proxy for quality. | Total of tuition & fee revenues & state approp. compared with those at the peer target | USM, Admin. & Finance, Budget Office |
| External Fiscal-2 | Operating expenditures per FTE student | A proxy for quality of a university, assuming that quality is related in part to the dollars spent per student | Operating expenditures minus expenditures for auxiliaries & hospitals per FTE students. <i>For this calculation:</i> At UMB, 1 st professional students = 4 FTEs. At UB, graduate & 1 st professional students = 1.8 FTEs. | NCES, IPEDS, Finance Survey and Fall Enrollment Survey. |
| External Fiscal-3 | State appropriations per FTE student | Level of state general funds support for the university | State appropriations divided by adjusted FTE students. <i>For this calculation:</i> At UMB, 1 st professional students = 4 FTEs. At UB, graduate & 1 st professional students = 1.8 FTEs. | NCES, IPEDS, Finance Survey and Fall Enrollment Survey |

SYSTEMWIDE INDICATORS

| Student: Access, Affordability, and Attainment | | | | |
|---|--|--|--|---|
| # | Indicator | What it measures | Calculation | Source of data |
| S2 | 6-year graduation rate | Relative quality of new 1 st -time full-time freshmen & their success in college | Students graduating at the end of 4 years & 5 years & 6 years divided by the total adjusted cohort of freshmen beginning 6 years earlier at the same institution | NCES, IPEDS, Graduation Rates survey |
| S3 | Second-year retention rate | Relative quality of new freshmen & their success in their freshman year | % of 1 st -time full-time degree-seeking freshmen who return the following fall | NCES, IPEDS, Retention Survey |
| S4 | Minorities as percent of total undergraduates | Access | African-American, Hispanic, & Native American undergraduates as % of total undergraduates | NCES, IPEDS, Fall Enrollment Survey |
| S5 | Percent of total projected demand met | How well projected undergraduate demand is being met by USM institutions | Actual undergraduate headcount enrollment as % of gross demand | USM, Admin. & Finance, Enrollment Demand Study |
| S6 | Maryland community college transfers | Success of MD community college transfers in gaining access to USM institutions | All new undergraduate transfers from MD's community colleges | USM, Admin. & Finance, TSS |
| S7 | Average weighted undergraduate tuition & fees | Rates of increase in tuition & fees for full-time resident undergraduates as indicator of affordability | Tuition & fees at each institution weighted by undergraduate FTE enrollment. Average for USM institutions. | Chronicle of Higher Education |
| S11 | Percent of Maryland market share (public/private/community colleges) | Success of USM in maintaining its market share of students attending college in Maryland | USM undergraduates as % of total undergraduates attending MD's public & private universities & community colleges | MHEC, Trend Book; USM, Admin. & Finance, Opening Fall Enrollment data |
| S12 | Institutional financial aid for undergraduates as percent of undergraduate tuition revenue | Whether increases in institutional financial aid to undergraduates are keeping up with increases in undergraduate tuition & fees | Self-explanatory | USM, Admin. & Finance, FAIS; USM, Admin. & Finance, Financial Aid Report, issued annually |

| | | | | |
|---|---|---|--|---|
| S13 | Institutional financial aid for undergraduate students (Millions) | Degree of commitment to financial aid | Self-explanatory | USM, Admin. & Finance, FAIS; USM, Admin. & Finance, Financial Aid Report, issued annually |
| Faculty | | | | |
| S21-1 | Average faculty salary (Research universities) | Ability to attract outstanding faculty | Average salary by rank weighted by number of faculty at that rank. Only tenure track ranks are included. Average is weighted figure. | AAUP, Annual Survey of Faculty Salaries |
| S21-2 | Average faculty salary (Master's universities) | Ability to attract outstanding faculty | Average salary by rank weighted by number of faculty at that rank. Only tenure track ranks are included. Average is weighted figure. | AAUP, Annual Survey of Faculty Salaries |
| S22 | Weighted average faculty salary %ile | Relative strength in attracting outstanding faculty | %ile for each rank shows relative standing nationally. %ile at each tenure track rank is weighted by number of faculty at that rank to determine weighted average faculty salary percentile for all ranks. | AAUP, Annual Survey of Faculty Salaries |
| Economic & Workforce Development | | | | |
| S32 | U.S. Patents issued | University's contribution to economic development, since patent protection is important in providing the incentive for companies to commercialize research discoveries | U.S. Patents issued or reissued to the university | AUTM, Licensing Survey |
| S34 | Licenses & options executed | Commercial interest in a university's research. Transfer of research from university to commercial interests is accomplished through the licensing of intellectual property by the institution to industry. | Self-explanatory | AUTM, Licensing Survey |

