



2014 REPORT ON ANNUAL INDICATORS

University Performance Measurement System

July 2014



THE UNIVERSITY OF MASSACHUSETTS

AMHERST • BOSTON • DARTMOUTH • LOWELL • WORCESTER • UMASSONLINE

July 14, 2014

Dear Friends of the University:

I am pleased to present the University of Massachusetts *2014 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."

In March 2014, the University of Massachusetts released its first annual performance measurement report that uses a rating system to assess the University's progress in achieving 21 goals across six priority areas, ranging from the experiences of its students to the impact of its research to how well it manages its finances. *UMass Performance: Accountable and On the Move* represents our commitment to convey our story of priorities and progress in a way that is accessible to citizens across the Commonwealth in the areas of:

- 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

The report can be accessed at <http://www.massachusetts.edu/umassperformance/>.

As the attached *2014 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 almost 75,000 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 spin-off companies that create jobs and fuel economic growth. Furthermore, our graduates remain in Massachusetts, entering the workforce in critical fields such as nursing, primary care medicine, computer science, the life sciences and teaching.

The University continues to strive to be accessible and affordable and our efforts in this critical area have been greatly enhanced by the vital support we have received from the Governor and the Legislature – support that has translated into a two-year, \$100 million increase in state funding for the UMass system, and two consecutive tuition-and-mandatory-fee freezes for in-state undergraduate students. Further, with continued strong performances in sponsored research funding, we as a University are holding firm to our core mission of education, research and service. As we navigate through the current environment, please 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 were added five years ago in the areas of access and diversity, research and development, and international relations.

Major highlights of the report include:

- ❖ ***UMass continues to be accessible and affordable.***
UMass tuition and fees average 15% of statewide median family income, a percent much lower than that for the state's private universities (49%) and other New England public universities (19%). In FY13, UMass spent approximately \$138 million of its own resources on financial aid, meeting 87% of Massachusetts students' estimated financial need. Since 2004, total institutional financial aid has increased by \$85 million or 160 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 its private peers in the state.
- ❖ ***UMass' research capacity continues to grow.***
In FY 2013, the system expended \$591.1 million in sponsored research, representing a one percent decrease over FY 2012 even in such challenging times. Furthermore, in 2012-13, the five campuses awarded a total of 765 doctoral degrees (a 13% increase from last year) across various disciplines, including 205 MD degrees from the UMass Medical School and 103 JD degrees from UMass Dartmouth.
- ❖ ***UMass' contribution to an educated citizenry and workforce remains high.***
UMass awarded 16,447 degrees and certificates in 2012-13, comprising 13% 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, engineering, and health (bachelor's level), natural sciences and math, and engineering (master's level) and education and business (doctoral level).
- ❖ ***Financial indicators compare favorably to peers.***
In FY 2013, the University's return on net assets was within range of peer systems, primary reserve was consistent with peers however the University was beginning to use funds for capital expenditures and other investments and debt service to operations was growing toward the 8.0% cap set by the University reflecting the aggressive and much needed capital investments being made across all of the campuses.

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

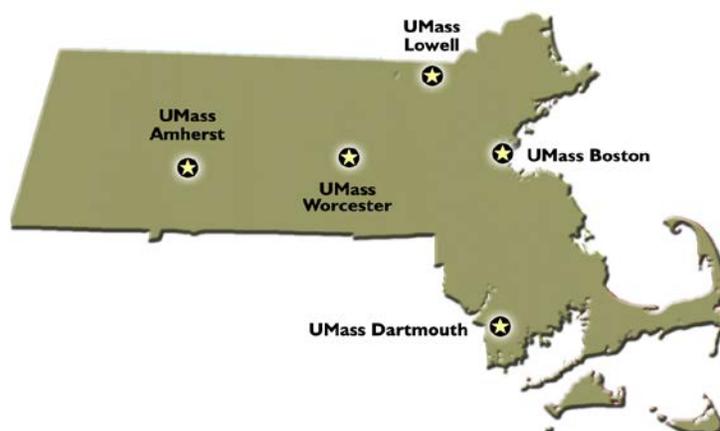
2014 REPORT ON ANNUAL INDICATORS **University Performance Measurement System**

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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 2014 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 2014 Report on Annual Indicators is the 17th 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. In March 2014, the University released its first accountability report based on these six themes. The *2014 UMass Performance: Accountable and on the Move* report can be accessed at <http://www.massachusetts.edu/umassperformance/>.

The Report on Annual Indicators tracks many indicators that are common to all campuses, but some are unique and reflect the distinct missions of each of the campuses.

This 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 2014 Annual Indicators
- 2014 Annual Indicators at a Glance
- Data Tables and Charts
- Definitions and Sources
- List of Institutional Peers

LEGISLATIVE PRIORITIES	UMASS STRATEGIC PRIORITIES	2014 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		
	ACCESS AND AFFORDABILITY	Access and Affordability	National Academy Members
			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	2014 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 2014 ANNUAL INDICATORS

ACADEMIC QUALITY

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

UMass attracts highly qualified applicants. For Fall 2013, 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 1052 to 1208. Average high school GPA rose across all campuses, ranging from 3.16-3.73.

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

In FY 2013, the system generated \$591.1 million in research expenditures, a slight decrease of -1% over FY 2012. Furthermore, in 2013, the five campuses awarded a total of 765 doctoral degrees across various disciplines. These include 457 research/scholarship doctoral degrees and 308 professional practice doctoral degrees.

❖ ***UMass Worcester is consistently ranked in the top 3% of medical schools with an emphasis in primary care.***

In the 2015 US News ranking, UMass Worcester ranked fifth among 146 medical schools with emphasis in primary care medicine.

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

In FY 2013, license income for the University totaled \$33.5 million, reflecting a 38% decline from FY 2012. Given the volatility in license income data, this decline is to be viewed with caution.

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 2012), 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 15% of statewide median family income, a percent much lower than that for the state's private universities (49%) and other New England public universities (19%).

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

Over four-fifths (82%) 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 2012-13 course enrollments for UMass Online were 59,165, a 9% increase over AY 2011-12.

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 30.2%) UMass undergraduates are Students of Color. At UMass Boston, 50% of undergraduates (more than 5,000) are students of color, making it the most diverse public university in all of New England. As a point of comparison, approximately 28.8% 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 2,239 international undergraduates students (4%) across the five campuses. The University's graduate program has a stronger international presence by comparison. International students comprise about 7% (or a total of 5,372) of the total student population - including all undergraduates, graduates, and medical students.

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

Ninety-seven percent (97%) 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 four-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 16,447 degrees and certificates in 2012-13. These include a total of 15,211 degrees (bachelors and above), that represent 13% of all baccalaureate and graduate degrees (16% of bachelors, 9% of master's degrees and 9% 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.*

Three out of five (60%) of all graduates of the University remain in the Commonwealth after graduation.

FINANCIAL HEALTH

❖ *Total Endowment at \$664.2 million.*

The market value of the University's endowment grew by 18% between FY 2012 to FY 2013. In comparison to this positive growth for UMass, there was a -2% decline in endowment over the same period for peer institutions.

❖ *Financial indicators compare favorably to peers.*

In FY 2013, the University's return on net assets, financial cushion and debt service to operations were all within the range of peer systems.

2014 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

- Research Expenditures \$591.1M
- License Income \$33.5M
- Doctoral awards 765

ACCESS AND AFFORDABILITY

- Tuition & Fees as Percent of Family Income 15%
- Percent Undergraduates from Massachusetts 82%
- Percent of all Undergraduate Freshmen enrolled in four-year institutions in MA, at UMass 27%
- Online Course Enrollments 59,165
- Annual Growth in Online Course Enrollments 9%

STUDENT SUCCESS AND SATISFACTION

- Percent Undergrads who are Students of Color 30.2%
- Percent Undergrads who are International 4%

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 16,447
- UMass Degrees as Percent of all MA Degrees 13 %
- Percent Graduates who Remain in MA 60%
- MTEL Science and Math Test-Takers 298

- Degrees Awarded in STEM Fields 3,593 (24%)
 - Undergraduate* 2,639 (24%)
 - Graduate* 954 (22%)

FINANCIAL HEALTH

- Total Endowment Assets \$664.2M
- Annual Growth in Endowment 18%
- Private Funds Raised Annually \$103.7M
- Return on Net Assets 10.3%
- Financial Cushion 28.3%
- Debt Service to Operations 6.2%
- Total Deferred Maintenance Cost \$3.61B
- Deferred Maintenance per GSF \$143

ACADEMIC QUALITY

Number of Doctoral Degrees Awarded

UMass campuses awarded a total of 765 doctoral degrees in the 2012-13 academic year, reflecting a 13% increase over the previous year. These include both research/scholarship doctorates (457) and professional practice degrees (308). The top five areas with the highest number of doctoral degrees awarded were: Health Professions and Related Sciences (220), Biological/Life Sciences (79), Education (51), Engineering (96), and Physical Sciences (54). A total of 205 MD degrees were awarded by UMMS. UMass Dartmouth awarded 103 Juris Doctor degrees in its Law program.

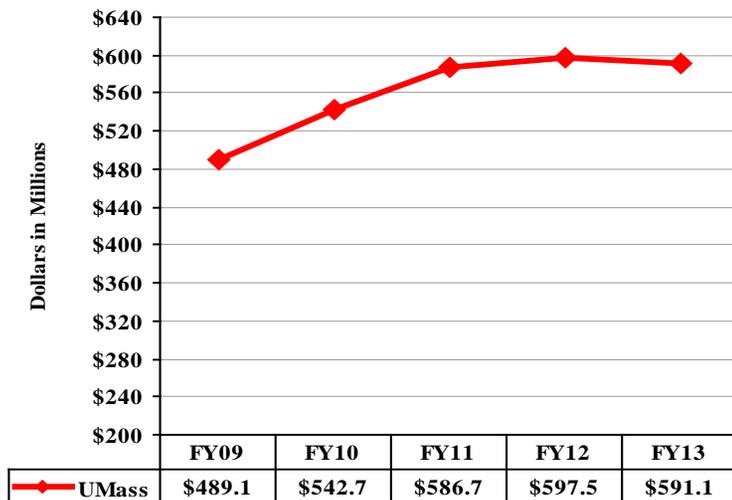
<i>UMass</i>	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>
<i>All Campuses</i>	535	552	616	678	765

Total Research & Development Expenditures

UMass Total Research and Development Expenditures decreased by one percent to \$591.1 million in FY 2013, from \$597.5 million in FY 2012.

In FY 2013, significant declines in federal funding levels impacted all institutions nationwide. At UMass, federal funding dropped from 65% to 62% of all R&D expenditures.

Despite this significant decline in federal funding, UMass's performance in R&D has continued to hold strong at close to the \$600 million mark for three consecutive years now. The millions of research dollars pouring into all five campuses is testament to the University of Massachusetts's stature as a world-class institution.



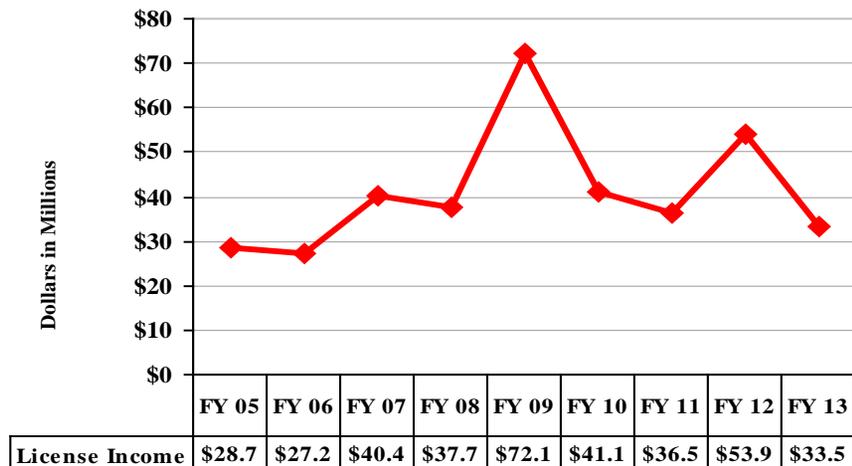
Number of Patent Applications

In FY 2012, UMass campuses submitted a total of 119 U.S. Patent applications. With the exception of FY 2012, patent applications have consistently been over one 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 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMass Total</i>	100	121	101	87	119

License Income

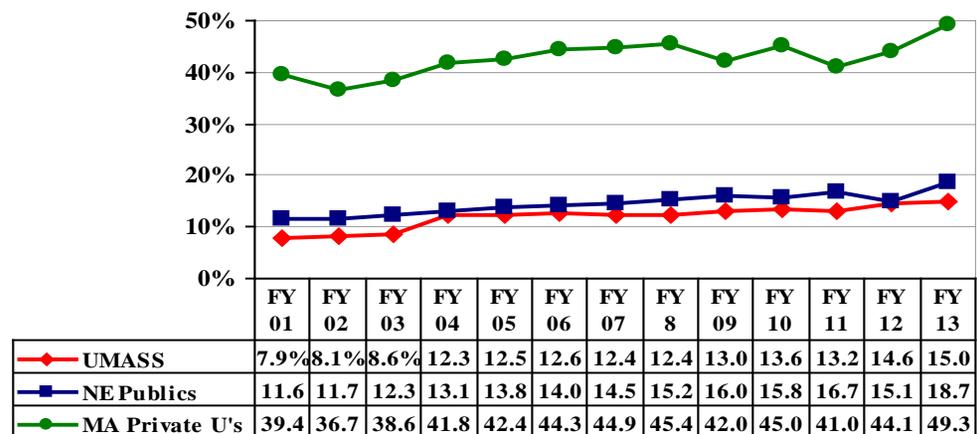
License Income is a measure of the economic value of an institution's inventiveness and a contributor to the University's economic health. License income for UMass totaled \$33.5 million in FY 2013, reflecting a 38% decline from FY 2012. It is important to note that FY 2009 represents a unique year as it includes \$30M up-front payment to UMMS from Merck & Company for the licensing of a human monoclonal antibody combination, developed at the Massachusetts Biologic Laboratories. FY 2012 saw another significant payment of \$20 million from Merck & Company. Based on most current ranking data (FY 2012) of the AUTM (Association of University Technology Managers) 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

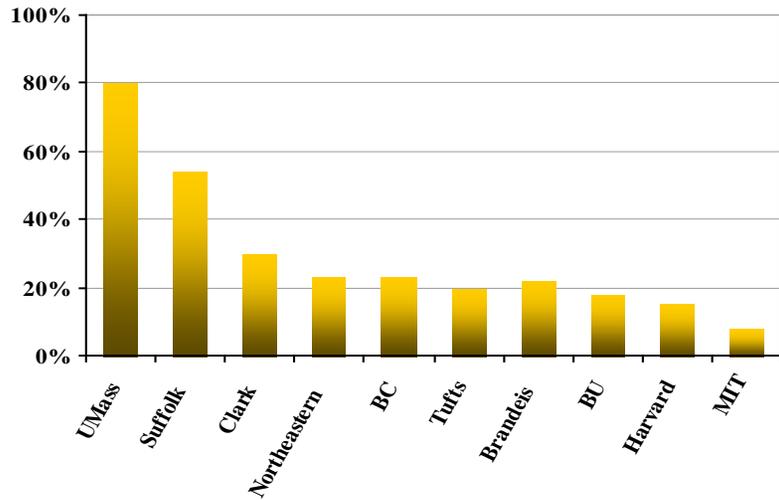
UMass average tuition and fees remain affordable relative to median family income. In FY 2013, UMass tuition and fees averaged 15% of statewide median family income, compared with an average of 49% for the state's private universities as well as an average of 19% for other New England public universities.



