



Report on Revised Comparable Funding Peers

**As Requested on Page 160 of the
Report on the Fiscal 2018
State Operating Budget (HB 150)
And the State Capital Budget (HB 151)
And Related Recommendations**

**Joint Chairmen's Report
2017**

October 4, 2017

In the “Report on the Fiscal 2018 State Operating Budget (HB 150) and the State Capital Budget (HB 151) And Related Recommendations” (Joint Chairmen’s Report), the Budget Committees of the Maryland General Assembly requested that the Maryland Higher Education Commission submit the following report:

“Report on Revised Comparable Funding Peers: Funding guidelines are used to assess how Maryland’s institutions are funded relative to comparable “peer” institutions in Maryland competitor states. Comparable institutions as outlined in the Commission to Develop the Maryland Model for Funding Higher Education report defines peers as those institutions of similar academic scope, comparable size, similar student profile, and same Carnegie classification. However, in the most recent update of peer institutions, peers were selected based only on their Carnegie classification resulting in five University System of Maryland (USM) institutions having the same peer institutions. As a result, the funding guidelines do not allow for an accurate comparison of how Maryland funds its institutions compared to those in competitor states. Therefore, the committees request that the Maryland Higher Education Commission (MHEC), in consultation with USM, Morgan State University, the Department of Legislative Services, and the Department of Budget and Management, revise the funding peer institutions for each public four-year institution to include only those institutions in competitor states with comparable attributes to the “home” Maryland institution. Peers for the University of Maryland, College Park Campus and the University of Maryland, Baltimore Campus should be those institutions comparable to the University of Maryland campuses. The report should be submitted to the budget committees by September 15, 2017.” (2017 Joint Chairmen’s Report, p. 160)

Selection Model: 1999-2010

In 1999, the Secretary of Higher Education formed an Operating Funding Guidelines Committee for the purpose of developing a peer-based model for determining funding levels for public four-year colleges and universities. The Committee was composed of representatives from the public four-year colleges and universities, Maryland community colleges, private independent four-year colleges and universities, the Department of Legislative Services, and the Department of Budget and Management.

The model developed by the Committee selected peer institutions for each Maryland public four-year college or university based upon a number of characteristics. Because it is formula funded, St. Mary’s College of Maryland was not included in the funding guidelines. The first characteristic considered was the Maryland institution’s Carnegie Classification. Peer institutions were limited to those institutions within the United States that had the same Carnegie Classification as the Maryland institution.

Once the groups were limited to the same Carnegie Classification, peer institutions were chosen by performing “cluster analyses” of institutions that were closest to the Maryland institution in a number of characteristics, including levels and racial composition of enrollment, funding levels, numbers and types of degrees awarded, geographic proximity to urban areas, among others. (See Appendix A.) Once selected, the resulting groups of peer institutions were used to determine the adequacy of the funding levels for the Maryland institution.

This method was used beginning in fiscal 2001 and continued to be used through fiscal 2007.

2007 Commission to Develop the Maryland Model for Funding Higher Education

In 2007 and 2008, a subsequent Commission was formed to assess the model for funding higher education in Maryland. This Commission studied all components of State funding for higher education, including funding for four-year public institutions, community colleges, private four-year colleges and universities, and student financial aid. The Commission made several recommendations for calculating the different levels of state funding to higher education.

The Commission recommended changing the method for calculating the funding guidelines for Maryland public four-year colleges and universities. Whereas the model used up to this time selected peers from within the entire United States, the Commission recommended the selection of peer institutions to those from “Competitor States,” or those states with which Maryland competes for employers. The states identified as being within the Competitor State group include: California, Massachusetts, Minnesota, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Virginia, and Washington.



MHEC is currently using this set of states as competitor states, however, as with the selection of peers, MHEC plans to work with the Department of Commerce to review the competitor states periodically to determine whether a new set of states should be used in the future.

Selection Method: 2015-2018

Between fiscal 2015 and 2018, acknowledging the work of the Commission, MHEC developed peer groups for Maryland public four-year colleges and universities by simply using those institutions that were within the same Carnegie Classification from the ten competitor states. As a result, several of the peer groups for those institutions that had the same Carnegie Classification were the same. In 2017, the Budget Committees noted that having the same peer groups for institutions that, although they had the same Carnegie Classifications, were distinctively different in the peer selection characteristics, was not a reasonable method to determine appropriate funding levels.

Funding Guideline Attainment from fiscal 2014 to fiscal 2018 is shown in the following table:

Maryland Public Colleges and Universities Funding Guideline Attainment: FY 2014-2018

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Institutions	Attainment	Attainment	Attainment	Attainment	Attainment
Bowie State University	84.8%	94.7%	87.0%	85.4%	92.8%
Coppin State University	128.0%	125.6%	126.5%	136.9%	137.9%
Frostburg State University	89.8%	85.5%	82.9%	83.6%	84.5%
Salisbury University	75.1%	70.0%	69.2%	73.8%	81.1%
Towson University	86.9%	64.8%	58.7%	68.1%	67.2%
University of Baltimore	54.7%	66.4%	62.2%	62.8%	67.6%
UM Baltimore	59.9%	71.7%	66.1%	70.7%	74.5%
UM Baltimore County	62.2%	61.7%	57.4%	60.9%	61.7%
UM Center for Env. Science	80.8%	82.8%	80.4%	77.9%	74.1%
UM College Park	78.0%	80.4%	72.6%	81.6%	79.3%
UM Eastern Shore	99.6%	85.4%	76.0%	77.5%	63.6%
UM University College	40.1%	53.3%	52.6%	26.0%	24.1%
USM Office					
USM Total	73.4% 	76.1%	70.3%	73.2%	72.1%
Morgan State University	88.8%	81.3%	74.3%	95.6%	91.7%
Total	74.3% 	76.5%	70.6%	74.3%	73.1%

Sources: Maryland Higher Education Commission; Maryland State Operating Budget Books; University System of Maryland; Morgan State University; Department of Legislative Services; Department of Budget and Management.