| | | | | |
|--------------------|--------------------------------------|--|---|--|
| S35 | Upper division STEM enrollment | | Count of all Junior and Senior level majors in Hegis discipline Areas: 01 Agriculture and Natural Resources, 04 Biological Sciences, 07 Computer and Information Science, 09 Engineering, 17 Mathematics, 19 Physical Science. In addition, Science and Mathematics education are included: Hegis 0833 and 0834 | MHEC EIS |
| S36 | Number of teaching graduates | Number of graduates in an occupation experiencing critical workforce shortages | Number of students graduating from undergraduate & graduate programs who are prepared to teach in MD. Teacher education grads eligible for certification. | USM roll-up for System MFR |
| S37 | Number of nursing graduates | Number of graduates in an occupation experiencing critical workforce shortages | Number of students graduating from undergraduate & graduate nursing programs | USM, Admin. & Finance, DIS |
| S38 | Number of start-up companies | Success in economic development activities | The total of all new companies in the following categories: TIER 1 - University-Owned, IP-based companies & TIER 2 Venture Accelerator/Mentoring or Companies Recruited to the BioPark and Research Parks from Out-of-State or SBDC Mentoring | Institutional reporting |
| Stewardship | | | | |
| S41 | State appropriations per FTE student | Level of state general funds support for the university | State appropriations divided by adjusted FTE students. <i>For this calculation:</i> At UMB, 1 st professional students = 4 FTEs. At UB, graduate & 1 st professional students = 1.8 FTEs. | NCES, IPEDS, Finance Survey and Fall Enrollment Survey |

| | | | | |
|-----|---|--|--|--|
| S42 | System Office administrative expenditures as percent of the System's total operating expenditures | Relative amount spent on administration at the System Office, an indication of how prudently the resources are used | Institutional support (administrative) expenditures at the System Office as % of total USM operating expend. (with no deductions). This represents total operating expenditures at all USM institutions, including UMBI, UMCES & the USM Office, but the administrative expenditures are those of the USM Office only. | NCES, IPEDS, Finance Survey |
| S43 | Unrestricted net assets to debt ratio | Financial health of an institution at fiscal year's end and indication of how well System is managing its finances | Ratio of reserves to debt outstanding | USM, Admin. & Finance, Comptroller |
| S44 | System fund balance increase: goal achievement | Indicates effectiveness of systemwide financial management. Sound financial management is a key to continued high bond ratings | Comparison of balance of unrestricted net assets at the beginning and end of a fiscal year | USM Comptroller's office with data from USM's audited financial statements |
| S45 | Credit rating (Moody's) | Third party validation of the financial health of the System | Self-explanatory | USM, Admin. & Finance |
| S46 | Percent of annual fundraising dedicated to endowment | Success of fundraising efforts | Fund-raising cash dedicated to endowment divided by total cash donations in a year | CAE, Voluntary Support of Education |
| S47 | Total funds raised (annual) | Success of fundraising efforts | Self-explanatory | USM Foundation |
| S48 | Operating expenditures per FTE student | A proxy for quality of a university, assuming that quality is related in part to the dollars spent per student | Operating expenditures minus expenditures for auxiliaries & hospitals per FTE students. <i>For this calculation:</i> At UMB, 1 st professional students = 4 FTEs. At UB, graduate & 1 st professional students = 1.8 FTEs. | NCES, IPEDS, Finance Survey and Fall Enrollment Survey. |
| S49 | Funding guideline percent achieved | % of the peer target which is attained by each USM institution. A proxy for quality. | Total of tuition & fee revenues & state approp. compared with those at the peer target | USM, Admin. & Finance, Budget Office |