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 (82%) of all undergraduate students attending UMass campuses are MA residents.

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.

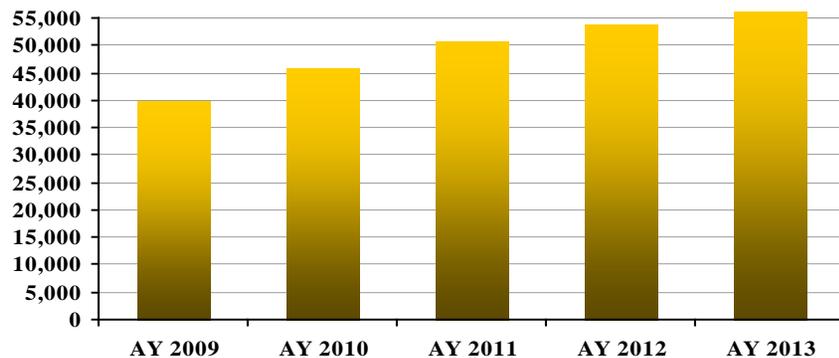


UMass	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Number	43,632	44,503	44,756	44,914	45,064
Percent	86%	86%	84%	83%	82%

Note: Data are for Fall 2012, since 2013 is not a reporting year for residency status data in IPEDS.

Rate of Growth in Online Course Enrollments

UMassOnline delivers 140 programs to diverse and geographically dispersed learners. Course enrollments in UMass Online continue to grow at a healthy rate. Last year showed a 9% increase in online course enrollments (AY 2012 - AY 2013).

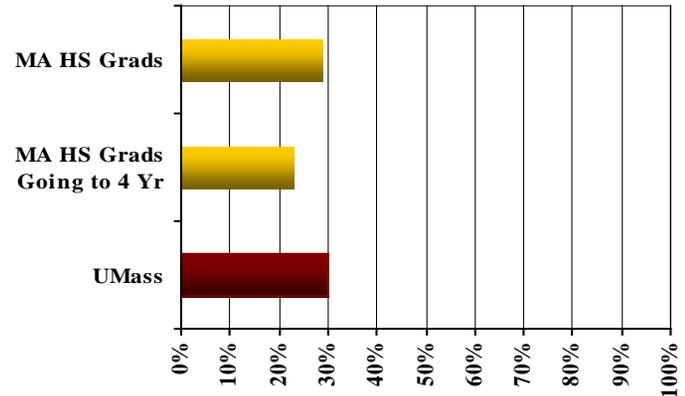


UMass	AY 2009	AY 2010	AY 2011	AY 2012	AY 2013
Online Course Enrollments	39,909	45,734	50,782	54,086	59,165
Annual Growth Rate	17%	10%	11%	7%	9%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduate Students of Color

Close to one-third (30.2%) of the University's undergraduate students are Students of Color. This exceeds the diversity of Massachusetts' public high school graduates. Students of Color comprised 28.8% of the state's population of public high school graduates. Of the Class of 2012 of high school graduates, 22.8% of those who intend to enroll in a four-year college or university were Students of Color.



Percent Undergraduates who are International

In Fall 2013, the UMass System had a total of 5,372 international students, comprising seven percent of the total student population - including all undergraduates, graduates, and medical students. Four percent of the University's undergraduate students are international students. International undergraduate students enrollment grew by 28%, from 1,746 to 2,239. The University's graduate program has a much stronger international presence by comparison, at 18% of all graduate students.

UMass	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Number	734	861	1254	1746	2239
Percent	1%	2%	2%	3%	4%

Number of Undergraduate Students that Participated in a Study Abroad Program

In 2012-13, over 1,500 UMass undergraduate students participated in a Study Abroad program. This is a 4% increase from the previous year, and a 15% increase over the past five years.

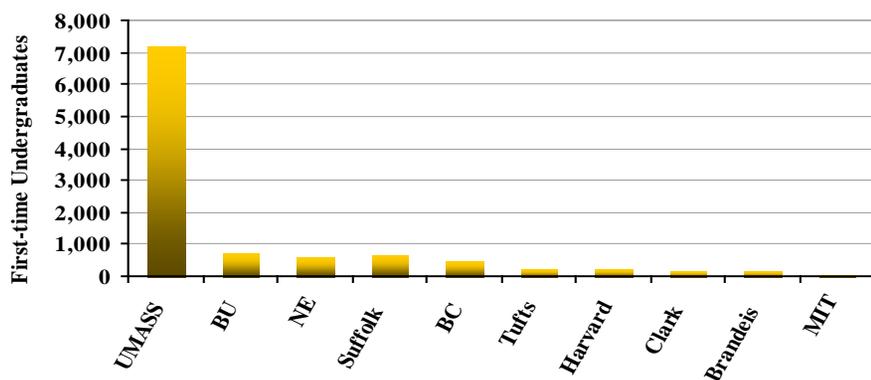
UMass	Fall 2008-Summer 2009	Fall 2009-Summer 2010	Fall 2010-Summer 2011	Fall 2011-Summer 2012	Fall 2012-Summer 2013
Number	1,352	1,322	1,480	1,488	1,549

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.

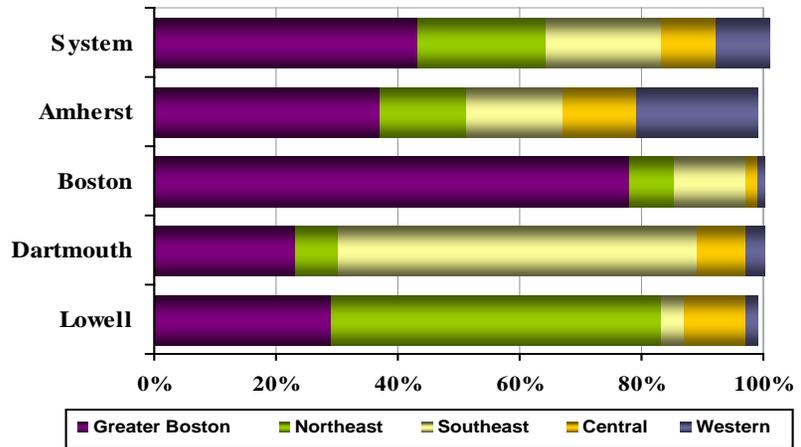
Twenty eight percent (28%) of all first-time in-state undergraduates attending any four-year institution in the Commonwealth goes to UMass.



Note: Data are for Fall 2012, since 2013 is not a reporting year for residency status data in IPEDS.

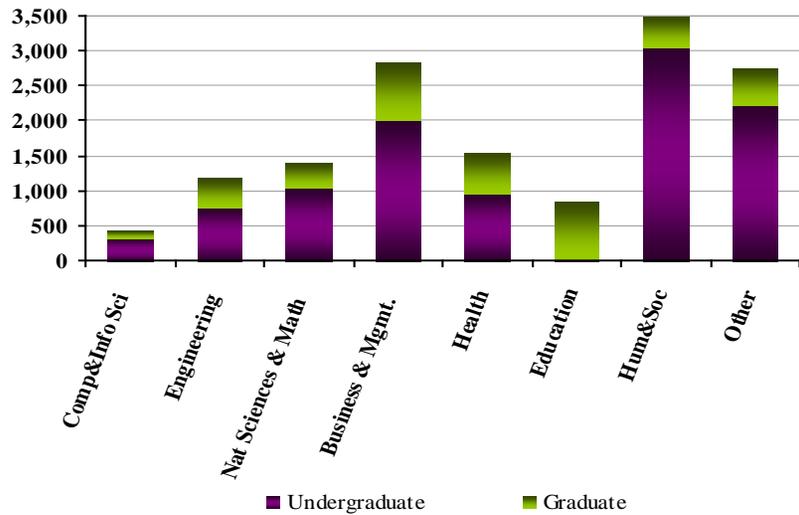
Enrollment by Region

UMass serves undergraduate students from all regions of the Commonwealth - UMass Boston drawing 78% from the Greater Boston area, Dartmouth drawing 59% from Southeastern Massachusetts, and Lowell drawing 54% from the Northeastern corner of the state. Thirty-seven percent of Amherst's undergraduate students from MA are from Greater Boston, and another 20% are from the Western area. Data are based on UMass Undergraduate students that are residents of the Commonwealth.



Awards Conferred by Field

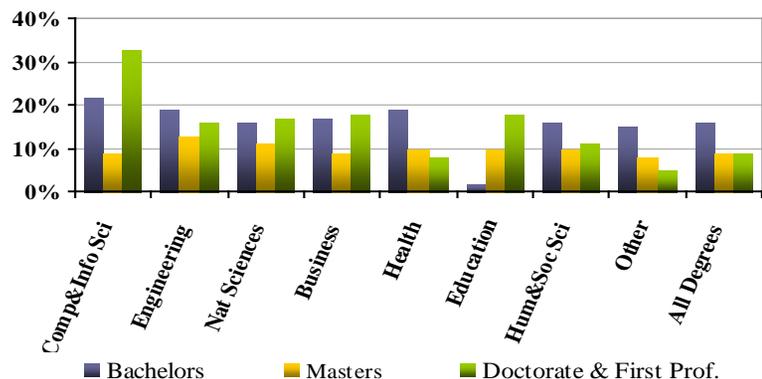
In 2012-13, 16,447 degrees and certificates were conferred by the University, reflecting a 5% increase from the previous year. Of these awards, 66% were at the undergraduate level and 26% were at the graduate level. The remaining 8% were associates degrees and undergraduate certificates. Approximately one in every eight degrees (bachelor's or higher) was in the Health Sciences and Professions for a total of 1,819. In Education, a total of 888 degrees were awarded, 97% of which were at the graduate level. Approximately one-fourth (23%) of all the awards were in the Humanities and Social Sciences. Business/Management comprised close to one-fifth (19%) of all awards. The University conferred 506 degrees (3%) in Computer and Information Sciences (bachelor's or higher), 1,226 (8%) awards in Engineering and Engineering-related Technologies, and 1,355 (9%) awards in Math and Natural Sciences.



UMass Degrees as Percent of Massachusetts Degrees

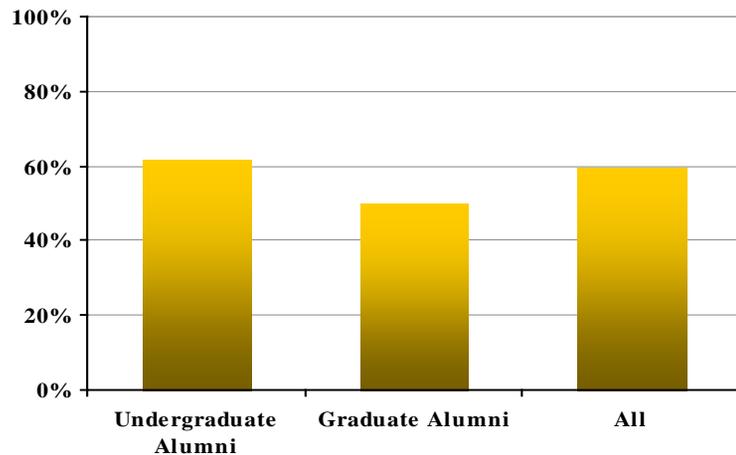
The University of Massachusetts awarded 13% of all baccalaureate and graduate degrees last year (16% of bachelors, 9% of master's degrees and 9% of doctoral and first professional degrees) in the State.

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 out of three (62%) undergraduate alumni and half (50%) of graduate alumni of the University live and work in the Commonwealth of Massachusetts. In all, 60% of UMass graduates continue to live and work in the Commonwealth.



Degrees and Certificates Awarded in STEM Fields

The upward trend in STEM enrollment has been mirrored in the number of degrees and certificates awarded over the past five years.

