



2013 REPORT ON ANNUAL INDICATORS

University Performance Measurement System

July, 2013



The University of Massachusetts

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July 1, 2013

Dear friends of the University:

I am pleased to present the University of Massachusetts *2013 Report on Annual Indicators*, an effort that illustrates our unwavering commitment to accountability, assessment, and improvement. We undertake this comprehensive self-analysis every year as a means of knowing what we do well, in what areas we would like to grow, and how with our excellence in education, research, and service, we can better serve the Commonwealth of Massachusetts. This report measures the University's progress toward achieving the strategic priorities approved by the University of Massachusetts Board of Trustees and embedded in its mission: "to provide an affordable and accessible education of high quality and to conduct programs of research and public service that advance knowledge and improve the lives of the people of the Commonwealth, the nation, and the world."

Last year, I presented to the Commonwealth the framework of a new (anticipated for release in early 2014) report *UMass Performance: Accountable and On the Move*. The forthcoming report will focus on the following six themes to reflect the University's continuing commitment to accountability, assessment, transparency, and improvement:

- Student Success
- Workforce/Educated and Engaged Citizenry
- World-Class Research Enterprise
- Social Well-Being
- Good Stewards of State Resources
- Telling and Selling the UMass Story

As the attached *2013 Annual Indicators Report* demonstrates, the University continues to make significant progress in achieving its long-term goals and fulfilling its special role as the Commonwealth's public research university. As part of that unique mission, UMass is transforming students' lives, shaping the future of our Commonwealth and addressing key state needs. We provide an accessible and affordable education to nearly 71,000 students, the vast majority of whom are sons and daughters of the Commonwealth. We conduct close to \$600 million in research that leads to groundbreaking discoveries and spins-off companies that create jobs and fuel economic growth. And, our graduates remain in Massachusetts, entering the workforce in critical fields such as nursing, primary care medicine, computer science, the life sciences, and teaching.

UMass did face financial challenges in Fiscal Year 2013, similar to the financial challenges that all institutions and households face in challenging economic times. However, we continue to be accessible and affordable to our students and to grow in sponsored research dollars ensuring that we, as a University, can keep true to our mission of education, research, and service. As we navigate through the current environment, be assured that the Trustees, Chancellors, and I are committed to managing University resources wisely and strategically.

This report documents the continued progress of the UMass system and the individual campuses and compares the University's performance with like institutions across the country on a range of indicators related to Academic Quality, Student Success and Satisfaction, Access and Affordability, Service to the Commonwealth, and Financial Health. Several new indicators have recently been added to the report in the areas of access and diversity, research and development, and international relations, several new indicators have recently been added to the report in these areas.

Major highlights of the report include:

- ❖ ***UMass continues to be accessible and affordable.***
UMass tuition and fees average 14.6% of statewide median family income, a percent much lower than that for the state's private universities (44%) and other New England public universities (15%). In FY12, UMass spent approximately \$159 million of its own resources on financial aid, meeting 89% of Massachusetts students' estimated financial need. Since 2004, total institutional financial aid has increased by \$106 million or 200 percent.
- ❖ ***UMass serves citizens of the Commonwealth.***
Four-fifths (80%) of UMass undergraduate freshmen are Massachusetts residents, compared with less than a quarter (22%) at the salient private universities in the state.
- ❖ ***UMass' research capacity continues to grow.***
In FY 2012, the system expended \$597.5 million in sponsored research, representing a 2 percent increase over FY 2011 even in such challenging times. Furthermore, in 2011-12, the five campuses awarded a total of 678 doctoral degrees (a 10% increase from last year) across various disciplines, including 119 MD degrees from UMMS.
- ❖ ***UMass' contribution to an educated citizenry and workforce remains high.***
UMass awarded 15,688 degrees and certificates in 2011-12, comprising 15% of all undergraduate and graduates degrees awarded in the Commonwealth. The University's impact is particularly high in the following fields: computer and information sciences and health (bachelor's level), natural sciences, computer science and engineering (master's level) and education and business (doctoral level).
- ❖ ***Financial indicators compare favorably to peers.***
In FY 2012, the University's return on net assets, financial cushion and debt service to operations were all within the range of peer systems.

The University is committed to providing an affordable and accessible education of high quality and serving as collaborative partner with state and industry leaders to foster economic development. We are proud of our mission and our achievements, but still strive to improve in key areas that benefit the constituents we serve. I hope you find this report helpful. Thank you for your continued interest in and support for the University of Massachusetts.

Sincerely,



Robert L. Caret
President

UNIVERSITY OF MASSACHUSETTS

Amherst • Boston • Dartmouth • Lowell • Worcester

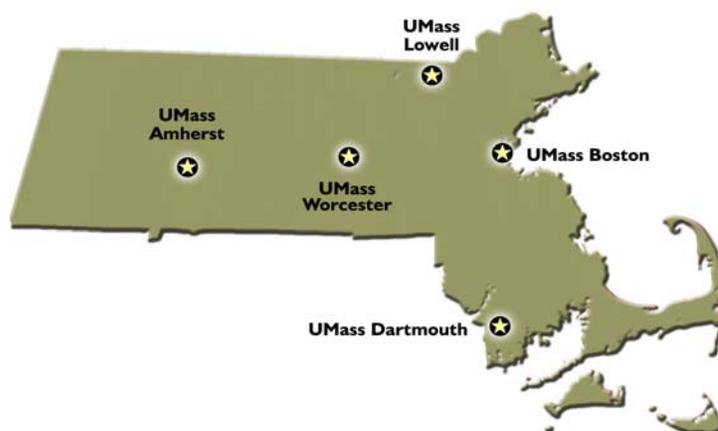
2013 REPORT ON ANNUAL INDICATORS **University Performance Measurement System**

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Note: The campus segments of this report are prepared and provided by the UMass Campuses.

Important information related to all metrics included in this report can be found in the “Definitions and Sources” sections at the end of each segment.



THE 2013 REPORT ON ANNUAL INDICATORS

The University of Massachusetts Annual Indicators Report measures progress toward achieving the strategic priorities approved by the Trustees and embedded in its mission - 'to provide an affordable and accessible education of high quality and to conduct programs of research and public service that advance knowledge and improve the lives of the people of the Commonwealth, the nation, and the world.' The 2013 Report on Annual Indicators is the 16th annual report of the University of Massachusetts Performance Measurement System.

This report provides trustees, legislators, and state-level policy makers with information by which they can assess the University as compared with similar institutions and its own performance in the past. Through this report and other aspects of performance measurement and assessment, the University seeks to be open and accountable to the constituencies it serves.

The Report on Annual Indicators includes measures that relate to five primary areas:

- *Academic Quality*
- *Student Success and Satisfaction*
- *Access and Affordability*
- *Service to the Commonwealth*
- *Financial Health*

Encompassed within these five areas are nine strategic priorities of the University. The strategic priorities are:

- *Improve student learning experience*
- *Strengthen research and development*
- *Renew faculty*
- *Continue a focus on diversity and positive climate*
- *Maintain and improve access and affordability*
- *Develop leadership role in public service*
- *Increase endowment*
- *Improve administrative and IT services*
- *Develop first-rate infrastructure*

Then, in 2012, incoming new president, Robert L. Caret identified the following six themes to reflect the University's continuing commitment to accountability, assessment, transparency, and improvement:

- *Student Success*
- *Workforce/Educated and Engaged Citizenry*
- *World-Class Research Enterprise*
- *Social Well-Being*
- *Good Stewards of State Resources*
- *Telling and Selling the UMass Story*

These broad themes align generally with the legislative and University priorities. It is anticipated that progress on these themes will be tracked annually in a separate document.

Many indicators are common to all campuses, but several are unique and reflect the distinct missions of each of the campuses.

The report provides relevant longitudinal and comparative data to help the reader assess the information being provided. Each campus has an established peer group that contains comparable as well as "aspirant" institutions. For the Worcester campus, the peer group consists of 20 medical schools in the United States (public and private). For all the other UMass campuses, small groups of institutions comparable in mission, size, student characteristics and programmatic mix are used.

The report presents some indicators in aggregate for the entire system, in particular those that relate to *Access and Affordability*, *Service to the Commonwealth*, and *Financial Health*. Indicators in these areas reflect decisions that rest with the system administration and the Board (such as tuition and fee levels) or describe the collective role of the campuses in serving the students and citizens of the Commonwealth (such as degree production or enrollment of Massachusetts residents). Depending on

the indicator, data for the UMass system are compared with Massachusetts private universities, Massachusetts demographic data, New England public universities, or (for the financial indicators) a small group of public university systems in other states.

The System report is followed by individual reports for each campus. Each report has the following format:

- Headlines from the 2013 Annual Indicators
- 2013 Annual Indicators at a Glance
- Data Tables and Charts
- Definitions and Sources

LEGISLATIVE PRIORITIES	UMASS STRATEGIC PRIORITIES	2013 ANNUAL INDICATORS	
ACADEMIC QUALITY	Improve student learning experience	HS GPA of Freshmen	
		SAT Scores of Freshmen	
		Average GPA of Transfer Students	
		MCAT Scores of Entering Students	
		Satisfaction with Major/Education	
		Number of Students Enrolled in For-Credit Internships	
		Doctoral Degrees Awarded	
		Postdoctoral Appointees	
		Research Expenditures (Total and per Tenure-System Faculty)	
	Strengthen research and development	Rank in Total R&D (NSF)	
		Sponsored Instruction/Outreach per Faculty	
		Rank in NIH Funding Among Medical Schools	
		US News Ranking in Primary Care Medicine	
		Patent Applications	
		License Income	
		Renew faculty	New Tenured/Tenure-Track Faculty Hired
	Change in Tenured/Tenure-Track Faculty		
	Change in Faculty FTE		
	Faculty Awards		
	National Academy Members		
	ACCESS AND AFFORDABILITY	Access and Affordability	Tuition & Fees as Percent of Statewide Family Income
			Percent Pell Grant Recipients
			Percent of Need Met for Students Awarded Need-Based Aid
			Tuition & Fees with Learning Contract
			Percent Undergraduates from Massachusetts
			Online Course Enrollments
			Annual Growth in Online Course Enrollments

LEGISLATIVE PRIORITIES	UMASS STRATEGIC PRIORITIES	2013 ANNUAL INDICATORS		
STUDENT SUCCESS AND SATISFACTION	Diversity and positive climate	Percent Undergraduates who are Students of Color		
		Percent Undergraduates who are First Generation in College		
		Percent Undergraduates who have English as Second Language		
		Percent Undergraduates who are International		
		UGs who participated in Study Abroad Program		
		Freshman One-Year Retention Rate		
		Freshman Six-Year Graduation Rate		
		Transfer One-Year Retention Rate		
		Transfer Graduation Rate		
		Match Rate/Choice of Residency		
		SERVICE TO THE COMMONWEALTH	Develop a leadership role in public service	Percent Mass Residents Attending UMass
				In-State UG Enrollment by Region
UMass Percent of all Massachusetts Degrees				
Percent Graduates who Remain in MA				
Enrollment in Science, Technology, Engineering, and Mathematics (STEM) Programs				
Degrees & Certificates Awarded in STEM Fields				
MTEL Science & Math Test-Takers				
Regional Impact				
Service to State Agencies (\$)				
FINANCIAL HEALTH	Endowment			Endowment Assets and Annual Growth in Endowment
		Endowment per Student		
		Private Funds Raised Annually		
	Administrative and IT services	Return on Net Assets		
		Financial Cushion		
	Infrastructure	Campus Safety		
		Debt Service to Operations		
Total Deferred Maintenance Cost				
		Deferred Maintenance per GSF		

HEADLINES FROM THE 2013 ANNUAL INDICATORS

ACADEMIC QUALITY

❖ ***UMass continues to admit high quality students.***

UMass attracts highly qualified applicants. For Fall 2012, all campuses received the highest number of undergraduate applications in the last ten years. Freshmen average SAT scores (Reading and Math) were slightly higher from last year for all campuses, ranging from 1056 to 1197. Average high school GPA rose or remained stable, ranging from 3.15-3.66.

❖ ***UMass research capacity continues to grow.***

In FY 2012, the system generated \$597.5 million in research expenditures, an increase of 2% over FY 2011. Furthermore, in 2012, the five campuses awarded a total of 678 doctoral degrees across various disciplines. These include professional practice degrees.

❖ ***UMass Worcester is consistently ranked in the top 6% of medical schools with an emphasis in primary care.***

In the 2012 US News ranking, UMass Worcester ranked ninth among 146 medical schools with emphasis in primary care medicine.

❖ ***Commercialization of UMass research continues to grow.***

In FY 2012, license income for the University totaled \$53.9 million, reflecting a 48% increase from FY 2011. The spike in FY 2012 includes a \$20 million payment from Merck for accomplishing a milestone event in the *human monoclonal antibody against C.difficile* project. UMass ranks among the top US universities in license income. Based on the most current ranking data of the AUTM Survey (FY 2011), the University is ranked 14th nationwide among institutions in terms of licensing income generated from technology transfer.

ACCESS AND AFFORDABILITY

❖ ***UMass continues to be accessible and affordable.***

UMass tuition and fees average 14.6% of statewide median family income, a percent much lower than that for the state's private universities (44.1%) and other New England public universities (15.1%).

❖ ***UMass serves citizens of the Commonwealth.***

Over four-fifths (83%) of UMass undergraduates are Massachusetts residents, compared with approximately a quarter at private universities in the state. These figures have been consistent over the years.

❖ ***UMassOnline expands programs to provide educational access.***

UMass Online reaches diverse and geographically dispersed learners. In AY 2011-12 course enrollments for

UMass Online were 54,086, a 7% increase over AY 2010-11.

STUDENT SUCCESS AND SATISFACTION

❖ ***UMass educates a diverse citizenry.***

The number of students of color enrolling at UMass has increased over the last five years. Currently, well over one-fourth (or 29.2%) UMass undergraduates are Students of Color. At UMass Boston, 48% of undergraduates are students of color, making it the most diverse public university with nearly 5,000 undergraduates in all of New England. As a point of comparison, approximately 27.2% of Massachusetts public high school graduates are students of color.

❖ ***International Presence among UMass Students.***

There is a growing international presence among UMass students. There are 1,746 international undergraduates students (3%) across the five campuses. The University's graduate program has a stronger international presence by comparison. International students comprise about 6% (or a total of 4,423) of the total student population - including all undergraduates, graduates, and medical students.

❖ ***Medical school graduates get their choice of residency.***

Ninety-eight percent (98%) of UMass Worcester graduates were accepted to their choices of residency, a match rate that is consistently higher than the peer institutions.

SERVICE TO THE COMMONWEALTH

❖ ***Majority of Massachusetts residents attend UMass.***

Over one-fourth (27%) of all Massachusetts residents enrolling in any of the 4-Year universities in the state as first-time undergraduates attend UMass. The University's students come from every region of the state.

❖ ***UMass' contribution to an educated citizenry and workforce remains high.***

UMass awarded 15,688 degrees and certificates in 2011-12. These include a total of 14,507 degrees (bachelors and above), that represent 15% of all baccalaureate and graduate degrees (19% of bachelors, 10% of master's degrees and 8% of doctoral and first professional degrees) awarded in the State. The University's impact is particularly high in the following fields: computer & information sciences, engineering, and health (bachelor's level); natural sciences and engineering (master's level); education, computer and information sciences, and math and natural sciences (doctoral level).

❖ *Majority of UMass alumni reside and work in Massachusetts.*

Nearly two of three (63%) graduates of the University remain in the Commonwealth after graduation.

FINANCIAL HEALTH

❖ *Total Endowment at \$565.09 million.*

The market value of the University's endowment grew by 7% between FY 2011 to FY 2012. In comparison to the relatively small annual growth for UMass, there was a 49% endowment growth over the same period for peer institutions.

❖ *Financial indicators compare favorably to peers.*

In FY 2012, the University's return on net assets, financial cushion and debt service to operations were all within the range of peer systems.

2013 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

- Research Expenditures \$597.5M
- License Income \$53.9M
- Doctoral awards 678

ACCESS AND AFFORDABILITY

- Tuition & Fees as Percent of Family Income 14.6%
- Percent Undergraduates from Massachusetts 83%
- Percent of all Undergraduate Freshmen enrolled in 4-Year institutions in MA, at UMass 27%
- Online Course Enrollments 54,086
- Annual Growth in Online Course Enrollments 7%

STUDENT SUCCESS AND SATISFACTION

- Percent Undergrads who are Students of Color 29.2%
- Percent Undergrads who are International 3%

SERVICE TO THE COMMONWEALTH

- Percent MA Residents (Freshmen) Attending the University and its Private Peers, enrolled in UMass 64%
- Enrollment of In-State Undergraduates by Region:
 - Greater Boston 43%
 - Northeastern Mass 21%
 - Southeastern Mass 19%
 - Central Mass 9%
 - Western Mass 9%
- Degrees and Certificates Awarded 15,688
- UMass Degrees as Percent of all MA Degrees 15 %
- Percent Graduates who Remain in MA 61%
- MTEL Science and Math Test-Takers 205

FINANCIAL HEALTH

- Total Endowment Assets \$565.09M
- Annual Growth in Endowment 6.8%
- Private Funds Raised Annually \$94.0M
- Return on Net Assets 11.8%
- Financial Cushion 26.5%
- Debt Service to Operations 5.3%
- Total Deferred Maintenance Cost \$3.02B
- Deferred Maintenance per GSF \$128.92

ACADEMIC QUALITY

Number of Doctoral Degrees Awarded

UMass campuses awarded a total of 678 doctoral degrees in the 2011-12 academic year, reflecting a 10% increase over the previous year. These include both research/scholarship doctorates (439) and professional practice degrees (239). The top five areas with the highest number of doctoral degrees awarded were Health Professions and Related Sciences (226), Biological/Life Sciences (89), Education (54), Engineering (79), and Physical Sciences (51). A total of 119 MD degrees were awarded by UMMS. UMass Dartmouth awarded 43 Juris Doctor degrees in the UMass Dartmouth Law program's first year.

<i>UMass</i>	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>
<i>All Campuses</i>	535	552	616	678

Total Research & Development Expenditures

UMass Total Research Expenditures increased to \$597.5 million in FY 2012, from \$586.7 million in FY 2011. In FY 2012, despite an overall decrease in federal funding levels, Total R&D Expenditures for UMass grew by 2% over the previous year. The millions of research dollars pouring into all five campuses is testament to the University of Massachusetts's stature as a world-class institution.



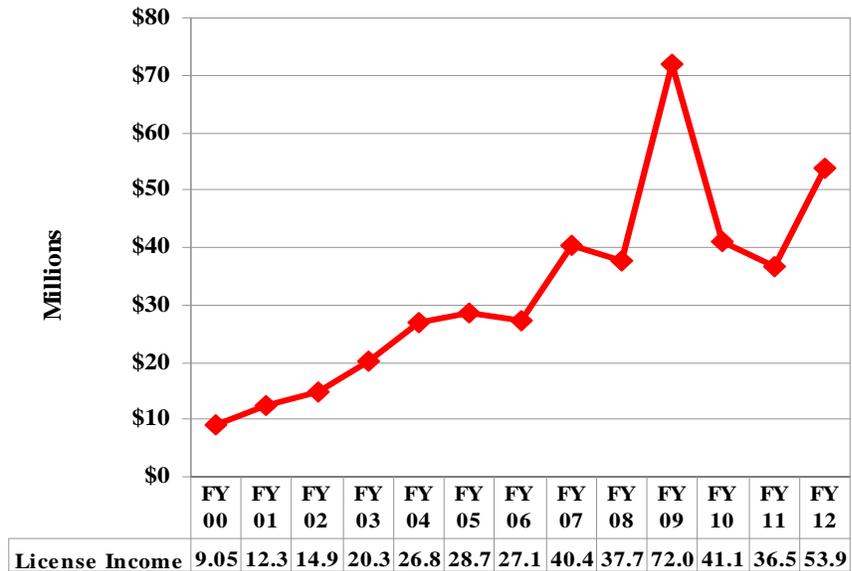
Number of Patent Applications

In FY 2012, UMass campuses submitted a total of 87 U.S. Patent applications. In years prior to FY 2012, patent applications have consistently been over a hundred, with some years significantly better than others. In FY 2010, the University submitted a total of 121 U.S. patent applications - the highest figure in the last five years.

<i>Number U.S. Patent Applications</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
<i>UMass Total</i>	112	100	121	101	87

License Income

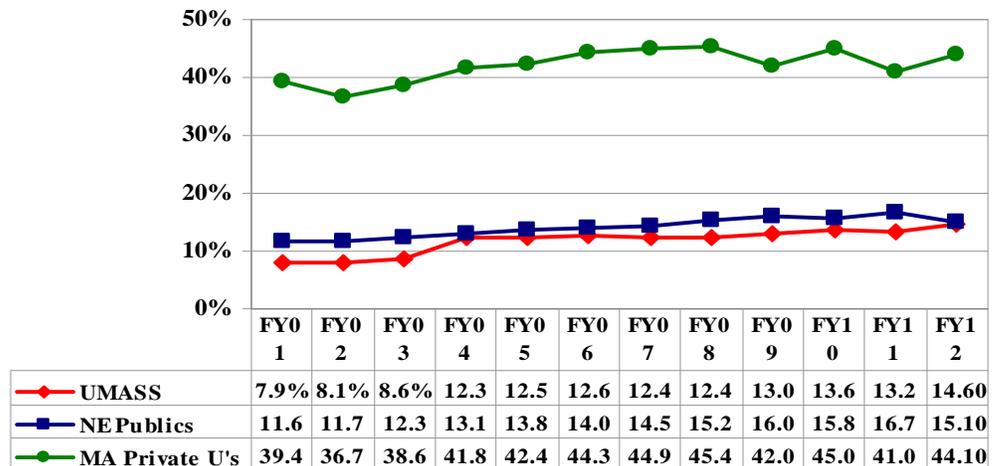
License Income is a measure of the economic value of an institution's inventiveness and a contributor to the University's economic health. License income for UMass totaled \$53.9 million in FY 2012, reflecting a 48% increase from FY 2011. It is important to note that FY 2009 represents a unique year as it includes \$30M up-front payment to UMMS from Merck for the licensing of a human monoclonal antibody combination, developed at the Massachusetts Biologic Laboratories. FY12 saw another significant payment of \$20 million from Merck. Based on most current ranking data (FY 2012) of the AUTM survey, the University is ranked 14th nationwide among academic institutions in terms of licensing income generated from its technology transfer operation.



ACCESS AND AFFORDABILITY

Tuition and Fees as a Percentage of Family Income

UMass average tuition and fees remain affordable relative to median family income. In FY 2012, UMass tuition and fees averaged 14.6% of statewide median family income, compared with an average of 44.1% for the state's private universities as well as an average of 15.1% for other New England public universities.

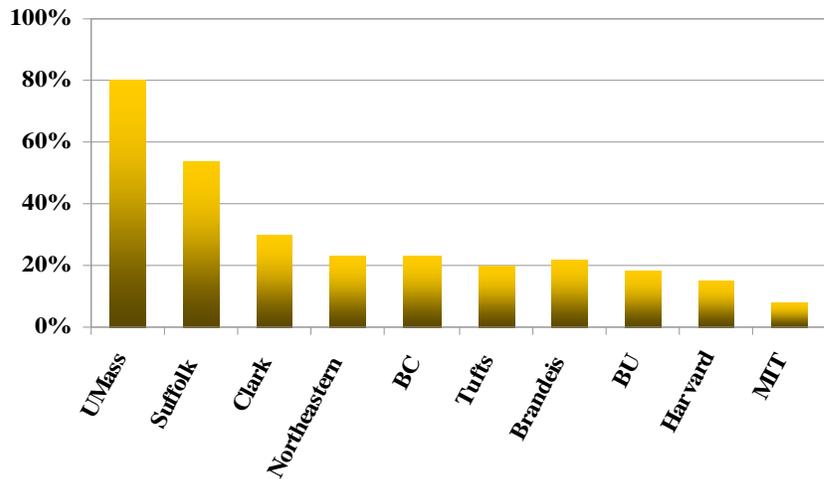


Percent Undergraduate Students from Massachusetts

The University continues to attract MA residents as an affordable institution that provides high quality educational opportunities in the state. Over four-fifths (83%) of all undergraduate students attending UMass campuses are MA residents.

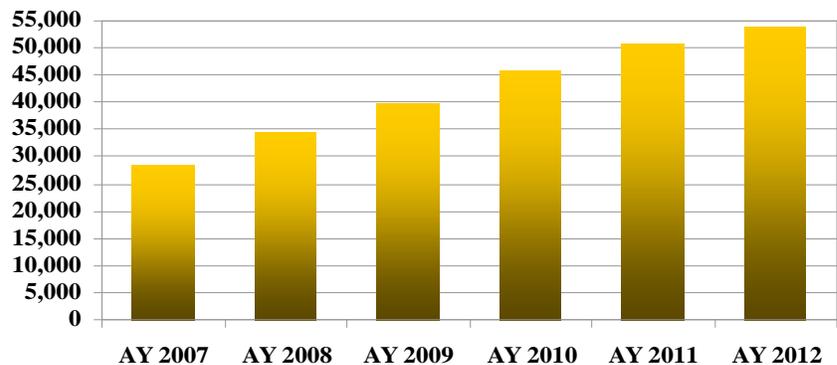
UMASS	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Number	41,864	43,632	44,503	44,756	44,914
Percent	86%	86%	86%	84%	83%

The vast majority (four-fifths or 80%) of UMass undergraduate freshmen are also residents of the Commonwealth. The percentages are highest at the more regional campuses - at Boston, Dartmouth, and Lowell, almost nine out of ten freshmen are in-state - and lowest at UMass Amherst, where seven of ten students are in-state. By contrast, 22% of undergraduate freshmen enrolled in the state's private universities come from Massachusetts. Data is comparable with prior year.



Rate of Growth in Online Course Enrollments

UMassOnline delivers 122 programs to diverse and geographically dispersed learners. Course enrollments in UMass Online continue to grow at a healthy rate. Last year showed a 7% increase in online course enrollments (AY 2011 - AY 2012).



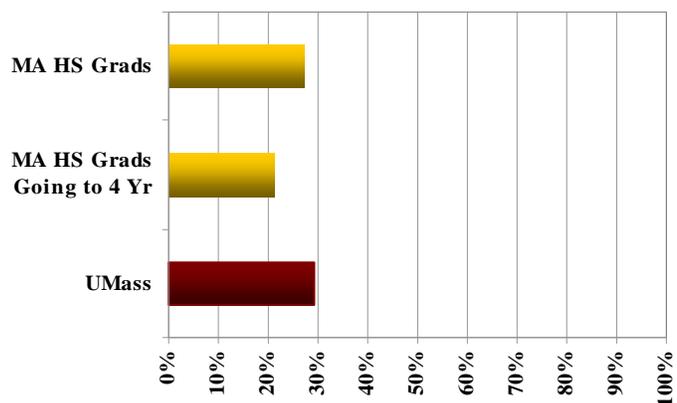
UMASS Online Course Enrollments	AY 2008	AY 2009	AY 2010	AY 2011	AY 2012
Enrollments	34,246	41,677	45,734	50,782	54,086
Annual Growth Rate	20%	17%	10%	11%	7%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduate Students of Color

Well over one-fourth (29.2%) of the University's undergraduate students are Students of Color. This compares favorably to the diversity of Massachusetts' public high school graduates. Students of Color comprised 27.2% of the state's population of public high school graduates. Of the Class of 2012 of high school graduates, 21.1% of those who intend to enroll in a four-year college or university were Students of Color.

Beginning with the high school class of 2006, students who identify as Multi-Race are included in the count of students of color. Comparisons with prior year data should be made with caution.



Percent Undergraduates who are International

In Fall 2012, the UMass System had a total of 4,423 international students, comprising 6% of the total student population - including all undergraduates, graduates, and medical students. Three percent of the University's undergraduate students are International students. International undergraduate students enrollment grew by 39%, from 1,254 to 1,746. The University's graduate program has a much stronger international presence by comparison, at 16%.

UMASS	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Number	624	734	861	1,254	1,746
Percent	1.3%	1.5%	2.0%	2.0%	3.0%

Number of Undergraduate Students that Participated in a Study Abroad Program

In 2011-2012, an estimated 1,488 UMass undergraduate students participated in a Study Abroad program. This is a 1% increase from the previous year, and a 21% increase over

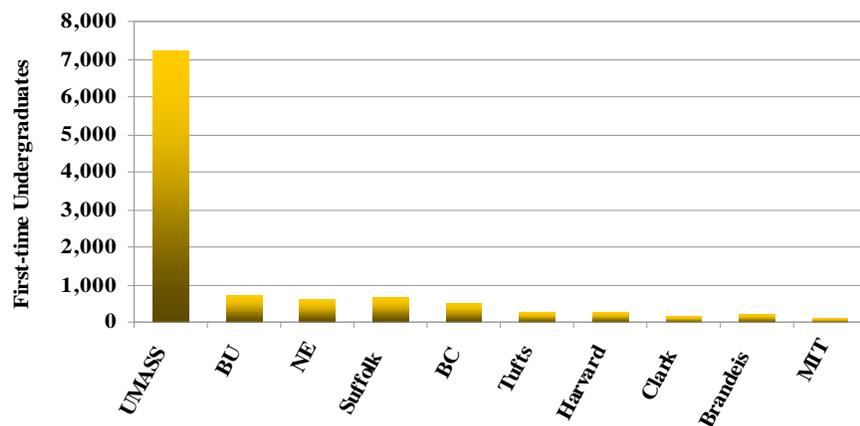
UMASS	Fall 2007 - Summer 2008	Fall 2008 - Summer 2009	Fall 2009 - Summer 2010	Fall 2010 - Summer 2011	Fall 2011 - Summer 2012
Number	1,230	1,352	1,322	1,480	1,488

SERVICE TO THE COMMONWEALTH

Enrollment of Massachusetts Residents

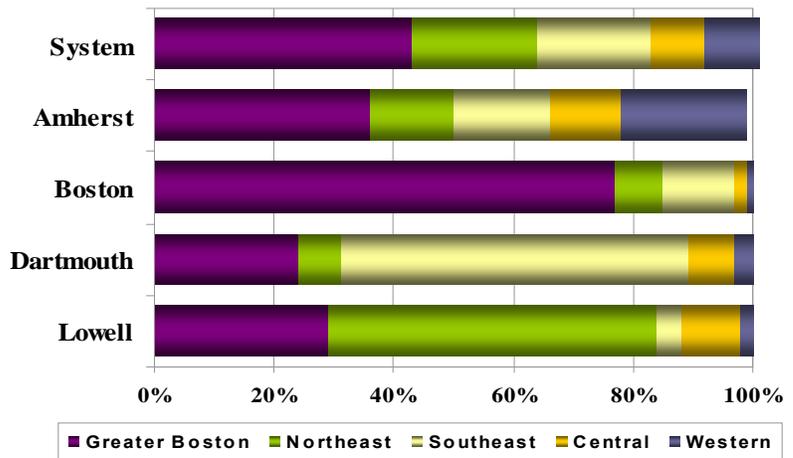
Two of every three (68%) In-State undergraduate freshmen attending the University or its Private Peers, is enrolled at a UMass campus.