Selection Method: FY 2019 and Thereafter

In reviewing the variations used in the former model, MHEC determined that the variations listed in Appendix A are still valid and provide the institutional profile needed to select institutions that reflect the important characteristics of each of the public Maryland colleges and universities. St. Mary's will remain outside the funding guidelines until it is no longer funded by statutory formula.

Over the years, the selection process for each institution had been adjusted to account for changing institutional characteristics and from changes to the criteria by which the Carnegie Classifications were determined. For the majority of Maryland public four-year institutions, peers will be selected from within the same Carnegie Classification from within the competitor states through the cluster analysis of the institutional characteristic variables used under the prior model.

For several institutions, some adjustments were made as follows:

Morgan State University

Peers for Morgan State University are chosen using Variations I through V, including Variation IV.A, and then by an additional variation combining the following variables to reflect characteristics identified by the university as ones making Morgan unique:

- Degree of Urbanization to reflect Urban Mission;
- Percentage of African-American enrollments to reflect the Historically Black College or University (HBCU) Mission;
- Percentage of Doctoral Degrees awarded to African-Americans to reflect the Doctoral Mission with emphasis on African-American attainment;
- Research Expenditures as a percent of total Operating Expenditures to reflect the Doctoral and Research Mission;
- Percent of students receiving Federal Grant Aid to reflect the Socio-Economic Status of students;
- African-American six-year Graduation Rate to reflect HBCU Mission and degree productivity;
- Six-year graduation rate for all students to reflect Degree Productivity;
- Average SAT 25th and 75th percentile Score to reflect Academic Preparedness of Students; and
- Average Federal Grant Award as a Percent of Tuition and Mandatory Fees to reflect Affordability for Low Income Students.

This selection is limited to public four-year colleges and universities with the 2015 Basic Carnegie Classifications of Doctoral Universities: Moderate Research Activity (DRU/M) and Doctoral Universities: Higher Research Activity (DRU/Hr) from among the competitor states.

Towson University

Peer institutions for Towson University (TU) are identified through a series of cluster analyses from public institutions from two Carnegie Classifications: DRU/M and Master's Colleges and Universities: Larger Programs (MA/L) from within the competitor states.

University of Maryland, Baltimore Campus

Peer institutions for the University of Maryland, Baltimore Campus (UMB) are chosen from a group of institutions with medical schools or medical centers from the competitor states.

University of Maryland, College Park Campus

Peers for the University of Maryland, College Park Campus (UMCP) are institutions within the Association of American Universities (AAU) from the competitor states.

University of Maryland Eastern Shore

Peer institutions for the University of Maryland Eastern Shore (UMES) are chosen from public universities from the Carnegie classifications of DRU/M and Master's Colleges and Universities: Smaller Programs (MA/S) and Master's Colleges and Universities: Medium Programs (MA/M) from within the competitor states.

University of Maryland, Baltimore County

Peer institutions for the University of Maryland, Baltimore County (UMBC) are chosen from institutions from within the Carnegie Classifications of Doctoral Universities: Higher Research Activity (DRU/HR) and Doctoral Universities: Highest Research Activity (DRU/HST) that are not AAU institutions.

University of Maryland Center for Environmental Science

Because it has no “peer institutions” within IPEDS (Integrated Postsecondary Education Data System), the funding guideline for the University of Maryland Center for Environmental Science (UMCES) is calculated by adjusting the institution’s prior year State appropriation (General and HEIF Funds) by the lower of: (a) the percentage increase in the funding guideline computed for UMCP, or (b) the average percentage increase in the funding guidelines for all USM institutions.

Selection Method

This is the method that MHEC will be using for the funding guidelines for fiscal 2019 and thereafter. The peer institutions for each Maryland public four-year college and university, except for St. Mary’s College of Maryland, as determined using the Least Squares selection process for institutions from within the competitor states, are provided in Appendix B. When the FY 2019 Operating Budget data for the institutions becomes available, MHEC will calculate the FY 2019 funding guidelines using these peer groups.

Appendix A.

**Higher Education Operating Funding Guidelines
With Peer Selection Using Competitor States**

Revised: July 2017

APPENDIX A. HIGHER EDUCATION FUNDING GUIDELINES

I. Authority

Chapter 515 of the Acts of 1999 and Section 11-105 (g) (4) of the Education Article of the Maryland Annotated Code require the Maryland Higher Education Commission to develop operating funding guidelines based on peer comparisons and other appropriate factors. These guidelines must be developed in consultation with all segments of higher education, including the presidents of home institutions.

II. Definitions

- A. “Adjusted full-time equivalent student enrollment” means a proportionate number of students used to determine the appropriate level of State support for each home institution.
- B. “Cluster analysis,” means the mathematical process of determining, on the basis of data, those institutions that are closest to the home institution on key variables taken collectively. The variables include operating revenues per adjusted full-time equivalent (FTE) student, program offerings, size, location, student mix, and diversity.
- C. “Current funding peers” means a set of institutions, grouped by Carnegie classification, identified through a series of cluster analyses that closely resemble the home institution on a series of variables such as operating revenues per adjusted FTE student, program offerings, size, location, student mix, and diversity.
- D. “Historically Black Colleges and Universities” (HBCU) means the following public senior higher education institutions:
 - 1. Bowie State University;
 - 2. Coppin State University;
 - 3. University of Maryland Eastern Shore; and
 - 4. Morgan State University.
- E. “Home institution” means one or more of the following public senior higher education institutions under the jurisdiction of the Board of Regents of the University System of Maryland and the Board of Regents of Morgan State University:
 - 1. University of Maryland, Baltimore (UMB);
 - 2. University of Maryland, College Park (UMCP);
 - 3. Bowie State University (BSU);
 - 4. Towson University (TU);
 - 5. University of Maryland Eastern Shore (UMES);
 - 6. Coppin State University (CSU);
 - 7. University of Baltimore (UB);