In 2012-2013, nearly one-fourth (24%) or 3,593 of the University's undergraduate and graduate degrees were awarded in STEM fields. Twenty-four percent (2,639) of all undergraduate degrees and 22% of all graduate degrees (954) were in STEM fields.

Increasing numbers of students are pursuing STEM certificates as well. The last five years also saw an upward trend in STEM certificates. STEM certificates grew from 7% to 11% of all certificates awarded by the UMass campuses.

Undergraduate Degrees

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>Total Degrees</i>	8,792	9,400	9,983	10,435	10,910
<i>STEM</i>	1,711	2,085	2,102	2,488	2,639
<i>Percent STEM</i>	19%	22%	21%	24%	24%

Graduate Degrees

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>Total Degrees</i>	3,523	3,657	3,954	4,142	4,303
<i>STEM</i>	852	887	914	958	954
<i>Percent STEM</i>	24%	24%	23%	23%	22%

All Degrees

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>Grand Total Degrees</i>	12,315	13,057	13,937	14,577	15,211
<i>Grand Total STEM</i>	2,563	2,972	3,016	3,446	3,593
<i>Grand Total Percent</i>	21%	23%	22%	24%	24%

Certificates

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>Total Certificates</i>	655	749	836	972	989
<i>STEM</i>	47	60	93	111	117
<i>Percent STEM</i>	7%	8%	11%	11%	12%

MTEL Science and Math Test-Takers

In 2012-13, 298 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 five years (since 2008-09) is a clear reflection of the recent successes achieved by campuses in their STEM initiatives.

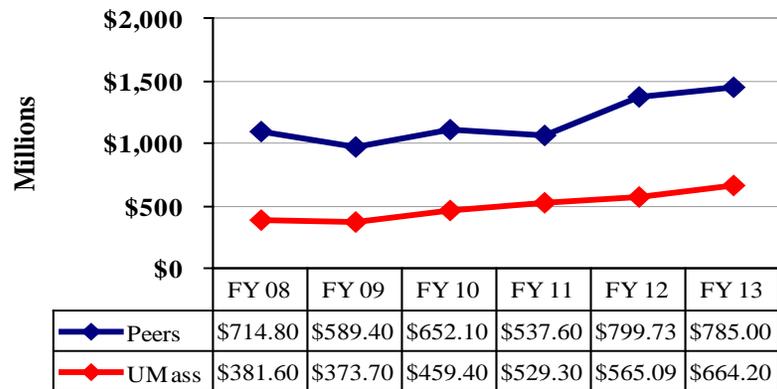
2008-09	2009-10	2010-11	2011-12	2012-13
84	154	205	205	298

FINANCIAL HEALTH

Endowment Assets

UMass's endowment grew at a rate of approximately 17.5% from FY12 to FY13 while the average for all university endowments decreased by almost -1.8% over the same period.

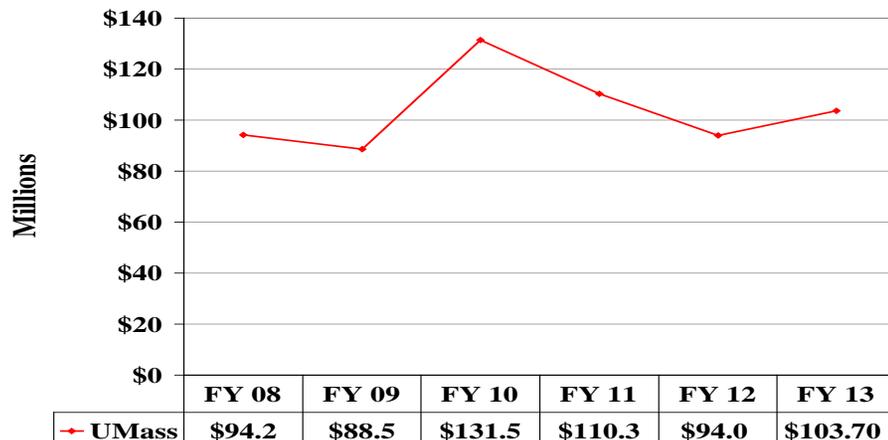
Peers do not include UCal and SUNY.



Annual Growth Rate	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMass	-2.4%	23.4%	15.2%	6.8%	17.5%
Peers	-17.5%	10.6%	-17.6%	48.8%	-1.8%

Private Funds Raised Annually

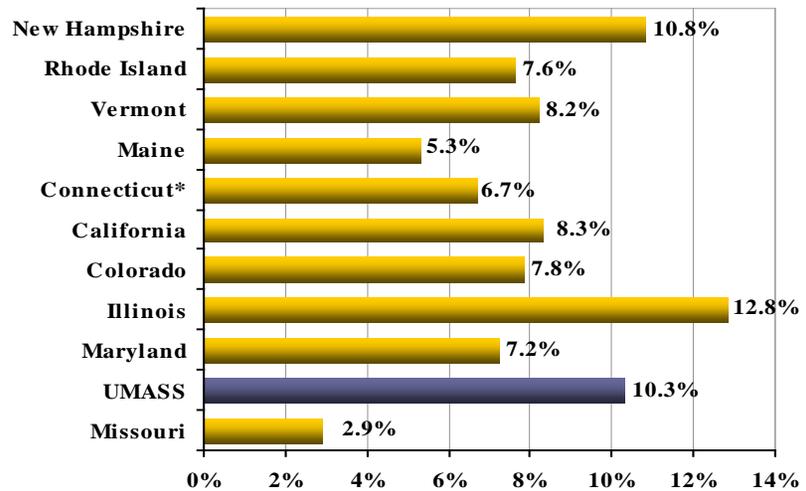
Private giving saw a robust increase in FY 2013 (10.4%) following two years of continuous decline in FY 2012 and FY 2011. The decline in these years reflects the fiscal challenges that most households are facing in these difficult economic times.



Return on Net Assets

This measure is best viewed over a longer period of time. However, it still helps to show of an institution is better off at the end of the fiscal year than at the beginning.

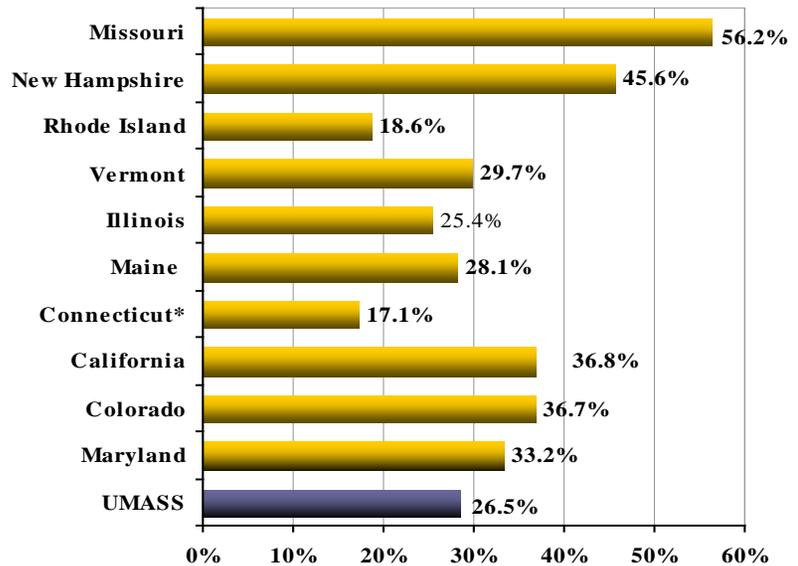
In FY 2013, the University's return on net assets was at the top of the range for peer systems.



Connecticut FY 2013 figures not yet available. FY 2012 data is listed.

Financial Cushion

Also known as the primary reserve, the financial cushion reflects the long-term financial health of an institution and its ability to weather, or "cushion" itself from, short-term operational ups and downs. This indicator compares our reserves to our annual operating expenditures plus interest payments on our debt. The cumulative effect of operations is only one part of the reserve. The unspent capital funds (that came from excess operations in prior years or the current year) are always available to be returned to the general operating fund, and therefore are also characterized as part of the reserve. The same is true for the quasi-endowment principal. The point is that unspent general operating dollars never lose their distinction of "available" no matter where we have "parked" them. State appropriations, by definition, cannot generate a surplus or a deficit. Therefore, this portion of our revenue cannot contribute to the financial cushion directly.

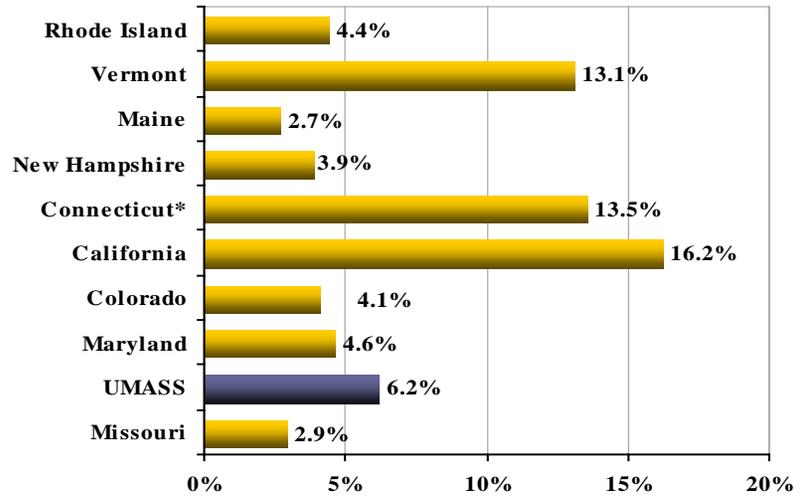


Connecticut FY 2013 figures not yet available. FY 2012 data is listed.

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.



Connecticut FY 2013 figures not yet available. FY 2012 data is listed.

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.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
<i>Total Deferred Maintenance Cost</i>	\$2.58B	3.06B	3.28B	3.38B	\$3.61B

Deferred Maintenance per GSF

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.

<i>Deferred Maintenance per GSF</i>	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
	\$123	\$132	\$138	\$135	\$143

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

Doctoral Degrees Awarded. Total number of Doctorates awarded by UMass campuses for the academic year 2012-13, which includes September 2012, January 2013, and May 2013 award dates. The data includes both research/scholarship and first-professional doctoral degrees.

Research Expenditures. FY 2013 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 2013) 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 2013 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 2012-13 represents Fall 2012, Winter 2013, Spring 2013, and Summer 2013 enrollments. Data are for fully online (100%) and blended courses. Source: *UMassOnline*.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percentage of Undergraduate Students of Color. Fall 2013 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 2013 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 the Fall 2012 IPEDS Enrollment student residency table since Fall 2013 is an optional year for reporting residency data.

Enrollment by Region. In-state undergraduate enrollment by region for Fall 2013. Data are from the DHE.

Degrees Conferred by Field. 2012-13 degrees conferred by UMass campuses by field. IPEDS 2012-13 Completions data.

UMass Degrees as Percent of all Massachusetts Degrees. Degrees awarded by UMass as percent of total degrees awarded by colleges and universities in the state in 2012-13 based on IPEDS Completions data.

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 2013.

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 in 2012-13. Data compiled from the campuses' MTEL Annual Institution reports.

Degrees and Certificates 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.

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 2014 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 62 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. 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 3.60 in 2009 to 3.73 in 2013. Virtually all (99%) students entered UMA with a high school GPA of 3.0 and above. Average SAT scores improved by 39 points over the five-year period (and continue to rise), 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 2011 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. Results of the Spring 2014 administration will be available in Fall 2014.

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 increased by 10%, and per faculty expenditures increased by 1% in the past five years. The recent decreases are primarily reflective of Federal and State budget restrictions as well as the expiration of most American Recovery and Reinvestment Act (ARRA) grants.

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 four years. The number of National Academy members has remained fairly stable, but below the peer median. Academic Analytics, another source of awards data, defines awards more broadly, shows a steady increase in prestigious awards received by UMA faculty, 337 in FY 2013.

In recent years, the campus invested in tenure-system faculty, and the number of faculty has exceeded 1,000 in the past two years. 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 2012-13 academic year, the neediest full-time, in-state students enrolled at UMA (28%) received aid in the form of Pell grants. Eighty-four 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-nine percent of students return for their sophomore year, 73% 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 campus has also evidenced a spike in the four-year graduation rate which has increased from 52% for the Fall 2005 cohort to 66% for the Fall 2009 cohort. 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 **Residential First-Year Experience (RFYE)**, designed to help student successfully transition into the academic, social and personal demands of college; **Sophomore Living Learning Communities** centered on specialized academic focus areas, **UMatter at UMass**, an initiative intended to increase students' connection to campus by affirming the values the university set in motion 150 years ago: care, compassion and active engagement. Expanded research and scholarship opportunities are also available 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. A high priority for the campus is to improve undergraduate retention and graduation rates. The University is partnering with the Education Advisory Board (EAB) a best-practices research and consulting firm. EAB has developed the Student Success Collaborative as a means of contributing to the improvement of institutional understanding and practices regarding student success. As a part of the Collaborative, we have access to the predictive analytics advising platform, best practice research studies and collaborative members that will enhance our ability to understand and improve student advising, retention and degree completion. The project is being piloted in selected programs and will be fully implemented in 2014-15.

The campus has made progress in increasing the diversity of the campus. The Fall 2013 entering class was one of the most diverse groups of students in recent history (23% ALANA); Almost 22% of Fall 2013 enrolled undergraduates were students of color. Many will be the first in their families to complete the baccalaureate. The campus will continue to attract a diverse student body and 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 2013, one-third 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 programs. The STEM Diversity Institute (SDI), established in 2012 at the University of Massachusetts Amherst facilitates the diversification of the science, technology, engineering, and mathematics (STEM) workforce. SDI activities serve undergraduate students, graduate students, postdoctoral fellows, and faculty.