Over one-fourth (27%) of all first-time undergraduates attending any 4-Year institution in the Commonwealth goes to UMass.



Enrollment by Region

UMass serves undergraduate students from all regions of the Commonwealth - UMass Boston drawing 77% from the Greater Boston area, Dartmouth drawing 58% from Southeastern Massachusetts, and Lowell drawing 55% from the Northeastern corner of the state. Thirty-six percent (36%) of Amherst's undergraduate students from MA are from Greater Boston, and another 21% are from the Western area. Data are based on UMass Undergraduates students that are residents of the Commonwealth.

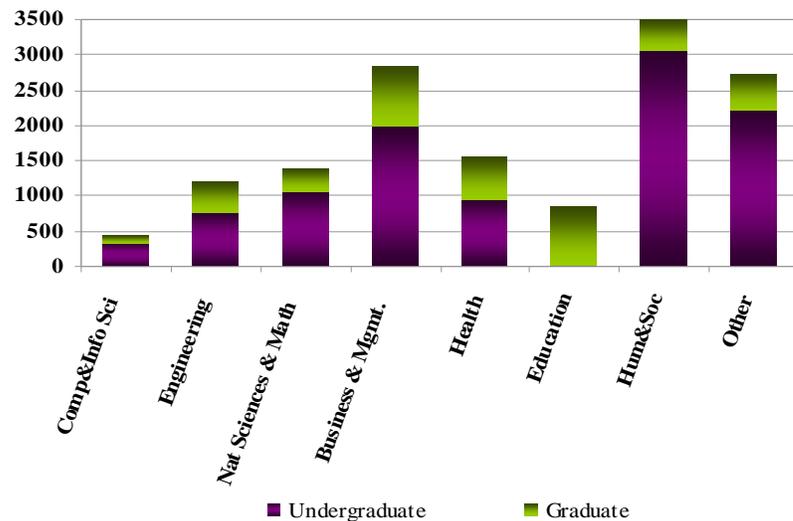


Awards Conferred by Field

In 2011-12, 15,688 degrees and certificates were conferred by the University, reflecting a 6% increase from the previous year. Of these awards, 66.3% were at the undergraduate level and 26.3% were at the graduate level. The remaining 7.3% were associates degrees and undergraduate certificates.

One in every ten degrees (bachelor's or higher) was in the Health Sciences and Professions for a total of 1,556. In Education, a total of 849 degrees were awarded, 98% of which were at the graduate level. Approximately one-fourth (24%) of all the awards were in the Humanities and Social Sciences. Business/Management comprised one-fifth (20%) of all awards.

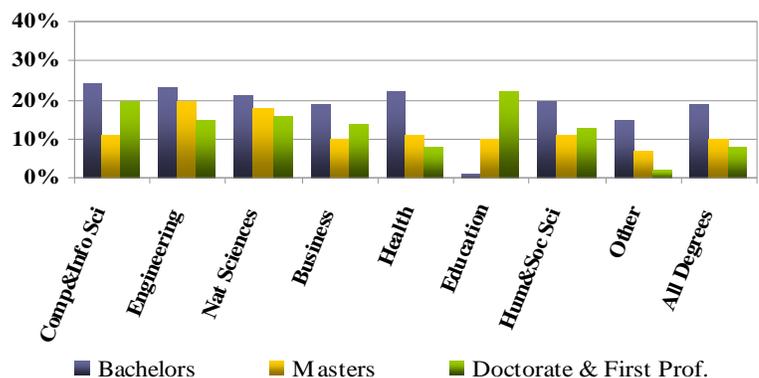
The University conferred 439 degrees (3%) in Computer and Information Sciences (bachelor's or higher), 1192 (8%) awards in Engineering and Engineering-related Technologies, and 1,398 (10%) awards in Math and Natural Sciences.



UMass Degrees as Percent of Massachusetts Degrees

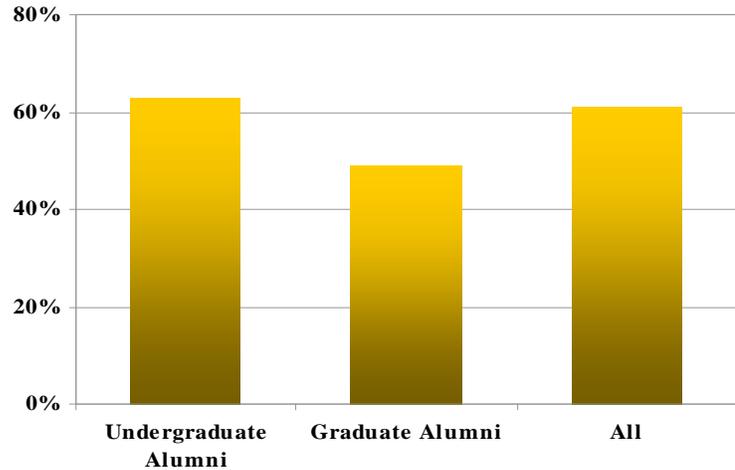
The University of Massachusetts awarded 15% of all baccalaureate and graduate degrees last year (19% of bachelors, 10% of master's degrees and 8% of doctoral and first professional degrees) in the State.

The University's impact is particularly high in the following fields: computer & information sciences, engineering, and health (bachelor's level); natural sciences and engineering (master's level); education, computer and information sciences, and math and natural sciences (doctoral level).



Percentage of Graduates Who Live in Massachusetts

Almost two of three (63%) undergraduate alumni and half (49%) of the graduate alumni of the University live and work in the Commonwealth of Massachusetts. In all, 61% of UMass graduates continue to live and work in the Commonwealth.



MTEL Science and Math Test-Takers

In 2011-12, 205 of the students completing the University's teacher preparation programs took the Massachusetts Tests for Educator Licensure (MTEL) in Science and Math subjects. The fact that this figure has almost quadrupled over the past six years (since 2005-06) is a clear reflection of the recent successes achieved by campuses in their STEM initiatives

2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
71*	92	84	154	205	205

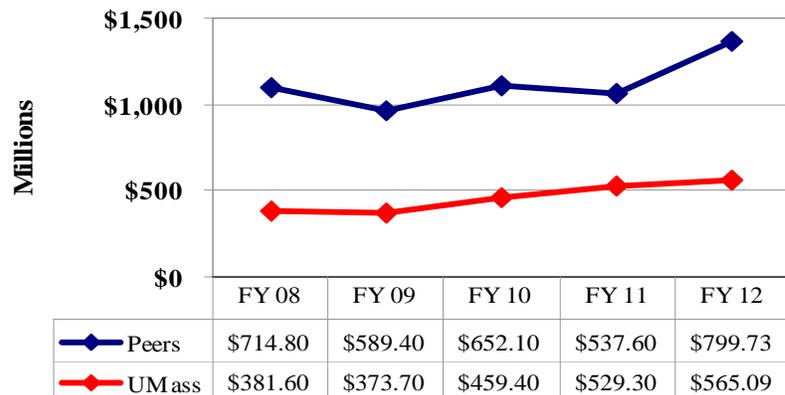
*2006-07 numbers have been revised from PMS 2011.

FINANCIAL HEALTH

Endowment Assets

UMass's endowment growth rate of approximately 6.8% from FY11 to FY12 while the average for all university endowments increased by almost 50%.

Peers do not include UCal and SUNY.



Annual Growth Rate	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMass	16.2%	-2.4%	23.4%	15.2%	6.8%
Peers	-8.0%	-17.5%	10.6%	-17.6%	48.8%

Private Funds Raised Annually

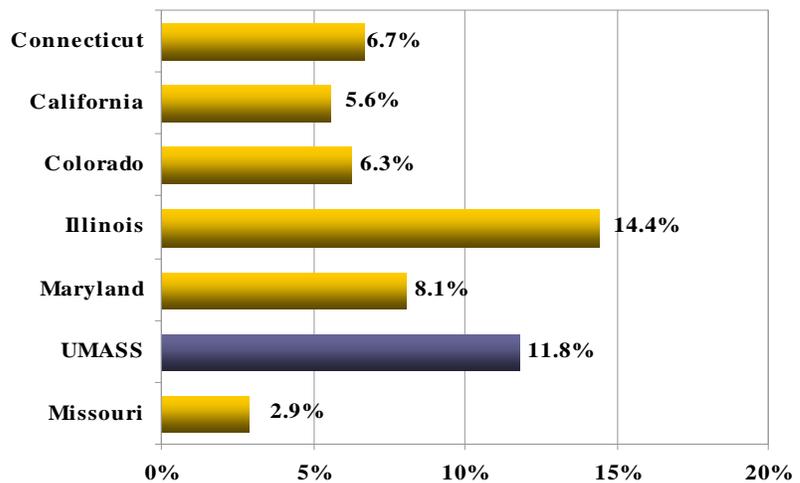
Private giving saw a decline in FY2012 (-14.7%) following two really strong years in FY 2010 and FY 2011, when private funds crossed well over the \$100 million mark. The FY 2012 decline reflects the fiscal challenges that most households are facing in this difficult economic times.



Return on Net Assets

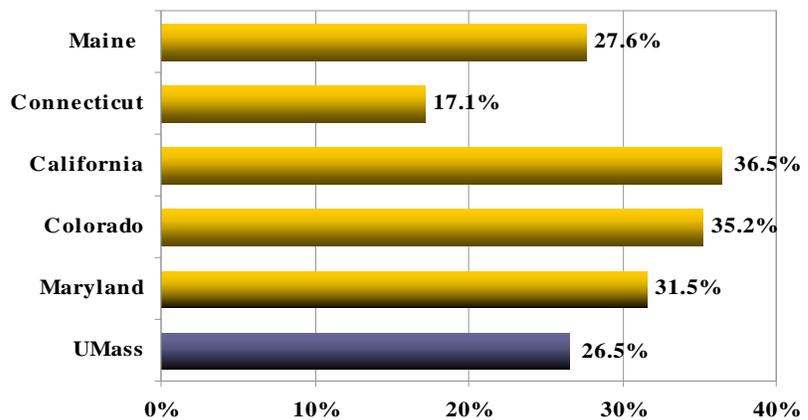
This measure provides a comprehensive measure of the growth or decline in total University wealth. This measure is best viewed over a longer period of time, however, it still helps to show if an institution is better off at the end of the fiscal year than at the beginning. A decline in this ratio may be appropriate if it reflects a strategy to fulfill mission such as investing in capital improvements.

In FY 2012, the University’s return on net assets was at the top of the range for peer systems.



Financial Cushion

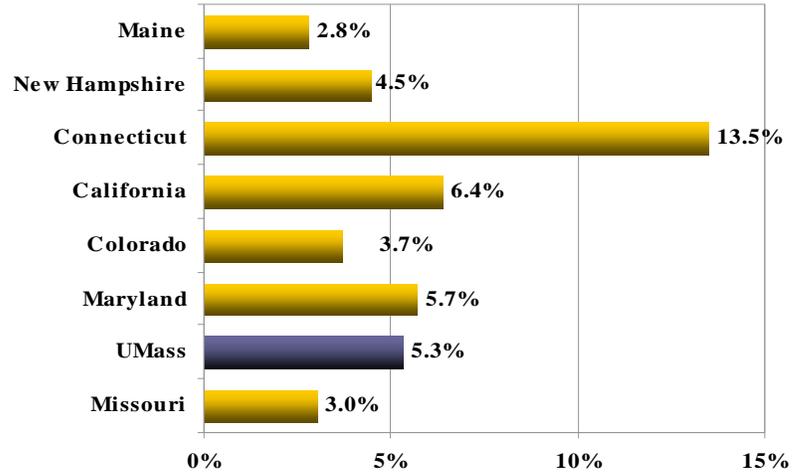
In FY 2012, the University as a whole had a financial cushion of 26.5%.



Debt Service to Operations

Debt service as a percent of expenditures is a reflection of the demand that long-term commitments make on operational funds.

Rating agencies generally consider that a debt service ratio of greater than 10% represents an institution that is highly leveraged.



Total Deferred Maintenance Cost

These facilities indicators will be tracked annually. The total amount of deferred maintenance includes the amount needed to maintain the current functions of the campuses. This is the amount needed to address the deferred maintenance backlog plus the code work that would be mandated to allow campuses to continue to use space once repairs are complete.

<i>Total Deferred Maintenance Cost</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
	\$2.57B	\$2.58B	\$3.06B	\$2.96B	\$3.02B

The total deferred maintenance cost per square foot of space ratio quantifies the average dollar level of deferred maintenance work needed per square foot of space.

Deferred Maintenance per GSF

These facilities indicators will be tracked annually. The total amount of deferred maintenance includes the amount needed to maintain the current functions of the campuses. This is the amount needed to address the deferred maintenance backlog plus the code work that would be mandated to allow campuses to continue to use space once repairs are complete.

<i>Deferred Maintenance per GSF</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
	\$118.04	\$122.80	\$164.81	\$133.07	\$128.92

The total deferred maintenance cost per square foot of space ratio quantifies the average dollar level of deferred maintenance work needed per square foot of space.

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

Doctoral Degrees Awarded. Total number of Doctorates awarded by UMass campuses for the academic year 2011-12, which includes September 2011, January 2012, and May 2012 award dates. The data includes both research/scholarship and first-professional doctoral degrees.

Research Expenditures. FY 2012 data as reported to the National Science Foundation (NSF) through its annual Survey of R&D Expenditures at Universities and Colleges. This survey is now called the Higher Education Research and Development (HERD) Survey.

License Income. Amount of annual income from license agreements as reported to the Association of University Technology Managers for its annual survey.

ACCESS AND AFFORDABILITY INDICATORS

Tuition and Fees as a Percentage of Family Income. Tuition and mandatory fees for in-state undergraduates (FY 2012) as a percentage of state-wide median family income as reported by US Census in 2012 inflation-adjusted dollars (latest available). Comparative data are from IPEDS and US Census.

Percentage of undergraduate students from Massachusetts. Percentage of Fall 2012 undergraduate state-supported students from in-state as determined by tuition residency classification.

Online course enrollments and Rate of growth in online course enrollments. Total course enrollments in online courses. Percentage rate of growth in annual course registrations. Academic Year 2012-12 represents Fall 2011, Winter 2012, Spring 2012, and Summer 2012 enrollments. Data are for fully online (100%) and blended courses. Source: *UMassOnline*.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percentage of Undergraduate Students of Color. Fall 2012 undergraduates who are Black (including Cape Verdean), Hispanic/Latino, Asian and/or Native American, divided by total U.S. citizens and permanent residents who report race/ethnicity. Comparative data for 2012 public high school graduates are from the MA Department of Education.

Percentage Undergraduates who are International. Percentage of all undergraduates who are studying at the university on a student visa. International students include all eligible visa types as long as they are enrolled for a credit

course; i.e., international students do not include U.S. citizens, U.S. permanent residents or refugees.

SERVICE TO THE COMMONWEALTH INDICATORS

Enrollment of Massachusetts residents. Number of first-year undergraduates enrolling at each institution who are residents of Massachusetts. Data are from Fall 2012 IPEDS Enrollment student residency table.

Enrollment by region. In-state undergraduate enrollment by region for Fall 2012.

Degrees conferred by field. 2011-12 degrees conferred by UMass campuses by field. IPEDS 2011-12 Completions data.

UMass degrees as Percent of all Massachusetts degrees. Degrees awarded by UMass as % of total degrees awarded by colleges and universities in the state in 2011-12 based on IPEDS Completions Survey.

Percent of graduates who live in Massachusetts. Percentage of total undergraduate and graduate degree recipients who currently reside in Massachusetts based on alumni records as of Fall 2012.

MTEL Science & Math Test-Takers. Total number of students who took the Massachusetts Tests for Educator Licensure (MTEL) subject tests in science and math fields. Data compiled from the campuses' MTEL Annual Institution reports.

FINANCIAL HEALTH INDICATORS

Endowment assets. Market value of true and quasi-endowment assets. Data from the UMass Foundation Advancement Report to the Board of Trustees. Comparative data are from IPEDS, financial statements and NACUBO survey.

Private Funds Raised Annually. Private funds raised includes restricted and unrestricted revenues from individuals, foundations, corporations and other organizations. Includes private grant revenues but not private contract revenues. Totals for each year include pledges made in that year as well as the value of in-kind contributions. Data from the UMass Foundation Advancement Report to the Board of Trustees.

Return on Net Assets. Increase/decrease in net assets divided by total net assets at beginning of the year. Peer data from published financial statements.

Financial Cushion. Unrestricted net assets as a percentage of operating expenditures and interest expense. Peer data are from published financial statements. Not comparable to prior years.

Debt Service to Operations. Debt service payments as a percentage of operating expenditures and interest expense. Peer data from published financial statements. Not comparable to prior years.

Total Deferred Maintenance (DM) Cost & Deferred Maintenance Cost (DM) per Square Foot of Space.

These new indicators better reflect the condition of campus facilities and are based on work being done with the facilities asset advisory firm *Sightlines* utilizing their *The Return on Physical Assets (ROPA sm)* methodology.

Total Deferred Maintenance (DM) Cost. Includes deferred and other maintenance dollars needed to maintain the current function of the campus. This is the amount needed to address the deferred maintenance backlog plus the code work that would be mandated to allow the campus to continue to use the space once the repairs were complete.

DM Cost per Square Foot. The total deferred maintenance cost per square foot of space. This ratio quantifies the average dollar level of deferred maintenance work needed per square foot of space.

PEER INSTITUTIONS FOR UMASS SYSTEM

Peer University Systems

University of Connecticut
University of California
University of Colorado
University of Illinois
University of Maryland
University of Missouri

New England Public Universities

University of Connecticut
University of Maine
University of New Hampshire
University of Rhode Island
University of Vermont

Massachusetts Private Universities

Boston College
Boston University
Brandeis University
Clark University
Harvard University
Massachusetts Institute of Technology
Northeastern University
Suffolk University
Tufts University

Please Note: Unless otherwise specified, all data are from the UMPO - Office of Institutional Research.

HEADLINES FROM THE 2013 ANNUAL INDICATORS

ACADEMIC QUALITY

The Top American Research Universities (TARU - The Center) identifies nine performance indicators as measures of academic quality to evaluate the comparative performance of public and private research universities that generate over \$40 million in federal research annually. Included in this group are ten public research universities with a Carnegie classification of very high research activity (RU/VH) with which the Amherst campus is comparing its progress on these and other indicators. All but two of the peers, the Universities of Connecticut and Delaware, are among the 61 members of the Association of American Universities (AAU). AAU institutions are recognized for their excellence in research and education. Therefore, the benchmark for the Amherst campus is quite high, and its performance is generally lower than its peers. In 2013, the University of Oregon, an AAU institution, replaced the University of Nebraska from UMA's list of institutional peers. Historical data have been adjusted to reflect this change.

Student Academic Quality. The academic profile of entering students has made impressive gains in recent years, evidenced by growth in both high school GPA and SAT scores. The high school GPA of entering students increased from 3.56 in 2008 to 3.66 in 2012. Ninety-nine percent of students entered UMA with a high school GPA of 3.0 and above. Average SAT scores improved by 55 points over the five-year period, but still fall below the median of the peer group at the 75th percentile. However, the campus is making progress in closing the gap. Further, seniors report high satisfaction with their undergraduate experience. Results from the National Survey of Student Engagement (NSSE) show that 86% of seniors rated their UMass Amherst educational experience positively, and increasing numbers rated it as excellent.

Advanced Training. The campus has demonstrated strength in the education and training of pre- and post-doctoral researchers. Here, too, UMass Amherst is below the peer median for the number of degrees awarded. In recent years, the number of post-doctorates receiving training has declined, some of which can be attributed to the 2012 implementation of the campus's first postdoc union contract.

Research and Creative Activity. Total and federal research dollars in science and engineering (R&D) are key measures of an institution's commitment to and success in research. The Amherst campus faculty has been successful in competing for these dollars. Total

R&D spending in Science and Engineering increased by 17%, and total R&D expenditures per faculty increased by 11% in the past five years. The campus ranks 68th among public research universities on R&D expenditures (TARU). Despite improvements in research spending, the campus consistently performs below the median of its peers.

The number of academic honors and awards bestowed on its faculty is another indicator of an institution's quality. UMass Amherst's faculty has shown strength in this area, but has been below the peer median on faculty awards for the past two years. The number of National Academy members has remained stable, but below the peer median.

In recent years, the campus invested in tenure-system faculty, and the number of faculty exceeded 1,000 for the first time since 2001. Nevertheless, it is considerably smaller than top public research universities. Continued growth in the tenure-system faculty will be required for the campus to make significant progress in improving academic quality and research productivity, and to advance in the research university rankings.

ACCESS AND AFFORDABILITY

Providing an affordable and accessible education of high quality is stated in the University's mission. In the 2011-12 academic year, the neediest in-state students at UMA (23%) received aid in the form of Pell grants. Eighty-six percent of financial need was met for in-state students who applied for aid. The campus continues to recognize its commitment to students with financial need, and has increased institutional need-based aid accordingly.

STUDENT SUCCESS AND SATISFACTION

Most UMass Amherst students have a positive educational experience. Eighty-eight percent of students return for their sophomore year, 70% graduate within six years from UMA, and 11% graduate from another institution. This is the highest graduation rate since the campus began tracking this statistic. The retention and graduation rates have improved in recent years but remain somewhat below the peer median. The campus is implementing and expanding programs that will enrich the college experience with a goal of increasing retention and graduation rates. Such initiatives include a *First-Year Intelligence* program, SophoMORE, and expanded research and scholarship opportunities for undergraduates. Changes in the design and delivery of

the General Education curriculum, including an integrative experience requirement for all upper division students also serve to enhance and enrich the student academic experience.

The campus has made progress in increasing the diversity of the campus. The fall 2012 entering class was one of the most diverse groups of students in recent history. Many will be the first in their families to complete the baccalaureate. The campus will continue to attract a diverse student body and to encourage greater appreciation for diverse populations.

SERVICE TO THE COMMONWEALTH

The Amherst campus has invested in programs to promote the enrollment and graduation of undergraduate and graduate students in the sciences and mathematics. In fall 2012, 31% of baccalaureate and 30% of graduate students were enrolled in Science, Technology, Engineering and Mathematics (STEM) programs, and over one-quarter of degrees awarded at the undergraduate and graduate levels were in STEM. These investments will continue.

FINANCIAL HEALTH

The fiscal goals of the campus are to develop reliable income streams to supplement state support of campus operations and to devote more of its unrestricted revenue to capital improvements. Funds will also be allocated to replenish faculty strength. Investment in capital improvements and restoration of faculty are necessary if the campus is to remain nationally competitive. Through these investments, the campus will enhance its academic mission and bolster its reputation.

The campus recently announced the launch of *UMass Rising*, a comprehensive fundraising campaign with a goal of \$300 million. The campaign is designed to enhance excellence and contribute to the long-term sustainability of the campus.

The campus is also engaged in the first phase of a strategic plan, *Innovation and Impact: Renewing the Promise of the Public Research University*. This has been an open, participatory and transparent process and more than 130 members of the campus community contributed to the draft document. The resulting plan will set an agenda for the campus, and will guide subsequent institutional-level and departmental implementation plans.

2012 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of Freshmen	3.66
• Average SAT Scores of Freshmen	
<i>Arithmetic Mean</i>	1197
<i>25th – 75th Percentile</i>	1110 – 1280
• Average GPA of Entering Transfer Students	3.27
• Student Satisfaction with Educational Experience	87%
• No. of Doctoral Degrees Awarded	305
• No. of Postdoctoral Appointees	167
• Total R&D Expenditures	\$194.8M
• Federal R&D Expenditures	\$115.3M
• Total R&D/per Tenure-track Faculty	\$172,681
• Patent Applications	26
• License Income	\$0.95M
• New Tenured/Tenure-Track Faculty Hired	56
• Change in Tenured/Tenure-Track Faculty	16
• Change in Faculty FTE	20
• Faculty Awards	6
• National Academy Members	9

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	23%
• % of Need Met for In-State Students Awarded	
Need-Based Aid	86%
• % Undergraduates from Massachusetts	78%
• Online Course Enrollments	18,076
• Annual Growth in Online Course Enrollments	10%

STUDENT SUCCESS AND SATISFACTION

• % Undergraduates who are Students of Color	21%
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• % Undergraduates who are First Generation in College	26%
• % Undergraduates with English as a Second Language	10%
• % Undergraduates who are International	2%
• Number Undergraduates who Participated in a Study Abroad Program	1,074
• Freshman One-Year Retention Rate	88%
• Freshman Six-Year Graduation Rate	70%
• Transfer (Full-time) One-Year Retention Rate	86%
• Transfer (Upper Division) Four-Year Graduation Rate	74%

SERVICE TO THE COMMONWEALTH

• Percent Alumni who remain in MA	51%
• Enrollment in STEM Programs	8,353 (31%)
<i>Undergraduate</i>	6,624 (31%)
<i>Graduate</i>	1,729 (30%)
• Degrees Awarded in STEM Fields	1,833 (26%)
<i>Undergraduate</i>	1,381 (25%)
<i>Graduate</i>	452 (27%)
• MTEL Science and Math Test-Takers	19

FINANCIAL HEALTH

• Total Endowment	\$230.6M
• Annual Growth in Endowment	10%
• Endowment Per Annualized Student FTE	\$8,544
• Private Funds Raised Annually	\$31.3M
• Return on Net Assets	11.3%
• Financial Cushion	24.8%
• Debt Ratio	5.5%
• Deferred Maintenance per GSF	\$162

ACADEMIC QUALITY

High School GPA of Freshmen

UMass Amherst entering first-year students are strong academically with an average high school GPA of 3.66. The Fall 2012 entering class was at a historical high with 99% of students earning a GPA of 3.0 and above. This was the sixth consecutive year of increases. There were 4,592 students in the Fall 2012 entering class.



	2008	2009	2010	2011	2012
<i>Average</i>	3.56	3.60	3.61	3.64	3.66

Average SAT Scores of Freshmen

First-year students entered UMA with a mean SAT of 1197, posting an increase of 55 over the five-year period. This is another historical high for the campus. SAT scores have improved by 20 points at the 75th percentile and 60 points at the 25th percentile since Fall 2008. The campus is above the median of the peer group at the 25th percentile, but still lags the peers at the 75th.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>75th Percentile</i>	1260	1280	1250	1270	1280
<i>25th Percentile</i>	1050	1060	1080	1100	1110
<i>Peer Median</i>					
<i>75th Percentile</i>	1290	1295	1305	1310	1305
<i>25th Percentile</i>	1070	1065	1075	1085	1075
<i>UMA Rank</i>					
<i>75th Percentile</i>	9	8	10	8	8
<i>25th Percentile</i>	8	6	8	5	4

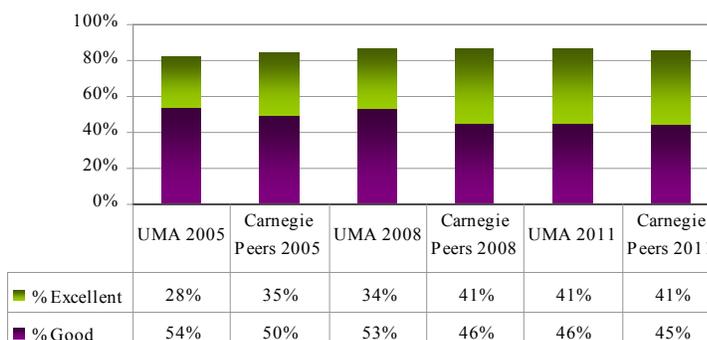
Average GPA of Entering Transfer Students

The transfer grade-point remained high. It consistently surpasses the mandated Department of Higher Education minimum of 2.00 for transfer students.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>UMA</i>	3.16	3.23	3.25	3.29	3.27

Student Satisfaction With Educational Experience

Seniors evaluate their UMA educational experience quite positively in the National Survey of Student Engagement (NSSE). In 2011, almost 90% of students rated their experience as good or excellent. These rates are comparable with other Carnegie VH Research Universities. The proportion of students who rated the experience as excellent has shown strong gains since 2005, increasing from 28% in 2005 to 41% in 2011. The survey will be administered again in Spring 2014.



Doctoral Degrees Awarded

The number of doctorates awarded at UMA, both research scholarship and professional practice degrees, increased in 2011-12. Professional Practice doctorates have increased since the campus began reporting this award. In contrast, the number of research/scholarship degrees at peer institutions decreased. UMA remains near the bottom of the peer group on this measure.

UMA Doctoral Degrees Awarded	2007-08	2008-09	2009-10	2010-11	2011-12
<i>Research/Scholarship Doctorates</i>	291	255	259	258	268
<i>Professional Practice Doctorates</i>	-	-	22	24	37
Total Doctoral Degrees Awarded	291	255	281	282	305

Research/Scholarship Doctorates	2007-08	2008-09	2009-10	2010-11	2011-12
UMA	291	255	259	258	268
Peer Median	335	329	301	359	345
Rank	8	9	9	9	8

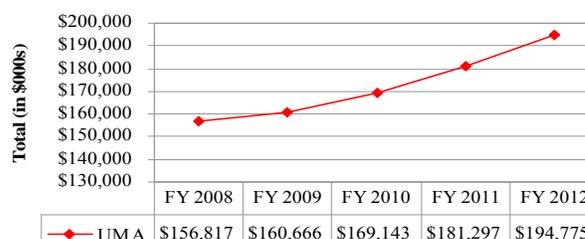
Postdoctoral Appointees

UMass Amherst senior faculty mentor recent PhDs with science and engineering degrees. The number of post-doctoral scholars has dropped in the past few years. This can be explained by the 2012 implementation of the campus' first postdoc union contract. The negotiated stipend increases and benefits resulted in some postdoc layoffs, non-reappointments, and, for some PIs, a decrease in the number of new hires.

	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
UMA	178	224	209	218	202	167
Peer Median	174	160	167	196	NA	NA
Rank	6	4	5	6	NA	NA

Total Research & Development (R&D) Expenditures

Total R&D spending for the campus in FY12 was about \$195 million, of which over \$178 million was in science and engineering (S&E). S&E spending has increased 17% in total dollars and one-third in federal dollars since FY2007. The rate of growth from FY08-11 for the campus has exceeded that of peer institutions. S&E expenditures were about four-fifths of the median of the peer group in FY11. American Recovery and Reinvestment Act (ARRA) funds are included in Federal R&D in FY10 and FY11.