8. Frostburg State University (FSU);
 9. Salisbury University (SU);
 10. University of Maryland University College (UMUC);
 11. University of Maryland, Baltimore County (UMBC); and
 12. Morgan State University (MSU).
- F. “Performance indicators” means a set of performance indicators selected by the presidents of each home institution and approved by the Maryland Higher Education Commission for the purpose of comparing performance against a list of peer institutions with similar missions and programs.
- G. “Performance peers” means a list of approved peers selected by each home institution’s president and validated by the Maryland Higher Education Commission. The majority of peers are selected from the current peer list and are used for the purpose of comparing performance.
- H. “Projected tuition and mandatory fees” means the revenue projections for each home institution as approved by the institution’s governing board and based on estimated tuition revenue and mandatory fees such as application fees, graduation fees, laboratory fees, students fees, and other mandatory fees.
- I. “Resources per adjusted full-time equivalent student” means unrestricted state appropriations and tuition and fee revenues (as reported annually by the Integrated Postsecondary Education Data Systems [IPEDS] Finance Survey) divided by the number of adjusted full-time equivalent students.
- J. “Variation” means a single cluster analysis using specified variables. The variables used in each variation are provided in Section V paragraph C.

III. Scope and Applicability

These funding guidelines shall apply to:

- A. All public senior higher education institutions under the jurisdiction of the University System of Maryland Board of Regents:
1. University of Maryland, Baltimore;
 2. University of Maryland, College Park;
 3. Bowie State University;
 4. Towson University;
 5. University of Maryland Eastern Shore;
 6. Coppin State University;
 7. University of Baltimore;
 8. Frostburg State University;
 9. Salisbury University;
 10. University of Maryland University College;

11. University of Maryland, Baltimore County;
12. University of Maryland Center for Environmental Science.

B. Morgan State University

IV. Adjusted Full-Time Equivalent Student Enrollment

- A. The adjusted full-time equivalent student enrollment shall be used to calculate the resources per adjusted full-time equivalent student for current funding peers. The resources per adjusted full-time equivalent student shall, in turn, be used to calculate the level of State general fund support for home institutions.
- B. Except as otherwise provided in this section, the adjusted full-time equivalent student enrollment for the current peers shall be based on fall headcount enrollment data, taken from the Integrated Postsecondary Data Systems national database, according to the following formula:

$$\text{adjusted FTE students} = \text{full-time students} + 1/3 \text{ part-time students}$$

(Note: For any Maryland institution with peers that have medical enrollments, the medical enrollments are deducted from the graduate enrollments and weighted by 4.)

- C. The adjusted full-time equivalent student enrollment for the University of Baltimore shall be weighted to reflect undergraduates (1.0), graduate students (1.8) and professional students (3.0).
- D. The adjusted full-time equivalent student enrollment for the University of Maryland, Baltimore peers shall be weighted to reflect the full instructional cost ratios per full-time equivalent student. Each first professional student shall be equal to four full-time equivalent students.
- E. The adjusted full-time equivalent student enrollment for the University of Maryland University College shall be based on fall headcount enrollment data, taken from The Maryland Higher Education Commission annual projected enrollment reduced by out-of-state online enrollments as reported by the institution, according to the following formula:

$$\text{adjusted FTE students} = (\text{full-time students} + 1/3 \text{ part-time students})$$

- F. The Maryland Higher Education Commission shall annually project future enrollment for each home institution based on its annual enrollment projections in accordance with this section.

V. Selection of Current Peers

A. Current peer institutions shall be identified for each home institution except for the University of Maryland Center for Environmental Science.

B. Current peer institutions shall be selected from:

1. Public senior higher education institutions within the ten competitor states with which Maryland principally competes for employers: namely California, Massachusetts, Minnesota, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Virginia, and Washington.
2. Within the same Carnegie Classification as the home institution unless adjustments have been discussed and accepted by the Commission.

C. Current peers shall be identified using the following six cluster variations:

1. Variation I shall contain the following nine variables:
 - a. Total operating revenues plus gifts minus all grants and contracts per adjusted FTE student;
 - b. Total headcount enrollment;
 - c. Total FTE enrollment;
 - d. Graduate and first professional students as % of total headcount enrollment;
 - e. Number of baccalaureate degrees;
 - f. Number of master's degrees;
 - g. Number of doctoral degrees;
 - h. Number of first professional degrees; and
 - i. African-American, Hispanic, Native American students as % of total headcount enrollment.
2. Variation II shall contain the following eight variables:
 - a. Total headcount enrollment;
 - b. Total FTE enrollment;
 - c. Graduate and first professional students as % of total headcount enrollment;
 - d. Number of baccalaureate degrees;
 - e. Number of master's degrees;
 - f. Number of doctoral degrees;
 - g. Number of first professional degrees; and
 - h. African-American, Hispanic, Native American students as % of total headcount enrollment.
3. Variation III shall contain the following five variables:

- a. Total headcount enrollment;
 - b. Part-time students as % of total enrollment;
 - c. Baccalaureate degrees as % of total degrees;
 - d. African-American, Hispanic, Native American students as % of total headcount enrollment; and
 - e. Total operating revenues plus gifts minus all grants and contracts per FTE student.
4. Variation IV shall contain the following four variables:
- a. Total headcount enrollment;
 - b. Part-time students as % of total enrollment;
 - c. Baccalaureate degrees as % of total degrees; and
 - d. African-American, Hispanic, Native American students as % of total headcount enrollment.
5. Variation IVA shall apply to historically black institutions and shall contain the following three variables:
- a. Total headcount enrollment;
 - b. Part-time students as % of total enrollment; and
 - c. Baccalaureate degrees as % of total degrees.
6. Variation V shall contain the following eighteen variables:
- a. Total FTE enrollment;
 - b. Engineering degrees as % of total degrees awarded;
 - c. Physical science degrees as % of total degrees awarded;
 - d. Math and computer science degrees as % of total degrees awarded;
 - e. Life science degrees as % of total degrees awarded;
 - f. Agricultural sciences degrees as % of total degrees awarded;
 - g. Biological sciences degrees as % of total degrees awarded;
 - h. Medical sciences degrees as % of total degrees awarded;
 - i. Other life sciences degrees as % of total degrees awarded;
 - j. Psychology degrees as % of total degrees awarded;
 - k. Social science degrees as % of total degrees awarded;
 - l. Humanities degrees as % of total degrees awarded;
 - m. Art and music degrees as % of total degrees awarded;
 - n. Architecture degrees as % of total degrees awarded;
 - o. Education degrees as % of total degrees awarded;
 - p. Business degrees as % of total degrees awarded;
 - q. Law degrees as % of total degrees awarded; and
 - r. Distance in miles to closest Metropolitan Statistical Area of at least 250,000.