These investments will continue.

FINANCIAL HEALTH

The financial indicators of the Amherst campus demonstrate a commitment to prudent use and investment of state appropriation, student tuition and fees and other income streams. The campus continues to support the academic enterprise by increasing growth in net revenues from graduate students, increasing summer and continuing and professional education revenue, attracting more donor support and increasing out-of-state enrollment. All of these initiatives, along with better retention of students, provide alternative revenue streams allowing the campus to reduce the need for student fee increases. Investment in capital infrastructure, faculty growth and student success initiatives remain cornerstones of the campus strategic plan. The Strategic plan identifies three overarching themes: 1) establish the campus as a "destination of choice" for the best and brightest students; 2) establish the campus as an "investment of choice" with a broad range of stakeholders vital to the campus; 3) mobilize resources to achieve these goals. The campus is currently engaged in implementing specific action plans emanating from these themes. Continued state support for general operations and capital remains critical to achieve these goals and to remain financially healthy.

The campus announced the launch of UMass Rising, a comprehensive fundraising campaign with a goal of \$300 million in 2013. The campaign is designed to enhance excellence and contribute to the long-term sustainability of the campus. Now, in its second year \$251.7 million has been raised (as of June 7, 2014). Gifts to the campaign will provide resources in five key areas supporting 1) talented students, 2) first-class faculty, 3) research and technology initiatives, 4) building and infrastructure, and 5) the Annual Fund.

2014 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of Freshmen	3.73
• Average SAT Scores of Freshmen	
<i>Arithmetic Mean</i>	1208
<i>25th – 75th Percentile</i>	1120 – 1290
• Average GPA of Entering Transfer Students	3.32
• Student Satisfaction with Educational Experience	87%
• No. of Doctoral Degrees Awarded	334
• No. of Postdoctoral Appointees	166
• Total R&D Expenditures	\$190.7M
• Federal R&D Expenditures	\$111.4M
• Total R&D/per Tenure-track Faculty	\$163,239
• Patent Applications	32
• License Income	\$1.2M
• New Tenured/Tenure-Track Faculty Hired	59
• Change in Tenured/Tenure-Track Faculty	+17
• Change in Faculty FTE	+26
• Faculty Awards	8
• National Academy Members	8

ACCESS AND AFFORDABILITY

• % In-State Pell Grant Recipients	28%
• % of Need Met for In-State Students Awarded	
Need-Based Aid	84%
• % Undergraduates from Massachusetts	77%
• Online Course Enrollments	19,569
• Annual Growth in Online Course Enrollments	8%

STUDENT SUCCESS AND SATISFACTION

• % Undergraduates who are Students of Color	22%
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• % Undergraduates who are First Generation in College	25%
• % Undergraduates with English as a Second Language	12%
• % Undergraduates who are International	2%
• Number Undergraduates who Participated in a Study Abroad Program	1,105
• Freshman One-Year Retention Rate	89%
• Freshman Six-Year Graduation Rate	73%
• 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	54%
• Enrollment in STEM Programs	8,798 (32%)
<i>Undergraduate</i>	7,049 (33%)
<i>Graduate</i>	1,749 (30%)
• Degrees Awarded in STEM Fields	1,853 (26%)
<i>Undergraduate</i>	1,405 (26%)
<i>Graduate</i>	448 (26%)
• MTEL Science and Math Test-Takers	33

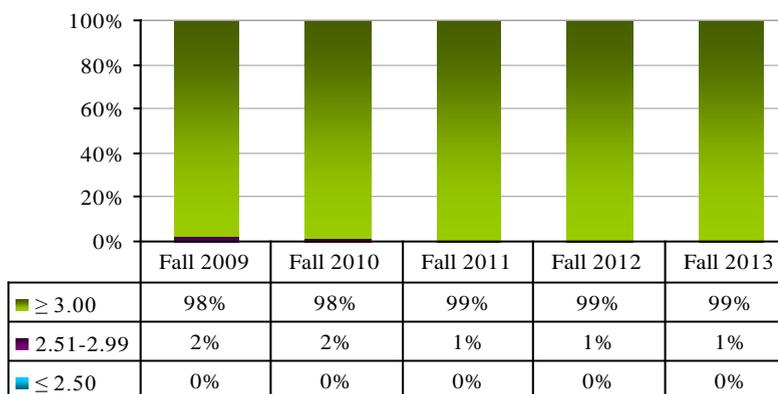
FINANCIAL HEALTH

• Total Endowment	\$272.1M
• Annual Growth in Endowment	18%
• Endowment Per Annualized Student FTE	\$9,951
• Private Funds Raised Annually	\$47.3M
• Return on Net Assets	10.2%
• Financial Cushion	26.7%
• Debt Ratio	6.1%
• Deferred Maintenance per GSF	\$151

ACADEMIC QUALITY

High School GPA of Freshmen

UMass Amherst entering first-year students are strong academically with an average high school GPA of 3.73. The Fall 2013 entering class was at a historical high with 99% of students earning a GPA of 3.0 and above. This was the seventh consecutive year of increases. There were 4,621 students in the Fall 2013 entering class.



	2009	2010	2011	2012	2013
Average	3.60	3.61	3.64	3.66	3.73

Average SAT Scores of Freshmen

First-year students entered UMA with a mean SAT of 1208, posting an increase of 39 points over the five-year period. This is another historical high for the campus. SAT scores have improved by 10 points at the 75th percentile and 60 points at the 25th percentile since Fall 2009. The campus is above the Fall 2012 median of the peer group at the 25th percentile, but still lags the peers at the 75th.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
75th Percentile	1280	1250	1270	1280	1290
25th Percentile	1060	1080	1100	1110	1120
Peer Median					
75th Percentile	1295	1305	1310	1305	NA
25th Percentile	1065	1075	1085	1075	NA
UMA Rank					
75th Percentile	8	10	8	8	NA
25th Percentile	6	8	5	4	NA

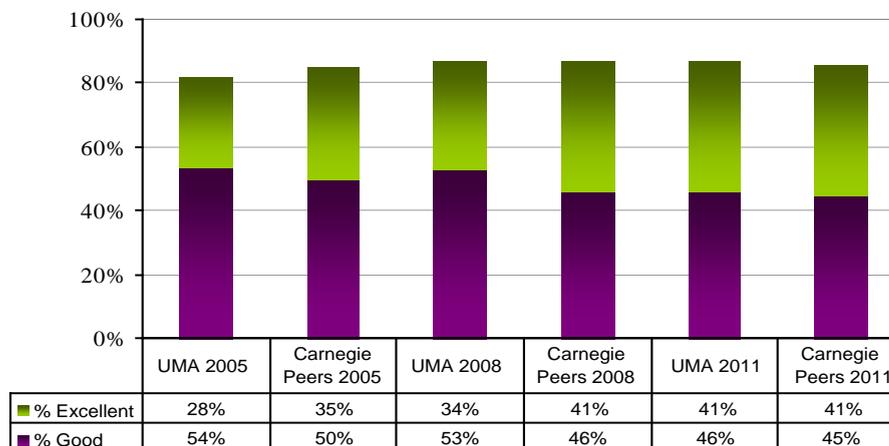
Average GPA of Entering Transfer Students

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

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
UMA	3.23	3.25	3.29	3.27	3.32

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. Results of the Spring 2014 administration will be available in Fall 2014.



Doctoral Degrees Awarded

The number of doctorates awarded at UMA, both research scholarship and professional practice degrees, increased in 2012-13. Professional Practice doctorates have increased since the campus began reporting this award. In contrast, the number of research/scholarship degrees at peer institutions decreased in 2011-12. UMA remains below the peer median on this measure.

<i>UMA Doctoral Degrees Awarded</i>	2008-09	2009-10	2010-11	2011-12	2012-13
<i>Research/Scholarship Doctorates</i>	255	259	258	268	295
<i>Professional Practice Doctorates</i>	-	22	24	37	39
Total Doctoral Degrees Awarded	255	281	282	305	334

<i>Research/Scholarship Doctorates</i>	2008-09	2009-10	2010-11	2011-12	2012-13
<i>UMA</i>	255	259	258	268	295
<i>Peer Median</i>	329	301	359	345	NA
<i>Rank</i>	9	9	9	8	NA

Postdoctoral Appointees

UMass Amherst senior faculty mentor recent PhDs with science and engineering degrees. The number of post-doctoral scholars dropped in the past few years, and is leveling off. 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.

	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
<i>UMA</i>	224	209	215	209	165	166
<i>Peer Median</i>	160	167	196	177	NA	NA
<i>Rank</i>	4	5	6	5	NA	NA

Total Research & Development (R&D) Expenditures

Total R&D spending for the campus in FY 2013 was about \$191 million, of which over \$172 million was in science and engineering (S&E). S&E spending has increased 10% in total dollars and 38% in federal dollars since FY 2009. The rate of growth from FY 2009-11 for the campus exceeded that of peer institutions. S&E expenditures were over three-fourths of the median of the peer group in FY 2011. The recent decrease in expenditures is primarily reflective of Federal and State budget restrictions as well as the expiration of most American Recovery and Reinvestment Act (ARRA) grants.



<i>Total R&D Expenditures (\$000's)</i>	2009	2010	2011	2012	2013
<i>S&E UMA</i>	\$156,216	\$164,854	\$176,545	\$178,207	\$172,217
<i>S&E Peer Median</i>	\$220,020	\$209,899	\$232,565	NA	NA
<i>Rank</i>	8	7	8	NA	NA

<i>Federal R&D Expenditures (\$000's)</i>	2009	2010	2011	2012	2013
<i>UMA</i>	\$80,950	\$97,937	\$107,683	\$115,280	\$111,448
<i>S&E UMA</i>	\$80,163	\$88,860	\$101,940	\$106,470	\$103,233
<i>S&E Peer Median</i>	\$96,483	\$114,136	\$128,714	NA	NA
<i>Rank</i>	9	9	9	NA	NA

Total R&D Expenditures per Tenure System Faculty

The Total R&D Expenditures dollars per faculty increased by 1% between FY 2009 and FY 2013. Federal dollars per faculty increased by 21% during the same period.

<i>Total R&D Per Tenure System Faculty</i>	2009	2010	2011	2012	2013
<i>Total</i>	\$161,149	\$168,805	\$173,253	\$172,681	\$163,239
<i>Federal</i>	\$81,194	\$89,235	\$105,675	\$103,169	\$97,851

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 2009	FY 2010	FY 2011	FY 2012	FY 2013
<i>UMA</i>	27	28	29	26	32

License Income

License income received in FY 2013 increased from the previous year by about one-fourth (\$250,000). Additionally, the campus received over \$330,000 in sponsored research support from its licensees and optionees. (Note: FY 2010 licensing income included a large one-time payment for a paid-up license.)

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
<i>UMA</i>	\$861,496	\$2,353,519	\$513,500	\$952,738	\$1,200,000

New Tenured/Tenure-Track Faculty Hired

The campus has made significant investments in tenure system faculty hires in recent years. There were 59 such hires in FY 2013. The campus remains committed to supporting the strongest faculty possible and increasing the number of tenure-system faculty.

	AY 2009-10	AY 2010-11	AY 2011-12	AY 2012-13	AY 2013-14
<i>UMA</i>	40	33	57	56	59

Change in Tenured/Tenure-Track Faculty

Fall 2013 saw a small one-year increase in the tenure-system faculty, and an increase of 54 since Fall 2009. This was the second year 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 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	<i>1-year Change</i>
<i>UMA</i>	972	978	993	1,009	1,026	17

Change in Faculty FTE

Faculty full-time equivalent (both full and part-time) showed a one-year increase of 26 and has grown by 92 since Fall 2009. About three-fifths of the growth has been accounted for by tenure system faculty.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	<i>1-year Change</i>
<i>UMA</i>	1,254	1,264	1,300	1,320	1,346	26

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 increased slightly in 2012, but the UMA rank remains near the bottom of the peer group. Another source, Academic Analytics, which defines awards more broadly shows that numbers have increased steadily from 272 in FY 2010 to 337 in FY 2013.

	2008	2009	2010	2011	2012
<i>UMA</i>	14	12	8	6	8
<i>Peer Median</i>	11	14	13	11	11
<i>Rank</i>	3	6	8	8	9

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 declined by one in 2012. The campus ranks below its peers on this measure. The absence of a medical school limits the ability of UMA faculty to be elected to the IOM.

	2008	2009	2010	2011	2012
<i>UMA</i>	9	9	9	9	8
<i>Peer Median</i>	10	11	11	11	12
<i>Rank</i>	7	7	7	7	8

ACCESS AND AFFORDABILITY

Percent (In-State) Pell Grant Recipients

The proportion of full-time, in-state students receiving Pell Grants dipped in Fall 2012 to 28%. The campus has significantly increased its need-based institutional grant aid to support students from families with the lowest income. This rate is competitive with other flagship campuses.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>UMA</i>	23%	28%	31%	31%	28%

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.