Total R&D Expenditures (\$000's)	2008	2009	2010	2011	2012
S&E UMA	\$152,884	\$156,216	\$164,854	\$176,545	\$178,207
S&E Peer Median	\$214,044	\$220,020	\$209,899	\$232,565	NA
Rank	8	8	7	8	NA

Federal R&D Expenditures (\$000's)	2008	2009	2010	2011	2012
UMA	\$80,432	\$80,950	\$97,937	\$107,683	\$115,280
S&E UMA	\$79,736	\$80,163	\$88,860	\$101,940	\$106,470
S&E Peer Median	\$102,771	\$96,483	\$114,136	\$128,714	NA
Rank	8	9	9	9	NA

Total R&D Expenditures per Tenure System Faculty

The Total R&D Expenditures dollars per faculty increased by 11% between FY2008 and FY 2012. Federal spending increased by 29% during the same period.

Total R&D Per Tenure System Faculty	2008	2009	2010	2011	2012
Total	\$156,037	\$161,149	\$168,805	\$173,253	\$172,681
Federal	\$80,032	\$81,194	\$89,235	\$105,675	\$103,169

Patent Applications

Presently, UMass Amherst files approximately one patent application for every \$6 million in sponsored research spending, which is on par with peer universities.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMA	33	27	28	29	26

License Income

License income received in FY 2012 nearly doubled from FY 2011. The campus received over \$650,000 in sponsored research support from its licensees and optionees in FY 2012. FY 2010 was a record-setting year in licensing income received and included a large one-time payment for a paid-up license.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMA	\$697,008	\$861,496	\$2,353,519	\$513,500	\$952,738

New Tenured/Tenure-Track Faculty Hired

The campus has made significant investments in tenure system faculty hires in recent years. There were 56 such hires in FY13. The campus remains committed to supporting the strongest faculty possible and increasing the number of tenure-system faculty.

	AY 2008-09	AY 2009-10	AY 2010-11	AY 2011-12	AY 2012-13
UMA	72	40	33	57	56

Change in Tenured/Tenure-Track Faculty

Fall 2012 saw a small one-year increase in the tenure-system faculty, and an increase of 34 since Fall 2007. This was the first time since 2001 that the number of faculty exceeded 1,000. Investment in faculty is required to maintain the campus as a nationally competitive public research university.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	1-year Change
UMA	975	972	978	993	1,009	16

Change in Faculty FTE

Faculty full-time equivalent (both full and part-time) showed a one-year increase of 20 and has grown by 54 since Fall 2008. About two thirds of the growth has been accounted for by tenure system faculty.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	1-year Change
UMA	1,266	1,254	1,264	1,300	1,320	20

Faculty Awards

UMass Amherst faculty members are recipients of many prominent awards in the arts, humanities, science, engineering and health fields. The number of awards has dropped in the past few years, and the UMA rank is near the bottom of the peer group.

	2007	2008	2009	2010	2011
UMA	11	14	12	8	6
Peer Median	11	11	14	13	11
Rank	6	3	6	8	8

National Academy Members

Several UMass faculty members have been elected to some of the most prestigious disciplinary organizations: the National Academy of Science, the National Academy of Engineering, or the Institute of Medicine. These are some of the highest honors academic faculty can receive. This number has remained stable over time. The campus ranks somewhat below its peers on this measure. The absence of a medical school limits the ability of UMA faculty to be elected to the IOM.

	2007	2008	2009	2010	2011
UMA	9	9	9	9	9
Peer Median	11	10	11	11	11
Rank	7	7	7	7	7

ACCESS AND AFFORDABILITY

Percent (In-State) Pell Grant Recipients

The proportion of in-state students receiving Pell Grants has decreased in the last few years and reverted to FY08 levels. The campus has significantly increased its need-based institutional grant aid to support these students. This rate is competitive with other flagship campuses.

	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011
UMA	23%	24%	25%	24%	23%

Percent Need Met for In-State Students Awarded Need-Based Aid

The campus remains committed to providing need-based aid for in-state undergraduates as it strives to provide a quality and affordable education.

	2007-08	2008-09	2009-10	2010-11	2011-12
UMA	88%	90%	91%	87%	86%

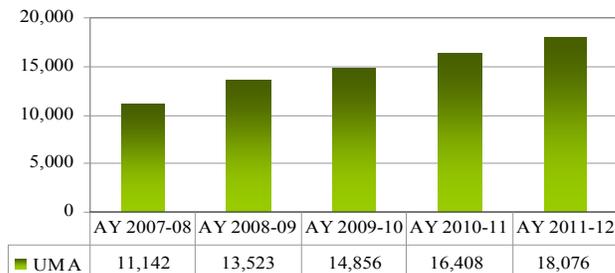
Percent Undergraduates from Massachusetts

The campus is committed to maintaining access to a quality education for residents of the Commonwealth. About four-fifths of UMass Amherst students enrolled in state-supported programs are residents of the state.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Number	15,521	15,953	16,046	16,211	16,090
Percent	80%	81%	80%	79%	78%

Online Course Enrollments

The Amherst campus offers six undergraduate and four graduate degree programs and five certificate programs that can be completed partially or fully online. These programs range from a certificate in Journalism and Criminal Justice Studies to a B.S. in Hospitality and Tourism Management, a Master's of Business Administration and a Doctorate in Nursing Practice. In addition, a variety of other courses are offered. Online course enrollments grew by 10% in the most recent year, and over 62% since AY2007-08.



Annual Growth in Online Course Enrollments

There has been considerable growth in online course enrollment on the Amherst campus in recent years. Enrollments have almost doubled since 2006-07. Online programs afford students flexibility in course-taking.

	AY 2007-08	AY 2008-09	AY 2009-10	AY 2010-11	AY 2011-12
UMA	21%	21%	10%	10%	10%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduates who are Students of Color

The Amherst campus is committed to enrolling a diverse student body. This is evidenced by the growth in the proportion of undergraduates (including CPE) who are students of color. Undergraduates enrolled in the past two years were the most diverse group of students in recent history.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Number	3,470	3,607	3,924	3,943	3,960
Percent	19.2%	20.1%	20.9%	20.9%	21.0%

Percent Undergraduates who are First Generation in College

Although most entering students have parents who are college-educated, many UMass Amherst students will be the first in their families to earn the baccalaureate. About one-fourth of entering first-year students are first generation.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Percent	26%	26%	29%	29%	26%

Percent Undergraduates with English as a Second Language

English is not the first language of about one-tenth of first-year students entering UMass Amherst. This is another indicator of the diversity of the campus.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Percent	7%	9%	9%	10%	10%

Percent Undergraduate Students who are International

The Amherst campus attracts a small number of undergraduate international students, many of whom are studying on the campus as part of an international exchange program. These numbers have increased by over two-thirds since Fall 2008. In contrast, almost one-fourth (1,416) of graduate students are international. The campus is exploring ways to increase the number of international undergraduate students.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Number	251	262	304	378	421
Percent	1%	1%	1%	2%	2%

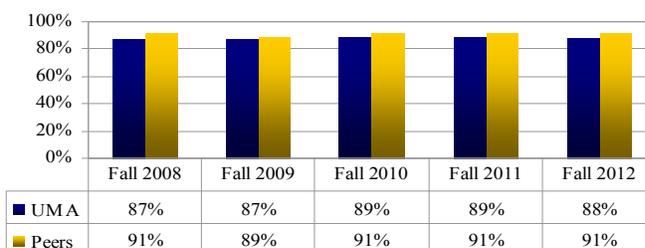
Number Undergraduates who Participated in a Study Abroad Program

About 1,100 UMass undergraduates participated in a study abroad experience during the 2011-12 academic year. The campus encourages students to take advantage of these enriching global learning opportunities.

	Fall 2007- Summer 08	Fall 2008- Summer 09	Fall 2009- Summer 10	Fall 2010- Summer 11	Fall 2011- Summer 12
UMA	1,015	1,031	1,035	1,117	1,074

Freshman One-Year Retention Rate

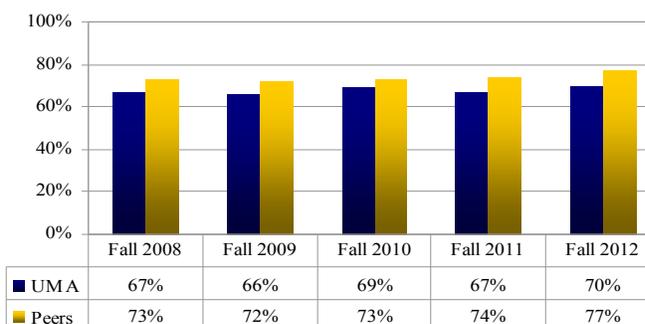
The one-year retention rate has been consistently high, but the relative position of UMass with respect to its peers has not changed. New strategies are being developed and implemented to improve the first-year experience and hence student retention. There were 4,669 entering full-time students in Fall 2011.



	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
UMA Rank	8	8	7	7	7

Freshman Six-Year Graduation Rate

Seventy percent of full-time Amherst campus students graduate within six years of entrance from UMA, and another 11% receive their degree from another institution. This is the first time the rate has exceeded 70% since the campus began tracking graduation rates beginning with the fall 1984 entering cohort (64%). The 2012 rate remains below the peer median; but improvements in the four-year graduation rates suggest that the 6-year rates will continue to improve. Numbers reflect rates for the Fall 2002-Fall 2006 entering cohorts.



	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
UMA Rank	7	11	8	9	8

Transfers (Full-Time) One-Year Retention Rate

The one-year retention rate for transfers has remained steady at 86%. This includes a small number of students who graduate in one year. Transfer students represent approximately one-fifth of the entering fall class.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
UMA	85%	85%	86%	86%	86%

Transfers (Upper Division) Four-Year Graduation Rate

Almost three quarters of upper division transfers who enroll complete the baccalaureate degree within four years of entry. Many have already earned an Associate's degree. This surpasses the freshman six-year graduation rate. Upper Division transfers represent less than half of total transfer students. The rate has remained fairly stable over time. Numbers are reported for the Fall 2004-2008 cohorts.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
UMA	72%	74%	73%	74%	74%

SERVICE TO THE COMMONWEALTH

Percent Alumni Who Live in Massachusetts

Over half of the 193,000 undergraduate students who earned a degree from UMA, and about two-fifths of the 50,000 recipients of the master's and doctorate degrees reside in Massachusetts. This number has been fairly consistent over time.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Undergraduate	55%	55%	56%	56%	54%
Graduate	41%	41%	41%	41%	39%
All	52%	52%	53%	53%	51%

Enrollment in STEM Programs

There are several initiatives on the Amherst campus to promote the enrollment and graduation of students in science, technology, engineering and mathematics (STEM) fields. Another goal is to increase the enrollment and persistence of underrepresented minorities in STEM. There has been an upward trend in the number and percent of undergraduates in STEM programs. Presently, 31% of undergraduate and 30% of graduate students are enrolled in such programs.

Undergraduate

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Total	19,964	20,287	20,791	21,265	21,448
STEM	4,906	5,282	5,680	6,104	6,624
Percent STEM	25%	26%	27%	29%	31%

Graduate

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Total	5,150	5,546	5,677	5,770	5,792
STEM	1,401	1,503	1,601	1,677	1,729
Percent STEM	27%	27%	28%	29%	30%

Grand Total STEM	6,307	6,785	7,281	7,781	8,353
Grand Total Percent STEM	25%	26%	28%	29%	31%

Degrees Awarded in STEM Fields

The upward trend in STEM enrollment has been mirrored in the number of degrees awarded. One-fourth of the 5,500 undergraduate degree recipients and over one-fourth of graduate degree recipients are awarded degrees in STEM fields.

Undergraduate

	2007-08	2008-09	2009-10	2010-11	2011-12
Total Degrees	4,707	4,860	5,090	5,290	5,470
STEM	886	936	1,096	1,150	1,381
Percent STEM	19%	19%	22%	22%	25%

Graduate

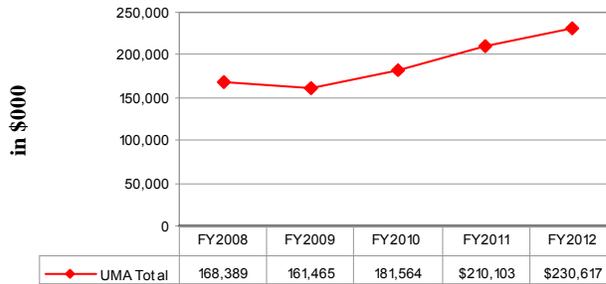
	2007-08	2008-09	2009-10	2010-11	2011-12
Total Degrees	1,561	1,431	1,513	1,661	1,683
STEM	428	355	361	387	452
Percent STEM	27%	25%	24%	23%	27%

Grand Total STEM	1,314	1,291	1,457	1,537	1,833
Grand Total Percent STEM	21%	21%	22%	22%	26%

FINANCIAL HEALTH

Endowment Assets and Annual Growth in Endowment

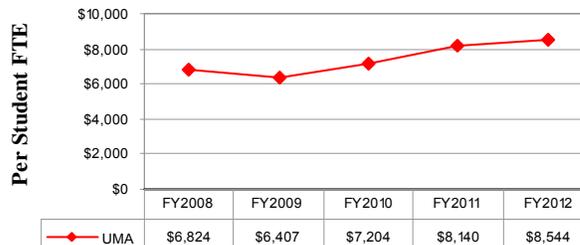
The campus endowment is one of the lowest in the country for a public flagship campus. In FY2012 the endowment increased due to gifts and better investment performance. The campus is in the midst of a \$300M fundraising campaign and expects to see growth in the endowment from increased gifts. In addition, investment earnings should increase as the economy continues to recover.



	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
Annual Change	25%	-4%	12%	16%	10%

Endowment per Annualized Student FTE

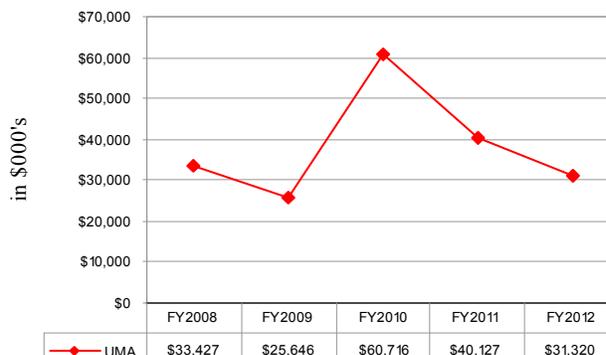
The campus endowment is one of the lowest in the country for a public flagship campus. FY09 saw a sharp decline in the annual growth due to the market downturn. FY2010, FY2011, and FY2012 have improved as the financial markets have improved. Steady growth is projected in endowment earnings due to improved financial markets as well as increased fundraising activities.



	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
Peers	\$14,915	\$11,137	\$10,840	\$12,309	\$14,226

Private Funds Raised Annually

The impact of the “UMass Rising: Campaign for UMass Amherst” is reflected starting in FY2010 punctuated with 8-figure gift commitments both in FY2010 and FY2011. Annual fluctuations can be expected through the course of the campaign when such large non-repeating gifts are received, but the general five year trend is projected to be higher than in previous years. Significant estate commitments are being solicited and received during the campaign period and are not reflected in this report.



Return on Net Assets

Return on net assets for the campus is above the peer average. The ratio will remain solid through FY13 and beyond as a result of an infusion of state funding for capital projects.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMA	8.0%	3.7%	11.8%	8.3%	11.3%
Peers	5.3%	2.1%	5.5%	6.5%	4.3%

Financial Cushion

Financial cushion represents an institution's capacity to sustain itself during difficult financial times. Although lower than its peers, the ratio for the Amherst campus still compares favorably. The financial cushion will decline over the next several years as accumulated unrestricted funds designated for capital improvements are spent on these projects and the net asset converts to Net Investment in Plant.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMA	19.3%	18.9%	25.9%	24.1%	24.8%
Peers	26.8%	25.3%	27.2%	31.2%	31.2%

Debt Service to Operations

The debt service ratio for the campus has grown as the campus continues its investment in infrastructure improvements. This ratio will escalate to 8% over the next five years as the campus invests in new classroom space, science laboratories, as well as a new residence hall.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMA	4.7%	5.9%	5.8%	5.7%	5.5%
Peers	4.8%	6.6%	5.7%	5.8%	6.0%

Deferred Maintenance per GSF

This ratio tracks the progress the campus anticipates making in reducing its deferred maintenance backlog over the next few years. It is based on currently identified projects in the capital plan with \$175 million of spending included in the five year projection for infrastructure improvements.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMA	\$208	\$194	\$149	\$164	\$162

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

High School GPA of Freshmen. Cumulative GPA for college prep courses with additional weight to honor and AP courses, according to BHE admissions policy, reported on all first-year students.

Average SAT Scores of freshmen. Average SAT Scores of freshmen is based on the Arithmetic Mean. 25th & 75th percentile are based on combined SAT scores of all first-year students. Peer data are from IPEDS.

Average GPA of entering transfer students. Cumulative GPA for college-level courses transferred to UMA according to admissions policy.

Student Satisfaction with Educational Experience. Percent of seniors who responded “good” or “excellent” to the question, “How would you evaluate your entire educational experience at this institution?” on the National Survey of Student Engagement administered in Spring 2011.

Doctoral degrees awarded. Number of Doctorates awarded for the academic year 2012, which includes August 2011, January 2012, and May 2012 award dates. These include both Research/Scholarship and Professional Practice Doctorates. Peer comparison data are based on Research/Scholarship doctorates only.

Postdoctoral Appointees. The number of postdoctoral appointees as reported to NSF.

Total R&D Expenditures. R&D expenditures in all academic fields from all sources (federal, state, local governments, industry, private and institutional) as reported to NSF. Peer data reported in The Top American Research Universities. Beginning 2010 data are from NSF. Peer comparison data are based on S&E R&D.

Total Research Expenditures per Tenure System Faculty. R&D expenditures in all academic fields from all sources (federal, state, local governments, industry, private and institutional) as reported to NSF, divided by total tenure system faculty as reported to IPEDS. Peer data reported in The Top American Research Universities. Beginning in 2010 data reported by NSF.

Patent Applications. Number of U.S. Patent applications filed per year. Data Source: Data reported by campuses to UMass President’s Office, Office of CVIP.

License Income. Amount of annual income from license agreements. Data Source: Data reported by campuses to UMass President’s Office, Office of CVIP.

New Tenured/Tenure-track Faculty. The number of new tenured/tenured-track faculty members hired to start their new positions in the academic year.

Change in Tenured/Tenure-track Faculty. The difference in the number of tenured/tenure-track faculty from one fall semester to the next. Includes faculty members who are on paid leave. Does not include individuals whose primary responsibility is administrative. For the 2013 PMS report, the difference will be between the figure for Fall 2012 and Fall 2011.

Change in Faculty FTE. The difference in the total FTE, from one fall semester to the next, for all full-time and part-time instructional faculty teaching state-supported courses. Includes faculty members who are on paid leave. Does not include individuals whose primary responsibility is administrative. For the 2013 PMS report, the difference will be between the figure for Fall 2012 and Fall 2011. Definition of Faculty FTE is per the Common Data Set, and includes all faculty teaching credit courses, including credit courses offered via Continuing Education.

Faculty Awards. Number of faculty with awards from a list of 24 prominent grant and fellowship programs in the arts, humanities, science, engineering and health fields (e.g., Fulbright American Scholars, Guggenheim Fellows, MacArthur Foundation Fellow, National Endowment for the Humanities Fellows, NSF Career Awards, Sloan Research Fellows). Data reported in The Top American Research Universities and were obtained from directories or web based listings.

National Academy Members. Number of faculty with active or emeritus status who have been elected to membership in the National Academy of Sciences, the National Academy of Engineering, or the Institute of Medicine. Data reported in The Top American Research Universities.

ACCESS AND AFFORDABILITY INDICATORS

Percent Pell Grant Recipients (In-State). Federal Pell Grants are awarded to low-income undergraduates based on their expected family contribution. Data as reported by campuses to the UMass President’s Office of in-state students with Pell Grants in the Financial Aid Template.

Percent of Need Met for In-State Students Awarded Need-based Aid. The average percentage of demonstrated financial need that is met by the institution’s award of need-based financial aid to undergraduate students. Data as reported to the UMass President’s Office in the Financial Aid Template.

Percentage Undergraduate from Massachusetts.

Percentage of total undergraduate students who currently reside in Massachusetts based on tuition residency and/or permanent address for continuing education students.

Online Course Registrations. Enrollments or course registrations for the academic year for online credit courses. Academic year includes summer, fall, intersession, and spring. These do not include hybrid courses, but fully online only offered via *UMassOnline*.

Annual Growth in Online Course Registrations.

Percentage rate of growth in enrollments or course registrations for the fiscal year for online credit courses. Fiscal year includes summer, fall, intersession, and spring. These do not include hybrid courses, but fully online only offered via *UMassOnline*.

STUDENT SUCCESS AND SATISFACTION INDICATORS**Percent Undergraduate who are Students of Color.**

Undergraduates who are African American/Black, American Indian/Alaska Native, Asian, Hawaiian/Pacific Islander, More than One Race, or Hispanic/Latino divided by total U.S. citizens and permanent residents who report race/ethnicity. Due to recent changes in IPEDS race and ethnicity classifications, trend data on students of color should be viewed with caution.

Percent Undergraduates who are First Generation in College.

First-generation college students are defined as those students with neither parent having earned the bachelor's degree. Data are from Cooperative Institutional Research Program (CIRP) Freshman Survey.

Percent Undergraduates with English as a Second Language. Percentage of undergraduates whose first language was not English. Data are from Cooperative Institutional Research Program (CIRP) Freshman Survey 2011.

Percent Students who are International. Percentage of all undergraduates who are studying at the university on a student visa. International students include all eligible visa types as long as they are enrolled for a credit course; i.e., international students do not include U.S. citizens, U.S. permanent residents or refugees.

Number Undergraduates who Participated in a Study Abroad Program. Data are numbers of students who participated in a credit bearing study abroad program as reported on the Institute of International Education Open Doors survey for Fall 2011 through Summer 2012.

Freshmen One-Year Retention Rate. Percent of first-time, full-time freshmen who entered in previous fall and were

still enrolled at UMA as of the next fall. Peer data as reported to IPEDS.

Freshmen Six-Year Graduation Rate. Percent of first-time, full-time freshmen who entered in a given fall and had graduated within six years from UMA. Peer data as reported to IPEDS.

Transfer (full-time) One-year Retention Rate. Percent of full-time transfer students at any level who entered in the prior fall and were still enrolled at UMA or graduated as of the next fall.

Transfer (Upper-Division) Four-year Graduation Rate. Percent of full-time upper division transfers (60+ credits) who entered in a given fall and had graduated within four years from UMA.

SERVICE TO THE COMMONWEALTH INDICATORS

Percent of alumni who live in Massachusetts. Percentage of total alumni who currently reside in Massachusetts based on alumni records.

Enrollment in Science, Technology, Engineering, and Mathematics (STEM) Programs. Unduplicated count of students enrolled in STEM programs. STEM programs are those fields of study defined in the National Science & Mathematics Access to Retain Talent (SMART) Grant with the exclusion of foreign languages. Enrollment count includes undergraduate, graduate and certificate students.

Degrees Awarded in STEM Fields. Number of undergraduate and graduate degrees and certificates awarded in STEM fields. STEM fields are those defined in the National Science & Mathematics Access to Retain Talent (SMART) Grant with the exclusion of foreign languages.

MTEL Science & Math Test-Takers. Total number of students who took the Massachusetts Tests for Educator Licensure (MTEL) subject tests in science and math fields.

FINANCIAL HEALTH INDICATORS

Endowment Assets and Annual Growth in Endowment. Annual growth in total UMass Amherst endowment balance.

Endowment per Annualized Student FTE. Total UMass Amherst endowments per annualized FTE student, where FTE of peer institutions is standardized to UMass formula.

Private Funds Raised Annually. Private funds raised includes restricted and unrestricted revenues from individuals, foundations, corporations and other organizations. Includes private grant revenues but not private contract revenues. Totals for each year include

pledges made in that year as well as the value of in-kind contributions.

Return on Net Assets. Increase/decrease in net assets divided by total net assets at beginning of the year. Peer data from published financial statements.

Financial Cushion. Unrestricted net assets as a percentage of total operating expenditures. Peer data are from published financial statements.

Debt Service to Operations. Debt service as a percentage of total operating expenditures. Peer data are from published financial statements.

Deferred Maintenance per GSF. Deferred Maintenance per Gross Square Footage includes deferred and other maintenance dollars needed to maintain the current function of the campus, calculated by the “Sightlines” Return on Physical Assets methodology (ROPA sm) and shown per square foot of space.

PEER INSTITUTIONS FOR UMASS AMHERST

Indiana University-Bloomington

*Iowa State University

*Rutgers University System

Stony Brook University

*University of California-Santa Barbara

*University of Colorado-Boulder

*University of Connecticut Storrs

University of Delaware

*University of Maryland-College Park

University of Oregon

***Financial Peer**

Please Note: Unless otherwise specified, all data are from the Campus Office of Institutional Research.

ACADEMIC QUALITY**Improve Student Learning Experience**

We continue to attract well-qualified freshmen and transfers to our entering classes in greater numbers. We place emphasis on the high school GPA for admissions decisions and have successfully maintained an average GPA over 3.00 for the last five entering classes, rising to 3.15 in Fall 2012. Almost 60% of incoming freshmen had a GPA of 3.00 or greater. The mean SAT score of incoming freshmen is the highest this year than any of the previous five classes. New enrollments of first-time freshmen grew to more than 1,200 in Fall 2012, a 24% increase since Fall 2008.

The quality of our students' academic experiences is augmented by their participation in for-credit internships/co-ops. This academic year, over four thousand students participated in these opportunities, an increase of 5% from the 2008-09 academic year.

Additionally, three professors and two students earned Fulbright Awards to study, teach, and research abroad next academic year.

Strengthen Research and Development

UMass Boston continues to advance as an increasingly sophisticated research university. Between FY 2008 and FY 2012, UMass Boston's R&D expenditures reported to NSF increased from \$38 million to \$60 million. In terms of R&D expenditure per tenure stream faculty, this figure has increased by a third since FY2008 and showed close to \$135,000 per faculty member in FY2011.

This year, UMass Boston took a major step toward becoming a global leader in environmental research, education, and outreach, with the UMass Board of Trustees's approval of a new School for the Environment. UMass Boston will also address the strategic goal of global engagement with the new School for Global Inclusion and Social Development. It will be among the first graduate schools in the world that focus on wellness and economic development from an international perspective.

Renew Faculty

In AY 2012-13 UMass Boston was successful in recruiting 41 tenured or tenure-track faculty; 28% were persons of color, and 51% were female.

Tenure stream faculty increased 5% from Fall 2008 to Fall 2012, a continuation of a steady increase over the previous four years. This is a critical factor in ensuring the continuing success of our increasing number of students.

ACCESS AND AFFORDABILITY

We continue to serve residents of Greater Boston communities and communities throughout the commonwealth, fulfilling our mission of access to diverse populations. Many (88%) of our undergraduate students are from Massachusetts. UMass Boston serves large numbers of minority students, first-generation college students, transfers, and students who speak English as a second language. Our students are also diverse in age and national origin. In keeping with the University's strategic goal of global engagement the number of international students attending as undergraduates has increased by almost 200% from Fall 2008 to Fall 2012 and it is anticipated it will increase further over the next five years. In addition, the number of students participating in Summer Abroad programs has increased over the past five years, with over two hundred participating this year.

The social and economic diversity of our students is illustrated by our Pell grant figures. Over 40% of our full-time undergraduate students from Massachusetts receive Pell grants, which are federal funds targeted toward students in greatest financial need.

UMass Boston's College of Advancing and Professional Studies continues to see an increase in online course registrations, to almost 13,500 in the last fiscal year. Over the past five years, the rate of growth in registrations has remained strong as UMass Boston continues to add new online programs.

STUDENT SUCCESS AND SATISFACTION**Diversity and Positive Climate**

UMass Boston serves a vital function in the region as the only public research university in Boston. The campus is well known for the diversity of its student population, which exceeds the population diversity of the region. With almost 5,000 undergraduates of color, UMass Boston is the most diverse public four year research university of all New England schools. In Fall 2012, 48% of our undergraduate students were US students of color. The diversity of our student population has continued to increase along with steady increases in admissions standards and substantial increases in enrollment.

Freshmen retention rates have continued to improve over the past five years, reaching 79% for those students who entered in Fall 2011. The retention rate of entering transfer students has increased from 75% for those entering in Fall 2007 to 80% for those entering in Fall 2011.

A number of new initiatives have been focused on student success: the Honors program, the CSM Freshmen Success

program, the CLA First! Program, the CM LEAD program, the Student Support Services program, and Success Boston (for Boston Public School students). All of these programs contribute to increasing retention rates.

We also note the reopening of the Clark Center Gymnasium after renovations. The improvements enhanced the facility for student athletes and spectators as well as other campus groups that use this space.

SERVICE TO THE COMMONWEALTH

Over three quarters of our alumni reside in Massachusetts, where they contribute to the economy and civic life of the Commonwealth.

UMass Boston devotes a high proportion of research and public service activities to the cultural, social, and economic development of the Commonwealth and global community. In addition to applied research, which addresses policy needs of the Boston area and the state, the campus is heavily engaged in a wide range of outreach activities, including our partnerships with the Dorchester Education Complex, the Dana Farber Harvard Cancer Consortium, and Children's Hospital. We are recognized by the Carnegie Foundation for our outreach and partnerships and for curricular community engagement.

Among the many examples of UMass Boston's outreach and partnerships are projects to improve the lives of Bostonians. During this academic year, UMass Boston, the City of Boston, and Teen Empowerment, a Roxbury-based nonprofit that works to reduce violence among high-risk youth, announced plans to collaborate on a new Youth and Community Transformation Project. In another project, undergraduate students in the University of Massachusetts Boston's College of Management have developed ideas for promoting the arts and bringing businesses to the Upham's Corner neighborhood in Dorchester.

Enrollments continue to grow steadily in Science, Technology, Engineering, and Mathematics (STEM) as overall enrollments also rise, with almost 2,800 students in these disciplines in Fall 2012. This is an increase of 49% from Fall 2008 to Fall 2012. The number of STEM degrees and certificates awarded has increased almost 62% from academic year 2007-08 to academic year 2011-12.

The Integrated Science Building will further strengthen this focus of the University. The building opening is planned for 2014.

FINANCIAL HEALTH

Endowment assets totaled \$51.9 million in FY2012, an increase of 9% over the prior year. Endowment per annualized student FTE grew from \$3,193 in FY 2008 to \$4,202 in FY12, an increase of over 32%, in spite of the significant increase in students over the time period. Total

private funds raised decreased slightly from FY2011 (\$11.6 million) to FY2012 (\$11.4 million).