| Effectiveness & Efficiency | | | | |
|---------------------------------------|--|--|--|---|
| S51 | Facilities utilization | Classroom use | % of total available classrooms used during a 45-hour week (8-5, M-F) divided by standard utilization rate | USM, Admin. & Finance, Capital Programs |
| S52 | Facilities renewal as percent of replacement value | Expenditures on facilities renewal, enabling evaluation of success in meeting BOR's goal of 2% | Sum of operating facilities renewal & capital facilities renewal as % of replacement value | USM, Admin. & Finance, Capital Programs |
| S53 | Percentage of undergraduate credits generated by non-traditional methods | Success in achieving BOR's policy | Sum of credits earned in non-traditional methods each year by undergraduates divided by total hours earned by undergraduates | USM, Admin. & Finance, Institutional Research |
| S54 | Time to degree | Success in shortening the overall time to degree | The average of time to degree of all students completing a degree within a 7 year time horizon. | USM, Admin. & Finance, Institutional Research, MHEC EIS and DIS |

ENVIRONMENTAL INDICATORS

| # | <u>Indicator</u> | <u>What it measures</u> | <u>Calculation</u> | <u>Source of data</u> |
|----------|--|---|---------------------------|---|
| E1 | Percent of Maryland residents with at least bachelor's degree | Importance of college degrees to Maryland's economy | Self-explanatory | U.S. Census Bureau, American Fact Finder, 2013 via Web (www.census.gov), Table S1501, Census Bureau Population Estimates. |
| E2 | Doctoral scientists, engineers & health professionals employed in Maryland | Importance of advanced degrees to Maryland's economy | Self-explanatory | NSF, <u>Science & Engineering State Profiles. 2013 (updated May 27, 2014, Data from 2010).</u> |
| E4 | Science & engineering doctorates awarded | Production of science & engineering doctorates by Maryland's universities | Self-explanatory | NSF, <u>Science & Engineering State Profiles. 2013 (updated May 27, 2014. (Data from 2012).</u> |

| # | <u>Indicator</u> | <u>What it measures</u> | <u>Calculation</u> | <u>Source of data</u> |
|-----|--|--|---|---|
| E5 | Per capita personal income | Relative wealth of Maryland's residents | Includes Maryland residents only | U.S. Census Bureau, Population Estimates Program, Table: GCT-T1; Population Estimates Data Set; U.S. Dept. of Commerce, Bureau of Economic Analysis, Table 1: Personal Income, by State & Region. |
| E6 | Unemployment rate (June) | Relative health of Maryland's economy | Seasonally adjusted for June | U.S. Dept. of Labor, Bureau of Labor Statistics, Local Area Unemployment Statistics, Tables LASST24000003 (MD) & LNS14000000 (US) |
| E7 | Number of SBIR awards (4 yrs.) | Small Business Innovation Research program awards to Maryland businesses | Self-explanatory | NSF, <u>Science & Engineering State Profiles, 2013</u> . (Data from 2011). |
| E8 | Academic R&D expenditures in science & engineering | Amount of research expenditures by Maryland's universities, public and private | Expenditures for R&D from all sources: federal, state & local govt., industry, institutional funds, & other sources | NSF, Academic R&D Expenditures, FY 2004-13, Table 77. |
| E12 | Persons in science & engineering occupations as % of workforce | How well Maryland is adapting to high-tech economy | Self-explanatory. High-tech industries are defined by specified NAICS* codes. | NSF, <u>Science and Engineering Indicators 2014</u> , Table 8-34. (Data from 2012). |
| E14 | Average high-tech wage | Importance of R&D in Maryland and level of wages compared to other those in other states | Total annual payroll in high-tech manufacturing & services divided by average annual employment in high-tech | Tech America Foundation, <u>Cyberstates</u> , 2013. (2012 data) |
| E15 | High-tech establishments as % of all business establishments | Importance of high-tech in contributing to Maryland's economic development | Self-explanatory | NSF, <u>Science and Engineering Indicators 2014</u> , Table 8-53. (Data from 2010). |
| | | Third-party validation of the | Self-explanatory | NSF, <u>Science and</u> |