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>UMA</i>	90%	91%	87%	86%	84%

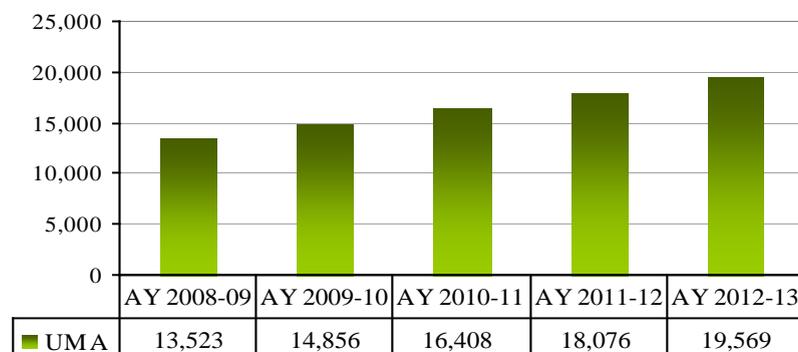
Percent Undergraduates from Massachusetts

The campus is committed to maintaining access to a quality education for residents of the Commonwealth. Over three-fourths of UMass Amherst students enrolled in state-supported programs are residents of the state. The percent has declined in recent years as the campus strives to increase enrollment of out-of-state and international students.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Number</i>	15,953	16,046	16,211	16,090	15,999
<i>Percent</i>	81%	80%	79%	78%	77%

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 8% in the most recent year, and 45% since AY 2008-09.



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 2008-09	AY 2009-10	AY 2010-11	AY 2011-12	AY 2012-13
UMA	21%	10%	10%	10%	8%

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 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Number	3,607	3,924	3,943	3,960	4,117
Percent	20.1%	20.9%	20.9%	21.0%	21.9%

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 according to information reported on the Common Application.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Percent	27%	27%	29%	27%	25%

Percent Undergraduates with English as a Second Language

English is not the first language of about 12% of first-year students entering UMass Amherst. This is another indicator of the diversity of the campus.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Percent	9%	9%	10%	10%	12%

Percent Undergraduate Students who are International

The Amherst campus attracts a small number of undergraduate international students, some of whom are studying on the campus as part of an international exchange program. The numbers have increased two-fold since Fall 2009 as the campus has increased its recruitment of international students. In contrast, almost one-fourth (1,536) of graduate students are international.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Number	262	304	378	421	537
Percent	1%	1%	2%	2%	2%

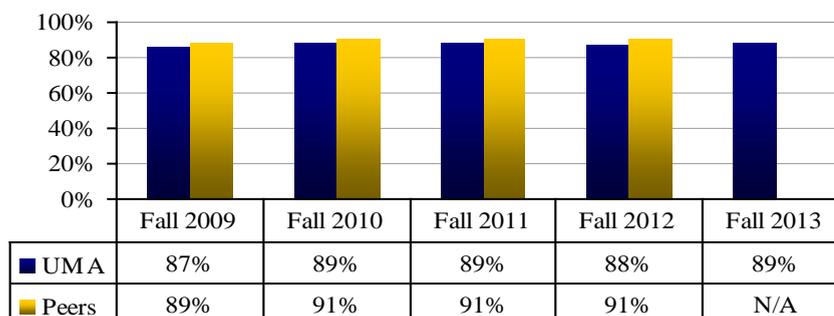
Number Undergraduates who Participated in a Study Abroad Program

About 1,100 UMass undergraduates participated in a study abroad experience during the 2012-13 academic year. The campus encourages students to take advantage of these enriching global learning opportunities.

	Fall 2008-Summer 09	Fall 2009-Summer 10	Fall 2010-Summer 11	Fall 2011-Summer 12	Fall 2012-Summer 13
UMA	1,031	1,002	1,117	1,044	1,105

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 in Fall 2012 did not change. New strategies are being developed and implemented to improve the first-year experience and hence student retention. There were 4,592 entering full-time students in Fall 2012.

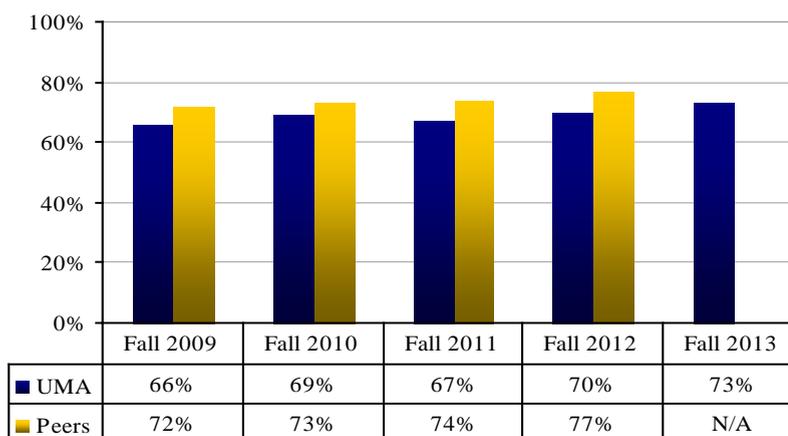


	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
UMA Rank	8	7	7	7	N/A

Freshman Six-Year Graduation Rate

Seventy-three percent of full-time Amherst campus students graduate within six years of entrance, and another 10% receive their degree from another institution. This is the second consecutive year in which the rate has exceeded 70% since the campus began tracking graduation rates beginning with the Fall 1984 entering cohort (64%). The 2013 rate remains below the peer median; but improvements in the four-year graduation rates (66% for the 2009 cohort) suggest that the 6-year rates will continue to improve. Numbers reflect rates for the Fall 2003-Fall 2007 entering cohorts.

The campus is implementing a Student Success Collaborative in partnership with the Educational Advisory Board. This is a predictive analytics advising platform that will enhance our ability to understand and improve student advising, retention and degree completion.



	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
UMA Rank	11	8	9	8	N/A

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 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
UMA	85%	86%	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 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
UMA	74%	73%	74%	74%	74%

SERVICE TO THE COMMONWEALTH

Percent Alumni Who Live in Massachusetts

Over half of the 198,000 undergraduate students who earned a degree from UMA, and about two-fifths of the 51,600 recipients of the master's and doctorate degrees reside in Massachusetts. This proportion increased in Fall 2013, but it is too soon to determine if this is an upward trend.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Undergraduate	55%	56%	56%	54%	57%
Graduate	41%	41%	41%	39%	41%
All	52%	53%	53%	51%	54%

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, 33% of undergraduate and 32% of graduate students are enrolled in such programs.

Undergraduate

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Total	20,287	20,791	21,265	21,448	21,672
STEM	5,282	5,680	6,104	6,624	7,049
Percent STEM	26%	27%	29%	31%	33%

Graduate

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Total	5,546	5,677	5,770	5,792	5,848
STEM	1,503	1,601	1,677	1,729	1,749
Percent STEM	27%	28%	29%	30%	30%

Total Enrollment

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
STEM	6,785	7,281	7,781	8,353	8,798
Percent STEM	26%	28%	29%	31%	32%

Degrees and Certificates Awarded in STEM Fields

The upward trend in STEM enrollment has been mirrored in the number of degrees and certificates awarded. Over one fourth of the almost 5,400 undergraduate degree recipients and graduate degree recipients (1,028 including CAGS) are awarded degrees in STEM fields. Increasing numbers of students are pursuing STEM certificates as well.

Undergraduate Degrees

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>Total Degrees</i>	4,573	4,851	5,036	5,203	5,363
<i>STEM</i>	935	1,095	1,145	1,365	1,405
<i>Percent STEM</i>	20%	23%	23%	26%	26%

Graduate Degrees

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>Total Degrees</i>	1,423	1,502	1,643	1,639	1,696
<i>STEM</i>	355	361	380	437	448
<i>Percent STEM</i>	25%	24%	23%	27%	26%

All Degrees

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>STEM</i>	1,290	1,456	1,525	1,802	1,853
<i>Percent STEM</i>	22%	23%	23%	26%	26%

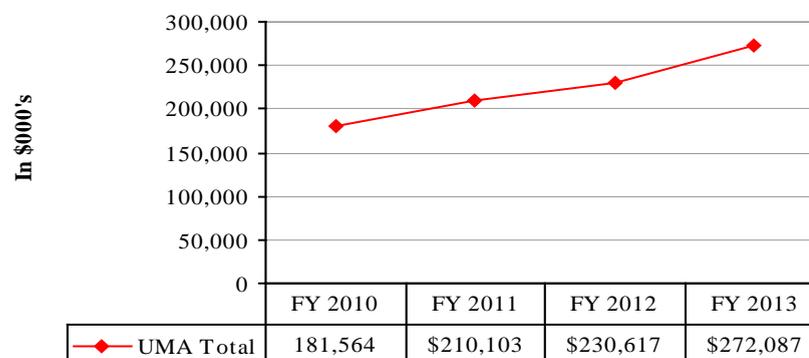
Certificates

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>Total Certificates</i>	230	181	234	311	283
<i>STEM</i>	1	1	12	33	46
<i>Percent STEM</i>	0%	1%	5%	11%	16%

FINANCIAL HEALTH

Endowment Assets and Annual Growth in Endowment

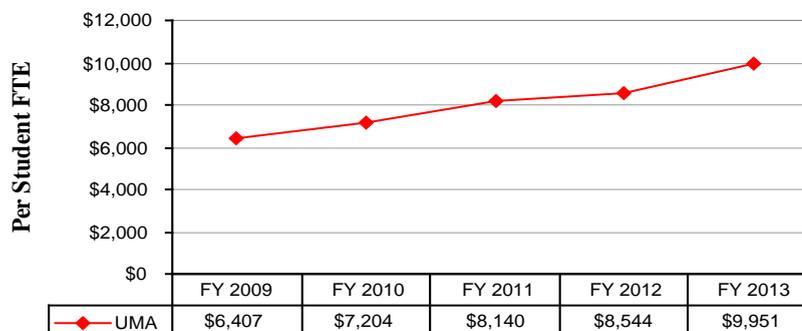
The campus endowment is one of the lowest in the country for a public flagship campus. In FY 2013 the endowment increased due to gifts and better investment performance. The campus is in the midst of a \$300M fundraising campaign and expects to see growth in the endowment from increased gifts.



	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
<i>Annual Change</i>	-4%	12%	16%	10%	18%

Endowment per Annualized Student FTE

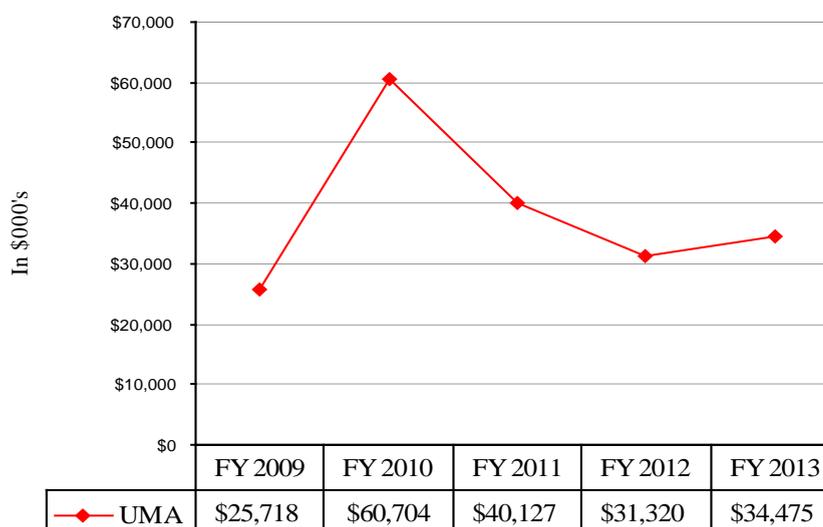
The campus endowment is one of the lowest in the country for a public flagship campus. The campus average per student continues to increase as the market value outpaces student FTE growth.



	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Peers	\$11,137	\$10,840	\$12,309	\$14,226	\$13,548

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. 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 FY 2014 and beyond as a result of an infusion of state funding for capital projects.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMA	3.7%	11.8%	8.3%	11.3%	10.2%
Peers	2.1%	5.5%	6.5%	4.3%	2.9%

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 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMA	18.9%	25.9%	24.1%	24.8%	26.7%
Peers	25.3%	27.2%	31.2%	31.2%	29.7%

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 approach 8% over the next five years as the campus invests in new classroom space and science laboratories.

	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMA</i>	5.9%	5.8%	5.7%	5.5%	6.1%
<i>Peers</i>	6.6%	5.7%	5.8%	6.0%	5.5%

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 \$277 million of spending included in the five year projection for infrastructure improvements.

	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMA</i>	\$194	\$149	\$164	\$162	\$151

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 are based on the Arithmetic Mean. 25th & 75th percentiles 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 2013, which includes August 2012, January 2013, and May 2013 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 Hired. 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 2014 PMS report, the difference will be between the figure for Fall 2013 and Fall 2012.

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 2014 PMS report, the difference will be between the figure for Fall 2013 and Fall 2012. 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 (In-State) 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 of in-state, full-time students with Pell Grants in the Financial Aid Template.

Percent 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 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 a bachelor's degree. Data are reported on the Fall 2013 Common Application form required of all entering first year students who apply to UMass Amherst.

Percent Undergraduates with English as a Second Language.

Percentage of undergraduates whose first language was not English. Data are from the 2013 Common Application form.

Percent Undergraduate 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 2012 through Summer 2013.

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 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 and Certificates 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 UMass Amherst 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 3.16 in Fall 2013. Sixty percent of incoming freshmen had a GPA of 3.00 or greater. The mean SAT score of incoming freshmen, though lower than last year, remains higher than the previous four classes. New enrollments of first-time freshmen grew to more than 1,400 in Fall 2013, a 43% increase since Fall 2009.

This year, the university received approval for the establishment of an Honors College, which has 367 students enrolled. One of the principal objectives of the Honors College curriculum is to give students an understanding of themselves as global citizens. Additionally, one of our students has received a Fulbright award this year and Academic Analytics reports 15 faculty awards for the most recent year for which data is available (2012).

Strengthen Research and Development

UMass Boston continues to advance as an increasingly sophisticated research university. Between FY 2009 and FY 2013, UMass Boston's R&D expenditures reported to NSF increased from \$47 million to \$60 million. In terms of R&D expenditure per tenure stream faculty, this figure has increased by 9% percent since FY 2009 and showed close to \$130,000 per faculty member in FY 2013.