UMass Boston's financial performance remains positive, reflecting the impact of rising enrollment and related fee revenue, increased research activity, and prudent management of its resources. In FY2012, the reduction in state funding was somewhat offset by receiving tuition from out-of-state students. UMass Boston continued to exhibit positive operating results in FY2012, recording its fifth consecutive positive operating margin (5%), and a cushion ratio (28.2%) greater than that of our peers (21.2%); the return on net assets in FY2012 was a respectable 8.2%; the relatively low debt service ratio of 5.0%. The debt service ratio has remained in a relatively tight range over the last five fiscal years. Borrowing has increased slowly and interest rates have remained low. With the Master Plan being implemented debt will rise significantly over the next few years.

Construction on General Academic Building Number 1 began in February as part of the UMass Boston 25 year Master Plan. The roadway and utilities project will begin this summer.

2013 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average High School GPA of Freshmen	3.15
• Average SAT Scores of Freshmen	
Arithmetic Mean	1072
25 th - 75 th Percentile	980 - 1160
• Average GPA of Entering Transfers	3.11
• Student Assessment of Overall Educational Experience as Good or Excellent	83%
• Number of Students Enrolled in for-credit Internships	4,255
• Number of Doctoral Degrees Awarded	45
• Postdoctoral Appointees	15
• Total R&D Expenditures	\$60.1M
• Total R&D Expenditures/Tenure-track Faculty	\$134,421
• Sponsored Instruction & Outreach/Faculty	\$51,892
• Patent Applications	1
• License Income	\$2,474
• New Tenured/Tenure-Track Faculty Hired	41
• Change in Tenured/Tenure-Track Faculty	5%
• Change in Faculty FTE	8%
• Faculty Awards	NA
• National Academy Members	NA

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	43%
• % of Need Met for In-State Students Awarded Need-Based Aid	89%
• % Undergraduate Students from Massachusetts	88%
• Online Course Registrations	13,493
Annual Growth in Online Course Registrations	16%

STUDENT SUCCESS AND SATISFACTION

• % Undergraduate Students of Color	48%
• % First-Generation College Students	49%
• % Undergraduates who Speak English as a Second Language (2011)	43%
• % International Undergraduates	7.8%
• Number Undergraduates who Participate in a Study Abroad Program	203
• Freshmen One-Year Retention Rate	79%
• Freshmen Six-Year Graduation Rate	38%
• Transfer (Full-time) One-Year Retention Rate	80%
• Transfer (Upper Division) Four-Year Graduation Rate	70%

SERVICE TO THE COMMONWEALTH

• % Alumni who Live in Massachusetts	75%
• Enrollment in STEM Programs	2,785 (19%)
Undergraduate	2,531 (22%)
Graduate	254 (8%)
• Degrees Awarded in STEM Fields	338 (11%)
Undergraduate	272 (13%)
Graduate	66 (6%)
• MTEL Science and Math Test-takers	163

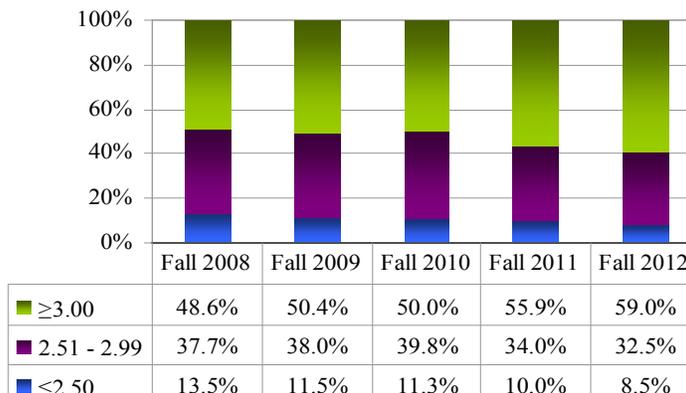
FINANCIAL HEALTH

• Total Endowment	\$51.91M
• Annual Growth in Endowment	9%
• Endowment per Student	\$4,202
• Private Funds Raised Annually	\$11.4M
• Return on Net Assets	8.2%
• Financial Cushion	28.2%
• Debt Service to Operations	5.0%
• Deferred Maintenance per GSF	\$190.67

ACADEMIC QUALITY

High School GPA of Freshmen

The number of entering freshmen has increased 24% from Fall 2008 to Fall 2012 while the average GPA of entering first-time freshmen at UMass Boston remained above 3.0 and reached 3.15 in Fall 2012. In Fall 2012, just under 60% of entering freshmen had GPAs of 3.0 or higher. Admissions decisions focus on GPA scores as they are more closely linked to success in college than SAT scores.



	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Average</i>	3.02	3.03	3.02	3.09	3.15

Average SAT Scores of Freshmen

The average SAT scores of entering freshmen have remained stable since the 2006 changes in the SAT exams. As noted above, the number of entering freshmen has steadily increased.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Peers Fall 2012
<i>75th Percentile</i>	1130	1130	1125	1120	1160	1240
<i>25th Percentile</i>	960	960	960	950	980	984
<i>Average</i>	1045	1050	1035	1043	1072	1112

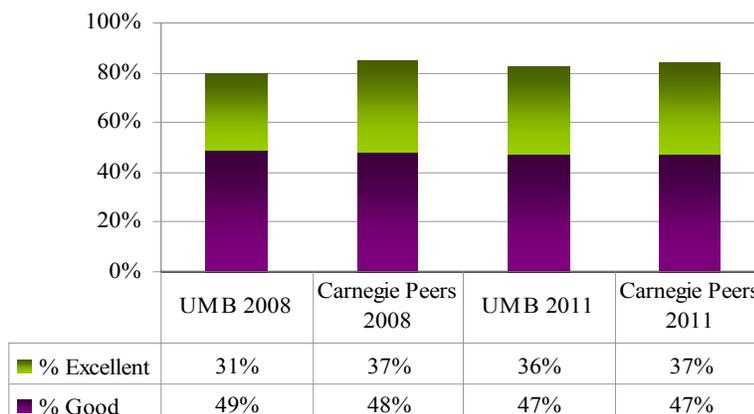
Average GPA of Entering Transfer Students

Just over half of all new students entering in the Fall are transfer students. The average GPA of these students has risen by .07 points from 3.04 to 3.11 over the last five years. There are no comparable peer data for this indicator.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>UMB</i>	3.04	3.03	3.08	3.13	3.11

Student Satisfaction With Educational Experience

Eighty-three percent of seniors responding to the National Survey of Student Engagement (NSSE) in 2011 rated their overall experience at UMass Boston as "good" or "excellent." The percent rating their experience as "excellent" rose from 31% to 36%, which is almost identical to our peers.



Number of Students Enrolled in For-Credit Internships/Co-ops

The number of undergraduate and graduate students participating in for-credit internships or co-ops has increased 4.4% from 2008-09 to 2012-13.

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>UMB</i>	4,074	3,849	3,848	4,173	4,255

Doctoral Degrees Awarded

UMass Boston has awarded over 170 doctoral degrees in the last four years, averaging 45 a year.

<i>UMB Doctoral Degrees Awarded</i>	2008-09	2009-10	2010-11	2011-12
<i>Research/Scholarship Doctorates</i>	41	49	42	40
<i>Professional Practice Doctorates</i>	0	0	2	5
<i>Total Doctoral Degrees Awarded</i>	41	49	44	45

<i>Research/Scholarship Doctorates</i>	2008-09	2009-10	2010-2011	2011-2012
<i>UMB</i>	41	49	42	40
<i>Peer Average</i>	118	120	124	130

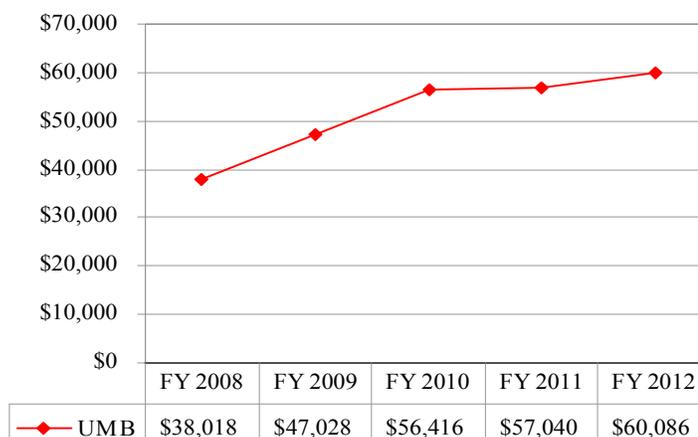
Postdoctoral Appointees

UMass Boston almost doubled the number of postdoctoral appointees on campus from Fall 2008 to Fall 2011.

	2008-09	2009-10	2010-11	2011-12
<i>UMB</i>	8	6	9	15

Total Research and Development (R&D) Expenditures

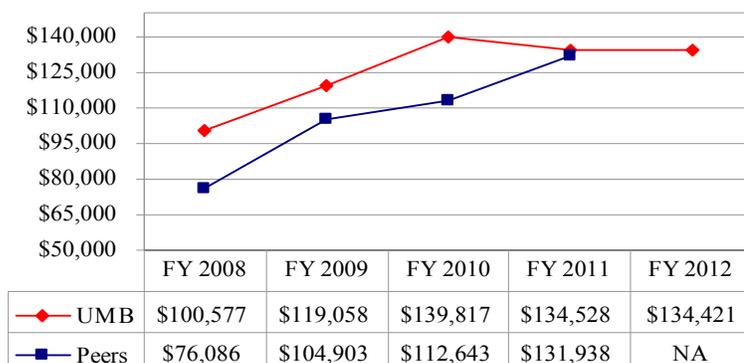
Between FY 2008 and FY 2012, UMass Boston's R&D Expenditures reported to NSF increased 58% to \$60 million.



Total R&D Expenditures per Tenured System Faculty

The strategic plan implementation continues to support increased R&D. R&D Expenditures per UMass Boston tenured/tenure-track faculty member grew by 34% since FY2008. However, the near term future prospects are uncertain as the federal sequester plays out.

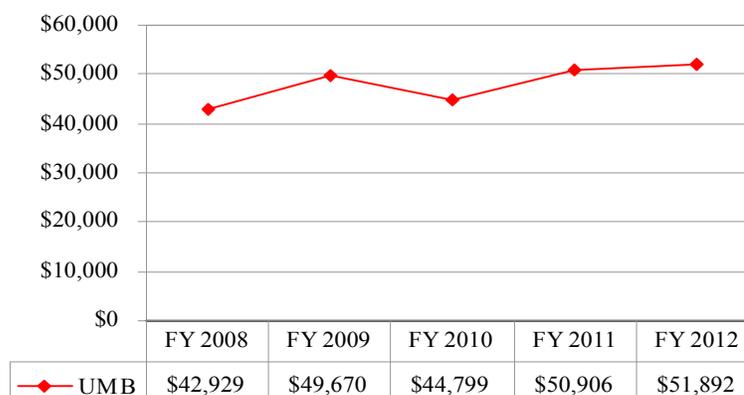
In calculating peer data, we excluded the University of Illinois at Chicago and the University of Louisville which have medical schools. The FY 2010 NSF survey content changed significantly from prior years and is not strictly comparable to previous years' data.



Sponsored Instruction & Outreach per Faculty

Total Sponsored Instruction & Outreach Dollars per faculty member increased 21% between Fall 2008 and Fall 2012, compounded annual growth rate of over 4.5% per yr.

The federal sequester could impact this trend next year.



Patent Applications

The number of patent applications is linked to the type of faculty research activity and to the institutional support (including financial support and investments in human capital) of the effort to identify, develop and connect the innovations that are disclosed to UMB's CVIP. With the completion of the ISC in 2014, it is anticipated that growth will occur in translational research that is of interest to industry and in the activities that enable the licensing of inventions that come from translational research.

	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
<i>UMB</i>	1	0	1	1	1

License Income

Since 2007, the UMB CVIP director has worked to educate the UMass community on the process of innovation and on the disclosure and patenting processes. While the number of patent applications has remained steady over the years, the number of invention disclosures has increased significantly on the UMB campus, from one per year to five per fiscal year. Licenses and licensing income are related to the number of invention disclosures. The CVIP office is housed at the Venture Development Center (VDC) and from there carries out its work to connect the university's projects that have generated invention disclosures and patents to industry partners located both inside and outside of the VDC.

	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
<i>UMB</i>	\$781	\$545	\$1,331	\$2,445	\$2,474

New Tenured/Tenure-Track Faculty Hired

In keeping with strategic planning goals, UMass Boston was successful in recruiting 41 tenured or tenure-track faculty in AY 2012-13; 28% were persons of color, and 51% were female.

	<i>AY 2008-09</i>	<i>AY 2009-10</i>	<i>AY 2010-11</i>	<i>AY 2011-12</i>	<i>AY 2012-13</i>
<i>UMB</i>	34	36	30	27	41

Change in Tenured/Tenure-Track Faculty

New and replacement faculty hiring and the retention of faculty resulted in an increase in tenure-stream faculty of 5% from Fall 2011 to Fall 2012.

	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>1-year Change</i>
	379	397	404	424	447	5%

Change in Faculty FTE

As enrollment continues to increase, the faculty FTE also increases.

	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>1-year Change</i>
	659	711	743	790	851	8%

Faculty Awards

"The Top American Research Universities" shows no Faculty Awards for UMass Boston in the most recent publication which reflects 2010 data.

	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>
<i>UMB</i>	0	0	0	0	NA

National Academy Members

2010 is the most recent year for which data are available through the Center for Measuring University Performance.

	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>
<i>UMB</i>	2	3	1	1	NA

ACCESS AND AFFORDABILITY

Percent In-State Pell Grant Recipients

Over 40% of our in-state undergraduate applicants for financial aid are eligible for Pell Grants. Pell Grants are available only to those students with the lowest family incomes. The number of Pell-eligible students is an indicator of the economic diversity of the student population.

	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011
UMB	32%	32%	35%	41%	44%

Percent Need Met for In-State Students Awarded Need-Based Aid

The university has a goal of meeting 90% of the demonstrated financial need of all financial aid applicants using federal, state, institutional, and private funds.

	2007-08	2008-09	2009-10	2010-11	2011-12
UMB	94%	95%	93%	93%	90%

Percent Undergraduate Students from Massachusetts

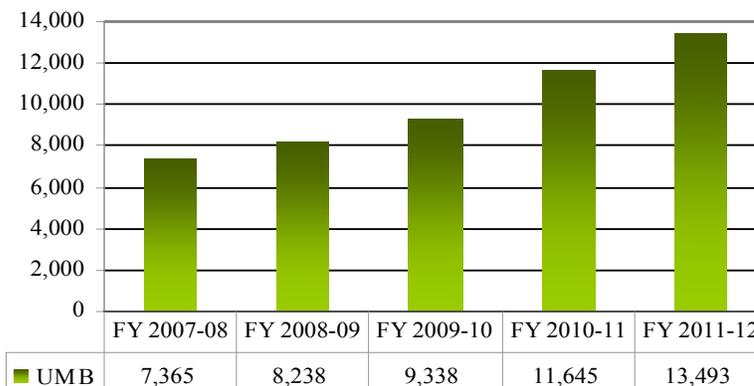
UMass Boston serves primarily undergraduate students from Massachusetts. We also attract international and out-of-state students. In Fall 2012, 12% of our undergraduate students were international or out-of-state students.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Number	8,596	9,123	9,380	9,467	9,497
Percent	92%	92%	92%	89%	88%

Online Course Registrations

Annual online class registrations have grown rapidly from FY 2008 to FY 2012 from 7,365 to 13,493, an increase of 83%.

Fiscal Year (FY) course registrations credit courses includes Summer, Fall, Winter and Spring semesters.



Annual Growth in Online Course Registrations

Rates of growth in online registrations have varied from year to year, but remain strong.

	FY 2007-08	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12
Annual Rate of Growth	31%	12%	13%	25%	16%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduate Students of Color

The proportion of students of color has increased at UMass Boston during a period of steady enrollment growth.

UMass Boston continues to be the most diverse public four-year university in New England. We have just under 5,000 undergraduate students of color.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Number</i>	3,880	4,157	4,256	4,733	4,873
<i>Percent</i>	44%	45%	44%	47%	48%

Percent First Time, Full Time Undergraduates who are First-Generation College Students

Question: <i>Did either of your parents receive a Bachelor's degree?</i>	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
NSSE: % reporting that neither of their parents had received a Bachelor's degree.	59%	NA	NA	57%	NA
CIRP/BCSSE*: % reporting neither of their parents had received a Bachelor's degree.	48%	NA	52%	56%	49%

*Please note that starting in Fall 2010 BCSSE replaced CIRP

Percent Undergraduates who Speak English as a Second Language

UMass Boston enrolls significant numbers of students for whom English is a second language, another dimension of the diversity of our students.	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>First Time, F-T Freshmen CIRP: Is English your native language? % responding 'No'.</i>	22%	NA	NA	NA	NA
<i>Do you usually speak a language other than English at home or with family? NSSE: Combined Freshmen and Seniors</i>	40%	NA	NA	43%	NA

Percent International Undergraduates

The number of international students attending as undergraduates has increased by almost 200% from Fall 2008 to Fall 2012. This number will continue to increase as UMB pursues its strategic goal of global engagement.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Number</i>	323	360	471	678	950
<i>Percent</i>	3.1%	3.3%	4.0%	5.7%	7.8%

Number Undergraduates who Participate in a Study Abroad Program

Study Abroad figures are reported to the Institute of International Education's Annual Survey. The number of students taking advantage of our Summer Abroad programs has increased 95% between academic year 2008 and academic year 2012. Increasing the number of students who study abroad is another goal of the strategic plan.

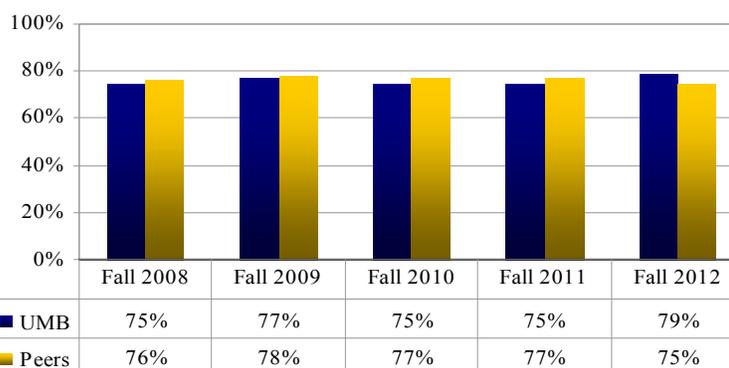
	<i>Fall 2007- Summer 08</i>	<i>Fall 2008- Summer 09</i>	<i>Fall 2009- Summer 10</i>	<i>Fall 2010- Summer 11</i>	<i>Fall 2011- Summer 12</i>
<i>Number</i>	104	114	138	138	203

Freshmen One-Year Retention Rate

The one-year retention rate for freshmen increased by 4 percentage points from the Fall 2008 cohort to the Fall 2012. The Fall 2012 one-year retention rate was the highest rate in the past five years.

Our retention rate has remained on par with our peers for the last three years. All of our peer institutions have on campus housing.

The Peer Average for Fall 2012 does not include University of Maryland-Baltimore County because the data is unavailable.

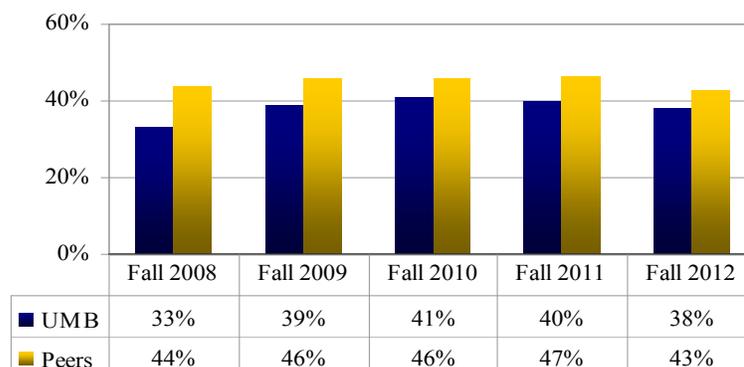


Freshmen Six-Year Graduation Rate

The six year graduation rate reported for freshmen entering in Fall 2006 was 38%, three percentage points lower than Fall 2010's high of 41%.

Ongoing efforts to improve retention will also positively impact graduation rates over time. Graduation rates, of necessity, reflect cohort histories and not the future. Increasing graduation rates is a major focus of the strategic plan.

The Peer Average for Fall 2012 does not include University of Maryland-Baltimore County because the data is unavailable.



Transfer (Full-Time) One-Year Retention Rate

The one-year retention rate of all entering full-time transfer students was 80% for the cohort entering in Fall 2011.

	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>
<i>UMB</i>	77%	83%	78%	78%	80%

Transfer (Upper Division) Four-Year Graduation Rate

The four-year transfer graduation rate was 70% for those who entered in Fall 2008 and graduated by Fall 2012. There are no peer comparisons available for this indicator as these statistics are not collected nationally.

	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>
<i>UMB</i>	63%	64%	66%	66%	70%

SERVICE TO THE COMMONWEALTH

Percent Alumni Who Live in Massachusetts

Three quarters of the alumni of UMass Boston stay, work, and pay taxes in Massachusetts.

	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>
<i>Undergraduate</i>	76%	76%	76%	79%	76%
<i>Graduate</i>	74%	73%	72%	73%	71%
<i>All</i>	76%	75%	75%	75%	75%

Enrollment in STEM Programs

There are 23 Science, Technology, Engineering and Mathematics (STEM) undergraduate programs located within the College of Science and Mathematics and two STEM undergraduate programs in the College of Management

Enrollments continue to increase steadily in STEM programs as overall enrollments also rise. The number of total STEM students (undergraduate and graduate) has increased 49% from Fall 2008 to Fall 2012.

Undergraduate

	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>
<i>Total Degree-seeking Enrollment</i>	9,564	10,130	10,745	11,065	11,386
<i>STEM</i>	1,622	1,847	2,122	2,241	2,531
<i>Percent STEM</i>	17%	18%	20%	20%	22%

Graduate

	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>
<i>Total Degree-seeking Enrollment</i>	3,101	3,253	3,323	3,325	3,089
<i>STEM</i>	250	262	245	250	254
<i>Percent STEM</i>	8%	8%	7%	8%	8%

<i>Grand Total STEM</i>	1,872	2,109	2,367	2,491	2,785
<i>Grand Total Percent STEM</i>	15%	16%	17%	17%	19%

STEM Awards

The number of STEM degrees awarded (undergraduate and graduate) has increased substantially over the past five years. The total has increased almost 62% from 209 in Academic Year 2007-08 to 338 in 2011-12.

We anticipate further increases as more students enroll in science disciplines and as the Integrated Science Building comes online, starting in Fall 2014.

Undergraduate

	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-2012</i>
<i>Total Degrees</i>	1,556	1,651	1,795	1,987	2,109
<i>STEM</i>	160	185	202	212	272
<i>Percent STEM</i>	10%	11%	11%	11%	13%

Graduate

	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-2012</i>
<i>Total Degrees</i>	974	1,131	1,217	1,188	1,033
<i>STEM</i>	49	50	62	49	66
<i>Percent STEM</i>	5%	4%	5%	4%	6%

<i>Grand Total STEM</i>	209	235	264	261	338
<i>Grand Total Percent STEM</i>	8%	8%	9%	8%	11%

FINANCIAL HEALTH

Endowment Assets and Annual Growth in Endowment

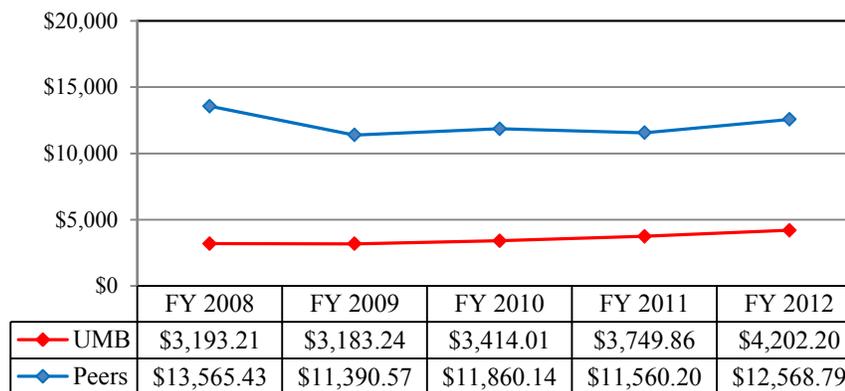
Endowment assets have continued to grow, increasing from \$35.5 million in FY 2008 to \$51.9 million in FY2012. This represents a 46% increase in endowment assets.



	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
Annual Change	21%	7%	12%	13%	9%

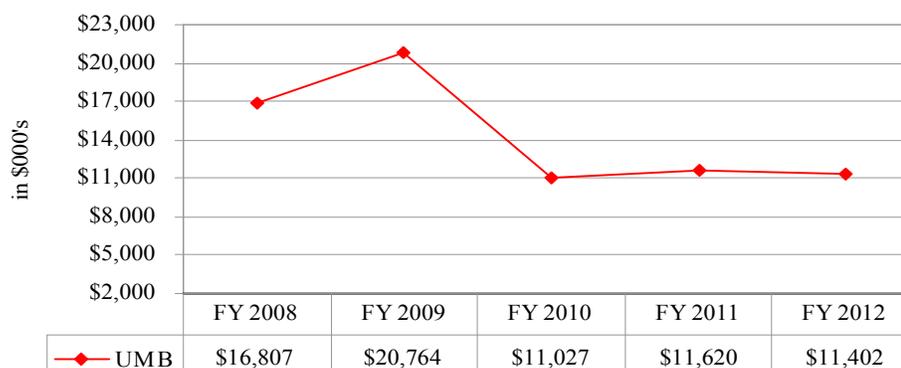
Endowment per Annualized Student FTE

The endowment per Annual FTE student count has increased steadily, as the endowment funds and the enrollments have risen. One of our peers, the University of Louisville, has a substantial endowment that drives up the Peer Average.



Private Funds Raised Annually

Private funds raised annually decreased slightly from FY2011 to FY2012 and have not yet returned to the FY2009 level.



Return on Net Assets

In FY 2012, the reduction in state funding was somewhat offset by retaining tuition from out-of-state students.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMB	8.30%	3.71%	27.20%	11.20%	8.20%
Peer Average	4.20%	4.20%	2.20%	-1.10%	3.40%

Financial Cushion

In FY 2012, unrestricted and restricted-but-expendable net assets increased significantly for the fifth straight year due to continued profitability.

	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
<i>UMB</i>	13.00%	19.51%	27.80%	31.60%	28.20%
<i>Peer Average</i>	13.20%	14.20%	8.20%	9.90%	21.20%

Debt Service to Operations

The debt service ratio has remained in a relatively tight range over the last five fiscal years. Borrowing has increased slowly and interest rates have remained low. With the Master Plan being implemented debt will rise significantly over the next few years.

	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
<i>UMB</i>	4.90%	5.39%	4.80%	4.60%	5.00%
<i>Peer Average</i>	3.70%	3.60%	7.50%	7.60%	6.30%

Deferred Maintenance per GSF

Deferred Maintenance includes deferred and other maintenance dollars needed to maintain the current function of the campus, calculated by the "Sightlines" Return on Physical Assets methodology (ROPA sm) and shown per square foot of space.

	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
<i>UMB</i>	\$175.02	\$180.55	\$177.17	\$186.01	\$190.67

FY 2012 figure is the anticipated deferred maintenance per GSF.

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

High School GPA of Freshmen. Cumulative GPA for college prep courses with additional weight to honor and AP courses, according to BHE admissions policy, reported on all first-year students.

SAT Scores of Freshmen. Average SAT Scores of freshmen is based on the Arithmetic Mean. 25th and 75th percentiles are based on combined SAT scores of all first-year students. Peer data are from Integrated Postsecondary Education Data System.

Average GPA of Entering Transfer Students. Cumulative GPA for college level courses transferred to UMB according to admissions policy.

Student Satisfaction with Educational Experience
Percent of seniors who responded “good” or “excellent” to the question, “How would you evaluate your entire educational experience at this institution?” on the National Survey of Student Engagement administered in Spring 2008. Peer data are from NSSE.

Number of Students Enrolled in For-Credit Internships/Co-Ops. Data are from the Office of the Registrar and the University Advising Center.

Doctoral degrees awarded. Number of Doctorates awarded for the academic year 2012, which includes August 2011, January 2012, and May 2012 award dates. These include both Research/Scholarship and Professional Practice Doctorates. Peer comparison data are based on Research/Scholarship doctorates only.

Postdoctoral Appointees. The number of postdoctoral appointees as reported to NSF.

Total R&D Expenditures. R&D expenditures in all academic fields, from all sources (federal, state, local governments, industry, private and institutional) as reported to NSF. Note: NSF data collection methods changed significantly in FY2010.

Total R&D Expenditures per Tenure System Faculty. R&D expenditures in all academic fields, from all sources (federal, state, local governments, industry, private and institutional) as reported to NSF, divided by total tenure system faculty as reported to IPEDS. Peer data are from NSF/IPEDS.

Sponsored Instruction & Outreach per Faculty. Restricted expenditures for instruction (e.g., training grants) and service per financial statements, divided by total tenure system faculty as reported to IPEDS.

Patent Applications. Number of U.S. Patent applications filed per year. Data Source: Data reported by campuses to UMass President’s Office, Office of CVIP.

License Income. Amount of annual income from license agreements. Data Source: Data reported by campuses to UMass President’s Office, Office of CVIP.

New tenured/tenure-track faculty hired. The number of new tenured/tenured-track faculty members hired to start their new positions in the academic year. Such hires includes both replacement and ‘new’ positions.

Change in number of tenured/tenure-track faculty. The difference in the number of tenured/tenure-track faculty from one fall semester to the next. Include faculty members who are on paid leave. Does not include individuals whose primary responsibility is administrative. For the 2013 PMS report, the difference will be between the figure for Fall 2011 and Fall 2012.

Change in Faculty Full Time Equivalent (FTE). The difference in the total FTE, from one fall semester to the next, for all full-time and part-time instructional faculty teaching state-supported courses. Includes faculty members who are on paid leave. Does not include individuals whose primary responsibility is administrative. Definition of Faculty FTE is per the Common Data Set, and includes all faculty teaching credit courses, including credit courses offered via Continuing Education.

Faculty Awards. Number of faculty with awards from a list of 24 prominent grant and fellowship programs in the arts, humanities, science, engineering, and health fields (e.g., Fulbright American Scholars, Guggenheim Fellows, MacArthur Foundation Fellow, National Endowment for the Humanities Fellows, NSF Career Awards, Sloan Research Fellows). Data reported in *The Top American Research Universities*.