| # | Indicator | What it measures | Calculation | Source of data |
|----------|--|---|---|---|
| E16 | Venture capital disbursed per \$1,000 of GDP (Gross Domestic Product) | importance of high-tech ventures in Maryland's economy | | Engineering Indicators 2014 , Table 8-57. (Data for 2012). |
| E17 | State general funds for higher education per \$1,000 of personal income | State's support of higher education compared with relative wealth of residents | Self-explanatory. Includes all of higher education that receives state general funds | Illinois State University, Center for the Study of Education Policy, Grapevine |
| E18 | State general funds for higher education per capita | State's support of higher education | Self-explanatory. Includes all of higher education that receives state general funds | Illinois State University, Center for the Study of Education Policy, Grapevine |
| E19 | State general funds for higher education per headcount student | State's support of higher education | Self-explanatory. Includes all of higher education that receives state general funds | Illinois State University, Center for the Study of Education Policy, Grapevine |
| E20 | Tuition & fees (USM) as percent of Maryland's per capita personal income | Extent to which the burden of financing a higher education falls on students when compared to state's relative wealth | Self-explanatory | U.S. Dept. of Commerce, Bureau of Economic Analysis, State Personal Income; Chronicle of Higher Education |
| E21 | Skip | | | |
| E22 | University R&D expenditures in life sciences | Importance of R&D in the life sciences within Maryland's economy (all universities) | Self-explanatory | NSF, Higher Education R&D Expenditures, by state, institution, R&D field, FY 2013, Table 67. |
| E23 | Current population estimates | For comparison purposes | Self-explanatory | U.S. Census Bureau |
| E24 | New Economy Index: Overall ranking | How well Maryland is competing in the new, knowledge-based economy | Based upon relative standing among the states on a series of measures relative to the new economy | Information Technology & Innovation Foundation (ITIF), 2014 State New Economy Index , June 2014. |
| E25 | New Economy Index: Knowledge jobs | Skill- and education-levels of the workforce | Based upon relative standing among the states on five related measures | Same as above |
| E26 | New Economy Index: Globalization | Degree of integration into the world economy | Based upon relative standing among the states on three related measures | Same as above |
| E27 | New Economy Index: Economic dynamism | Vitality of the state's economy | Based upon relative standing among the states on five related measures | Same as above |
| E28 | New Economy Index: Digital economy | Degree to which business and economic transactions are conducted through digital electronic means | Based upon relative standing among the states on six related measures | Same as above |
| | | How efficiently capital is put | Based upon relative standing | Same as above |

| # | Indicator | What it measures | Calculation | Source of data |
|----------|---|---|---|---|
| E29 | New Economy Index: Innovation capacity | to use | among the states on five related measures | |
| E30 | % of Maryland residents with advanced degrees or more | Importance of graduate and professional degrees to Maryland's economy | Self-explanatory | U.S. Census Bureau, American Fact Finder, 2013, Table S1501, Census Bureau, Population Estimates, via Web (www.census.gov). |

* North American Industry Classification System (NAICS)