D. The institutions closest to the home institution based on the top twenty from each variation shall be identified as the home institution's current funding peers.

VI. Adjustments

University of Maryland, Baltimore

UMB will use a group of institutions with medical schools or medical centers from the competitor states.

University of Maryland, College Park

UMCP shall use institutions within the Association of American Universities (AAU) from the competitor states for funding guidelines.

Morgan State University

Peers for Morgan State University shall be selected using Variations I through V, including Variation IVA and an additional variation combining the following variables to reflect the university's unique characteristics:

- Degree of Urbanization to reflect Urban Mission;
- Percentage of African-American enrollments to reflect the Historically Black Institution (HBI) Mission;
- Percentage of Doctoral Degrees awarded to African-Americans to reflect the Doctoral Mission with emphasis on African-American attainment;
- Research Expenditures as a percent of total Operating Expenditures to reflect the Doctoral and Research Mission;
- Percent of students receiving Federal Grant Aid to reflect the Socio-Economic Status of students;
- African-American six-year Graduation Rate to reflect HBI Mission and degree productivity;
- Six-year graduation rate for all students to reflect Degree Productivity;
- Average SAT 25th and 75th percentile Score to reflect Academic Preparedness of Students; and
- Average Federal Grant Award as a Percent of Tuition and Mandatory Fees to reflect Affordability for Low Income Students.

This selection shall be performed using public four-year colleges and universities with the 2015 Basic Carnegie Classifications of Doctoral Research and Research-High Activity Universities from among the competitor states.

University of Maryland Eastern Shore

Peer institutions for UMES will be identified through a series of cluster analyses from public universities from multiple Carnegie classifications – Doctoral Universities: Moderate Research Activity (DRU/M), and Master's Small and Medium universities (MA/S and MA/M) from within the competitor states.

University of Maryland, Baltimore County

Peer institutions for UMBC will be identified through a series of cluster analyses from two Carnegie Classifications Doctoral Universities: Higher Research Activity (DRU/HR) and Doctoral Universities: Highest Research Activity (DRU/HST) from within the competitor states. AAU institutions are eliminated from the list.

Towson University

Peer institutions for TU will be identified through a series of cluster analyses from public institutions from multiple Carnegie Classifications: Doctoral Universities: Moderate Research Activity (DRU/M) and Master's Colleges and Universities: Larger Programs (MA/L) from within the competitor states.

University of Maryland Center for Environmental Science

The funding guideline for UMCES shall be equal to the institution's prior year appropriation multiplied by the lower of: (a) the percentage increase in the funding guideline computed for the University of Maryland College Park, or (b) the average percentage increase in the funding guidelines for all University System of Maryland institutions.

VII. Selection of Performance Peers

- A. The president of each home institution shall select an appropriate number of peer institutions for the purpose comparing performance. The majority of performance peers should come from the list of funding peers.
- B. The president of each home institution shall provide written justification to the Maryland Higher Education Commission for the peers selected in paragraph A of this section.
- C. The Maryland Higher Education Commission shall validate the performance peers selected by each president.

VIII. Resources per Adjusted Full-Time Equivalent Student for Current Peers

- A. The Maryland Higher Education Commission shall annually compute the 75th percentile of resources per adjusted full-time equivalent student appropriated to current peers of each home institution, except for the HBCU's, and based on the latest national data. For the HBCU's, MHEC shall annually compute the 80th percentile of resources per adjusted full-time equivalent student appropriated to current peers.
- B. The resources per adjusted full-time equivalent student identified in paragraph A of this section shall be adjusted using the Higher Education Price Index four-year compound annual rate and shall be used to estimate the funding gap between each home institution and its current funding peers.

IX. Computation of Funding Guidelines Based on Current Peer Comparisons

The Maryland Higher Education Commission shall annually compute funding guidelines based on current funding peer comparisons for each home institution by multiplying the resources per adjusted full-time equivalent student as determined in Section VIII for all current peers by the projected enrollment as determined in Section IV paragraph F and subtracting the projected tuition and mandatory fees.

X. Funding Guidelines for the University of Maryland Center for Environmental Science

- A. The University of Maryland Center for Environmental Science shall be equal to the institution's prior year appropriation as determined in paragraph C of this Section multiplied by the percentage increase in the funding guidelines computed for the University of Maryland, College Park, in accordance with Section IX.
- B. In any fiscal year that the percentage increase in the funding guidelines computed for the University of Maryland, College Park, in accordance with Section IX, is greater than the average percentage increase in the funding guidelines for all University System of Maryland institutions, the funding guideline for the University of Maryland Center for Environmental Science shall be equal to the institution's prior year appropriation multiplied by the average percentage increase in the funding guidelines for all University System of Maryland institutions.
- C. Prior Year appropriations for the University of Maryland Center for Environmental Science shall be adjusted to reflect on-going operating appropriations and not initial start-up appropriations for new programs or other one-time initiatives.