National Academy Members.
Data reported in *The Top American Research Universities*.

ACCESS AND AFFORDABILITY INDICATORS

Percent Pell Grant recipients. Federal Pell Grants are awarded to low-income undergraduates based on their expected family contribution. Data as reported by campuses to the UMass President’s Office in the Financial Aid Template.

Percent of Need Met of In-State Students Awarded Need-Based Aid. The average percentage of demonstrated financial need that is met by the institution’s award of need-

based financial aid to in-state undergraduate students. Data as to the UMass President's Office in the Financial Aid Template.

Percent of Undergraduate Students who live in Massachusetts. Percentage of total undergraduate students who currently reside in Massachusetts based on tuition residency and/or permanent address for continuing education students.

Online Course Registrations. Enrollments or course registrations for the academic year for online credit courses. Academic year includes summer, fall, intersession, and spring. These do not include hybrid course, but fully online only offered via *UMassOnline*.

Annual Growth in Online Course Registrations. Percentage rate of growth in Enrollments or course registrations for the fiscal year for online credit courses. Fiscal year includes summer, fall, intersession, and spring. These do not include hybrid courses, but fully online only offered via *UMassOnline*.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percent Undergraduates who are Students of Color. Undergraduates who are Cape Verdean, African-American/Black, Hispanic/Latino, Asian, Native American, and/or 2 or more races divided by total undergraduate U.S. citizens and permanent residents who report race. Fall 2011 marked a change in federal reporting rules for race and ethnicity. Due to these recent changes in IPEDS race and ethnicity classifications, trend data on students of color should be viewed with caution.

Percent First Time, Full Time First Generation College Students. First-generation college students are defined as those students with neither parent having attended college. Beginning in Fall 2011 data are from the Beginning College Survey of Student Engagement (BCSSE). Previous years' data are from Cooperative Institutional Research Program (CIRP) Freshmen Survey.

Percent of undergraduates who speak English as a Second Language. Percentage of undergraduates whose first language was not English. Starting in Fall 2011 data are from the BCSSE and National Survey of Student Engagement (NSSE) combined Freshmen & Seniors. Previous years' data are from CIRP Freshmen Surveys and NSSE combined Freshmen & Seniors.

Percent of Undergraduates who are international. Percentage of all undergraduates who are studying at the university on student visas.

Number of undergraduates who participated in a study abroad program. Data are numbers of students who participated in a credit bearing study abroad program as

reported on the Institute of International Education Open Doors survey for Fall 2011 through Summer 2012.

Freshmen One-year Retention rate. Percent of first-time, full-time freshmen who entered in previous fall and were still enrolled as of the next fall. Peer data are as reported to IPEDS.

Freshmen Six-year Graduation rate. Percent of first-time, full-time freshmen who entered in a given fall and had graduated within six years. Peer data as reported to IPEDS.

Transfer (Full-time) one-year retention rate. Percent of full-time transfer students at any level who entered in the prior fall and were still enrolled or graduated as of the next fall.

Transfer (Upper-Division) four-year graduation rate. Percent of full-time upper division transfers (60+ credits) who entered in a given fall and had graduated within four years.

SERVICE TO THE COMMONWEALTH INDICATORS

Percent of alumni who live in Massachusetts. Percentage of total alumni who currently reside in Massachusetts based on alumni records.

STEM Enrollment. Total number of students enrolled in STEM programs. STEM programs are those fields of study defined in the National Science & Mathematics Access to Retain Talent (SMART) Grant with the exclusion of foreign languages. Enrollment count includes undergraduate, graduate, and certificate students.

STEM Awards. Number of undergraduate and graduate degrees and certificates awarded in STEM fields. STEM fields are those defined in the National Science & Mathematics Access to Retain Talent (SMART) Grant with the exclusion of foreign languages.

FINANCIAL HEALTH INDICATORS

Endowment assets and annual growth in endowment. Total Endowment and Annual growth in total UMass Boston endowment assets.

Endowment per Full Time Equivalent (FTE) student. Total UMass Boston endowments per annualized FTE student.

Private funds raised annually. Private funds raised includes restricted and unrestricted revenues from individuals, foundations, corporations and other organizations. Includes private grant revenues but not

private contract revenues. Totals for each year include pledges made in that year as well as the value of in-kind contributions.

Return on net assets. Increase/decrease in net assets divided by total net assets at beginning of the year. Peer data from published financial statements.

Financial cushion. Unrestricted net assets as a percentage of total operating expenditures. Peer data are from published financial statements.

Debt service to operations. Debt service as a percentage of total operating expenditures. Peer data are from published financial statements.

Deferred maintenance per GSF. Deferred Maintenance includes deferred and other maintenance dollars needed to maintain the current function of the campus, calculated by the "Sightlines" Return on Physical Assets methodology (ROPA sm) and shown per square foot of space.

PEER INSTITUTIONS FOR UMASS BOSTON

Cleveland State University
 University of Memphis
 University of Illinois at Chicago
 University of Louisville
 University of Nevada-Reno
 University of Missouri-Kansas City
 University of Maryland Baltimore County
 University of Massachusetts Lowell

Please Note: Unless otherwise specified, all data are coordinated by the Campus Office of Institutional Research.

HEADLINES FROM THE 2013 ANNUAL INDICATORS

ACADEMIC QUALITY

UMass Dartmouth continues to maintain the quality of its academic programs. Notably, US News cited the College of Engineering as being 35th among 194 similar undergraduate programs. Further indicators show continuing progress but also some leveling in areas of recent strong growth. The campus has reached or exceeds the level of its peer institutions on many indicators. The indicators highlighted below are indicative of the campus's successes in the past few years. Also highlighted are areas of change. As UMass Dartmouth reaches towards the Doctoral Carnegie level, we acknowledge our achievements and look forward to new developments.

ADMISSIONS AND ACCESS

UMass Dartmouth continues to realize our mission to serve the region and the Commonwealth by giving a wider range of capable students access to a high-quality education. High School GPA is the best predictor of success in college studies. The GPA quality levels have been rising with 65% of the incoming class having a high school GPA of 3.00 or better. The SAT average score improved to 1056. These statistics include the 137 students who have entered by our long-standing and highly successful alternative access program, College Now. Our undergraduate indicators for Pell grants, percent of need met (88%), percent students of color (25%), percent from Massachusetts (94%), and percent who are first generation college-going (43%), indicate our on-going and in some aspects increasing commitment to access and opportunity. Additionally, the enrollment of international students has increased as the University continues to globalize its curriculum and student body. UMass Dartmouth is succeeding in its goal of maintaining a strong student quality profile while also fostering access and diversity.

RESEARCH AND ENGAGEMENT

UMass Dartmouth continued to strengthen its faculty in critical areas for growth of its research and engagement mission. A cluster hire in Computational Science was completed in support of our newly established Center for Scientific Computing and Visualization. New nursing faculty are being brought on to strengthen our two doctoral programs in nursing and thereby increase our support for the regional health care industry. Numerous faculty are being hired with expertise in online education to bolster our rapid increases in online course delivery. This winter, our first new laboratories opened as part of a \$12M renovation project on the main campus to support interdisciplinary research, particularly in the areas of bioengineering and biomanufacturing that will provide

synergy with the Massachusetts Accelerator for Bio-manufacturing that is schedule to open in Fall 2013; and we are about to complete a restructuring of our teacher preparation programs to better serve and engage with our K-12 partners in the region.

STUDENT SUCCESS AND SATISFACTION

The one-year retention rate has improved from 70% in 2010 to 74% in 2012. We have developed an assertive program of interventions. The indicators for transfer student retention at 80% and slightly improved graduation rates fill in the picture that is left incomplete by the standard measure for freshman success. NSSE information is now 3 years old; however, the results from the AY11-12 Exit Survey indicate that 90% of the graduating seniors were Very Satisfied/Satisfied with their academic instructions, but less satisfied with the educational facilities. This past spring, focus groups of freshmen and seniors were conducted to further explore these findings.

DEGREES GRANTED

In 2012, UMass Dartmouth graduated 1,690 students. Because 75% of our graduates remain in Massachusetts, the degrees we grant make a direct, important contribution to the Commonwealth. The indicators for degrees granted and enrollments in Science, Technology, Engineering, and Mathematics show our commitment to educating students in these fields.

UMass Dartmouth is still relatively new to doctoral education; overall we have produced 52 Research/Scholarship Doctoral degrees, beginning in 1997. The number does not include the Chemistry joint degrees that are conferred at Amherst and Lowell. With new doctoral programs now added, our goal is to graduate more than 20 per year. Doctoral enrollments have grown steadily, enhanced by the addition of the Juris Doctor degree, which graduated 50 students this year.

FINANCIAL HEALTH

A set of fiscal controls and processes are in place to ensure the achievement of full fiscal stability. A strategic planning process is underway in FY14 to ensure that resources are aligned with academic goals and spending. We continue to explore new ways to grow revenues and control spending to create efficiencies. Return on net assets for FY12 is predicted to increase by approximately 13%. The debt ratio for this same time period is predicted to be under the 8% threshold. UMass Dartmouth has achieved a positive financial cushion during a time of constrained resources.

2013 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of Freshmen	3.20
• Average SAT Scores of Freshmen	
<i>Arithmetic Mean</i>	1056
<i>25th-75th Percentile</i>	970 - 1150
• Average GPA of Transfers	3.0
• Student Satisfaction with Educational Experience	76%
• Number of Doctoral Degrees Awarded	50
• Postdoctoral Appointees	3
• Total R&D Expenditures	\$22.7M
• Total R&D Expenditures per Faculty	\$73,805
• Federal Research Expenditures	\$11M
• Patent Applications	1
• License Income	\$31,093
• New Tenured/Tenure-Track Faculty Hired	10
• Change in Tenured/Tenure-Track Faculty	-5
• Change in Faculty FTE	5
• Faculty Awards	2
• National Academy Members	0

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	37%
• Percent of Need Met for In-State Students	
Awarded Need-Based Aid	88%
• Percent Undergraduates who Live in MA	94%
• Enrollments in Online Courses	3,455
• Annual Growth in Online Course Enrollments	26%

STUDENT SUCCESS AND SATISFACTION

• Percent Undergraduates Students of Color	25%
• Percent Undergraduates First Generation in College	
• Seniors, Parents High School or less	27%
• Seniors, Neither Parent has Bachelors	55%
• Freshmen, Parents High School or less	25%
• Freshmen, Neither Parent has Bachelors	43%
• Percent Undergraduates with English as a	
Second Language	8.1%
• Percent Undergraduates who are International	1.5%
• Number of Undergraduates who Participated	
in a Study Abroad Program	116
• Freshman One-Year Retention Rate	74%
• Freshman Six-Year Graduation Rate	50%
• Transfer (Full-time) One-Year Retention Rate	80%
• Transfer (Upper Division) Four-Year	
Graduation Rate	63%

SERVICE TO THE COMMONWEALTH

• Percent Alumni who Live in MA	75%
• Enrollment in STEM Programs	1,991 (22%)
<i>Undergraduate</i>	1,647 (22%)
<i>Graduate</i>	344 (21%)
• Degrees Awarded in STEM Fields	306 (18%)
<i>Undergraduate</i>	228 (18%)
<i>Graduate</i>	78 (18%)
• MTEL Science and Math Test-Takers	7

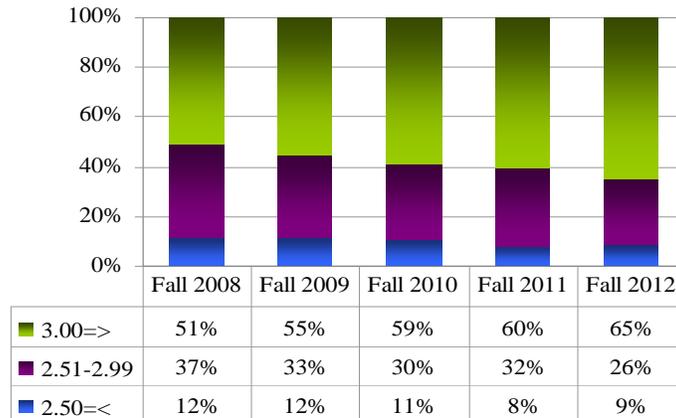
FINANCIAL HEALTH

- Endowment Assets \$39M
- Annual Growth in Endowment Assets 7%
- Endowment per Annualized Student FTE \$4,815
- Private Funds Raised Annually \$5.1M
- Return on Net Assets 34.2%
- Financial Cushion 4.8%
- Debt Service to Operations 7.6%
- Deferred Maintenance per GSF \$93

ACADEMIC QUALITY

High School GPA of Freshmen

UMass Dartmouth is succeeding in its goal of maintaining a strong student quality profile while also fostering access. The High School GPA of our entering Freshmen continued its strong upward trend in 2012. High School GPA is the best predictor of success in college studies. These statistics include the 137 students who have entered by our long-standing and well-recognized alternative access program, College Now.



	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Average</i>	3.06	3.08	3.13	3.16	3.20

Average SAT Scores of Freshmen

Our average incoming SAT scores increased to the highest level in the last three years. This is particularly impressive given the strong increase in the diversity of the incoming class. UMass Dartmouth is succeeding in its goal of maintaining a strong student quality profile while also fostering access.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Peers Fall 2012
75th Percentile	1140	1150	1130	1150	1150	1193
25th Percentile	980	980	960	945	970	991
<i>Average</i>	1057	1059	1042	1047	1056	1092

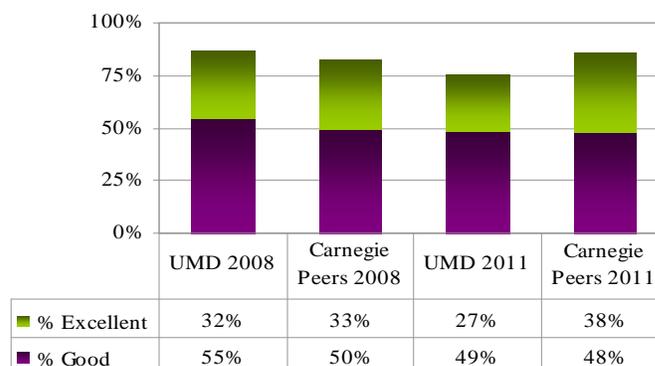
Average GPA of Entering Transfer Students

The transfer grade point average has been maintained at a high level that is well above the Department of Higher Education minimum of 2.0.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Average</i>	3.0	3.0	3.0	3.0	3.0

Student Satisfaction with Educational Experience

Presented are responses to a survey question about overall educational experience in the NSSE nationwide survey. Ninety percent of the AY 12 graduating seniors who responded to the UMass Dartmouth exit survey indicated they were Very Satisfied/Satisfied with their academic instruction, but the decline in the NSSE overall satisfaction compared to 2008 is a concern. This past spring, focus groups of freshmen and seniors were conducted to further explore these findings.



Doctoral Degrees Awarded

UMass Dartmouth is still relatively new to doctoral education; cumulatively we have produced 52 PhD degrees, beginning in 1997. The professional practice doctoral degrees were all Juris Doctor law degrees. With new doctoral programs now added, our goal is to graduate 20 per year. Doctoral enrollments have grown steadily.

UMD Doctoral Degrees Awarded	2007-08	2008-09	2009-10	2010-11	2011-12
<i>Research/Scholarship Doctorates</i>	2	5	3	5	7
<i>Professional Practice Doctorates</i>	NA	NA	NA	47	43
Total Doctoral Degrees Awarded	2	5	3	52	50

Research/Scholarship Doctorates	2007-08	2008-09	2009-10	2010-11	2011-12
UMD	2	5	3	5	7
Peer Average	22	25	27	28	23

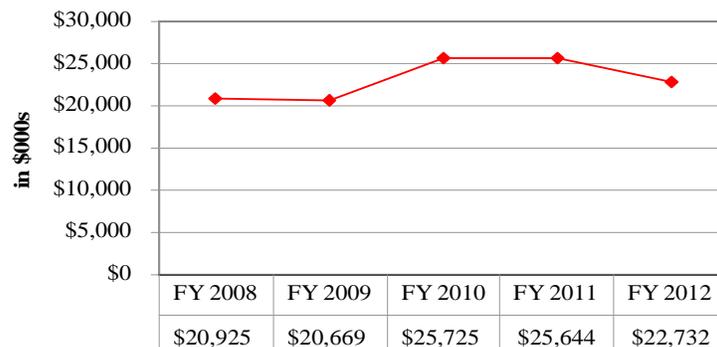
Postdoctoral Appointees

UMass Dartmouth has a faculty union position entitled Research Associate into which most recent PhD researchers are hired (11 were employed in AY 11-12). The title "Postdoc" does not encompass the scope of our research involvement of new PhDs.

	2007-08	2008-09	2009-10	2010-11	2011-12
UMD	13	5	6	4	3

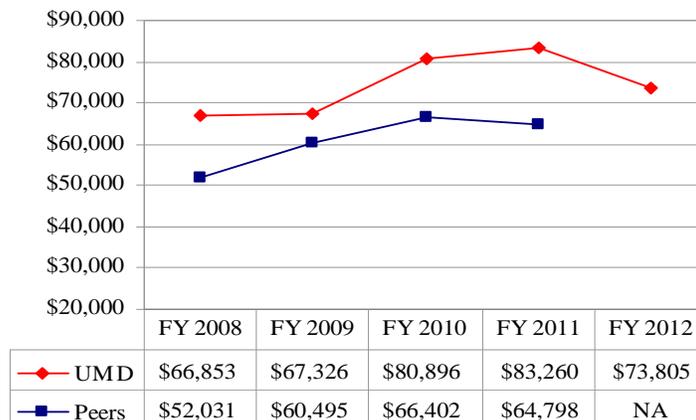
Total Research and Development (R&D) Expenditures

UMass Dartmouth's research expenditures have held fairly steady even as earmarks for textile and fisheries research have been withdrawn due to an increasing number of faculty who are successfully competing for federal grants. Now that the remaining earmark money has essentially been fully expended, we expect steady growth in expenditures due to the increase in competitively awarded grant funding that has already occurred and that is expected to continue.



R&D Expenditures per Faculty

UMass Dartmouth continues to significantly outperform our peers in the research expenditures per faculty. The percentage of faculty who secure externally funded grants has grown dramatically in recent years so we expect this metric to increase even more as our researchers mature into their most productive years.



Federal Research Support

The anomalous decline in FY 2012 is a direct result of the end of federal earmarks. We expect to re-establish upward growth in this area now that earmarks have been fully expended.

<i>Federal R&D</i> (in \$000s)	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
<i>UMD</i>	\$13,087	\$10,804	\$12,236	\$13,657	\$10,979
<i>Peers</i>	\$9,568	\$11,451	\$12,585	\$11,234	NA

Patent Applications

The number of patent applications filed is an indicator of an institution's inventiveness and the commercial potential of its academic work.

	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
<i>UMD</i>	4	7	2	3	1

License Income

License income is a measure of the economic value of an institution's inventiveness and a contributor to the University's economic health.

	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
<i>UMD</i>	\$20,150	\$2,000	\$36,482	\$26,481	\$31,093

New Tenured/Tenure-Track Faculty Hired

This year's hires include a cluster hire in scientific computing and a number of faculty to support our two doctoral programs in nursing.

	<i>AY 2008-09</i>	<i>AY 2009-10</i>	<i>AY 2010-11</i>	<i>AY 2011-12</i>	<i>AY 2012-13</i>
<i>UMD</i>	19	14	28	11	10

Change in Tenured/Tenure-Track Faculty

Growth in our tenure and tenure-track faculty is critical for achieving our research and engagement goals. We are conserving our resources this year in order to prepare for a significant investment in faculty to support our new strategic plan whose development has just begun.

	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>1-year Change</i>
<i>UMD</i>	313	307	318	308	303	-1.6%

Change in Faculty FTE

This indicator permits one to see the difference in the total FTE of instruction from one fall semester to the next. Not included are individuals whose primary responsibility is administrative, teaching assistants, and continuing education instructors.

	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>1-year Change</i>
<i>UMD</i>	452	442	451	465	470	1.1%

Faculty Awards

In 2010, UMass Dartmouth led institutions of its type in the USA in having five Fulbright faculty awards and being named a "Fulbright Top-Producing Institution." This indicator concerns awards that are acknowledged to indicate superior academic distinction. Although this indicator is in regards to faculty, we had a student earn a Fulbright teaching assistantship in AY 11-12.

	2008	2009	2010	2011	2012
<i>UMD</i>	0	1	6	5	2

National Academy Members

UMass Dartmouth does not yet have any members in the National Academies.

	2008	2009	2010	2011	2012
<i>UMD</i>	0	0	0	0	0

ACCESS AND AFFORDABILITY

Percent (In-State) Pell Grant Recipients

This indicator represents the access that UMass Dartmouth offers to low-income undergraduate students. The results show an increasing proportion of these students among our freshman entering class, reflecting our increasing mission of access. The indicator reports on in-state undergraduates.

	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011
<i>UMD</i>	23%	22%	30%	37%	37%

Percent Need Met for In-State Students Awarded Need-Based Aid

UMass Dartmouth has long striven to meet substantially all demonstrated financial need of students awarded need-based financial aid, reflecting our increasing mission of access. We have maintained this level by increasing institutionally-provided aid.

	2007-08	2008-09	2009-10	2010-11	2011-12
<i>UMD</i>	91%	91%	90%	88%	88%

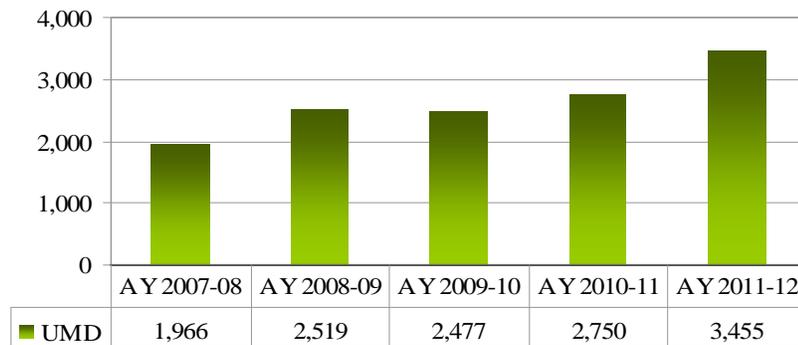
Percent Undergraduates From Massachusetts

The Dartmouth campus has predominately served an in-state population with only 6% from out-of-state. Many of our students come from southeastern Massachusetts.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Number</i>	7,633	7,636	7,400	7,213	7,120
<i>Percent</i>	96%	96%	95%	95%	94%

Online Course Registrations

UMass Dartmouth experienced significant increases in online registrations. We are also making large investments in this area to accelerate our growth in this critical area.



Annual Growth in Online Course Registrations

The strong growth in online registrations we experienced this year is expected to continue, and as a result, a large investment is being made in online infrastructure and support.

	<i>AY07-08</i>	<i>AY08-09</i>	<i>AY09-10</i>	<i>AY10-11</i>	<i>AY11-12</i>
<i>UMD</i>	16.2%	28.1%	-1.7%	11.0%	25.6%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduates who are Students of Color

Our campus has seen a dramatic increase in the percentage of students of color over the last 5 years. We are pleased and excited by our ability to attract so many highly qualified students of all types.

	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>
<i>Number</i>	924	1,162	1,401	1,623	1,755
<i>Percent</i>	13.6%	15.6%	19.5%	22.6%	25%

Percent Undergraduates who are First Generation in College

We present two views of undergraduates who are first generation college students.

Senior students show the *success* we have in producing graduates, including our transfer students. Neither parent of 27% of our seniors has gone beyond high school, and neither parent of an additional 28% has completed a four-year degree. Over half of our graduates are thus in the first generation of their family to complete a four-year degree. (These data will be updated every third year.)

Freshman students show the *access* we provide to a college education. Neither parent of 25% of our freshmen, or 339, has gone beyond high school; also, neither parent of an additional 18% has completed a four-year degree.

	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>
<i>1st Generation Seniors (Parents HS or less)</i>	30%	30%	27%	27%
<i>1st Generation Seniors (Neither Parent has Bachelors)</i>	55%	55%	55%	55%
<i>1st Generation Freshmen (Parents HS or less)</i>	25%	27%	26%	25%
<i>1st Generation Freshmen (Neither Parent has Bachelors)</i>	44%	46%	44%	43%

Percent Undergraduates with English as a Second Language

Approximately 8% of our new freshmen for 2012 reported that they were from a home in which English is not the primary language spoken.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Percent</i>	5.0%	5.6%	9.7%	8.6%	8.1%

Percent Undergraduates who are International

Strategic efforts to increase the global diversity of our campus have resulted in a large increase in the numbers of international undergraduate students: the percentage has increased by a factor of 5 in the last two years. We expect this increasing trend to continue.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Number</i>	33	33	27	69	114
<i>Percent</i>	0.4%	0.4%	0.3%	0.9%	1.5%

Number Undergraduates who Participated in a Study Abroad Program

Between one and two percent of our undergraduates study abroad. The nationwide average is 1%. These data include only study abroad that directly awards credit. UMass Dartmouth also sponsors additional students in a growing number of travel/work/service activities that do not award credit. A small number of graduate students also participated in study abroad.

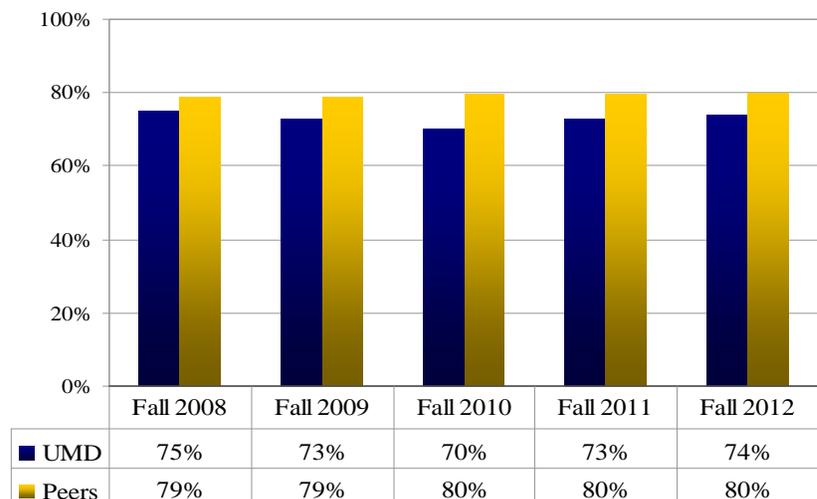
	Fall 07 - Summer 08	Fall 08 - Summer 09	Fall 09 - Summer 10	Fall 10 - Summer 11	Fall 11 - Summer 12
<i>Number</i>	76	124	62	87	116

Freshman One-Year Retention Rate

74% of last fall's first-time, full-time freshmen were enrolled as of the next fall. The small recovery from 09-10's low number is encouraging, but there is more to be done to achieve our long-range goal of 80% on this measure. New and enhanced interventions are underway.

Research by higher education scholars such as Alexander W. Astin shows that institutions with UMass Dartmouth's emerging profile of on-campus residency, admissions quality, and institutional type do well if they achieve first-year retention rates above 75%, and quite well at 80% or above. For fall 2012, our comparative peers' average is 80% on this measure.

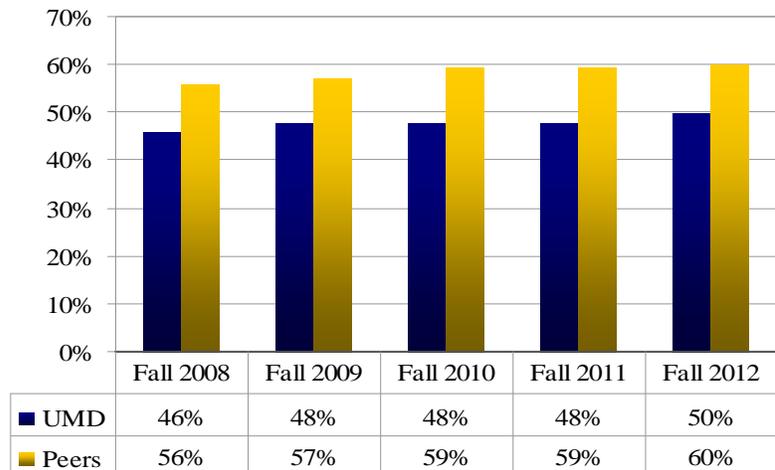
UMass Dartmouth's long-range goal of reaching 80% is designed to challenge the institution.



Freshman Six-Year Graduation Rate

UMass Dartmouth's six-year graduation rate increased to its highest level in at least 5 years. Research by higher education scholars such as Alexander W. Astin shows that institutions with UMass Dartmouth's profile of on-campus residency, admissions quality, and institutional type are doing well if they achieve graduation rates above 50%; but even though we have achieved that, we have a long way to go to match our peers.

UMass Dartmouth has a long-range goal of reaching and exceeding our peer averages—a goal designed to challenge the institution.



Transfer (Full-Time) One-Year Retention Rate

UMass Dartmouth's transfer one-year retention rate achieved its highest level in at least 5 years. Improved transfer advising and support have improved the retention and success of this increasingly important student type.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
UMD	75%	78%	77%	78%	80%

Transfer (Upper Division) Four-Year Graduation Rate

This indicator shows that 63% percent of the full-time upper division transfer students who entered with 60 or more credits in Fall 2008 (91 students) had completed their program by Fall 2012. The total number of students in the full-time group is small.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
UMD	60%	64%	64%	66%	63%

SERVICE TO THE COMMONWEALTH

Percent Alumni who Live in Massachusetts

This indicator demonstrates our commitment to the educational achievement of the Commonwealth. UMass Dartmouth maintains a strategic balance between regional, state, national, and international alumni, appropriate to our mission.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Undergraduate</i>	75%	73%	73%	75%	76%
<i>Graduate</i>	54%	47%	46%	54%	61%
<i>All</i>	73%	70%	71%	73%	75%

Enrollment in STEM Programs

This indicator demonstrates our steady commitment to educating students in Science, Technology, Engineering, and Mathematics (STEM) fields. STEM fields at UMass Dartmouth are biology, chemistry/biochemistry, mathematics, engineering (civil, computer, electrical, mechanical), computer science, physics, materials/textiles/bioengineering, biomedical engineering/biotechnology, marine science/technology, and engineering/applied science. The START program and appropriate certificates are also included here.