** U.S. Department of Labor, BLS Standard Occupational Classification (SOC) code

DESCRIPTION OF DASHBOARD INDICATORS

SPECIFIC USM INSTITUTIONS

| INSTITUTION – SPECIFIC INDICATORS – UNIVERSITY OF BALTIMORE | | |
|--|---|---|
| # | Indicator | Source of data |
| 1-UB | Percent of graduates who pass bar exam on initial attempt | UB, MFR |
| 2-UB | Sponsored research dollars per full-time faculty | UB, MFR |
| 3-UB | Percent of part-time faculty | IPEDS, Employees by Assigned Position (Peer Performance Measures) |
| 4-UB | Number of minority students graduating annually (all levels) | UB, MFR |
| 5-UB | Percent of students who are economically disadvantaged | UB, MFR |
| | | |
| 7-UB | Percent of students involved with non-traditional learning activities | UB, MFR |

| INSTITUTION – SPECIFIC INDICATORS – UNIVERSITY OF MARYLAND BALTIMORE | | |
|---|--|---|
| # | Indicator | Source of data |
| 1-UMB | Passing rate on Bar exam | ABA-LSAC, <u>Official Guide to ABA-Approved Law Schools</u> (Peer Performance Measures) |
| 2-UMB | Passing rate on Medical licensure exam | UMB, IR office (Peer Performance Measures) |
| 3-UMB | Passing rate on Nursing licensure exam | UMB, IR office (Peer Performance Measures) |
| 4-UMB | Passing rate on Dentistry licensure exam | UMB, IR office (Peer Performance Measures) |
| 5-UMB | National ranking NIH awards to medical schools (public only) | UMB, MFR, IR office |
| 6-UMB | National ranking NIH awards to dental schools (public & private) | UMB, MFR, IR office |
| 7-UMB | Number of specialty law programs ranked among top 10 nationally | UMB, MFR (Data from U.S. News, America’s Best Graduate Schools) |
| 10-UMB | Total headcount enrollment | USM, Admin. & Finance, EIS |
| 11-UMB | Afr. Amer., Hispan., & Native Amer. as percent of total headcount enrollment | NCES, IPEDS, Fall Enrollment Survey (Includes African-American, Hispanic & Native American at <u>all levels</u>) |
| 12-UMB | Graduate & 1 st professional as percent of total headcount enrollment | NCES, IPEDS, Fall Enrollment Survey (Peer Performance Measures) |
| 13-UMB | Grant & contract awards | UMB, IR office, from USM Extramural Funding Report, MFR |
| 14-UMB | Total R&D expenditures in medicine per full-time medical faculty | NSF, Academic R&D Expenditures; UMB, IR office, for faculty numbers |
| 16-UMB | Number of nursing graduates (BSN, MS, PhD) | UMB, IR |
| 17-UMB | Number of pharmacy graduates (PharmD) | UMB, MFR |

| INSTITUTION – SPECIFIC INDICATORS – UNIVERSITY OF MARYLAND BALTIMORE | | |
|---|---|-----------------------|
| # | Indicator | Source of data |
| 18-UMB | Number of dentistry graduates (DDS) | UMB, MFR |
| 19-UMB | Days of charity care provided by clinical medical faculty | UMB, MFR |

| INSTITUTION – SPECIFIC INDICATORS – UNIVERSITY OF MARYLAND UNIVERSITY COLLEGE | | | |
|--|---|----------------------------|-----------------------------------|
| # | Indicator | Stateside/Worldwide | Source of data |
| 1-UMUC | Total undergraduate headcount enrollment (AY) | Stateside | USM office, EIS |
| 2-UMUC | African-Americans as percent of total undergraduates | Stateside | UMUC, IR office, Peer Performance |
| 3-UMUC | Percent of students who are economically disadvantaged | Stateside | UMUC, IR office, MFR |
| 4-UMUC | Percent of students who are 25 years of age or older | Stateside | UMUC, IR office, Peer Performance |
| 6-UMUC | Number of stateside online courses | Stateside | UMUC, IR office, Peer Performance |
| 7-UMUC | Number of worldwide online enrollments (students x classes enrolled in) | Worldwide | UMUC, IR office, Peer Performance |
| 8-UMUC | Total number of off campus or distance education enrollments | Worldwide | UMUC, IR office, MFR |
| 10-UMUC | Number of technology & management post-baccalaureates awarded | Stateside | UMUC, IR office, Peer Performance |
| 11-UMUC | Operating budget savings as percent of state-supported budget | Stateside | UMUC, IR office, MFR |