This year, UMass Boston has received a \$3.1 million Integrative Graduate Education and Research Traineeship (IGERT) grant from the National Science Foundation for a new program, "Coasts and Communities: Natural and Human Systems in Urbanizing Environments." In addition, UMass Boston and IBM announced a new research initiative to advance accessible technology solutions for people with disabilities, the growing elderly population, those with low literacy, and novice technology users.

Recently, the university and the New England Aquarium announced a unique partnership to encourage collaboration between the two institutions. Researchers from the New England Aquarium will teach courses at UMass Boston. Twelve researchers have already been named faculty members at UMass Boston's School for the Environment. The two institutions will also be able to share lab facilities in Boston and at their field stations. Our graduate students will be able to work with researchers at the NEAq and undergraduates will have a special pipeline to apply for internships.

Renew Faculty

In AY 2013-14 UMass Boston was successful in recruiting 44 tenured or tenure-track faculty; 30% were persons of color, and 55% were female.

Tenure stream faculty increased 4% from Fall 2009 to Fall 2013, 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 (87%) of our state-supported 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 more than tripled between Fall 2009 and Fall 2013 and it is anticipated it will increase further over the next five years. In addition, the number of students participating in study abroad programs has increased over the past five years, with 231 participating this year. An example of the emphasis on international education this year was highlighted when UMass Boston signed a memorandum of understanding with the University of Limerick, Ireland. A component of this strategic partnership is to facilitate the mobility of students, faculty, and staff between the universities.

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 large numbers of online course registrations, with over 13,000 for the second consecutive 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 more than 5,000 undergraduates of color, UMass Boston is the most

diverse public four year research university of all New England schools. In Fall 2013, 50% of our U.S. undergraduate students were students of color. The diversity of our student population has continued to increase along with increases in admissions quality indicators and substantial increases in enrollment.

Freshmen retention rates have continued to improve over the past five years, reaching 78% for those students who entered in Fall 2012. The retention rate of entering transfer students has increased from 80% for those entering in Fall 2011 to 81% for those entering in Fall 2012.

The 6-year graduation rate for the Fall 2007 cohort was 44%. This is the highest rate in twenty years. The 6-year graduation rate for the Fall 1992 freshmen cohort was 27%.

The Fall 2007 cohort precedes many of the initiatives focused on student success: Start on Track/Stay on Track, the Honors program (now the Honors College), the CSM Freshmen Success program, the CLA First! Program, the CM LEAD program, the Student Support Services program, MAP-Works, and Success Boston (for Boston Public School students). All of these programs contribute to increasing retention rates.

Following up on the Campus Climate Study, the Office of Diversity and Inclusion has led efforts to share the survey results and encourage student, faculty, and staff involvement in addressing issues and concerns that emerged from the results by holding several debriefing sessions on selected results.

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 research which addresses policy needs, 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, students in a freshmen chemistry class worked with students at the Dever-McCormack K-8 School in Dorchester to collaborate on science experiments and bring the subject to life through plays such as *If I Was an Atom*; student-athletes volunteered at Boston Police Department's D-3's annual Halloween block party and open house; CPCS students and members of the men's hockey team worked with Boston Public School students and members of

The3PointFoundation to prepare Thanksgiving meals for Harbor Point residents. The university also hosted the 3rd annual Community-Engaged Partnerships Symposium, an event highlighting the efforts and achievements of UMass Boston faculty and staff and offering professional development workshops.

Enrollments continue to grow steadily in Science, Technology, Engineering, and Mathematics (STEM) as overall enrollments also rise, with over 3,000 students in these disciplines in Fall 2013. This is an increase of 48% from Fall 2009 to Fall 2013. The number of STEM degrees and certificates awarded has increased 45% from academic year 2008-09 to academic year 2012-13.

The Integrated Sciences Center will further strengthen this focus of the university. The building opening is planned for 2014.

FINANCIAL HEALTH

Endowment assets totaled \$66.3 million in FY 2013, an increase of 28% over the prior year. Endowment per annualized student FTE grew from \$3,183 in FY 2009 to \$4,943 in FY 2013, an increase of over 55%, in spite of the significant increase in enrollment over the time period. Total private funds raised increased from FY 2012 (\$11.4 million) to FY 2013 (\$14.7 million). The 50th anniversary celebration has engaged the campus in renewed efforts to attract alumni and friends giving.

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. UMass Boston continued to exhibit positive operating results in FY 2013, recording its fifth consecutive positive operating margin (6%), and a cushion ratio (27.7%) greater than that of our peers (19.0%). The return on net assets in FY 2013 was a respectable 12.7% and there was a relatively low debt service ratio of 6.0% (our peers were 6.9%). 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 is planned to rise over the next few years.

In keeping with the 25-year Master Plan, the campus is undergoing exciting physical changes. Construction on General Academic Building Number 1 has made progress, with a topping-off ceremony held this spring. The roadway and utilities project continues. Major traffic pattern changes will begin this summer.

ACADEMIC QUALITY

• Average High School GPA of Freshmen	3.16
• Average SAT Scores of Freshmen	
Arithmetic Mean	1058
25 th - 75 th Percentile	970 - 1130
• 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	5,372
• Number of Doctoral Degrees Awarded	37
• Postdoctoral Appointees	13
• Total R&D Expenditures	\$60.4M
• Total R&D Expenditures/Tenure-track Faculty	\$129,571
• Sponsored Instruction & Outreach/Faculty	\$41,136
• Patent Applications	1
• License Income	\$2,797
• New Tenured/Tenure-Track Faculty Hired	44
• Change in Tenured/Tenure-Track Faculty	4%
• Change in Faculty FTE	1%
• Faculty Awards	NA
• National Academy Members	NA

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	44%
• % of Need Met for In-State Students Awarded Need-Based Aid	89%
• % Undergraduate Students from Massachusetts	87%
• Online Course Registrations	13,292
Annual Growth in Online Course Registrations	-1%

STUDENT SUCCESS AND SATISFACTION

• % Undergraduate Students of Color	50%
• % First-Generation College Students	56%
• % Undergraduates who Speak English as a Second Language (2013 Freshmen)	52%
• % International Undergraduates	10%
• Number Undergraduates who Participated in a Study Abroad Program	231
• Freshmen One-Year Retention Rate	77%
• Freshmen Six-Year Graduation Rate	44%
• Transfer (Full-time) One-Year Retention Rate	81%
• Transfer (Upper Division) Four-Year Graduation Rate	71%

SERVICE TO THE COMMONWEALTH

• % Alumni who Live in Massachusetts	75%
• Enrollment in STEM Programs	3,123 (21%)
Undergraduate	2,818 (24%)
Graduate	305 (10%)
• Degrees Awarded in STEM Fields	366 (11%)
Undergraduate	313 (14%)
Graduate	53 (5%)
• MTEL Science and Math Test-takers	210

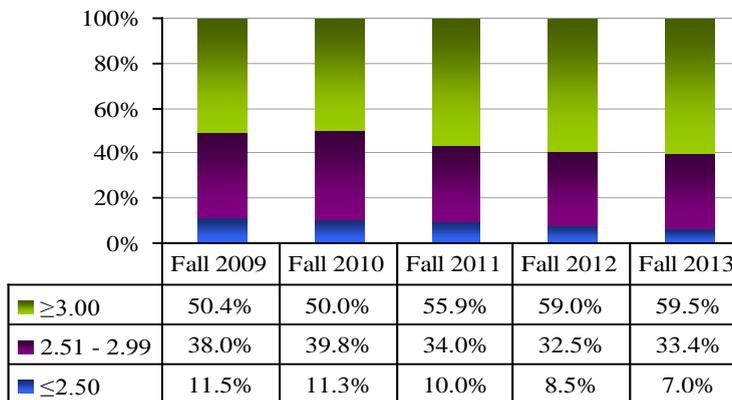
FINANCIAL HEALTH

• Total Endowment	\$66.31M
• Annual Growth in Endowment	28%
• Endowment per Student	\$4,943
• Private Funds Raised Annually	\$14.7M
• Return on Net Assets	12.7%
• Financial Cushion	27.7%
• Debt Service to Operations	6.0%
• Deferred Maintenance per GSF	\$204.97

ACADEMIC QUALITY

High School GPA of Freshmen

The number of entering freshmen has increased 43% from Fall 2009 to Fall 2013 while the average GPA of entering first-time freshmen at UMass Boston remained above 3.0 and reached 3.16 in Fall 2013. In Fall 2013, 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 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Average	3.03	3.02	3.09	3.15	3.16

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. A majority of students at four of our peer institutions primarily submit ACT scores.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Peers Fall 2013
75th Percentile	1130	1125	1120	1160	1130	1236
25th Percentile	960	960	950	980	970	996
Average	1050	1035	1043	1072	1058	1116

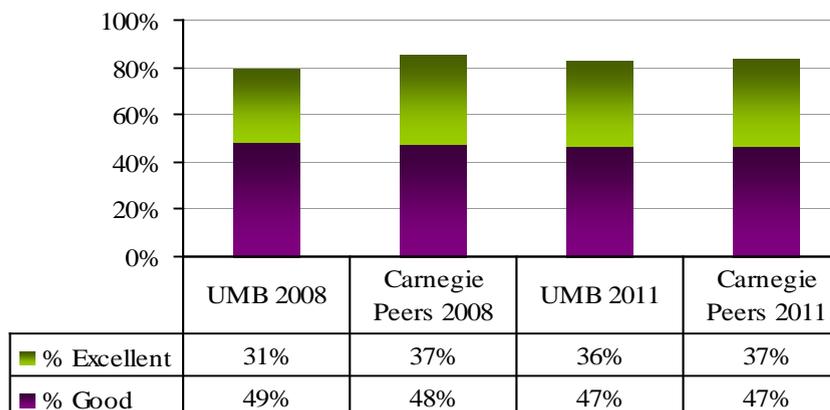
Average GPA of Entering Transfer Students

Just over half of all new students entering in the Fall are transfer students. The average GPA of these students has risen by .08 points from 3.03 to 3.11 over the last five years. There are no comparable peer data for this indicator.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
UMB	3.03	3.08	3.13	3.11	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. The NSSE was administered in 2014 and updated data will be available for next year's report.



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 been above 5,000 students for the past three academic years. Data prior to AY 2011-12 used a different methodology and is not comparable to data from the past three years.

	2009-10	2010-11	2011-12	2012-13	2013-14
<i>UMB</i>	3,849	3,848	5,889	6,115	5,372

Doctoral Degrees Awarded

UMass Boston has awarded over 175 doctoral degrees in the last four years, averaging 44 a year. Please note that in AY 2009-10 the number of doctoral degrees awarded in CSM, especially in chemistry and computer science, was higher than usual. It should be noted that the number of students enrolled in doctoral programs has increased from 409 in Fall 2009 to 560 in Fall 2013.

<i>UMB Doctoral Degrees Awarded</i>	2009-10	2010-11	2011-12	2012-13
<i>Research/Scholarship Doctorates</i>	49	42	40	31
<i>Professional Practice Doctorates</i>	0	2	5	6
<i>Total Doctoral Degrees Awarded</i>	49	44	45	37

<i>Research/Scholarship Doctorates</i>	2009-10	2010-2011	2011-2012	2012-13
<i>UMB</i>	49	42	40	31
<i>Peer Average</i>	120	124	130	130

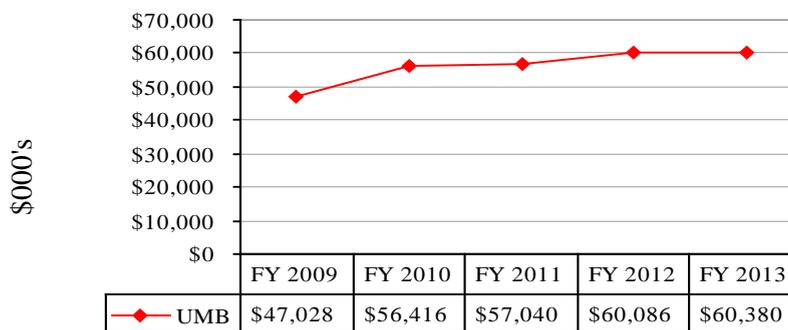
Postdoctoral Appointees

UMass Boston more than doubled the number of postdoctoral appointees on campus from Fall 2009 to Fall 2012.

	2009-10	2010-11	2011-12	2012-13
<i>UMB</i>	6	9	15	13

Total Research and Development (R&D) Expenditures

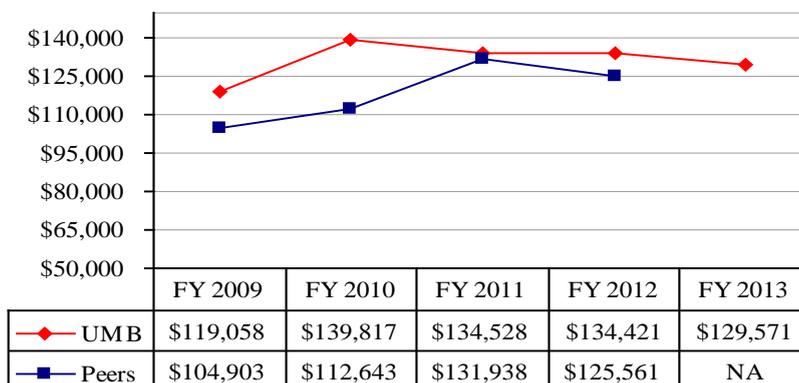
Between FY 2009 and FY 2013, UMass Boston's R&D Expenditures reported to NSF increased 28% to more than \$60 million.



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 9% since FY 2009. However, the near term future prospects are uncertain as the federal sequester plays out.