Undergraduate

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Total</i>	7,982	7,982	7,749	7,580	7,562
<i>STEM</i>	1,495	1,534	1,654	1,625	1,647
<i>Percent STEM</i>	19%	19%	21%	21%	22%

Graduate

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Total</i>	1,173	1,320	1,683	1,645	1,648
<i>STEM</i>	326	335	362	368	344
<i>Percent STEM</i>	28%	25%	22%	22%	21%

Grand Total STEM	1,821	1,869	2,016	1,993	1,991
Grand Total Percent STEM	20%	20%	21%	22%	22%

Degrees Awarded in STEM Fields

Science, Technology, Engineering, and Mathematics (STEM) graduates enter the workforce or pursue further education across the range of science, engineering, and mathematics fields. Note that the addition of new non-STEM graduate programs such as Law has lowered the percentage of graduate STEM within the total, although the numbers of STEM graduate degrees are holding relatively steady.

Undergraduate

	2007-08	2008-09	2009-10	2010-11	2011-12
<i>Total Degrees</i>	1,140	1,245	1,273	1,329	1,251
<i>STEM</i>	169	190	205	226	228
<i>Percent STEM</i>	15%	15%	16%	17%	18%

Graduate

	2007-08	2008-09	2009-10	2010-11	2011-12
<i>Total Degrees</i>	321	270	316	449	439
<i>STEM</i>	94	89	78	85	78
<i>Percent STEM</i>	29%	33%	25%	19%	18%

Grand Total STEM	263	279	283	311	306
Grand Total Percent STEM	18%	18%	18%	17%	18%

FINANCIAL HEALTH

Endowment Assets and Annual Growth in Endowment

With additional funds allocated to fundraising, the campus anticipates continued endowment growth. We have continued on a path of growth through a difficult period for investments and giving. Due to improvement in the stability of financial markets coupled with a focused effort on fundraising activities, endowment has shown steady growth over the last four years.

Note: Current and historical data have been revised after the publication of the financial indicators report.

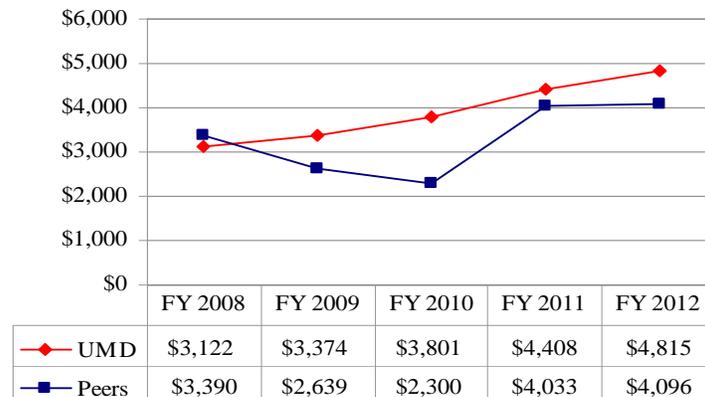


	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
Annual Growth	5%	10%	14%	16%	7%

Endowment per Annualized Student FTE

The endowment per student ratio reflects a base from which earnings can contribute to current operations. In addition, unrestricted endowments contribute to the non-expendable fund balance, which greatly affects the financial cushion.

Note: Current and historical data for UMD have been revised after the publication of the financial indicators report.



Private Funds Raised Annually

The private funds indicator gauges UMass Dartmouth's success in raising funds from private sources (alumni and other individuals, foundations, corporations and other organizations) to support its mission. Fiscal year 2009 included a one-time gift of \$3.5M. Fiscal year 2010 included the one-time \$8.2M gift of real property for the Law School and Fiscal year 2011 included an additional \$5.6M in law books and furniture. That said, the FY 2011 number actually shows an increasing trend across time. The campus expects revenues from this area to increase consistently. This can be attributed to past and continuing campus investments in the Advancement Office. A decline in Fiscal year 2012 can be partially attributed to donor restraint, which often occurs during institutional leadership transitions.

Note: Current and historical data have been revised after the publication of the financial



Return on Net Assets

The return on net assets ratio determines whether the institution is financially better off than in previous years by measuring total economic return. The institution's total wealth is determined by including the total change in net assets (capital assets net of related debt, restricted, and unrestricted) against the total net assets at the beginning of the year. The ratio provides a comprehensive measure of the growth or decline in the total wealth of an institution over a specific period of time. The growth observed over fiscal years FY 2010 and FY 2011 is attributed to the University's investment in Physical Plant. A significant upward trend is predicted for FY 2012.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMD	1.93%	11.30%	18.12%	20.82%	34.20%
Peers	4.10%	1.90%	6.20%	9.83%	NA

Financial Cushion

The financial cushion reflects long-term financial health of the institution and its ability to weather, or "cushion" itself from short-term operational ups and downs. The current ratio is *much improved* over that of ten years ago when this ratio was -7.2% and the campus had a deficit of -\$9,055,000 in "Unrestricted Net Assets." The campus has succeeded in bringing the financial cushion to a positive number by increasing reserves during difficult economic times. This practice will continue into future years with the goal of reaching double digits in FY 2016.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMD	-1.7%	1.4%	4.5%	5.4%	4.8%
Peers	11.4%	16.8%	21.0%	27.4%	NA

Debt Service to Operations

The recent borrowing of \$62 million in FY 2011 afforded the University to move forward with construction of a biomanufacturing plant, construction of a Marine Science building, renovations to laboratories, renovations to residence halls, and expansion of the fitness center. Full impact of debt for these projects will be realized in FY 2013. This ratio is expected to fluctuate at the 8% level. As old debt continues to retire, the campus will manage a balance between investment in physical planning and maintaining a healthy debt portfolio.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMD	8.2%	8.6%	8.6%	8.4%	7.6%
Peers	6.0%	6.3%	6.4%	6.1%	NA

Deferred Maintenance per GSF

This ratio quantifies the average dollar level of deferred maintenance work needed per square foot of space. This ratio uses cost information of deferred and other maintenance dollars needed to address maintenance and code work that would be mandated to allow the campus to continue to use the space once the repairs were complete. Improvement in this ratio is anticipated in FY 2012 and FY 2013 as investment in deferred maintenance activities is planned.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMD	\$60	\$63	\$67	\$92	\$93

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

High School GPA of First-Year Students. Cumulative GPA for college preparatory courses with additional weight to honors and AP courses, according to BHE admissions policy, reported on all first-year students.

Average SAT Scores of Freshmen. Arithmetic Mean of SAT scores of all first-year students, and 25th, 75th percentiles. Peer data are from IPEDS. Peer means are expressed as the average of 25th and 75th percentiles.

Average GPA of Entering Transfer Students. Average GPA for college level courses transferred to UMD according to admissions policy.

Student Satisfaction with Educational Experience. Percent of seniors who responded “good” or “excellent” to the question, “How would you evaluate your entire educational experience at this institution?” on the National Survey of Student Engagement administered in Spring 2011. Peer data are the Carnegie Classification-Master’s Colleges and Universities (larger programs) that participated in NSSE.

Doctoral degrees awarded. Number of Doctorates awarded for the academic year 2012, which includes September 2011, January 2012, and May 2012 award dates. These include both Research/Scholarship and Professional Practice Doctorates. Peer comparison data are based on Research/Scholarship doctorates only.

Postdoctoral Appointees. The number of postdoctoral appointees as reported to NSF.

Research and Development Expenditures. R&D expenditures in all academic fields, from all sources (federal, state, local governments, industry, private and institutional) as reported to NSF.

Sponsored Research per Faculty. R&D expenditures in all academic fields, from all sources (federal, state, local governments, industry, private and institutional) as reported to NSF, divided by total tenure system faculty as reported to IPEDS. Peer data are from NSF/IPEDS and include aspirant peers.

Federal Research Support. R&D expenditures in all academic fields, from all federal sources, as reported to NSF. Peer data are from NSF and include aspirant peers.

Patent Applications. Number of U.S. Patent applications filed per year. Data Source: Data reported by campuses to UMass President’s Office, Office of CVIP.

License Income. Amount of annual income from license agreements. Data Source: Data reported by campuses to UMass President’s Office, Office of CVIP.

New Tenured/Tenure-Track Faculty Hired. The number of new tenured/tenure-track faculty members hired to start their new positions in the academic year.

Change in Tenured/Tenure-Track Faculty. The difference in the number of tenured and tenure track faculty from one fall semester to the next. Counts include faculty on paid leave but not those whose responsibilities are primarily administrative.

Change in Faculty FTE. The difference in the total FTE, from one fall semester to the next, for all full-time and part-time instructional faculty teaching courses. Includes faculty members who are on paid leave. Does not include individuals whose primary responsibility is administrative. Definition of Faculty FTE is per the Common Data Set, and includes all faculty teaching credit courses, including credit courses offered via Continuing Education

Faculty Awards. Number of faculty with awards from a list of 24 prominent grant and fellowship programs in the arts, humanities, science, engineering and health fields (e.g., Fulbright American Scholars, Guggenheim Fellows, MacArthur Foundation Fellow, National Endowment for the Humanities Fellows, NSF Career Awards, Sloan Research Fellows). Data reported in *The Top American Research Universities* and were obtained from directories or web-based listings.

National Academy Members. Number of faculty with active or emeritus status who have been elected to membership in the National Academy of Sciences, the National Academy of Engineering, or the Institute of Medicine. Data reported in *The Top American Research Universities*.

ACCESS AND AFFORDABILITY INDICATORS

Percent Pell Grant Recipients. Federal Pell Grants are awarded to low-income undergraduates based on their expected family contribution. Data as reported by campuses to the UMass President’s Office in the Financial Aid Template, which are estimates.

Percent of Need Met for In-State Students Awarded Need-Based Aid. The average percentage of demonstrated financial need that is met by the institution's award of need-based financial aid to undergraduate students. Data as reported to the UMass President's Office in the Financial Aid Template.

Percent Undergraduates Who Live in Massachusetts. Percentage of total undergraduate students who currently reside in Massachusetts based on tuition residency and/or permanent address for continuing education students.

Online Course Registrations. Enrollments or course registrations for the academic year for online credit courses. Academic year includes summer, fall, intersession, and spring. These do not include hybrid course, but fully online only offered via *UMassOnline*.

Annual Growth in Online Course Registrations. Percentage rate of growth in enrollments or course registrations for the fiscal year for online credit courses. Fiscal year includes summer, fall, intersession, and spring. These do not include hybrid courses, but fully online only offered via *UMassOnline*.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percent Undergraduates who are Students of Color. Undergraduates who are Cape Verdean, Black, Hispanic/Latino, Asian, Hawaiian and/or Native American, divided by total U.S. citizens and permanent residents who report race/ethnicity. Due to recent changes in IPEDS race and ethnicity classifications, trend data on students of color should be viewed with caution.

Percent Undergraduates who are First Generation in College. First-generation college students are defined as those students with neither parent having attended college. We also give data for neither parent having a bachelor's degree. Data are from the Cooperative Institutional Research Program (CIRP) Freshmen Survey 2012, and Senior data are from NSSE (2011).

Percent Undergraduates with English as a Second Language. Percentage of undergraduates whose first language was not English. Data are from Cooperative Institutional Research Program (CIRP) Freshmen Survey 2012.

Percent Undergraduates who are International. Includes all undergraduates with eligible visa types enrolled in credit courses. Does not include US citizens, permanent residents, or refugees.

Number of Undergraduates who Participated in a Study Abroad Program. Data are numbers of students who participated in a credit bearing study abroad program as

reported on the Institute of International Education Open Doors survey for Fall 2011 through Summer 2012.

Freshman One-Year Retention Rate. Percent of first-time, full-time freshmen who entered in previous fall and were still enrolled as of the next fall. Peer data are as reported to IPEDS.

Freshman Six-Year Graduation Rate. Percent of first-time, full-time freshmen who entered in a given fall and had graduated within six years. Peer data as reported to IPEDS.

Transfer One-Year Retention Rate. Percent of full-time transfer students at any level who entered in the prior fall and were still enrolled or graduated as of the next fall.

Transfer Four-Year Graduation Rate. Percent of full-time upper division transfers (60+ credits) who entered in a given fall and had graduated within four years.

SERVICE TO THE COMMONWEALTH INDICATORS

Percent of alumni who live in Massachusetts. Percentage of total alumni who currently reside in Massachusetts based on alumni records.

Enrollment in Science, Technology, Engineering, and Mathematics (STEM) Programs. Total number of students enrolled in STEM programs. STEM programs are those fields of study defined in the National Science & Mathematics Access to Retain Talent (SMART) Grant with the exclusion of foreign languages. Enrollment count includes degree-seeking undergraduate, graduate and certificate students.

STEM Awards. Number of undergraduate and graduate degrees and certificates awarded in STEM fields. STEM fields are those defined in the National Science & Mathematics Access to Retain Talent (SMART) Grant with the exclusion of foreign languages.

MTEL Science & Math Test-Takers. Total number of students who took the Massachusetts Tests for Educator Licensure (MTEL) subject tests in science and math fields.

FINANCIAL HEALTH INDICATORS

Endowment Assets and Annual Growth in Endowment. Market value of true and quasi-endowment assets. Comparative data are from IPEDS, financial statements, and the NACUBO survey.

Endowment per Annualized Student FTE. True and quasi-endowment per annualized FTE student, where FTE of peer institutions is standardized to UMass formulae. Peer data are for the comparative peers from financial statements (current year) and IPEDS (prior years).

Private Funds Raised Annually. Private funds raised includes restricted and unrestricted revenues from individuals, foundations, corporations, and other organizations. Includes private grant revenues but not private contract revenues. Totals for each year include pledges made in that year as well as the value of in-kind contributions.

Return on Net Assets. Increase/decrease in net assets divided by total net assets at beginning of the year. Peer data from published financial statements.

Financial Cushion. Unrestricted net assets as a percentage of operating expenditures and interest expense. Peer data are from published financial statements.

Debt Service to Operations. Debt service payments as a percentage of operating expenditures and interest expense. Peer data are from published financial statements.

Deferred Maintenance per GSF. Deferred Maintenance includes deferred and other maintenance dollars needed to maintain the current function of the campus, calculated by the “Sightlines” Return on Physical Assets methodology (ROPA sm) and shown per square foot of space.

PEER INSTITUTIONS FOR UMASS DARTMOUTH

Clarion University of Pennsylvania
 College of William and Mary (VA)*
 Michigan Technological University*
 Murray State University (KY)
 Slippery Rock University of Pennsylvania
 Sonoma State University (CA)
 South Dakota State University*
 The College of New Jersey
 University of Central Arkansas
 University of Minnesota, Duluth
 University of North Carolina at Greensboro*
 University of Wisconsin, Eau Claire

**Aspirant Peers*

Please Note: Unless otherwise specified, all data are from the Campus Office of Institutional Research.

HEADLINES FROM THE 2013 ANNUAL INDICATORS

ACADEMIC QUALITY

UMass Lowell continued its progress toward the goals for increasing academic quality as laid out in the *Strategic Plan 2020*. This year saw another surge in the academic qualifications of the incoming class. The Fall 2012 freshman class average SAT score of 1125 bettered that of the Fall 2011 class by 12 points. The Fall 2012 incoming class's grade point average of 3.29 represented an increase over that of the Fall 2011 class's, and continued UMass Lowell's eleven-year trend of annual increases in this metric.

UML's emphasis on strengthening research and building new academic programs has been positively affected by the increase in the size of the faculty. Fall 2012 saw a substantial jump in the size of the faculty, up to 535 from 484 in Fall 2011. Twenty-six new tenured or tenure-track faculty joined UMass Lowell this year, representing a net increase of six over Fall 2011. Similarly, the overall faculty FTE increased to 683 in Fall 2012, up from 654 in Fall 2011.

Externally-sponsored research per faculty member is important to UMass Lowell both as a measure of faculty scholarship and as a measure of assisting innovation in the regional economy, and these continue to increase. UMass Lowell has exceeded the target of \$90,000 per faculty member in research expenditures for four consecutive years. In FY 2012 the average is \$145,381 per tenure-system faculty member.

ACCESS AND AFFORDABILITY

UMass Lowell's service to the Commonwealth includes working closely with regional K-12 systems and community colleges to make a student's transition from high school to community college to university as effective as possible. UML works diligently to maintain affordability for all students, as well as to increase access to college for those populations who do not traditionally consider attending a postsecondary institution. Approximately 1 in 5 of UML's undergraduates is a first-generation college student; 29% of undergraduates are students of color; and 83% are Massachusetts residents.

In FY 2012, 79% of undergraduate students demonstrated financial need. On average, 92% of their need was met. One in 3 of Lowell's undergraduate students receive Federal Pell Grants. By providing financial need assistance and by increasing the amounts of merit awards for new freshmen and grants for transfer students, UMass Lowell aims to not only maintain affordability, but to improve accessibility.

STUDENT SUCCESS AND SATISFACTION

UMass Lowell's one-year retention rate increased again this year, up two percentage points to 81%, while its 6-year graduation rate jumped 4 percentage points to 54%. Over two-thirds of UML's transfer students graduated in four years.

UML's students report being very satisfied with their academic experience. The 2012 NSSE survey found that 84% of seniors rate their experience at UMass Lowell as "good" or "excellent." This is on par with the ratings given by their immediate predecessors, and with the responses from seniors attending UML's Carnegie class peers.

SERVICE TO THE COMMONWEALTH

Lowell's mission includes service and outreach to assist: (1) the region's K-12 system; (2) the region's enterprise to innovate; (3) the health of the region's environment and citizens; and, (4) in strengthening the vitality of the region's communities. A significant number of Lowell faculty members from a wide variety of academic disciplines engage in these four areas, securing considerable funding from government agencies and private foundations. In recognition of this work, the Carnegie Foundation designated UMass Lowell as a "Community Engaged University."

Lowell supports a strong K-12 system in the region through literally scores of partnerships and programs. Lowell's Division of Online and Continuing Education (OCE) provides high-quality professional studies in innovative formats including campus-based classes, online education and customized corporate training. Numerous OCE programs serve various economic sectors, partnering with companies to deliver customized education and training programs for their employees, oftentimes on-site. The result is continued significant growth in the number of online course enrollments at UMass Lowell. This year that increase was 10% over the previous year. AY 2012 saw the largest number of online course registrations to date: 20,322.

FINANCIAL HEALTH

New efforts to grow revenues and control expenditures are implemented each year. Expanding research and continued growth in both OCE and Residence Life will continue to increase UMass Lowell's Return on Net Assets. Growth in revenues will further contribute to

UML's financial cushion and improving financial health.

Private funds raised annually increased again this year, by 16% compared to FY2011. Return on Net Assets increased to 18.9%, while UML's financial cushion decreased to 22%, a figure that nonetheless betters the peer average.

n.b. All peer comparisons throughout the 2013 "Annual Indicators" document were generated using UML's peers as of 2012. These are listed at the end of the "Definitions" section.

2013 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of First-Time Freshmen	3.29
• Average SAT Scores of First-Time Freshmen	
<i>Arithmetic Mean</i>	1125
<i>25th – 75th Percentile</i>	1030-1210
• Average GPA of Transfer Students	3.08
• Student Satisfaction with Educational Experience	84%
• Number of Doctoral Degrees Awarded	93
• Postdoctoral Appointments	23
• Total Research Expenditures	\$60.6M
• Federal Research Expenditures	\$26.8M
• Research Expenditures Per Faculty FTE	\$145,381
• Number of Patent Applications	19
• License Income	\$261,000
• New Tenured/Tenure-Track Faculty Hired	26
• Change in Tenured/Tenure-Track Faculty	+6
• Change in Total Faculty FTE	+ 29
• Faculty Awards	0
• National Academy Members	0

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	35%
• % of Need Met for In-State Students Awarded	
Need-Based Aid	92%
• Percent of Undergraduates from MA	83%
• Online Course Registrations	20,322
• Rate of Growth in Online Course Registrations	10%

**** NOTE:** Data on these measures are currently based on the inclusion of \$5.7M of funds in the total endowment which are sourced from UML's independent Alumni Association (a 501c(3) organization). The Alumni Association houses additional endowed funds directed toward the benefit of students at UMass Lowell. This methodology is different from that used by the other UMass campuses. Therefore, any comparisons should be done with caution.

STUDENT SUCCESS AND SATISFACTION

• % of Undergraduates who are Students of Color	29%
• % of Undergraduates who are First Generation in College	21%
• Percent Undergraduates who have English as Second Language	n/a
• Percent Undergraduates who are International	2.1%
• Undergraduates who participated in UML-sponsored Study Abroad Program	95
• Freshman One-Year Retention Rate	81%
• Freshman Six-Year Graduation Rate	54%
• Transfer (Full-time) One-Year Retention Rate	79%
• Transfer (Upper Division) Four-Year Graduation Rate	70%

SERVICE TO THE COMMONWEALTH

• Percent Alumni who remain in MA	62%
• Enrollment in STEM Programs	(5,672) 35%
<i>Undergraduate</i>	(4,468) 36%
<i>Graduate</i>	(1,204) 30%
• Degrees Awarded in STEM Fields	(1,062) 33%
<i>Undergraduate</i>	(696) 35%
<i>Graduate</i>	(366) 30%
• MTEL Math and Science Takers	16

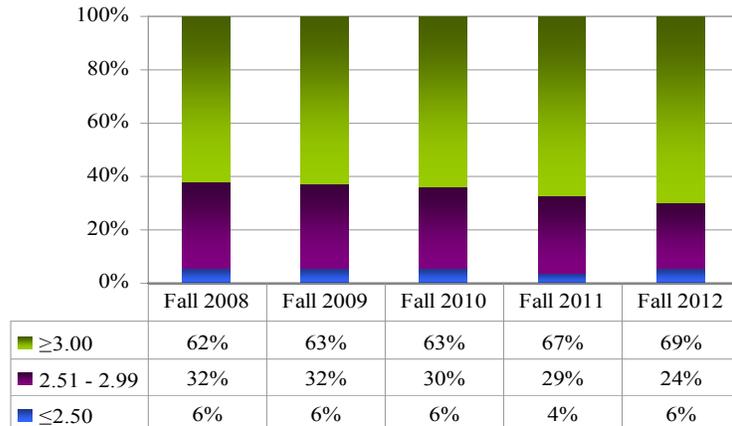
FINANCIAL HEALTH

• Total Endowment**	\$54.9M
• Annual Growth In Endowment**	11%
• Endowment Per Annualized Student FTE**	\$4,573
• Private Funds Raised Annually	\$17.6M
• Return on Net Assets	18.9%
• Financial Cushion	21.9%
• Debt Service To Operations	4.7%
• Deferred Maintenance per GSF	\$182

ACADEMIC QUALITY

High School GPA of First-Time Freshmen

For eleven years running, the average weighted high school GPA of the incoming first-year class has exceeded 3.00. The proportion of entering freshmen with high school GPAs above 3.00 jumped two percentage points this year to 69%. The average high school GPA continued its upward trend, reaching 3.29 in Fall 2012.



	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Average</i>	3.18	3.17	3.19	3.27	3.29

Average SAT Scores of First-Time Freshmen

The first-year class's average SAT score surged again this year to 1125, an increase of 12 points over the Fall 2011 figure. The increase in both the 25th and 75th percentiles underscores the University's emphasis on improving the quality of the incoming class.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>75th Percentile</i>	1160	1160	1170	1190	1210
<i>25th Percentile</i>	970	1000	1000	1020	1030
<i>Average</i>	1071	1083	1089	1113	1125
<i>Peer Median</i>					
<i>75th Percentile</i>	1185	1180	1190	1190	1200
<i>25th Percentile</i>	975	965	980	990	990
<i>UML Rank</i>					
<i>75th Percentile</i>	7	8	6	4	2
<i>25th Percentile</i>	5	3	2	2	2

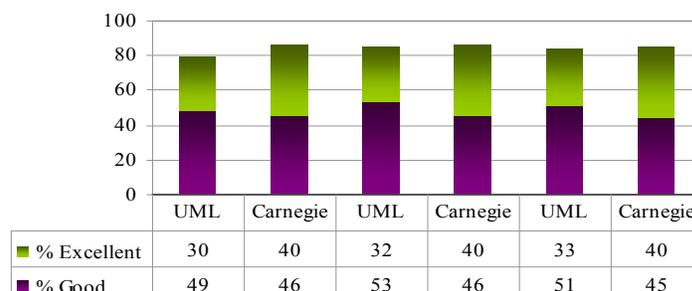
Average GPA of Entering Transfer Students

The average GPA for entering transfer students has remained relatively stable for the past four years. The Fall 2012 figure represents a slight increase over the previous year and continues a five-year trend of steady increases.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>UML</i>	2.99	3.06	3.04	3.07	3.08

Student Satisfaction with Educational Experience

UML's seniors increasingly rate their educational experience at the University as either "Good" or "Excellent." Eighty-four percent of seniors in the 2012 administration of the National Survey of Student Engagement (NSSE) survey rated their experience as such, on par with UML's 2011 rating of 85% as well as with the rating given by seniors at UML's peer institutions within the same Carnegie classification.



Doctoral Degrees Awarded

Ten more doctoral degrees were awarded by UML in 2011-12 than in the previous year, continuing a three-year increasing trend.

Beginning with FY2010, IPEDS has assigned professional practice doctorates to include first-professional doctorates associated with professional schools (JD, MD, PharmD). UML has adjusted the peers IPEDS totals to remain consistent in reporting comparable data.

<i>UML Doctoral Degrees Awarded</i>	2007-08	2008-09	2009-10	2010-11	2011-12
<i>Research/Scholarship Doctorates</i>	48	56	49	57	58
<i>Professional Practice Doctorates</i>	19	24	18	26	35
Total Doctoral Degrees Awarded	67	80	67	83	93

<i>Research/Scholarship Doctorates</i>	2007-08	2008-09	2009-10	2010-11	2011-12
<i>UML</i>	48	56	49	57	58
<i>Peer Median</i>	79	78	85	89	81*

*Calculated based on IPEDS provisional release data.

Postdoctoral Appointees

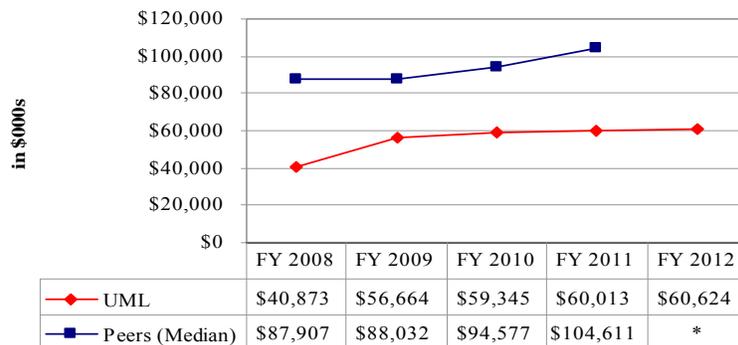
The number of postdoctoral appointments fell slightly this year, to 23. In 2011-12, 20 of the 23 were funded by grants.

	2007-08	2008-09	2009-10	2010-11	2011-12
<i>UML</i>	29	28	26	26	23

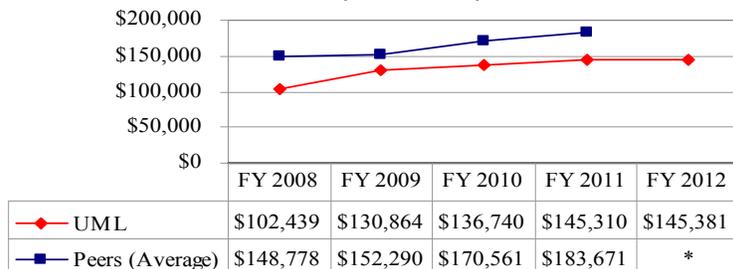
Total Research & Development (R&D) Expenditures

UML's total research and development expenditures as reported to the National Science Foundation (NSF). FY2012 continues a five-year trend of increasing annual R&D expenditures. Annual award numbers are on track to increase at a rate of greater than 10% per year for the past three years.

Total Research & Development Expenditures



Total Research & Development Expenditures per Tenure-System Faculty



*As of 5/31/13, the NSF had not released the data needed to generate this peer metric.

Number of Patent Applications

The number of patent applications filed is an indicator of an institution's inventiveness and the commercial potential of its academic work. In FY2012, 19 U.S. patent applications were filed by UMass Lowell faculty and researchers. UMass Lowell applies for additional foreign/international patents that are not reflected in these totals, however. In FY2012 there were 38 total patent applications (19 U.S. and 19 international), compared to 28 in FY2011 and 39 in FY2010.

	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
<i>UML</i>	16	15	26	21	19

License Income

The license income shown represents total revenues (licensing fees/royalties plus patent reimbursements). The three-year rolling average for FY2012 is \$581K, down slightly from \$608K in FY11, but still significantly higher than the \$392K figure for FY2010.

Total License Income (in thousands)

	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>
<i>UML</i>	\$484	\$341	\$352	\$1,130	\$261

New Tenured/Tenure-Track Faculty Hired

UMass Lowell continues to fill open tenure-track faculty positions to maintain capacity and to strengthen centers of excellence. In addition, 12 new NTT Lecturers and 1 new Clinical faculty member were hired in AY13.

	<i>AY 2008-09</i>	<i>AY 2009-10</i>	<i>AY 2010-11</i>	<i>AY 2011-12</i>	<i>AY 2012-13</i>
<i>UML</i>	15	8	19	17	26

Change in Tenured/Tenure-Track Faculty

The number of tenured full-time faculty in Fall 2012 increased by 6 over Fall 2011, continuing the upward trend of the past several years. In addition, the overall number of full-time faculty (without regard to tenure status and including clinical faculty and NTT Lecturers) jumped this year to 530. UMass Lowell remains strongly committed to strengthening the faculty.

	<i>Fall 2008*</i>	<i>Fall 2009*</i>	<i>Fall 2010*</i>	<i>Fall 2011*</i>	<i>Fall 2012*</i>	<i>1-year Change</i>
<i>UML</i>	413	405	406	413	419	6

*Beginning in Fall 2008, these figures include tenured faculty with administrative assignments.

Change in Faculty FTE

The significant increase in faculty FTE is due to the UML's emphasis on strengthening research and building new academic programs.

	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>1-year Change</i>
<i>UML</i>	495	559	643	654	683	29

This figure includes full-time tenured and tenure-track faculty as well as NTT Lecturers, and Clinical and visiting faculty. Beginning in Fall 2009 this figure includes CSCE-only faculty.

Faculty Awards

This figure represents the number of faculty awarded prominent grants or fellowships, and is compiled annually by the Arizona Center for Measuring University Performance.

	2007	2008	2009	2010	2011
<i>UML</i>	2	0	0	0	*
<i>Peers (Median)</i>	2.0	1.5	4.5	2.5	*

*As of 5/30/13 the data for 2011 was not yet available.

National Academy Members

The Arizona Center for Measuring University Performance annually compiles the number of faculty who are members of the National Academy of Sciences, the National Academy of Engineering, and the Institute of Medicine.