XI. Performance Indicators

- A. The Maryland Higher Education Commission shall approve the performance indicators developed and proposed by each home institution, in consultation with the presidents and the University System of Maryland.
- B. The performance indicators shall be in line with the Managing For Results accountability process with an emphasis on outcome-oriented indicators.
- C. The benchmarks for the performance indicators shall be the home institution's current performance peers as determined in Section V and/or approved aspirational peers, if applicable.
- D. The Maryland Higher Education Commission shall prepare a report annually on each home institution's performance, in accordance with this section.
- E. If the home institution's performance on several key performance indicators is below the performance of its peers, the institution's president and governing board shall

submit a report to the Maryland Higher Education Commission, which shall include an analysis of the institution's deficiencies and a strategic plan to improve performance.

Revised: July 2017

Appendix B.

**Higher Education Operating Funding Guidelines
Competitor State Funding Peer Groups**

Bowie State University
Competitor State Funding Peers
 Master's Universities - Large

University	State	2015 Carnegie Classification
Bowie State U.	MD	MA/L
California State U., Bakersfield	CA	MA/L
California State U., Dominguez Hills	CA	MA/L
California State U., East Bay (Hayward)	CA	MA/L
California State U., Stanislaus	CA	MA/L
Bridgewater State C.	MA	MA/L
Fitchburg State U.	MA	MA/L
Framingham State U.	MA	MA/L
Salem State U.	MA	MA/L
Worcester State C.	MA	MA/L
Metropolitan State U.	MN	MA/L
North Carolina Central U.	NC	MA/L
North Carolina, U. of, Pembroke	NC	MA/L
North Carolina, U. of, Wilmington	NC	MA/L
Western Carolina U.	NC	MA/L
Kean U.	NJ	MA/L
New Jersey City U.	NJ	MA/L
New Jersey, C. of	NJ	MA/L
Richard Stockton C. of New Jersey	NJ	MA/L
Rutgers U., Camden	NJ	MA/L
William Paterson U. of New Jersey	NJ	MA/L
Buffalo State C. (SUNY)	NY	MA/L
CUNY Brooklyn C.	NY	MA/L
CUNY City C.	NY	MA/L
CUNY Herbert H. Lehman C.	NY	MA/L
CUNY John Jay C.	NY	MA/L
CUNY Queens C.	NY	MA/L
CUNY Staten Island, C. of	NY	MA/L
SUNY, C. at Brockport	NY	MA/L
SUNY, C. at Cortland	NY	MA/L
SUNY, C. at Oswego	NY	MA/L
SUNY, New Paltz	NY	MA/L
Youngstown State U.	OH	MA/L
California U. of Penn.	PA	MA/L
Clarion U. of Penn.	PA	MA/L
Edinboro U. of Penn.	PA	MA/L
Millersville U. of Penn.	PA	MA/L
Shippensburg U. of Penn.	PA	MA/L
Slippery Rock U. of Penn.	PA	MA/L
Mary Washington, U. of	VA	MA/L
Radford U.	VA	MA/L

Coppin State University

Competitor State Peers

Master's Universities/Small & Medium

University	ST	2015 Carnegie Classification
Coppin State U.	MD	MA/S
California State U., Channel Islands	CA	MA/S
Massachusetts Maritime Academy	MA	MA/S
Bemidji State U.	MN	MA/S
Elizabeth City State U.	NC	MA/S
Fashion Institute of Technology	NY	MA/S
SUNY at Geneseo	NY	MA/S
SUNY, C. at Old Westbury	NY	MA/S
SUNY, Maritime C.	NY	MA/S
Mansfield U. of Penn.	PA	MA/S
Christopher Newport U.	VA	MA/S
California State U., Monterey Bay	CA	MA/M
California State U., San Marcos	CA	MA/M
Westfield State U.	MA	MA/M
Minnesota State U., Moorhead	MN	MA/M
Southwest Minnesota State U.	MN	MA/M
Fayetteville State U.	NC	MA/M
Winston-Salem State U.	NC	MA/M
Ramapo C. of New Jersey	NJ	MA/M
Thomas A. Edison State C.	NJ	MA/M
SUNY, C. at Potsdam	NY	MA/M
SUNY, Empire State C.	NY	MA/M
SUNY, Fredonia	NY	MA/M
SUNY, Institute of Technology, Utica/Rome	NY	MA/M
East Stroudsburg U. of Penn.	PA	MA/M
Lincoln U.	PA	MA/M
Lock Haven U. of Penn.	PA	MA/M
Longwood U.	VA	MA/M
Norfolk State U.	VA	MA/M
Virginia State U.	VA	MA/M
Evergreen State C.	WA	MA/M

Frostburg State University
Competitor State Peers
Master's Universities - Large

University	State	2015 Carnegie Classification
Frostburg State U.	MD	MA/L
California State U., Bakersfield	CA	MA/L
California State U., Chico	CA	MA/L
California State U., Los Angeles	CA	MA/L
California State U., Stanislaus	CA	MA/L
San Jose State U.	CA	MA/L
Bridgewater State C.	MA	MA/L
Fitchburg State U.	MA	MA/L
Framingham State U.	MA	MA/L
Salem State U.	MA	MA/L
Worcester State U.	MA	MA/L
Metropolitan State U.	MN	MA/L
Minnesota State U., Mankato	MN	MA/L
Minnesota, U. of, Duluth	MN	MA/L
Appalachian State U.	NC	MA/L
North Carolina Central U.	NC	MA/L
North Carolina, U. of, Pembroke	NC	MA/L
Western Carolina U.	NC	MA/L
Kean U.	NJ	MA/L
New Jersey City U.	NJ	MA/L
New Jersey, C. of	NJ	MA/L
Rutgers U., Camden	NJ	MA/L
William Paterson U. of New Jersey	NJ	MA/L
Buffalo State C. (SUNY)	NY	MA/L
CUNY City C.	NY	MA/L
CUNY Staten Island, C. of	NY	MA/L
SUNY, C. at Brockport	NY	MA/L
SUNY, C. at Cortland	NY	MA/L
SUNY, C. at Oswego	NY	MA/L
SUNY, C. at Plattsburgh	NY	MA/L
SUNY, New Paltz	NY	MA/L
Youngstown State U.	OH	MA/L
Bloomsburg U. of Penn.	PA	MA/L
California U. of Penn.	PA	MA/L
Clarion U. of Penn.	PA	MA/L
Kutztown U. of Penn.	PA	MA/L
Millersville U. of Penn.	PA	MA/L
Pennsylvania State U., Harrisburg, Capital C.	PA	MA/L
Shippensburg U. of Penn.	PA	MA/L
James Madison U.	VA	MA/L
Radford U.	VA	MA/L
Eastern Washington U.	WA	MA/L
Washington, U. of, Bothell Campus	WA	MA/L
Washington, U. of, Tacoma Campus	WA	MA/L
Western Washington U.	WA	MA/L