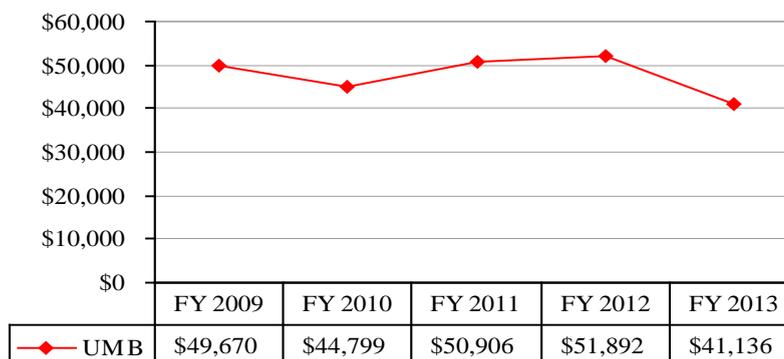
In calculating peer data, we excluded the University of Illinois at Chicago and the University of Louisville, which have medical schools. The FY 2010 NSF survey content changed significantly from prior years and is not strictly comparable to previous years' data.



Sponsored Instruction & Outreach per Faculty

Total Sponsored Instruction & Outreach Dollars per faculty member decreased 17% between Fall 2009 and Fall 2013. The federal sequester may have impacted this trend.

The number of our tenured and tenure-track faculty has been growing in recent years to keep up with our enrollment growth and strategic plan.



Patent Applications

With the expected completion of the Integrated Sciences Center in 2014, we expect growth to occur in translational research that is of interest to industry and in activities that enable licensing of inventions that come from translational research.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMB	0	1	1	1	1

License Income

While the number of patent applications has remained steady over the years, the number of invention disclosures has increased significantly on the UMass Boston campus, from one per year to five per fiscal year. Licenses and licensing income are related to the number of invention disclosures.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMB	\$545	\$1,331	\$2,445	\$2,474	\$2,797

New Tenured/Tenure-Track Faculty Hired

In keeping with strategic planning goals, UMass Boston was successful in recruiting 44 tenured or tenure-track faculty in AY 2013-14; 30% were persons of color and 55% were female.

	AY 2009-10	AY 2010-11	AY 2011-12	AY 2012-13	AY 2013-14
UMB	36	30	27	41	44

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 4% from Fall 2012 to Fall 2013.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	1-year Change
	397	404	424	447	466	4%

Change in Faculty FTE

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

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	1-year Change
	711	743	790	851	859	1%

Faculty Awards

"The Top American Research Universities" shows no faculty awards for UMass Boston in the most recent publication which reflects 2011 data. Academic Analytics shows 15 faculty awards for the most recent year for which data is available (2012).

	2008	2009	2010	2011	2012
<i>UMB</i>	0	0	0	0	NA

National Academy Members

2011 is the most recent year for which data are available through the Center for Measuring University Performance.

	2008	2009	2010	2011	2012
<i>UMB</i>	3	1	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 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>UMB</i>	32%	35%	41%	44%	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.

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>UMB</i>	95%	93%	93%	90%	89%

Percent Undergraduate Students from Massachusetts

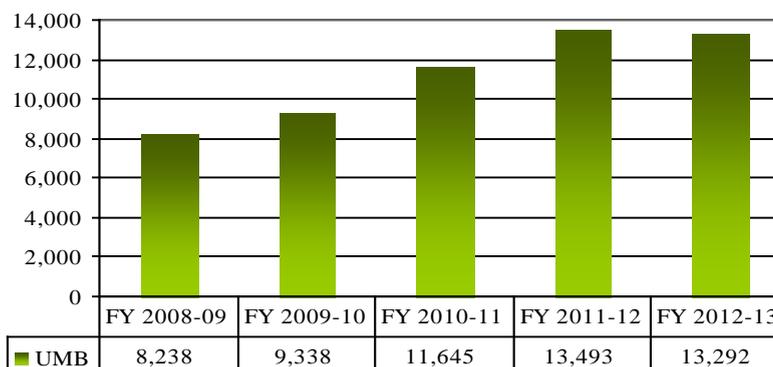
UMass Boston serves primarily undergraduate students from Massachusetts. We also attract international and out-of-state students. In Fall 2013, 1,414 of our undergraduate state-supported students were international or out-of-state students.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Number</i>	9,123	9,380	9,467	9,497	9,558
<i>Percent</i>	92%	92%	89%	88%	87%

Online Course Registrations

Annual online class registrations have grown rapidly from FY 2009 to FY 2013 from 8,238 to 13,292, an increase of 61%.

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 with a slight decrease between FY 2012 and FY 2013.

	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13
<i>Annual Rate of Growth</i>	12%	13%	25%	16%	-1%

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.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Number</i>	4,157	4,256	4,733	4,873	5,069
<i>Percent</i>	45%	44%	47%	48%	50%

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

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 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>NSSE: % reporting neither of their parents had received a bachelor's degree.</i>	NA	NA	57%	NA	NA
<i>CIRP/BCSSE*: % reporting neither of their parents had received a Bachelor's degree.</i>	NA	52%	56%	49%**	NA
<i>Freshmen Orientation Survey***: % reporting neither of their parents had received a bachelor's degree.</i>					56%

*Please note that starting in Fall 2010 BCSSE replaced CIRP

**In Fall 2012, the BCSSE survey was not administered to many Directions for Student Potential (DSP) incoming freshmen. This group has a very high proportion of students who are first-generation college students.

***In years when BCSSE survey is not administered, a brief survey is administered at freshman orientation that includes questions about parent education.

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 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Do you usually speak a language other than English at home or with family? NSSE: Combined Freshmen and Seniors</i>	NA	NA	43%	NA	NA
<i>Do you usually speak a language other than English at home or with family? Freshmen Orientation Survey: % of incoming freshmen</i>					52%

Percent International Undergraduates

The number of international students attending as undergraduates has increased by over 200% from Fall 2009 to Fall 2013. This number will continue to increase as UMass Boston pursues its strategic goal of global engagement.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Number</i>	360	466	678	950	1180
<i>Percent</i>	3.3%	4.0%	5.7%	7.8%	9.5%

Number Undergraduates who Participate in a Study Abroad Program

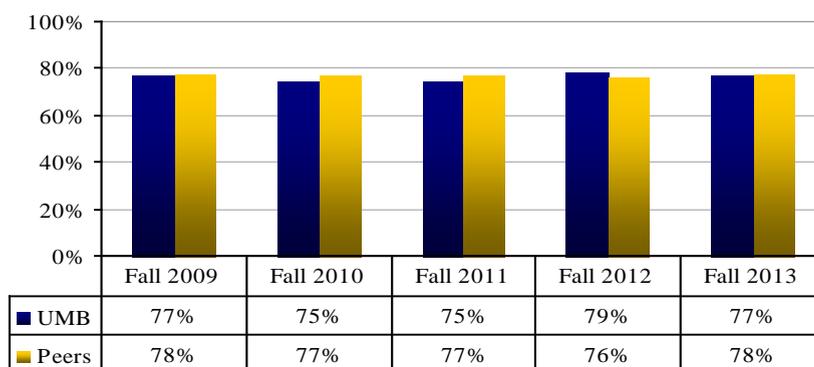
Study abroad figures are reported to the Institute of International Education's Annual Survey. The number of students taking advantage of our study abroad programs has more than doubled between academic year 2009 and academic year 2013. Increasing the number of students who study abroad is another goal of the strategic plan.

	<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>Fall 2012- Summer 13</i>
<i>Number</i>	114	138	138	203	231

Freshmen One-Year Retention Rate

The Fall 2013 one-year retention rate was two percentage points lower than the highest rate in the past five years, 79% in Fall 2012.

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

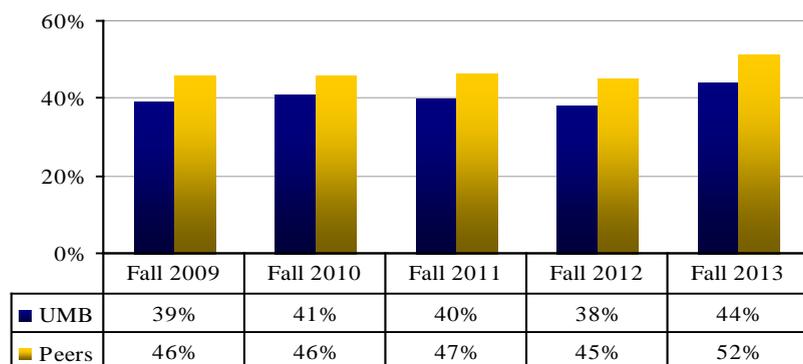


Freshmen Six-Year Graduation Rate

The six year graduation rate reported for freshmen entering in Fall 2007 was 44%, the highest in 20 years.

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.

Peer average does not include Cleveland State University because data was unavailable.



Transfer (Full-Time) One-Year Retention Rate

The one-year retention rate of all entering full-time transfer students was 81% for the cohort entering in Fall 2012.

	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>
<i>UMB</i>	83%	78%	78%	80%	81%

Transfer (Upper Division) Four-Year Graduation Rate

The four-year transfer graduation rate was 71% for those who entered in Fall 2009 and graduated by Fall 2013. There are no peer comparisons available for this indicator as these statistics are not collected nationally.

	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>
<i>UMB</i>	64%	66%	66%	70%	71%

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.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Undergraduate</i>	76%	76%	79%	76%	76%
<i>Graduate</i>	73%	72%	73%	71%	71%
<i>All</i>	75%	75%	75%	75%	75%

Enrollment in STEM Programs

There are 20 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.

Undergraduate

<i>Enrollment</i>	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Total Bachelor's Degree-seeking</i>	10,027	10,626	10,941	11,386	11,721
<i>STEM</i>	1,846	2,088	2,199	2,500	2,818
<i>Percent STEM</i>	18%	20%	20%	22%	24%

Enrollments continue to increase steadily in STEM programs as overall enrollments also rise. The number of total STEM students (undergraduate and graduate) has increased 48% from Fall 2009 to Fall 2013.

Graduate

<i>Enrollment</i>	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Total Degree-seeking</i>	2,987	2,985	3,020	2,923	2,999
<i>STEM</i>	259	235	246	248	305
<i>Percent STEM</i>	9%	8%	8%	8%	10%

Total Enrollment

<i>Enrollment</i>	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>STEM</i>	2,105	2,323	2,445	2,748	3,123
<i>Percent STEM</i>	16%	17%	18%	19%	21%

Degrees and Certificates Awarded in STEM Fields

The number of STEM degrees awarded (undergraduate and graduate) has increased substantially over the past five years. The total has increased 45% from 253 in AY 2008-09 to 366 in AY 2012-13.

Undergraduate

	2008-09	2009-10	2010-11	2011-2012	2012-2013
<i>Total Degrees</i>	1,608	1,762	1,941	2,109	2,275
<i>STEM</i>	197	221	213	271	313
<i>Percent STEM</i>	12%	13%	11%	13%	14%

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

Graduate

	2008-09	2009-10	2010-11	2011-2012	2012-2013
<i>Total Degrees</i>	963	995	991	1,033	1,054
<i>STEM</i>	56	67	55	66	53
<i>Percent STEM</i>	6%	7%	6%	6%	5%

Certificates include undergraduate and graduate certificates.

Total Degrees

	2008-09	2009-10	2010-11	2011-2012	2012-2013
<i>STEM</i>	253	288	268	337	366
<i>Percent STEM</i>	10%	10%	9%	11%	11%

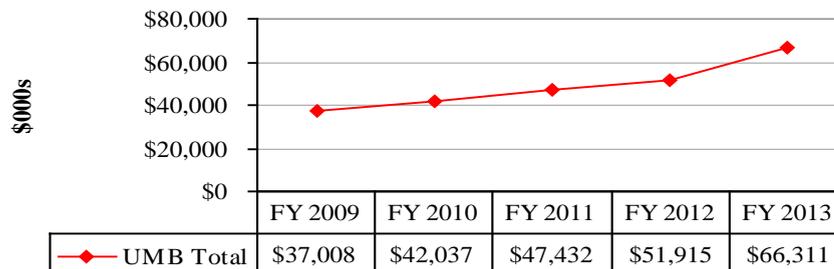
Certificates

<i>Certificates</i>	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Total Certificates</i>	168	255	243	225	229
<i>STEM</i>	15	22	29	25	20
<i>Percent STEM</i>	9%	9%	12%	11%	9%

FINANCIAL HEALTH

Endowment Assets and Annual Growth in Endowment

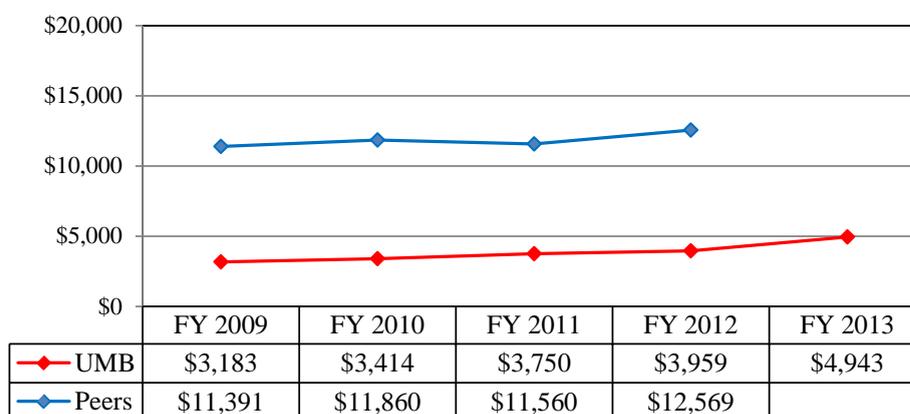
Endowment assets have continued to grow, increasing from \$37.0 million in FY 2009 to \$66.3 million in FY 2013. This represents a 79% increase in endowment assets.