	2007	2008	2009	2010	2011
<i>UML</i>	0	0	0	0	*
<i>Peers (Median)</i>	0.5	0.5	0.5	0.5	*

*As of 5/30/13 the data for 2011 was not yet available.

ACCESS AND AFFORDABILITY

Percent (In-State) Pell Grant Recipients

The percentage of *in-state* degree-seeking undergraduates receiving Federal Pell Grants, which are based on a student's need. In Fall 2011, fully one-third of UML's in-state undergraduates qualified for and received a Pell Grant, continuing a five-year upward trend.

	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011
<i>UML</i>	21%	22%	27%	33%	35%

Percent Need Met for In-State Students Awarded Need-Based Aid

UMass Lowell remains committed to affordability. On average, UML students (both in-state and out-of-state) have over 90% of their need met by the University, continuing a 5-year trend.

<i>Percent Need Met</i>	2007-08	2008-09	2009-10	2010-11	2011-12
<i>UML</i>	94%	96%	95%	95%	92%

<i>In-State Students</i>	2007-08	2008-09	2009-10	2010-11	2011-12
<i>Percent Need Met</i>	94%	96%	94%	94%	92%

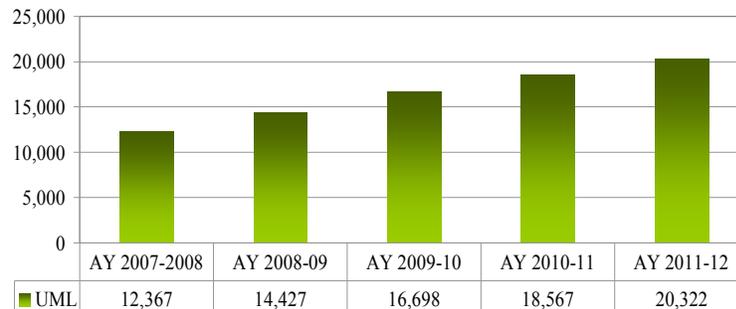
Percent Undergraduates from Massachusetts

Massachusetts residents comprise the majority of UMass Lowell undergraduate students (both Day and OCE). Approximately five out of every six students hail from Massachusetts.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Number</i>	8,341	9,076	9,693	9,939	10,229
<i>Percent</i>	86%	86%	86%	85%	83%

Online Course Registrations

UMass Lowell's Division of Online and Continuing Education (OCE) online course registrations continue to increase. In addition, many other courses across the University incorporate online elements using Blackboard LMS tools such as e-mail, online syllabi, chat, and discussion forums.



Annual Growth in Online Course Registrations

UMass Lowell has made a concerted effort to expand its online course offerings, and continued to scale its online program in AY12. Online course registrations are at their highest point ever, at 20,322, an increase of 10% over AY11.

	AY 2007-08	AY 2008-09	AY 2009-10	AY 2010-11	AY 2011-12
UML	17%	16%	15%	11%	10%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduates who are Students of Color

UMass Lowell's proportion of U.S. students of color, especially those of Asian and Hispanic origin, demonstrates success in recruiting diverse students. Their numbers have increased in each of the last five years, and in Fall 2012 comprised 29% of the undergraduate student body.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Number	1,796	2,116	2,604	3,054	3,211
Percent	23%	23%	25%	28%	29%

Percent Undergraduates who are First Generation in College

The proportion of freshmen and seniors respondents to the 2012 NSSE survey who reported that neither parent had attended college has remained steady since 2008, registering a slight jump in 2011.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Percent	21%	n/a	n/a	24%	21%

Percent Undergraduates with English as a Second Language

n.b. This indicator is based on responses to the Cooperative Institutional Research Program's (CIRP) "Freshman Survey," which is not fielded at UMass Lowell.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Percent	n/a	n/a	n/a	n/a

Percent Undergraduates who are International

This figure represents the proportion of UMass Lowell's undergraduates who are neither a U.S. citizen nor a permanent resident. Both the number and proportion of international students has doubled in each of the last two years, comprising 2% in Fall 2012. The University hosts a large population of international graduate students, who contribute to UML's multicultural and ethnic diversity. Taken together, UML's student population included 784 international students in Fall 2012, representing approximately 5% of the overall student body.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Number	69	57	64	129	259
Percent	0.9%	0.7%	0.6%	1.1%	2.1%

Number of Undergraduates who Participated in a Study Abroad Program

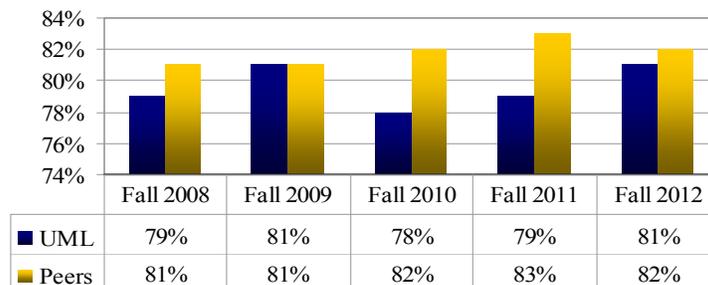
The number of students choosing to study abroad remains strong as a result of efforts to engage students in international programs.

	Fall 07- Summer 08	Fall 08- Summer 09	Fall 09- Summer 10	Fall 10- Summer 11	Fall 11- Summer 12
UML	33	74	85	138	95

The actual number of students studying abroad may actually be higher than presented here because this figure only includes those who made arrangements to study abroad through UML's Office of Study Abroad and International Experiences. Students advised elsewhere, or who made their own arrangements and returned to UML with additional earned credits, are not included in these figures.

Freshman One-Year Retention Rate

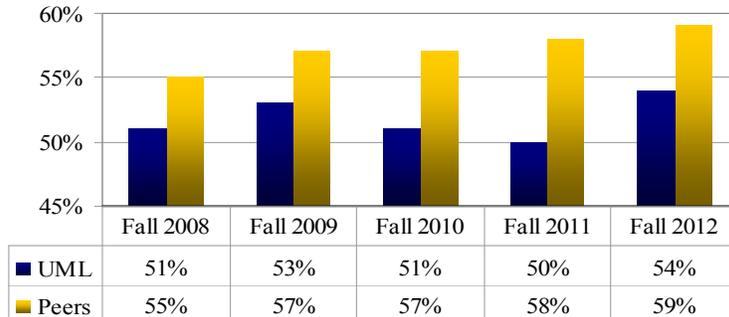
UML's freshman retention rate increased again this year, up two percentage points to 81%. It now stands just one percentage point lower than the peer group average.



Freshman Six-Year Graduation Rate

UMass Lowell's six-year graduation rate jumped four percentage points, to 54%, a rate that compares favorably to the University's historical 6-year graduation rates.

(*n.b.* The cohort reported for Fall 2012 is the Fall 2006 freshman cohort.)



Transfer (Full-Time) One-Year Retention Rate

Transfers comprised 43% of UMass Lowell's new undergraduate student pool in Fall 2012. Their one-year retention rate has remained steady since 2008, rising slightly this year to 79%.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
UML	78%	77%	77%	78%	79%

Transfer (Upper Division) Four-Year Graduation Rate

The 4-year graduation rate for upper-level transfer students increased to 70% this year. The three-year rolling average also increased, from 69% in 2011 to 71% in 2012.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Upper-Level Transfer</i>					
4-yr Graduation Rate	70%	65%	77%	65%	70%

SERVICE TO THE COMMONWEALTH

Percent Alumni Who Live in Massachusetts

Approximately two-thirds of UML alumni/ae reside in Massachusetts. This proportion has remained steady for the past five years.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Undergraduate</i>	63%	63%	63%	64%	64%
<i>Graduate</i>	35%	60%	55%	52%	54%
<i>All</i>	62%	62%	62%	62%	62%

Enrollment in STEM Programs

UMass Lowell increased the number of students participating in STEM programs again this year. The percentage of all students in STEM programs remains relatively steady, with a slight upward trend evident since Fall 2008.

Undergraduate

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Total</i>	9,712	10,548	11,260	11,729	12,287
<i>STEM</i>	3,061	3,369	3,683	4,090	4,468
<i>Percent STEM</i>	32%	32%	33%	35%	36%

Graduate

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>Total</i>	2,759	3,054	3,426	3,702	4,007
<i>STEM</i>	1,114	1,157	1,070	1,120	1,204
<i>STEM Master's</i>			700	718	758
<i>STEM Doctoral</i>			370	402	446
<i>Percent STEM</i>	40%	38%	31%	30%	30%

Grand Total STEM	4,175	4,526	4,753	5,210	5,672
Grand Total Percent STEM	33%	33%	32%	34%	35%

STEM Awards

More than one-third of UMass Lowell's degrees are consistently awarded in STEM fields, and the absolute number of degrees awarded in STEM fields continues to increase. The University's wide variety of undergraduate and graduate certificate programs serve as pathways for students into STEM careers.

(n.b. Beginning in 2009-10, graduate certificates are included in these figures.)

Undergraduate

	2007-08	2008-09	2009-10	2010-11	2011-12
<i>Total Degrees</i>	1,385	1,366	1,578	1,774	1,982
<i>STEM</i>	407	389	570	576	696
<i>Percent STEM</i>	29%	28%	36%	32%	35%

Graduate

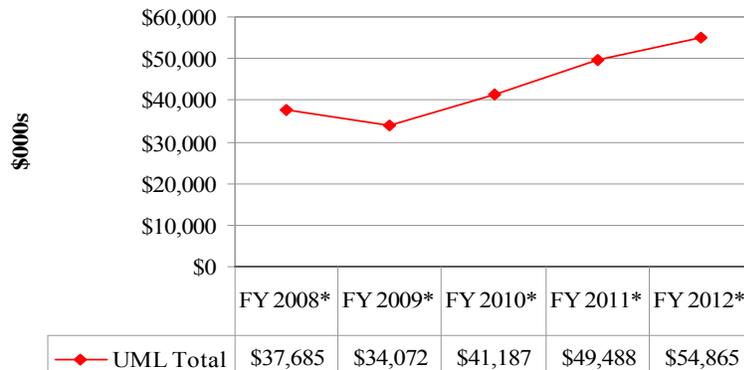
	2007-08	2008-09	2009-10	2010-11	2011-12
<i>Total Degrees</i>	580	682	962	1,027	1,222
<i>STEM</i>	250	298	330	378	366
<i>STEM Master's</i>			300	334	328
<i>STEM Doctoral</i>			30	44	38
<i>Percent STEM</i>	43%	44%	34%	37%	30%

Grand Total STEM	657	687	900	954	1,062
Grand Total Percent STEM	33%	34%	35%	34%	33%

FINANCIAL HEALTH

Total Endowment and Annual Growth in Endowment

UMass Lowell's FY2012 total endowment amount increased by over \$5M. This is the third consecutive year that has seen a jump in the size of the endowment.



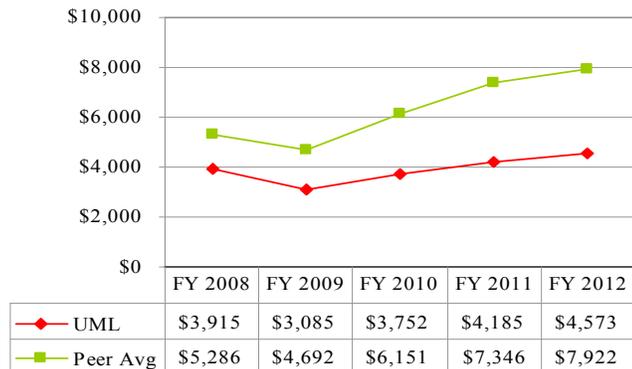
*These figures include funds from UMass Lowell's independent Alumni Association (a 501(c)3 organization) which houses additional endowed funds directed toward the benefit of students at UMass Lowell. In FY 2012 these funds totalled \$5.7M.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
Annual Growth	12%	-10%	21%	20%	11%

Endowment per Annualized Student FTE

The Endowment Per Annualized Student FTE continued to increase, reaching over \$4,500 this year. This continues a four-year trend of steadily-increasing figures.

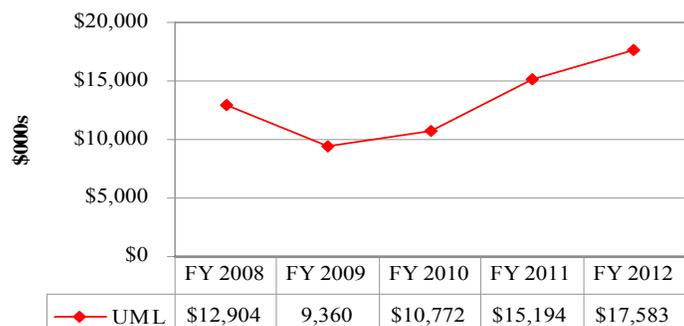
n.b.: This FTE was provided by Institutional Research.



Private Funds Raised Annually

In FY 2012, the amount of private funds raised annually by UMass Lowell increased 16% over the previous year, to \$17.6 M.

n.b. These figures represent cash and commitments.



Return on Net Assets

FY 2012 saw an 18.9% Return on Net Assets, an increase of almost three percentage points over FY 2011. UMass Lowell will continue to make strides towards improved financial health through revenue enhancement and expenditure control.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
<i>UML</i>	14.60%	13.20%	42.2%	16.2%	18.9%
<i>Peers</i>	7.50%	0.30%	8.9%	9.7%	*

* *Peer data for FY12 is not available as of 5/31/13.*

Financial Cushion

UMass Lowell's FY 2012 financial cushion, which measures available unrestricted resources, decreased from the previous year, to 21.9%. Efforts to grow revenues and control expenditures are being implemented each year to stimulate and maintain continued growth.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
<i>UML</i>	8.3%	11.9%	22.6%	26.7%	21.9%
<i>Peers</i>	17.1%	16.6%	18.2%	19.5%	*

* *Peer data for FY12 is not available as of 5/31/13.*

Debt Service to Operations

The FY12 Debt Service to Operations ratio was 4.7%, a slight (and predicted) increase over last year's ratio. We anticipate that this ratio will increase in future years. UMass Lowell continues to review our financial capacity to take on more debt against the facility needs being identified through the Master Planning effort.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
<i>UML</i>	3.9%	4.2%	4.0%	4.2%	4.7%
<i>Peers</i>	3.1%	3.2%	3.1%	3.7%	*

* *Peer data for FY12 is not available as of 5/31/13.*

Deferred Maintenance per GSF

This ratio provides a relative measure of the amount of deferred maintenance at a campus. The analysis performed in FY10 was further refined in 2012 to include additional costs of construction to address deferred maintenance. The campus continues to use data generated through the Sightlines process to benchmark and track progress.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
<i>UML</i>	\$178	\$175	\$170	\$176	\$182

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

High-school GPA of first-time freshmen. Cumulative GPA for college preparatory courses with additional weight to honors and AP courses, according to DHE admissions policy. Reported on all first-year students.

Average SAT scores of first-time freshmen. Average SAT scores of freshmen is based on the arithmetic mean. The 25th and 75th percentiles and mean SAT scores are based on combined SAT scores of all first-year students. Peer scores may differ in percentage reporting or because of the conversion from fixed ACT scores to SAT ranges. (Source: IPEDS)

Average GPA of transfer students. For admissions decisions, generally, the GPA from the last institution attended is used.

Doctoral degrees awarded. Number of doctoral degrees awarded for the 2012 academic year, which includes the August 2011, February 2012 and May 2012 award dates. These include both Research/Scholarship and Professional Practice doctorates. Peer comparison data are based on Research/Scholarship doctorates only.

Postdoctoral appointees. The number of postdoctoral appointees as reported to National Science Foundation (NSF).

Total R&D expenditures. Research and development (R&D) expenditures in all academic fields from all sources (federal, state, local governments, industry, private and institutional) as reported to NSF. Beginning FY2010, this figure includes non-S&E expenditures for all years reported.

Total R&D expenditures per tenure-system faculty. R&D expenditures in all academic fields from all sources (federal, state, local governments, industry, private and institutional) as reported to NSF, divided by total tenure-system faculty as reported to IPEDS. Peer data are from NSF/IPEDS.

Number of patent applications. Number of U.S. Patent applications filed per year. Data source: Data reported by campuses to UMass President's Office, Office of CVIP.

License income. Amount of annual income from license agreements. Data source: Data reported by campuses to UMass President's Office, Office of CVIP.

New tenured/tenure-track faculty hired. The number of new tenured/tenure-track instructional faculty members hired to start their new positions in the academic year.

Change in number of tenured/tenure-track faculty. The difference in the number of tenured/tenure-track faculty from one fall semester to the next. For the 2013 PMS report, the difference will be between the figure for Fall 2012 and Fall 2011. Faculty members who are on paid leave are included, as are the individuals holding tenure whose primary responsibility is administrative.

Change in faculty FTE. The difference in the total FTE from one fall semester to the next for all full-time and part-time instructional faculty teaching state-supported and non-state-supported courses. Includes faculty members who are on paid leave and those holding tenure whose primary responsibility is administrative. For the 2013 PMS report, the difference will be between the figure for Fall 2012 and Fall 2011.

Faculty awards. Number of faculty with awards from a list of 24 prominent grant and fellowship programs in the arts, humanities, sciences, engineering and health fields (e.g., Fulbright American Scholars, Guggenheim Fellows, MacArthur Foundation Fellow, National Endowment for the Humanities Fellows, NSF Career Awards, Sloan Research Fellows). Data report in *The Top American Research Universities*.

National Academy members. Number of faculty with active or emeritus status who have been elected to membership in the National Academy of Sciences, the National Academy of Engineering, or the Institute of Medicine. Data reported in *The Top American Research Universities*.

ACCESS AND AFFORDABILITY INDICATORS

Percent of undergraduates who receive Federal Pell Grants. Federal Pell Grants are awarded to low-income undergraduates based on their expected family contribution. Data as reported by campuses to the UMass President's Office in the Financial Aid Template.

Percentage need met for in-state students awarded need-based aid. The average percentage of financial need that is met by the institution's award of need-based aid to full-time students demonstrating need. Data as reported to the UMass President's Office in the Financial Aid Template.

Percent undergraduates from Massachusetts. A measure of accessibility, the percentage of undergraduate students who are Massachusetts residents based on tuition residency and/or permanent address (for continuing education students) at the time of their initial enrollment at UMass Lowell.

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Percent undergraduates from Massachusetts. A measure of accessibility, the percentage of undergraduate students who are Massachusetts residents based on tuition residency and/or permanent address (for continuing education students) at the time of their initial enrollment at UMass Lowell.

Private funds raised annually. Private funds include restricted and unrestricted income from individuals, foundations, corporations, and other organizations. Private grant revenues are included, while private contract revenues are excluded. Totals for each year include pledges made in that year as well as the value of in-kind contributions.

Return on net assets. Increase/decrease in net assets divided by total net assets at the beginning of the year.

Financial cushion. Expendable fund balance as a percentage of unrestricted expenditures and mandatory transfers.

Debt service to operations. Debt service as a percentage of unrestricted expenditures and mandatory transfers.

Deferred maintenance per GSF. An indicator of the physical condition of the campus's facilities. Here, the amount of deferred maintenance per gross square footage is reported.

PEER INSTITUTIONS FOR UMASS LOWELL

Georgia State University
 San Diego State University
 University of Maine (Orono)
 University of Maryland -- Baltimore County
 University of New Hampshire*
 University of Rhode Island*
 University of Wisconsin – Milwaukee
 Virginia Commonwealth University

** indicates aspirational peer*

HEADLINES FROM THE 2013 ANNUAL INDICATORS

The Worcester campus is performing well in areas key to the campus mission. The commissioning and fit-out of the Albert Sherman Center has, as expected, begun to transform the campus, demonstrating that strategic investments in campus infrastructure and facilities complement recent achievements in clinical and translational research, the launch of a new medical education curriculum, and faculty recruitment and development initiatives. Taken together, these achievements position the campus favorably, even in a time of resource constraint.

Ongoing research and faculty achievement and strong efforts in resource maximization and operational efficiencies continue to underpin execution of the strategic plan. Continuing financial pressures, including declining state support, require UMW to prioritize educational and research initiatives.

Research funding continues to be a foundation for strategic growth, although sequestration and NIH cuts are beginning to impact research support; projections for the near term include increased competition for a shrinking federal research pool. UMW faculty continue to compete favorably for funding and achievements, as evidenced by the recent award of UMW's seventh Howard Hughes Medical Institute investigator designation, to neurobiology professor Marc Freeman, PhD – one of only 27 new investigators nationwide.

- **Academic quality:** The Worcester campus continues to attract exceptionally capable students to the School of Medicine (SOM), as judged by admission test scores, residency match results, and performance on licensing exams; the class size increase to 125 students has been an exceptionally successful initiative, increasing the number of physicians in training with no impact on student quality or performance. SOM graduates continue to rank the educational experience as highly satisfactory, and interest in the SOM remains high. The Graduate School of Nursing (GSN) is capably managing its curriculum, course offerings and cross-disciplinary involvement in a changing academic and practice environment. Graduates from the Doctorate of Nursing Practice degree program, the Graduate Entry Pathway and the doctoral program are meeting important needs in areas of both practice and education for the campus and the region. The Graduate School of Biomedical Sciences (GSBS) continues to track favorably to peer institutions; student achievement is notable. The GSBS reputation, enhanced by the presence of faculty with national and international achievements continues to help attract top-quality students and faculty. A recent comprehensive accreditation visit by the New England Association of Schools and Colleges was exceptionally positive.
- The quality and reputation of the UMW faculty continues to grow. In addition to Dr. Freeman's designation as a HHMI investigator, recent accomplishments include a UMMS HIV researcher, Katherine Ruiz De Luzuriaga, being named one of TIME Magazine's "100 Most Influential" people in the world; Eduardo M. Torres, PhD, named as a Searle Scholar; and a \$1 million grant from The John Merck Fund for translational research in the lab of professor of cell and developmental biology Jeanne Lawrence.
- Research growth, productivity and faculty recruitment: Research productivity is significant across the departments, in part because of continued recruitment and investment in the clinical and translational sciences. Multidisciplinary programs in systems biology, RNA therapeutics, neurotherapeutics, clinical and translational science and outcomes research are creating new synergies for research growth and faculty recruitment.
- Crucial to the continued success of the Medical School is the ability to attract high quality students that will be able to meet the diverse cultural needs of underserved populations in the state; the five-campus baccalaureate to MD recruitment program will help the University and the Commonwealth identify additional highly qualified undergraduate candidates within the system who might otherwise pursue medical careers elsewhere. For the SOM, current applicants are extremely competitive and match or exceed class profiles of previous years. Student access and affordability can be measured and supported by the learning contract option, which in relation to tuition and fees, continues to track favorably for the current year.
- Anecdotal evidence, such as rankings in the *US News & World Report* "Best Graduate Schools" continues to reinforce the reputation of the SOM as a high quality, affordable institution: the 2014 *US News* ranking places the SOM ninth in the nation for primary care; 46th among research institutions. Performance of medical students on benchmark exams and nursing students on board certification, along with residency program match results, are good supporting indicators of quality. Implementation of the new curriculum suggests that the new learner-

centered changes will indeed be a key distinguishing element in the medical school's educational success.

UMW is no different than peer institutions in facing economic challenges that continue to force difficult decisions in support of strategic priorities. The campus is remarkably successful in mapping and achieving strategic goals and has in place a realistic plan for managing its ambitious vision for remaking life sciences education,

research, and care in the Commonwealth. As achievements and discoveries in the life sciences portend an exciting future, one where the fruits of research positively impact human lives and at a time when the need for highly-talented physicians, scientists and advanced practice nurses is projected to grow dramatically, the Worcester campus is positioned well to respond.

2013 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average Biology MCAT Scores	11
• Student Satisfaction with Educational Experience	98%
• Doctorates Awarded	185
• Post-Doctoral Appointees	325
• Total R&D Expenditures	\$256.1M
• Total R&D Expenditures Per FT Faculty	\$178,834
• Federal Research Support Per FT Faculty	\$126,761
• NIH Funding For Medical Schools	\$134.2M
• Rank in US News (Primary Care)	9
• Patent Applications per Year	39
• License Income Per Year	\$52.6M
• Licensing Income/AUTM Ranking	17
• New Tenured/Tenure-Track Faculty	13
• Change in Tenured/Tenure-Track Faculty	+3
• Change in Faculty FTE	-8
• Faculty Awards	17
• National Academy Members	5
• Howard Hughes Investigators	7

ACCESS AND AFFORDABILITY

• Tuition & Fees	\$20,662
• Tuition & Fees (Including Adjust. for Learning Contract)	\$ 15,094

STUDENT SUCCESS AND SATISFACTION

• Match Rate/ Choice of Residency	98%
• Licensure/Certification Pass Rates	
<i>USMLE Step 1</i>	98%
<i>USMLE Step 2 (CK)</i>	98%
<i>USMLE Step 2 (CS)</i>	99%
<i>GSN State Certification</i>	96%

SERVICE TO THE COMMONWEALTH

• Percent Alumni Who Live in MA	51%
• Enrollment in STEM Programs	398
• Degrees & Certificates Awarded in STEM Fields	64
• Service to State Agencies	\$332.2M

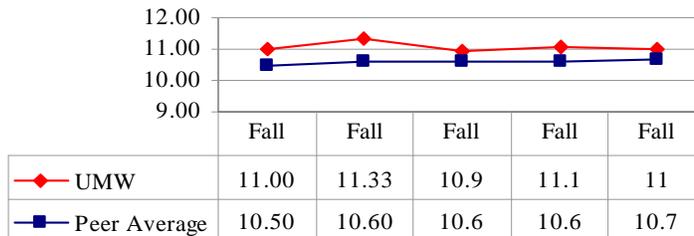
FINANCIAL HEALTH

• Total Endowment	\$144.8M
• Endowment Per Student	\$129,358
• Private Funds Raised Annually	\$28.5M
• Return on Net Assets	6.7%
• Financial Cushion	26%
• Debt Service to Operations	3.9%
• Deferred Maintenance per GSF	\$69

ACADEMIC QUALITY

Mean Biology MCAT Score

MCAT scores provide a predictor of a student's success in medical school. It is widely used in the admissions process, but never as the only principal indicator of a student's academic preparation. It is, however, an indicator that is available to compare incoming students across institutions. MCAT scores range from 1 to 15, with 15 being the highest possible score. For the past five years, the mean MCAT score for first year UMW medical students has been consistently higher than the peer average. Peer data is all AAMC Public Medical Schools.



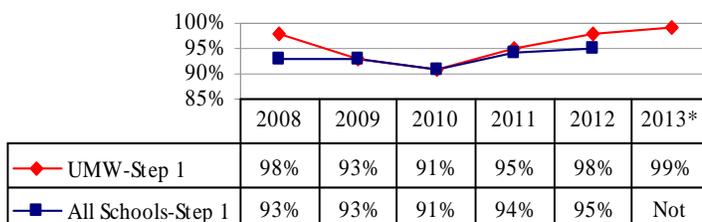
Peers Source: From AAMC Public Medical Schools Only

Pass Rates on USMLE Step 1 and Step 2 (CK, CS)

The USMLE (United States Medical Licensing Examination) is a national licensing examination for physicians and is the single path to medical licensure in the United States.

The Step One exam covers basic science information and is taken in most medical schools at the end of the second year; Step Two (CK, CS) covers clinical science information and is usually taken during the fourth year.

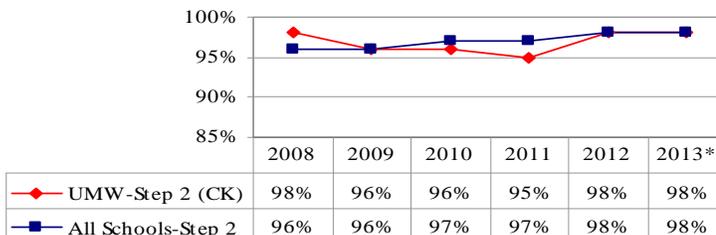
Rates reflect the level of knowledge of UMW students in comparison to students from all U.S. and Canadian medical schools. Typically, UMW pass rates are at or above national pass rates.



Source - National Board of Medical Examiners: Performance of Examinees

*1st-time test-takers (n=105) who took Step 1 between 1/1/13-5/3/13

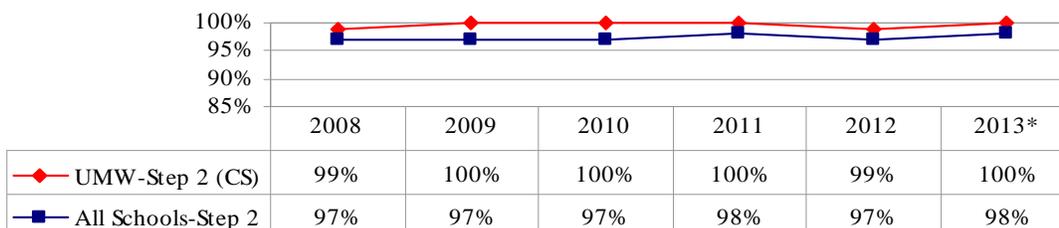
Raw data pulled on 5/23/13 from NBME website, awaiting preliminary report with UMMS and National data



Source - National Board of Medical Examiners: Performance of Examinees

*1st-time test-takers (n=91) who took Step 2 (CK) between 7/1/12-1/31/13

Data from NBME preliminary report released on 3/11/13



Source - National Board of Medical Examiners: Performance of Examinees

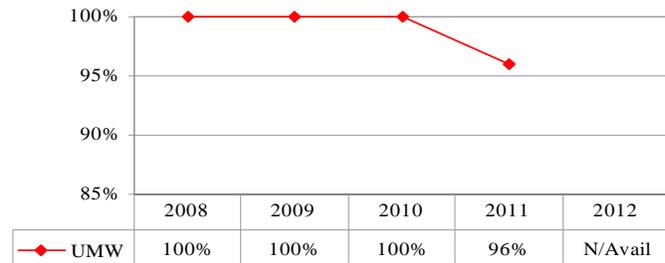
*1st-time test-takers (n=95) who took Step 2 (CS) between 6/17/12-1/26/13

Data from NBME preliminary report released on 4/11/13

Peer Comparison - All U.S. and Canadian Medical Schools, Data by Class Year

Pass Rates on Nursing Board Certification

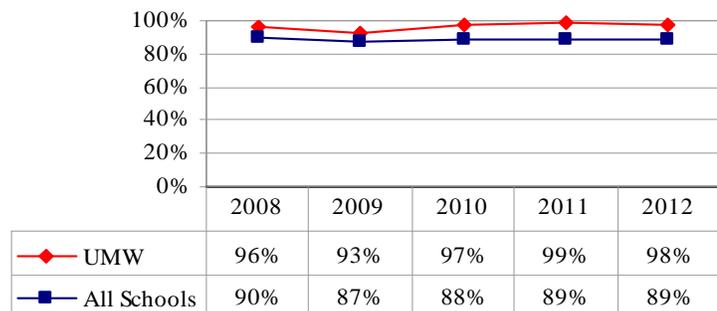
Nursing Board certification signifies advanced practice clinicians who have met requirements for clinical and functional practice in a specialized field, pursued education beyond basic preparation, and received the endorsement of their peers. After meeting these criteria, health care professionals take certification examinations based on nationally recognized standards of practice to demonstrate their knowledge, skills, and abilities within the defined specialty. All nurse practitioners who wish to practice in Massachusetts must pass the certification examination. Several other states have a similar requirement. GSN has maintained very high pass rates compared to the national average, which range from 86% - 93%.