Salisbury University
Competitor State Peers
Master's Universities - Large

University	State	2015 Carnegie Classification
Salisbury U.	MD	MA/L
California State U., Bakersfield	CA	MA/L
California State U., Chico	CA	MA/L
California State U., East Bay (Hayward)	CA	MA/L
California State U., Stanislaus	CA	MA/L
Sonoma State U.	CA	MA/L
Bridgewater State U.	MA	MA/L
Salem State U.	MA	MA/L
Worcester State C.	MA	MA/L
Minnesota, U. of, Duluth	MN	MA/L
North Carolina, U. of, Wilmington	NC	MA/L
Kean U.	NJ	MA/L
New Jersey City U.	NJ	MA/L
New Jersey, C. of	NJ	MA/L
Richard Stockton C. of New Jersey	NJ	MA/L
William Paterson U. of New Jersey	NJ	MA/L
Buffalo State C. (SUNY)	NY	MA/L
CUNY Brooklyn C.	NY	MA/L
CUNY Staten Island, C. of	NY	MA/L
SUNY, C. at Brockport	NY	MA/L
SUNY, C. at Cortland	NY	MA/L
SUNY, C. at Oswego	NY	MA/L
SUNY, C. at Plattsburgh	NY	MA/L
SUNY, New Paltz	NY	MA/L
Bloomsburg U. of Penn.	PA	MA/L
Kutztown U. of Penn.	PA	MA/L
Millersville U. of Penn.	PA	MA/L
Shippensburg U. of Penn.	PA	MA/L
Slippery Rock U. of Penn.	PA	MA/L
West Chester U. of Penn.	PA	MA/L
Mary Washington, U. of	VA	MA/L
Radford U.	VA	MA/L
Central Washington U.	WA	MA/L
Eastern Washington U.	WA	MA/L
Washington, U. of, Bothell Campus	WA	MA/L
Washington, U. of, Tacoma Campus	WA	MA/L
Western Washington U.	WA	MA/L

Towson University**Competitor State Peers****Master's Universities - Large & Doctoral Universities - Medium Activity**

University	State	2015 Carnegie Classification
Towson U.	MD	MA/L
California State U., East Bay (Hayward)	CA	MA/L
California State U., Long Beach	CA	MA/L
California State U., Los Angeles	CA	MA/L
California State U., Northridge	CA	MA/L
California State U., Sacramento	CA	MA/L
California State U., San Bernardino	CA	MA/L
San Jose State U.	CA	MA/L
Bridgewater State C.	MA	MA/L
Salem State U.	MA	MA/L
Minnesota State U., Mankato	MN	MA/L
Minnesota, U. of, Duluth	MN	MA/L
Saint Cloud State U.	MN	MA/L
Appalachian State U.	NC	MA/L
North Carolina, U. of, Wilmington	NC	MA/L
Western Carolina U.	NC	MA/L
Kean U.	NJ	MA/L
New Jersey City U.	NJ	MA/L
Richard Stockton C. of New Jersey	NJ	MA/L
William Paterson U. of New Jersey	NJ	MA/L
Buffalo State C. (SUNY)	NY	MA/L
CUNY Bernard Baruch C.	NY	MA/L
CUNY Brooklyn C.	NY	MA/L
CUNY City C.	NY	MA/L
CUNY Queens C.	NY	MA/L
CUNY Staten Island, C. of	NY	MA/L
SUNY, C. at Brockport	NY	MA/L
SUNY, C. at Oswego	NY	MA/L
Youngstown State U.	OH	MA/L
Kutztown U. of Penn.	PA	MA/L
Millersville U. of Penn.	PA	MA/L
Shippensburg U. of Penn.	PA	MA/L
Slippery Rock U. of Penn.	PA	MA/L
West Chester U. of Penn.	PA	MA/L
James Madison U.	VA	MA/L
Radford U.	VA	MA/L
Eastern Washington U.	WA	MA/L
California State U., Fresno	CA	DRU/M
California State U., Fullerton	CA	DRU/M
San Francisco State U.	CA	DRU/M
Montclair State U.	NJ	DRU/M
Rowan U.	NJ	DRU/M
Wright State U.	OH	DRU/M
Indiana U. of Penn.	PA	DRU/M