| INSTITUTION – SPECIFIC INDICATORS – UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCES | | |
|---|---|-------------------------------------|
| # | Indicator | Source of data |
| 1-UMCES | Average GRE score of incoming students directed by UMCES faculty | UMCES, IR office, MFR |
| 2-UMCES | Number of peer reviewed publications by UMCES faculty | UMCES, IR office, MFR |
| 3-UMCES | Number of citations per peer reviewed publication | UMCES, IR office, MFR |
| 5-UMCES | Number of UMCES-sponsored Chesapeake Bay restoration projects | UMCES, IR office, MFR |
| 6-UMCES | Number of K-12 teachers trained in UMCES environmental projects | UMCES, IR office, MFR |
| 7-UMCES | Number of K-12 students involved in UMCES environmental education projects | UMCES, IR office, MFR |
| 8-UMCES | Total R&D expenditures (000s) | NSF, Academic R&D Expenditures; MFR |
| 9-UMCES | Total R&D expenditures per core faculty (including Tenured/Tenure Track and Research Professor Lines) | UMCES, IR office, MFR |

PERFORMANCE PEERS FOR USM INSTITUTIONS 2015

| <u>University</u> | <u>ST</u> | <u>UNITID</u> |
|--------------------------------------|-----------|---------------|
| <u>Bowie State U.</u> | | |
| California State U., Bakersfield | CA | 110486 |
| Humboldt State U. | CA | 115755 |
| Fitchburg State C. | MA | 165820 |
| North Carolina Central U. | NC | 199157 |
| Winston-Salem State U. | NC | 199999 |
| New Jersey City U. | NJ | 185129 |
| William Paterson U. of New Jersey | NJ | 187444 |
| SUNY, New Paltz | NY | 196176 |
| East Stroudsburg U. of Penn. | PA | 212115 |
| Virginia State U. | VA | 234155 |
| <u>Coppin State U.</u> | | |
| California State U., Channel Islands | CA | 441937 |
| California State U., Monterey Bay | CA | 409698 |
| California State U., San Marcos | CA | 366711 |
| Humboldt State U. | CA | 115755 |
| Fayetteville State U. | NC | 198543 |
| North Carolina, U. of, Pembroke | NC | 199281 |
| Winston-Salem State U. | NC | 199999 |
| SUNY at Geneseo | NY | 196167 |
| Virginia State U. | VA | 234155 |
| Evergreen State C. | WA | 235167 |
| <u>Frostburg State U.</u> | | |
| California State U., Northridge | CA | 110608 |
| Sonoma State U. | CA | 123572 |
| Bridgewater State C. | MA | 165024 |
| Fitchburg State C. | MA | 165820 |
| Massachusetts, U. of, Dartmouth | MA | 167987 |
| Western Carolina U. | NC | 200004 |
| Kean U. | NJ | 185262 |
| Buffalo State C. (SUNY) | NY | 196130 |
| SUNY, C. at Potsdam | NY | 196200 |
| Clarion U. of Penn. | PA | 211644 |
| <u>Salisbury U.</u> | | |
| Framingham State C. | MA | 165866 |
| North Carolina, U. of, Wilmington | NC | 199218 |
| Western Carolina U. | NC | 200004 |
| Rowan U. | NJ | 184782 |
| William Paterson U. of New Jersey | NJ | 187444 |
| Buffalo State C. (SUNY) | NY | 196130 |
| SUNY, C. at Brockport | NY | 196121 |
| SUNY, C. at Oswego | NY | 196194 |
| West Chester U. of Penn. | PA | 216764 |
| Radford U. | VA | 233277 |

Towson U.