Data by Class Year

Student Satisfaction With Educational Experience

From the *AAMC Graduation Questionnaire*, this data represents the percentage of graduating students that responded "very satisfied" with the overall quality of their medical education. The level of satisfaction can be influenced by several factors, including time devoted to instruction and preparation for residency. Measures reported compare student responses of "strongly agree and agree" from UMW to all public medical school on an annual basis. Results show UMW students continue to be much more satisfied with the quality of their education than students from other public medical schools.



Source: AAMC Graduate Questionnaire Public Schools Only, Data by Class Year

Doctoral Degrees Awarded

In 2012, 185 doctorates were awarded, including 66 research/scholarship and 119 professional practice doctorates. Enrollment and the number of PhD programs offered continues to expand. Median from 20 school peer list includes only research/scholarship (PhD) doctorates.

UMW Doctoral Degrees Awarded	2007-08	2008-09	2009-10	2010-11	2011-12
Research/Scholarship Doctorates	47	55	47	66	66
Professional Practice Doctorates	102	99	105	89	119
Total Doctoral Degrees Awarded	149	154	152	155	185

Source: IPEDS Completions

UMW Research/Scholarship Doctorates	2007-08	2008-09	2009-10	2010-11	2011-12
UMW	47	55	47	66	66
Peer Median	70	93	114	99	Not Available

Source: IPEDS Data Center

* Note: 2008-2011 Peer Median updated to better align with UMW biological/biomedical sciences and health professions & related programs.

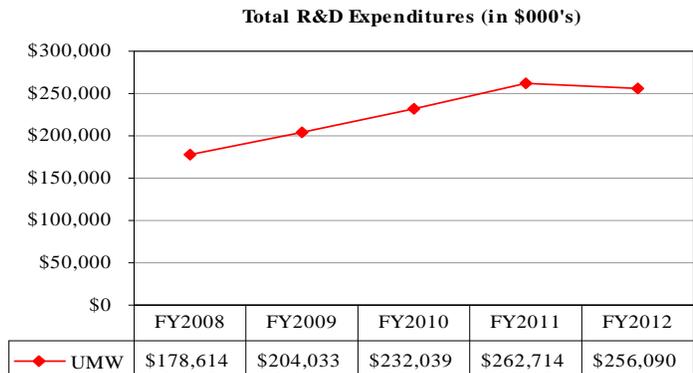
Postdoctoral Appointees

The number of post-doctoral appointees is an indicator of the size and quality of the research enterprise.

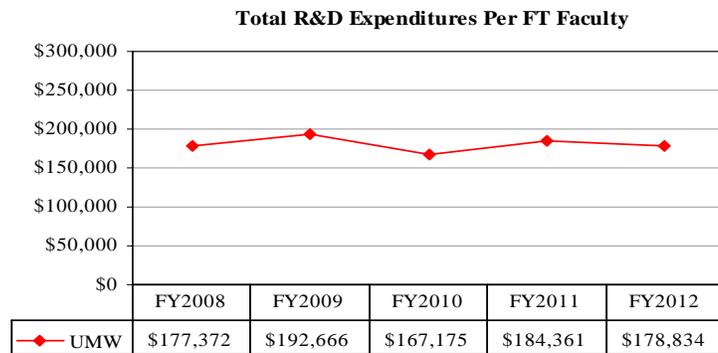
	2008	2009	2010	2011	2012
UMW	342	357	440	480	325

Total Research & Development (R&D) Expenditures

The Worcester Campus remains committed to research growth in a number of key areas, especially in the clinical and 'bench to bedside' arenas. New faculty recruitment will positively impact productivity and total research support. Peer data for medical schools separate from parent university not readily available.



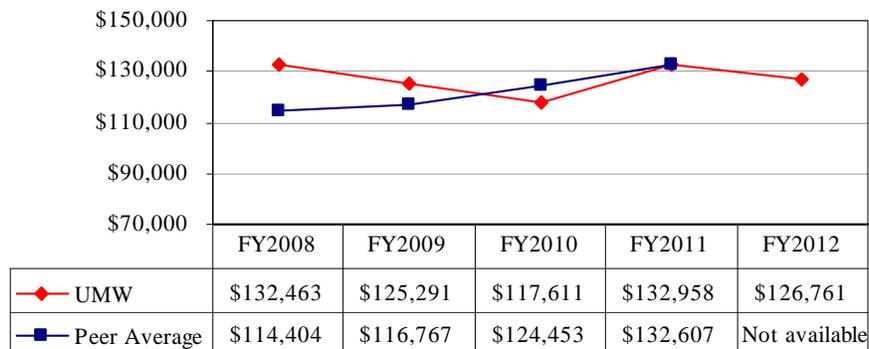
Source: NSF (R&D expenditures at all universities and colleges with a medical school, All funds)



*Note: FY08-FY10 FT faculty count updated due to change in methodology.

Federal Research Support per Full-Time Faculty

Federal Research Support per Faculty is a rough measure of faculty involvement in research. The amount of funding through federal research grants and contracts is a standard for measuring the success of a medical institution's faculty in achieving research goals. The 20-school peer average comes from AAMC Ad Hoc report.

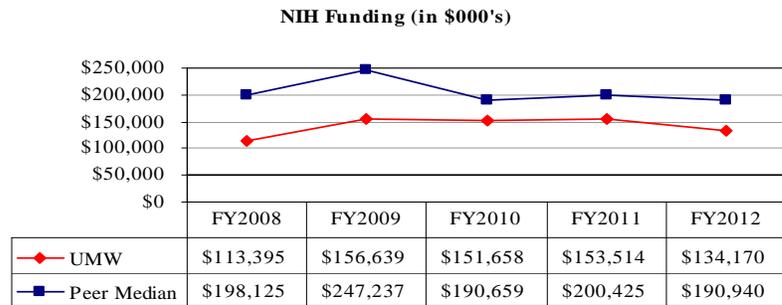


Source: AAMC Ad Hoc Report, 20 school peer list

* Note: FY08-FY10 FT faculty count updated due to change in methodology.

NIH Funding Among Medical Schools

The National Institutes of Health (NIH) awards funds on an annual basis to investigators throughout the U.S. and abroad. NIH funded research provides a benchmark to compare the level of funding for research.



Source: NIH Ad Hoc Report, 20 school peer list

* Note: FY08 - 09 peer median updated to reflect 20 school peer list.

US News Ranking

The ranking by U.S. News & World Report is based on 149 schools, comprising accredited medical schools and schools of osteopathic medicine, identifying those with a focus on primary care education. UMW is consistently ranked in the top ten percent and has held a spot near the top of the category since the magazine began its rankings in 1994.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMW	7	9	8	7	9

Number of Patent Applications

The number of patent applications filed is an indicator of an institution's inventiveness and the commercial potential of its academic work. These numbers are expected to increase in the future as our newly hired investigators begin to make their invention disclosures.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMW	58	55	64	47	39

License Income

License income is a measure of the economic value of an institution's inventiveness and contributes to the University's economic health. It is difficult to predict when or for what products or processes a license will begin to generate significant income. At UMW, there has been a steady flow of licensing revenues received from the sale of products invented.

(In \$000's)

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMW	\$35,719	\$70,791	\$38,377	\$34,821	\$52,642

AUTM Ranking/Licensing Income

This indicator reports the ranking of licensing income/technology performance as reported on the Association of University Technology Managers (AUTM) Annual Survey. Total respondents include U.S. & Canadian academic and non-profit institutions and Patent Management Firms. Measures reported reflect UMASS system ranking; however UMW represents 95% of UMASS System total licensing revenue for FY 2011. FY 2011 is the most recent data available.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMW	13	8	13	17	Not available
Total	155	149	150	181	Not available

New Tenured/Tenure-Track Faculty Hired

In FY 2012, UMW hired thirteen new tenured/tenure-track faculty as the campus continues to recruit new faculty in support of the on-going growth of the research enterprise.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMW	7	16	15	8	13

Change in Tenured/Tenure-Track Faculty

There were 3 more tenured/tenure-track faculty as of June 30, 2012 compared to June 30, 2011. UMW continues to grow its faculty in support of the on-going growth of the basic and translational research enterprises.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	1-Year Change
UMW	213	224	239	243	246	3

Change in Faculty FTE

The total FTE, both tenured/tenure track and non-tenured, is stable as of June 30, 2012, as the campus continues the support of the on-going plan to grow the clinical and research enterprises.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012	1-year Change
UMW	1420	1509	1594	1613	1605	-8

* FY08-FY11 faculty FTE updated due to change in methodology to include all 3 schools on UMW campus.

Faculty Awards

Based on most recent up-to-date data available in the Top American Research Universities, 2010 Annual Report; public and private Institutions ranked separately; Peer data for medical schools separate from parent university not readily available.

	2007	2008	2009	2010	2011
UMW	15	18	16	17	Not Available

Source: The Top American Research Universities, 2010 Annual Report.

*Note: Years are now aligned with annual report from Top American Research Universities

National Academy Members

The Top American Research Universities, 2010 Annual Report; public and private institutions ranked separately; peer data for medical schools separate from parent university not readily available.

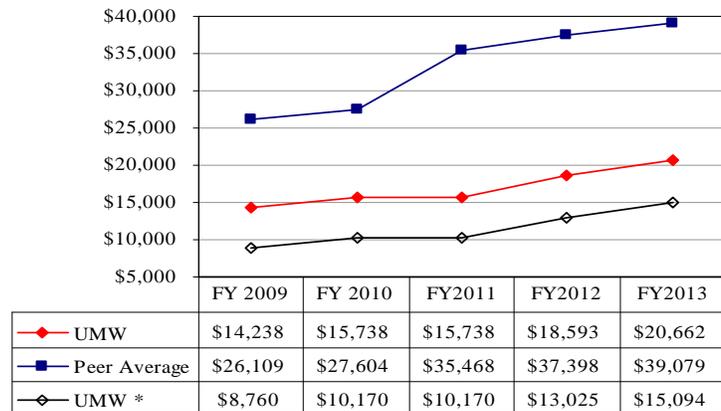
	2007	2008	2009	2010	2011
UMW	3	3	5	5	Not Available

Source: The Top American Research Universities, 2010 Annual Report.

ACCESS AND AFFORDABILITY

Tuition & Fees (includes adjustment for learning contract)

This indicator measures the annual medical school tuition and mandatory fees against peer institutions. UMW's tuition and fees continue to be significantly lower than the average for 20-school peer list. Under the learning contract, students may defer two-thirds of their tuition. The deferral is to be paid upon completion of residency, internship, or fellowship. The deferral can be repaid either by four years of service in the Commonwealth of Massachusetts in a primary care practice, other specialty practice in an underserved area of public need, or by repaying the deferred amount with interest over eight years.

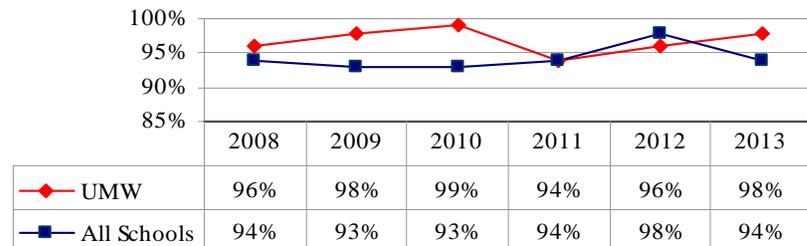


Peers Source: From AAMC, 20 school peer list

STUDENT SUCCESS AND SATISFACTION

Acceptance Rate to Choice of Residency

This indicator measures the percent of graduates who were matched to one of their choices of residency. Rates reflect the competitive strength of UMW students in comparison to students graduating from all U.S. and Canadian medical schools. UMW students have done very well in the match, consistently showing a higher percentage of graduates accepted to their residency choice. In 2013, of the students going through the NRMP, 98% were matched to their choice of residency.



Peers Source: National Resident Matching Program, All Schools

SERVICE TO THE COMMONWEALTH

Percent Alumni Who Live in Massachusetts

Fifty-one percent of UMW alumni live in Massachusetts as of Fall 2012.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Graduate	54%	55%	56%	59%	51%

Enrollment in STEM Programs

Total number of students enrolled in STEM (Science, Technology, Engineering and Mathematics) Programs at UMW that contribute to the Commonwealth's workforce in the STEM areas.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
Total Enrollment	995	1,033	1,100	1,128	1,106
STEM Enrollment	394	407	439	416	398
Percent STEM	40%	39%	40%	37%	36%

STEM Awards

Total number of students enrolled in STEM (Science, Technology, Engineering and Mathematics) Programs at UMW that have received degrees in the STEM fields.

Graduate					
	2007-08	2008-09	2009-10	2010-11	2011-12
<i>Total</i>	219	215	195	203	243
<i>STEM</i>	49	57	51	68	64
<i>Percent STEM</i>	22%	27%	26%	33%	26%

Service to State Agencies

This indicator measures the annual amount expended for state sponsored grants and contracts and the provision of public service activities to other Massachusetts state agencies. This number is significantly larger than that of peer institutions as a result of the contracts for policy analysis and programmatic development within Commonwealth Medicine. Commonwealth Medicine is a specialized organization within UMW that focuses solely on providing health care consulting services to state agencies. Peer data not available.

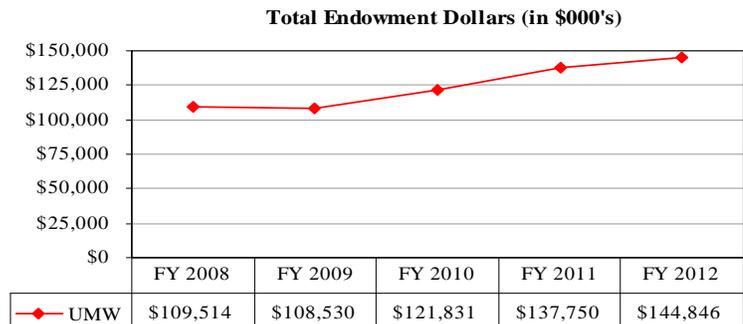
(In \$000's)

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
<i>UMW</i>	\$304,486	\$370,392	\$393,088	\$461,389	\$332,180

FINANCIAL HEALTH

Total Endowment Assets and Annual Growth in Endowment

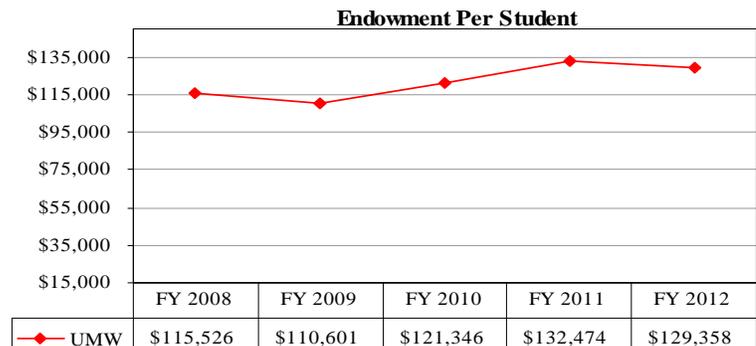
The endowment has grown significantly over the last several years as available cash has been transferred into quasi-endowment. The ratio provides a measure of the long term financial health of the institution, relative to the number of students. This indicator is not readily comparable to other UMass campuses. The size of the Medical School's research and public service programs in relation to its small student base informs the ratio. Peer data for medical schools separate from parent university not readily available.



Annual Growth in Endowment

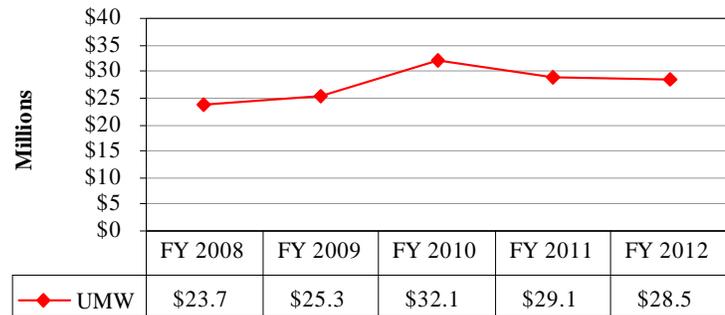
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
<i>UMW</i>	42.47%	-0.90%	12.26%	13.07%	5.15%

Source: FY 2012 BOT Advancement Report



Private Funds Raised Annually

This indicator measures the success of the institution in raising support from private sources. Strong performance in this area provides the institution with funds to support new programs, investments in infrastructure, and other activities for which funds may not otherwise be available from other funding sources. Peer data for medical schools separate from parent university not readily available.



Source: FY 2012 BOT Advancement Report

Return on Net Assets

The return on net assets provides an indication whether the institution is financially better off than the previous year by measuring the overall economic return of the campus. Return on net assets will fluctuate from year to year as the campus sets aside reserves for future use, or uses reserves for new investments in support of its mission, and should therefore be viewed over an extended period, and relative to the success in achieving the mission. Peer data for medical schools separate from parent university not readily available.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMW	4.5%	2.3%	0.5%	2.2%	6.7%

Financial Cushion

The financial cushion reflects long-term financial health of the institution and its ability to weather or "cushion" itself from short-term operations ups and downs. Peer data for medical schools separate from parent university not readily available.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMW	29.9%	22.2%	18.1%	16.7%	26.0%

Debt Service to Operations

The debt ratio measures the demand that annual commitments to creditors place on the institution's unrestricted operating funds. Peer data for medical schools separate from parent university not readily available.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMW	3.6%	3.0%	2.1%	2.7%	3.9%

Deferred Maintenance per GSF

Deferred maintenance per square foot provides a measure of the overall condition of the physical plant. It expresses the cost of the backlog of building maintenance on a per square foot basis. As buildings age and deteriorate, deferred maintenance per square foot will rise unless spending keeps pace with it.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
UMW	\$50	\$56	\$57	\$61	\$69

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

MCAT Scores. Mean biology MCAT score for new medical students. Peer data calculated from AAMC website.

Number of Doctorates Awarded. Number of Doctorates awarded for the academic year 2012 which includes September 2011, January 2012, and May 2012 award dates.

Postdoctoral Appointees. The number of postdoctoral appointees as reported to NSF.

Total R&D Expenditures. Total R&D expenditures in all academic fields, from all sources (federal, state, local governments, industry, private and institutional) as reported to NSF.

Total R&D Expenditures per Faculty. R&D expenditures from all sources (federal, state, local governments, industry, private, and institutional) and in all academic fields, as reported to NSF, divided by all full-time faculty as reported by the AAMC. Peer data not available.

Federal Research Support per Faculty. Federal research direct plus federal research facilities and administration divided by all full-time faculty as reported by the AAMC.

NIH Funding among Medical Schools. Annual amount of NIH Funding. UMW and peer data are from NIH Ad Hoc Report.

US News Ranking. U.S. News annual ranking of medical schools with special emphasis in Primary Care.

Patent Applications. Number of U.S. Patent applications filed per year. Data reported by each UMass campus to President's Office, Office of CVIP.

License Income. Amount of annual income from license agreements. Data reported by each UMass campus to President's Office, Office of CVIP.

AUTM Ranking/Licensing Income. Ranking of licensing income as reported on the Association of University Technology Managers (AUTM) Annual Licensing Survey.

Number of New Tenured/Tenured-Track Faculty. The number of new tenured/tenured-track faculty members hired to start their new positions in the academic year.

Change in Number of Tenured/Tenure-Track faculty.

The difference in the number of tenured/tenure-track faculty from one fall semester to the next. This number includes faculty members who are on paid leave and does not include individuals whose primary responsibility is administrative.

Change in Faculty FTE. The difference in the total FTE, from one fall semester to the next, for all full-time and part-time faculty. FTE is based upon standard hours per week (40). Includes faculty members who are on paid leave and does not include individuals whose primary responsibility are administrative.

Faculty Awards. Number of faculty with awards from a list of 24 prominent grant and fellowship programs in the arts, humanities, science, engineering and health fields (e.g., Fulbright American Scholars, Guggenheim Fellows, MacArthur Foundation Fellow, National Endowment for the Humanities Fellows, NSF Career Awards, Sloan Research Fellows). Data reported in The Top American Research Universities and were obtained from directories, or web-based listings.

National Academy Members. Number of faculty with active or emeritus status who have been elected to membership in the National Academy of Sciences, the National Academy of Engineering, or the Institute of Medicine. Data reported in The Top American Research Universities.

ACCESS AND AFFORDABILITY INDICATORS

Tuition and Fees. Annual tuition and mandatory fees for in-state students including adjustment for learning contracts. Peer data from AAMC.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Acceptance Rate to Choice of Residency. Percent of graduating students accepted to their choice of residency. National results provided by NRMP.

Pass Rate on USMLE. The percentage of medical students passing Step 1 and Step 2 on their first attempt. Peer data represents national results from National Board of Medical Examiners (NBME).

Pass Rate on Nursing Board Certification. The percentage of nursing graduates who passed the board certification examination on their first attempt. National results (provided by the American Nurses Association Credentialing Center) represent pass rates by nurse

practitioner graduates from all graduate nursing schools in the United States. Peer data not available.

Percent of Graduates indicating “Very Satisfied” with the quality of their medical education. The percentage of graduating medical students indicating "very satisfied" with the quality of their medical education. UMW and peer data are from AAMC Graduation Questionnaire results.

SERVICE TO THE COMMONWEALTH INDICATORS

Percent Alumni Who live in Massachusetts. The percentage of UMW alumni who live in Massachusetts.

Enrollment in Science, Technology, Engineering, and Mathematics (STEM) programs. Total number of students enrolled in STEM programs. STEM programs are those fields of study defined in the National Science & Mathematics Access to Retain Talent (SMART) Grant with the exclusion of foreign languages. Enrollment count includes undergraduate, graduate and certificate students.

Degrees Awarded in STEM fields. Total number of undergraduate and graduate degrees and certificates awarded in STEM fields. STEM fields are those defined in the National Science & Mathematics Access to Retain Talent (SMART) Grant with the exclusion of foreign languages.

Service to State Agencies. Annual amount expended for state sponsored grants and contracts and the sale of public service activities to other Massachusetts state agencies. Peer data not available.

FINANCIAL HEALTH INDICATORS

Total Endowment. UMass endowments including Foundation endowments and quasi-endowments.

Endowment per FTE Student. UMass endowments including Foundation endowments and quasi-endowments divided by FY 2012 matriculated annualized FTE.

Private Funds Raised Annually. Includes restricted and unrestricted income from individuals, foundations, corporations, and other organizations. These amounts include private grant revenues but not private contract revenues. Total for each year includes cash (not in-kind) and asset additions made in that year. Peer data is not available.

Return on Net Assets. Increase/decrease in net assets divided by total net assets at beginning of the year. Peer data is not available.

Financial Cushion. Unrestricted net assets divided by total operating expenses (including interest expense). Peer data is not available.

Debt Service to Operations. Interest payments plus principal payments divided by total operating expenses (including interest expense). Peer data is not available.

PEER INSTITUTIONS FOR UMASS WORCESTER

School Name - All Public

Arizona	South Dakota
Arkansas	South Florida
Buffalo	Southern Illinois
Cincinnati	Stony Brook
Colorado	Tennessee
East Carolina - Brody	Texas A & M
East Tennessee - Quillen	Texas Tech
Eastern Virginia	U Washington
Florida State	UC Irvine
Georgia	UC San Diego
Hawaii - Burns	UC San Francisco
Illinois	UCLA - Geffen
Kansas	UMDNJ - RW Johnson
Kentucky	UMDNJ New Jersey
LSU New Orleans	UT Galveston
LSU Shreveport	UT Houston
Louisville	UT San Antonio
MU Ohio	Utah
MU South Carolina	Vermont
Marshall - Edwards	Virginia Commonwealth
Massachusetts	West Virginia
Michigan State	Wright State - Boonshoft
Minnesota Twin Cities	Wright State
Mississippi	Alabama
Missouri Columbia	Connecticut
Missouri Kansas City	Florida
Nebraska	Indiana
Nevada	Iowa - Carver
New Mexico	Maryland
North Dakota	Michigan
Northeastern Ohio	North Carolina
Oklahoma	Ohio State
Oregon	UC Davis
Penn State	UT Southwestern
Puerto Rico	Virginia
SUNY Downstate	Wayne State
SUNY Upstate	Wisconsin
South Alabama	
South Carolina	

Selected Peer Institutions**Regional/Competitor:**

Harvard University
 Boston University
 Tufts University
 Dartmouth College
 University of Vermont
 Brown University
 State University of New York, Stonybrook
 University of Maryland

Public Aspirant:

University of Texas, SW
 University of Iowa
 University of North Carolina
 University of Alabama, Birmingham
 University of Michigan
 University of Washington
 University of California, San Francisco

Private Aspirant:

Washington University in St. Louis
 Johns Hopkins University
 Yale University
 University of Pennsylvania
 University of Pittsburgh

Clery Act Crime Statistics

UMass Amherst

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2011		Fall 2010		Fall 2009	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	21,812	12,450	21,373	12,114	20,873	12,011
GRADUATE STUDENTS	6,272	69	6,196	94	6,143	96

OFFENSE	Calendar Year		
	2011	2010	2009
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE*	13	12	8
SEX OFFENSES, NON-FORCIBLE	0	0	0
ROBBERY	1	1	1
AGGRAVATED ASSAULT	5	15	8
BURGLARY	35	59	59
MOTOR VEHICLE THEFT	1	6	4
ARSON	0	0	0
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0	0	0
LIQUOR LAW ARRESTS**	391	371	486
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	941	1853	1957
DRUG LAW ARRESTS**	32	56	27
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	27	26	31
ILLEGAL WEAPONS POSSESSION ARRESTS	5	8	8
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	0	1

Note: Total count for each category includes crimes that occurred on campus, in or on a non-campus building or property, or on public property within or immediately adjacent to and accessible from the campus.

*Forcible Sex Offenses include those reported to UMPD and those reported to other Campus agencies.

**UMPD arrests involving both drug law and liquor law violations are counted only as a drug law violation, which is the more serious offense.

Clery Act Crime Statistics

UMass Boston

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2011		Fall 2010		Fall 2009	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	11,866	0	11,568	0	11,041	0
GRADUATE STUDENTS	3,875	0	3,886	0	3,871	0

OFFENSE	Calendar Year		
	2011	2010	2009
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE*	2	2	4
SEX OFFENSES, NON-FORCIBLE	2	0	0
ROBBERY	11	7	8
AGGRAVATED ASSAULT	21	24	0
BURGLARY	12	10	32
MOTOR VEHICLE THEFT	0	7	3
ARSON	0	0	0
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	5	0	0
LIQUOR LAW ARRESTS	0	0	0
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1	0	0
DRUG LAW ARRESTS	20	0	0
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	4	4	1
ILLEGAL WEAPONS POSSESSION ARRESTS	6	1	0
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1	0	2

Note: Total count for each category includes crimes that occurred on campus, in or on a non-campus building or property, or on public property within or immediately adjacent to and accessible from the campus. UMB campus does not have residence halls.

Clery Act Crime Statistics

UMass Dartmouth

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2011		Fall 2010		Fall 2009	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	7,580	4,200	7,749	4,342	7,982	4,371
GRADUATE STUDENTS	1,645	63	1,683	53	1,320	52

OFFENSE	Calendar Year		
	2011	2010	2009
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE	2	4	4
SEX OFFENSES, NON-FORCIBLE	0	0	0
ROBBERY	2	1	1
AGGRAVATED ASSAULT	14	12	22
BURGLARY	28	22	41
MOTOR VEHICLE THEFT	2	6	0
ARSON	24	24	0
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	1	0	0
LIQUOR LAW ARRESTS	43	130	206
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	180	120	905
DRUG LAW ARRESTS	11	10	10
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	147	6	105
ILLEGAL WEAPONS POSSESSION ARRESTS	2	4	0
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	0	6

Note: Total count for each category includes crimes that occurred on campus, in or on a non-campus building or property, or on public property within or immediately adjacent to and accessible from the campus.

Note: Fall 2009 data for Number of Students living on campus have been revised since PMS 2011.

Clery Act Crime Statistics

UMass Lowell

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2011		Fall 2010		Fall 2009	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	11,729	3,113	11,260	3,034	10,548	2,931
GRADUATE STUDENTS	3,702	40	3,426	31	3,054	31

OFFENSE	Calendar Year		
	2011	2010	2009
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE	6	2	3
SEX OFFENSES, NON-FORCIBLE	0	0	0
ROBBERY	3	4	5
AGGRAVATED ASSAULT	16	8	14
BURGLARY	27	13	15
MOTOR VEHICLE THEFT	4	10	6
ARSON	0	3	3
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0	0	0
LIQUOR LAW ARRESTS	14	20	9
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	387	388	231
DRUG LAW ARRESTS	4	13	9
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	2	7	7
ILLEGAL WEAPONS POSSESSION ARRESTS	3	4	2
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	3	1	3

Note: Total count for each category includes crimes that occurred on campus, in or on a non-campus building or property, or on public property within or immediately adjacent to and accessible from the campus.

Clery Act Crime Statistics

UMass Worcester

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2011		Fall 2010		Fall 2009	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS						
GRADUATE STUDENTS	1,189	0	1,158	0	1,091	0

OFFENSE	Calendar Year		
	2011	2010	2009
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE	0	0	0
SEX OFFENSES, NON-FORCIBLE	0	0	0
ROBBERY	0	0	0
AGGRAVATED ASSAULT	0	0	0
BURGLARY	0	0	0
MOTOR VEHICLE THEFT	1	1*	0
ARSON	1	0	0
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0	0	0
LIQUOR LAW ARRESTS	1	2**	0
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	0	0
DRUG LAW ARRESTS	1	3	0
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	0	0
ILLEGAL WEAPONS POSSESSION ARRESTS	1	0	0
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	0	0

Note: Total count for each category includes crimes that occurred on campus, in or on a non-campus building or property, or on public property within or immediately adjacent to and accessible from the campus. UMW campus does not have residence halls.

* Motor vehicle with engine running taken and driven in the City of Worcester and recovered.

**Two minors in campus parking lot found in possession of alcohol, summoned to court.