University of Baltimore
Competitor State Peers
 Master's Universities - Large

University	State	2015 Carnegie Classification
University of Baltimore	MD	MA/L
California State U., Dominguez Hills	CA	MA/L
California State U., East Bay (Hayward)	CA	MA/L
California State U., Stanislaus	CA	MA/L
Fitchburg State U.	MA	MA/L
Framingham State U.	MA	MA/L
Salem State U.	MA	MA/L
Worcester State U.	MA	MA/L
Metropolitan State U.	MN	MA/L
North Carolina Central U.	NC	MA/L
North Carolina, U. of, Pembroke	NC	MA/L
Western Carolina U.	NC	MA/L
Kean U.	NJ	MA/L
New Jersey City U.	NJ	MA/L
Richard Stockton C. of New Jersey	NJ	MA/L
Rutgers U., Camden	NJ	MA/L
William Paterson U. of New Jersey	NJ	MA/L
Buffalo State C. (SUNY)	NY	MA/L
CUNY Bernard Baruch C.	NY	MA/L
CUNY Brooklyn C.	NY	MA/L
CUNY City C.	NY	MA/L
CUNY Herbert H. Lehman C.	NY	MA/L
CUNY Staten Island, C. of	NY	MA/L
SUNY, C. at Brockport	NY	MA/L
SUNY, New Paltz	NY	MA/L
Youngstown State U.	OH	MA/L
California U. of Penn.	PA	MA/L
Clarion U. of Penn.	PA	MA/L
Edinboro U. of Penn.	PA	MA/L
Millersville U. of Penn.	PA	MA/L
Pennsylvania State U., Great Valley (peer in UB V5 top 20)	PA	MA/L
Pennsylvania State U., Harrisburg, Capital C.	PA	MA/L
Shippensburg U. of Penn.	PA	MA/L
Slippery Rock U. of Penn.	PA	MA/L
Radford U.	VA	MA/L
Washington, U. of, Bothell Campus	WA	MA/L
Washington, U. of, Tacoma Campus	WA	MA/L

University of Maryland Baltimore

Competitor State Peers

Research Universities/Very High with Medical School & Medical Universities

University	State	2010 Carnegie Classification	Medical School
Maryland, U. of, Baltimore	MD	Med	M
California, U. of, Davis	CA	RU/VH	M
California, U. of, Irvine	CA	RU/VH	M
California, U. of, Los Angeles	CA	RU/VH	M
California, U. of, San Diego	CA	RU/VH	M
California, U. of, San Francisco	CA	Med	M
Massachusetts, U. of, Medical Schl., Worcester	MA	Med	M
Minnesota, U. of, Twin Cities	MN	RU/VH	M
North Carolina, U. of, Chapel Hill	NC	RU/VH	M
Medicine and Dentistry of New Jersey, U. of	NJ	Med	M
Buffalo, U. at (SUNY)	NY	RU/VH	M
SUNY, Hlth. Sci. Ctr. at Brooklyn	NY	Med	M
SUNY, Stony Brook, Main	NY	RU/VH	M
SUNY, Hlth. Sci. Ctr. at Syracuse	NY	Med	M
Cincinnati, U. of, Main	OH	RU/VH	M
Northeastern Ohio Universities C. of Med	OH	Med	M
Ohio State U., Main	OH	RU/VH	M
Pennsylvania State U., Hershey Med. Ctr.	PA	Med	M
Pittsburgh, U. of, Main**	PA	RU/VH	M
Virginia Commonwealth U.	VA	RU/VH	M
Virginia, U. of, Main	VA	RU/VH	M
Washington, U. of, Seattle	WA	RU/VH	M

University of Maryland Baltimore County

Competitor State Peers

Doctoral Universities: Higher Research Activity & Not AAU DRU/Highest

University	State	2015 Carnegie Classification
Maryland, U. of, Baltimore County	MD	DRU/Hr
San Diego State U.	CA	DRU/Hr
Massachusetts, U. of, Boston	MA	DRU/Hr
Massachusetts, U. of, Dartmouth	MA	DRU/Hr
Massachusetts, U. of, Lowell	MA	DRU/Hr
East Carolina U.	NC	DRU/Hr
North Carolina A&T State U.	NC	DRU/Hr
North Carolina, U. of, Charlotte	NC	DRU/Hr
North Carolina, U. of, Greensboro	NC	DRU/Hr
New Jersey Institute Tech.	NJ	DRU/Hr
Rutgers U., Newark	NJ	DRU/Hr
Binghamton U. (SUNY)	NY	DRU/Hr
Akron, U. of, Main	OH	DRU/Hr
Bowling Green State U., Main	OH	DRU/Hr
Cleveland State U.	OH	DRU/Hr
Kent State U., Main	OH	DRU/Hr
Miami U., Main	OH	DRU/Hr
Ohio U., Main	OH	DRU/Hr
Toledo, U. of	OH	DRU/Hr
Old Dominion U.	VA	DRU/Hr
William and Mary, C. of	VA	DRU/Hr
California, U. of, Riverside	CA	DRU/Hst
Massachusetts, U. of, Amherst	MA	DRU/Hst
North Carolina State U., Raleigh	NC	DRU/Hst
SUNY, Albany	NY	DRU/Hst
George Mason U.	VA	DRU/Hst
Virginia Commonwealth U.	VA	DRU/Hst
Washington State U.	WA	DRU/Hst

University of Maryland College Park
Competitor State Peers
AAU Research Universities/Very High

University	State	2010 Carnegie Classification	AAU
Maryland, U. of, College Park	MD	RU/VH	AAU
California, U. of, Berkeley	CA	RU/VH	AAU
California, U. of, Davis	CA	RU/VH	AAU
California, U. of, Irvine	CA	RU/VH	AAU
California, U. of, Los Angeles	CA	RU/VH	AAU
California, U. of, San Diego	CA	RU/VH	AAU
California, U. of, Santa Barbara	CA	RU/VH	AAU
Minnesota, U. of, Twin Cities	MN	RU/VH	AAU
North Carolina, U. of, Chapel Hill	NC	RU/VH	AAU
Rutgers U., New Brunswick/Piscataway	NJ	RU/VH	AAU
Buffalo, U. at (SUNY)	NY	RU/VH	AAU
SUNY, Stony Brook, Main	NY	RU/VH	AAU
Ohio State U., Main	OH	RU/VH	AAU
Pennsylvania State U., Main	PA	RU/VH	AAU
Pittsburgh, U. of, Main	PA	RU/VH	AAU
Virginia, U. of, Main	VA	RU/VH	AAU
Washington, U. of, Seattle	WA	RU/VH	AAU