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|-----------------------------------|----|--------|
| California State U., Fullerton | CA | 110565 |
| Massachusetts, U. of, Dartmouth | MA | 167987 |
| Minnesota State U., Mankato | MN | 173920 |
| Appalachian State U. | NC | 197869 |
| North Carolina, U. of, Charlotte | NC | 199139 |
| North Carolina, U. of, Wilmington | NC | 199218 |
| Montclair State U. | NJ | 185590 |
| Indiana U. of Penn. | PA | 213020 |
| West Chester U. of Penn. | PA | 216764 |
| James Madison U. | VA | 232423 |
| Western Washington U. | WA | 237011 |

Baltimore, U. of

| | | |
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| California State U., East Bay (Hayward) | CA | 110574 |
| California State U., Stanislaus | CA | 110495 |
| Massachusetts, U. of, Dartmouth | MA | 167987 |
| North Carolina Central U. | NC | 199157 |
| New Jersey City U. | NJ | 185129 |
| Rutgers U., Camden | NJ | 186371 |
| CUNY Brooklyn C. | NY | 190549 |
| CUNY Herbert H. Lehman C. | NY | 190637 |
| East Stroudsburg U. of Penn. | PA | 212115 |
| Radford U. | VA | 233277 |

Maryland, U. of, Baltimore

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| California, U. of, Los Angeles | CA | 110662 |
| California, U. of, San Francisco | CA | 110699 |
| Minnesota, U. of, Twin Cities | MN | 174066 |
| North Carolina, U. of, Chapel Hill | NC | 199120 |
| Buffalo, U. at (SUNY) | NY | 196088 |
| Cincinnati, U. of, Main | OH | 201885 |
| Ohio State U., Main | OH | 204796 |
| Pittsburgh, U. of, Main | PA | 215293 |
| Virginia, U. of, Main | VA | 234076 |
| Washington, U. of, Seattle | WA | 236948 |

Maryland, U. of, Baltimore County

| | | |
|----------------------------------|----|--------|
| California, U. of, Riverside | CA | 110671 |
| California, U. of, Santa Cruz | CA | 110714 |
| Massachusetts, U. of, Amherst | MA | 166629 |
| Massachusetts, U. of, Lowell | MA | 166513 |
| North Carolina State U., Raleigh | NC | 199193 |
| New Jersey Institute Tech. | NJ | 185828 |
| Binghamton U. (SUNY) | NY | 196079 |
| SUNY, Albany | NY | 196060 |
| Miami U., Main | OH | 204024 |
| George Mason U. | VA | 232186 |

Maryland, U. of, College Park

| | | |
|--|----|--------|
| California, U. of, Berkeley | CA | 110635 |
| California, U. of, Los Angeles | CA | 110662 |
| University of Illinois, Urbana-Champaign | IL | 145637 |
| University of Michigan, Ann Arbor | MI | 170976 |
| Minnesota, U. of, Twin Cities | MN | 174066 |
| North Carolina, U. of, Chapel Hill | NC | 199120 |
| Rutgers U., New Brunswick/Piscataway | NJ | 186380 |
| Ohio State U., Main | OH | 204796 |
| Pennsylvania State U., Main | PA | 214777 |
| Washington, U. of, Seattle | WA | 236948 |

Maryland, U. of, Eastern Shore

| | | |
|----------------------------------|----|--------|
| California State U., Bakersfield | CA | 110486 |
| Fayetteville State U. | NC | 198543 |
| North Carolina A&T State U. | NC | 199102 |
| North Carolina, U. of, Pembroke | NC | 199281 |
| Winston-Salem State U. | NC | 199999 |
| New Jersey City U. | NJ | 185129 |
| Rutgers U., Camden | NJ | 186371 |
| SUNY, Fredonia | NY | 196158 |
| Lock Haven U. of Penn. | PA | 213613 |
| Virginia State U. | VA | 234155 |

Maryland, U. of, University College

| | | |
|---|----|--------|
| Colorado State University-Global Campus | CO | 476975 |
| Charter Oak State College | CT | 128780 |
| Granite State College | NH | 183257 |
| Thomas Edison State College | NJ | 187046 |