University of Maryland Eastern Shore

Competitor State Peers

Doctoral Universities: Moderate Research Activity/Master's Small & Medium

University	State	2015 Carnegie Classification
Maryland, U. of, Eastern Shore	MD	DRU/M
California State U., Fresno	CA	DRU/M
California State U., Fullerton	CA	DRU/M
San Francisco State U.	CA	DRU/M
Montclair State U.	NJ	DRU/M
Rowan U.	NJ	DRU/M
SUNY, C. of Environ. Sci. & Forestry	NY	DRU/M
Wright State U.	OH	DRU/M
Indiana U. of Penn.	PA	DRU/M
California State U., Monterey Bay	CA	MA/M
California State U., San Marcos	CA	MA/M
Humboldt State U.	CA	MA/M
Westfield State U.	MA	MA/M
Minnesota State U., Moorhead	MN	MA/M
Winona State U.	MN	MA/M
Fayetteville State U.	NC	MA/M
Winston-Salem State U.	NC	MA/M
Ramapo C. of New Jersey	NJ	MA/M
SUNY, C. at Potsdam	NY	MA/M
SUNY, Empire State C.	NY	MA/M
SUNY, Fredonia	NY	MA/M
SUNY, Institute of Technology, Utica/Rome	NY	MA/M
East Stroudsburg U. of Penn.	PA	MA/M
Lincoln U.	PA	MA/M
Lock Haven U. of Penn.	PA	MA/M
Longwood U.	VA	MA/M
Norfolk State U.	VA	MA/M
Virginia State U.	VA	MA/M
Evergreen State C.	WA	MA/M
California State U., Channel Islands	CA	MA/S
Massachusetts Maritime Academy	MA	MA/S
Bemidji State U.	MN	MA/S
Elizabeth City State U.	NC	MA/S
Fashion Institute of Technology	NY	MA/S
SUNY at Geneseo	NY	MA/S
SUNY, C. at Old Westbury	NY	MA/S
SUNY, Maritime C.	NY	MA/S
Mansfield U. of Penn.	PA	MA/S
Christopher Newport U.	VA	MA/S

University of Maryland University College
Competitor State Peers
 Master's Universities - Large

University	State	2015 Carnegie Classification
Maryland, U. of, University College	MD	MA/L
California Polytechnic State U., San Luis Obispo	CA	MA/L
California State Polytechnic U., Pomona	CA	MA/L
California State U., Bakersfield	CA	MA/L
California State U., Dominguez Hills	CA	MA/L
California State U., East Bay (Hayward)	CA	MA/L
California State U., Long Beach	CA	MA/L
California State U., Los Angeles	CA	MA/L
California State U., Northridge	CA	MA/L
California State U., Sacramento	CA	MA/L
California State U., San Bernardino	CA	MA/L
California State U., Stanislaus	CA	MA/L
San Jose State U.	CA	MA/L
Bridgewater State C.	MA	MA/L
Salem State C.	MA	MA/L
Metropolitan State U.	MN	MA/L
Saint Cloud State U.	MN	MA/L
Western Carolina U.	NC	MA/L
Kean U.	NJ	MA/L
New Jersey City U.	NJ	MA/L
Rutgers U., Camden	NJ	MA/L
William Paterson U. of New Jersey	NJ	MA/L
Buffalo State C. (SUNY)	NY	MA/L
CUNY Bernard Baruch C.	NY	MA/L
CUNY Brooklyn C.	NY	MA/L
CUNY City C.	NY	MA/L
CUNY Herbert H. Lehman C.	NY	MA/L
CUNY Hunter C.	NY	MA/L
CUNY John Jay C.	NY	MA/L
CUNY Queens C.	NY	MA/L
CUNY Staten Island, C. of	NY	MA/L
SUNY, C. at Brockport	NY	MA/L
Youngstown State U.	OH	MA/L
California U. of Penn.	PA	MA/L
Pennsylvania State U., Harrisburg, Capital C.	PA	MA/L
Slippery Rock U. of Penn.	PA	MA/L
West Chester U. of Penn.	PA	MA/L
Eastern Washington U.	WA	MA/L
Washington, U. of, Bothell Campus	WA	MA/L
Washington, U. of, Tacoma Campus	WA	MA/L

Morgan State University

Competitor State Peers

Doctoral Universities: Moderate & Higher Research Activity

University	State	2015 Carnegie Classification
Morgan State U.	MD	DRU/M
California State U., Fresno	CA	DRU/M
California State U., Fullerton	CA	DRU/M
San Diego State U.	CA	DRU/Hr
San Francisco State U.	CA	DRU/M
Massachusetts, U. of, Boston	MA	DRU/Hr
Massachusetts, U. of, Dartmouth	MA	DRU/Hr
Massachusetts, U. of, Lowell	MA	DRU/Hr
Maryland, U. of, Baltimore County	MD	DRU/Hr
East Carolina U.	NC	DRU/Hr
North Carolina A&T State U.	NC	DRU/Hr
North Carolina, U. of, Charlotte	NC	DRU/Hr
North Carolina, U. of, Greensboro	NC	DRU/Hr
Montclair State U.	NJ	DRU/M
New Jersey Institute Tech.	NJ	DRU/Hr
Rowan U.	NJ	DRU/M
Rutgers U., Newark	NJ	DRU/Hr
Binghamton U. (SUNY)	NY	DRU/Hr
SUNY, C. of Environ. Sci. & Forestry	NY	DRU/M
Akron, U. of, Main	OH	DRU/Hr
Bowling Green State U., Main	OH	DRU/Hr
Cleveland State U.	OH	DRU/Hr
Kent State U., Main	OH	DRU/Hr
Miami U., Main	OH	DRU/Hr
Toledo, U. of	OH	DRU/Hr
Wright State U.	OH	DRU/M
Indiana U. of Penn.	PA	DRU/M
Old Dominion U.	VA	DRU/Hr
William and Mary, C. of	VA	DRU/Hr