	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Annual Change	7%	12%	13%	9%	28%

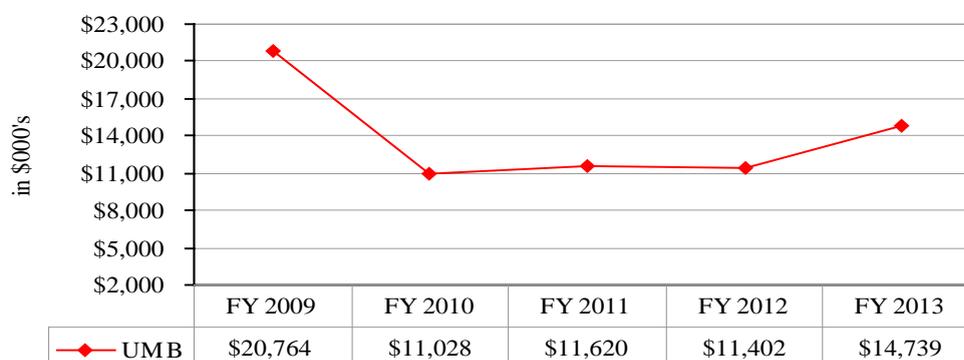
Endowment per Annualized Student FTE

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. The University of Illinois at Chicago is not included because they only report at the system-level.



Private Funds Raised Annually

Private funds raised annually increased by 29% from FY 2012 to FY 2013, but have not yet returned to the FY 2009 level.



Return on Net Assets

In FY 2013, unrestricted and restricted-but-expendable net assets increased.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMB	3.7%	27.2%	11.2%	8.2%	12.7%
Peer Average	4.2%	2.2%	-1.1%	3.4%	5.7%

Financial Cushion

In FY 2013, unrestricted and restricted-but-expendable net assets increased, but the increases in operating expenses leveled out the ratio.

	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMB</i>	19.5%	27.8%	31.6%	28.2%	27.7%
<i>Peer Average</i>	14.2%	8.2%	9.9%	21.2%	19.0%

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 is planned to rise over the next few years.

	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMB</i>	5.4%	4.8%	4.6%	5.0%	6.0%
<i>Peer Average</i>	3.6%	7.5%	7.6%	6.3%	6.9%

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 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMB</i>	\$180.55	\$177.17	\$186.01	\$190.67	\$204.97

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 DHE admissions policy, reported on all first-year students.

Average SAT Scores of Freshmen. Average SAT Scores of freshmen are 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 or the Common Data Set.

Average GPA of Entering Transfer Students. Cumulative GPA for college level courses transferred to UMass Boston 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 from NSSE.

Number of Students Enrolled in For-Credit Internships/Co-Ops. Data are from the Office of the Registrar and the Office of Career Services and Internships. Totals from the past three years are academic year enrollment totals. Previous years used different methodology and should not be compared with more recent years.

Doctoral Degrees Awarded. Number of doctorates awarded for the academic year 2013, which includes August 2012, January 2013, and May 2013 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 FY 2010.

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. Includes faculty members who are on paid leave. Does not include individuals whose primary responsibility is administrative. For the 2014 PMS report, the difference will be between the figure for Fall 2012 and Fall 2013.

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 non-state-supported courses.

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 are from *The Top American Research Universities report*.

National Academy Members.

Data reported in *The Top American Research Universities*.

ACCESS AND AFFORDABILITY INDICATORS

Percent In-State 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 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 in-state undergraduate students. Data as reported to the UMass President's Office in the Financial Aid Template.

Percent Undergraduate Students from Massachusetts. Percentage of total state-supported undergraduate students who are in-state based on tuition residency.

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 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 Undergraduates who are First Generation College Students. First-generation college students are defined as those students with neither parent having obtained a bachelor's degree. Fall 2011 and Fall 2012 data are from the Beginning College Survey of Student Engagement (BCSSE). In years when the BCSSE survey is not administered, a brief survey is administered at freshman orientation that includes questions about parent education. Previous years' data are from Cooperative Institutional Research Program (CIRP) Freshmen Survey.

Percent Undergraduates Who Speak English as a Second Language. Percentage of incoming students at freshman orientation who speak a language other than English at home or with family. In previous years, the percentage was of first-year and senior students combined who responded that they spoke another language at home or with family on the National Survey of Student Engagement (NSSE).

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

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 2012 through Summer 2013.

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 or CDS.

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 or CDS.

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 Alumni Who Live in Massachusetts. Percentage of total alumni who currently reside in Massachusetts based on alumni records.

Enrollment in STEM Programs. Total number of students enrolled in STEM programs in the College of Science and Math and the College of Management. Undergraduate enrollment count includes bachelor's degree-seeking students. Graduate enrollment count includes master's and doctoral degree-seeking students.

Degrees and Certificates Awarded in STEM Fields. Number of undergraduate and graduate degrees and certificates awarded in STEM programs in the College of Science and Math and the College of Management. Certificates include undergraduate and graduate certificates awarded.

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

Endowment per Annualized Student Full Time

Equivalent (FTE). Total UMass Boston endowment 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 are 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 UMass Boston Office of Institutional Research and Policy Studies.

HEADLINES FROM THE 2014 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 45th among 203 similar undergraduate programs and the College of Nursing has been ranked 79th out of 449 graduate programs. The College of Visual and Performing arts digital media program has been rated among the top 50 in the nation. UMass Dartmouth is again tied for No. 1 in the Top Regional Public Institutions in New England. The online Bachelor's programs were ranked 69th out of 209 in US News.

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 level of Carnegie classification, 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 providing a wide range of capable students access to a high-quality education. The Fall 2013 entering class's GPA average of 3.31 continues a five-year trend of improvement; 66% of the incoming class having a high school GPA of 3.00 or better. The SAT average score remains stable at 1052. These statistics include the 122 students who have entered through our long-standing and highly successful alternative access program, College Now/START.

Additionally, the indicators for Pell grants (39%), percent of need met (86%), percent students of color (27%), percent from Massachusetts (94%), and percent of freshmen who are first generation college-going (42%), demonstrate UMass Dartmouth's strong 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. An increased number of faculty have secured externally funded grants and research expenditures are at their highest level in five years. Last winter, 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; 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. UMass Dartmouth is ranked 21st out of 690 on the President's Higher Education Community Service Honor Roll and our students performed more than 195,000 hours of community service.

STUDENT SUCCESS AND SATISFACTION

The one-year retention rate has improved from 70% in 2010 to 76% in 2013. The University has developed an assertive program of interventions. The indicators for transfer student retention at 78% and improved graduation rates fill in the picture that is left incomplete by the standard measure for freshman success. NSSE information is now three years old; however, the results from the AY 2012-13 Exit Survey indicate that 87% of the graduating seniors were Very Satisfied/Satisfied with their academic instructions, but less satisfied with the educational facilities. The results from the Spring 2014 NSSE administration should be available later this summer.

DEGREES GRANTED

In 2013, UMass Dartmouth graduated 1,764 students with 1,829 degrees/certificates. Because 69% of our graduates remain in Massachusetts, the degrees granted 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 55 Doctoral-Research/Scholarship degrees have been granted since 1997. The number does not include the Chemistry joint degrees that are conferred at Amherst and Lowell or the Doctoral-Professional degrees. 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 103 students last year.

FINANCIAL HEALTH

A set of fiscal controls and processes are in place to ensure the achievement of full fiscal stability. A strategic plan, *UMassDTransform2020* was completed in FY14 and implementation will begin in the summer 2014. The plan will ensure that resources are aligned with academic goals and spending. UMass Dartmouth continues to explore new ways to grow revenues and control spending to create efficiencies. UMass Dartmouth has achieved a positive financial cushion during a time of constrained resources.

2014 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of Freshmen	3.31
• Average SAT Scores of Freshmen	
<i>Arithmetic Mean</i>	1052
<i>25th-75th Percentile</i>	960 - 1150
• Average GPA of Transfers	3.1
• Student Satisfaction with Educational Experience	76%
• Number of Doctoral Degrees Awarded	116
• Postdoctoral Appointees	2
• Total R&D Expenditures	\$27.3M
• Total R&D Expenditures per Faculty	\$90,185
• Federal Research Expenditures	\$8.9M
• Patent Applications	4
• License Income	\$33,540
• New Tenured/Tenure-Track Faculty Hired	12
• Change in Tenured/Tenure-Track Faculty	-1
• Change in Faculty FTE	-12
• Faculty Awards	4
• National Academy Members	0

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	39%
• Percent of Need Met for In-State Students	
Awarded Need-Based Aid	86%
• Percent Undergraduates who Live in MA	94%
• Enrollments in Online Courses	4,127
• Annual Growth in Online Course Enrollments	20%

STUDENT SUCCESS AND SATISFACTION

• Percent Undergraduates Students of Color	27%
• 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	42%
• Percent Undergraduates with English as a	
Second Language	11%
• Percent Undergraduates who are International	2%
• Number of Undergraduates who Participated	
in a Study Abroad Program	102
• Freshman One-Year Retention Rate	76%
• Freshman Six-Year Graduation Rate	49%
• Transfer (Full-time) One-Year Retention Rate	78%
• Transfer (Upper Division) Four-Year	
Graduation Rate	69%

SERVICE TO THE COMMONWEALTH

• Percent Alumni who Live in MA	69%
• Enrollment in STEM Programs	2,107 (23%)
<i>Undergraduate</i>	1,772 (24%)
<i>Graduate</i>	326 (21%)
• Degrees Awarded in STEM Fields	320 (18%)
<i>Undergraduate</i>	220 (18%)
<i>Graduate</i>	94 (20%)
• MTEL Science and Math Test-Takers	39

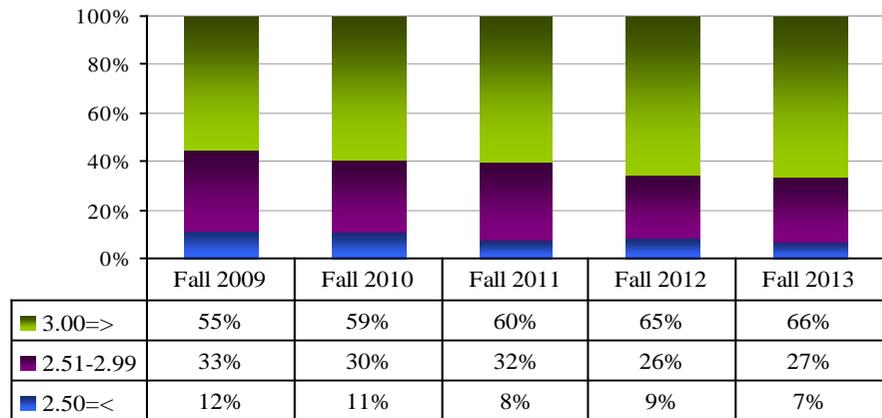
FINANCIAL HEALTH

- Endowment Assets \$44M
- Annual Growth in Endowment Assets 12%
- Endowment per Annualized Student FTE \$5,411
- Private Funds Raised Annually \$3.1M
- Return on Net Assets 28.5%
- Financial Cushion 4.5%
- Debt Service to Operations 8.7%
- Deferred Maintenance per GSF \$172

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, reaching 3.31 in Fall 2013 and continuing its five-year upward trend. These statistics include the 122 students who have entered through the long-standing and well-recognized alternative access program, College Now/START.



	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Average	3.08	3.13	3.16	3.20	3.31

Average SAT Scores of Freshmen

The first-year student's average SAT scores are maintaining at a high level. UMass Dartmouth is succeeding in its goal of maintaining a strong student quality profile while also fostering access.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Peers Fall 2013
75th Percentile	1150	1130	1150	1150	1150	1203
25th Percentile	980	960	945	970	960	997
Average	1059	1042	1047	1056	1052	1100

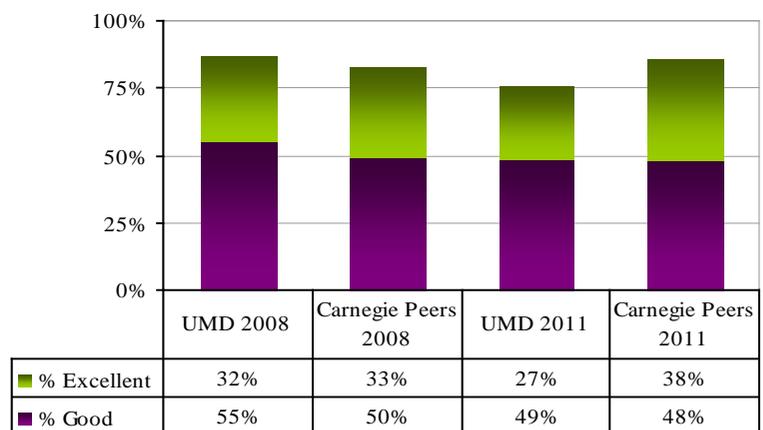
Average GPA of Entering Transfer Students

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. The Fall 2013 GPA improved slightly from 3.0 to 3.1.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Average	3.0	3.0	3.0	3.0	3.1

Student Satisfaction with Educational Experience

Presented are responses to a survey question about overall educational experience in the NSSE nationwide survey. While ninety percent of the AY 2012 graduating seniors who responded to the UMass Dartmouth Exit Survey indicated they were Very Satisfied/Satisfied with their academic instruction, the decline in the NSSE overall satisfaction compared to 2008 is a concern. Results from the Spring 2014 administration of NSSE should be available this summer; we are anticipating an increase in this measure.



Doctoral Degrees Awarded

UMass Dartmouth is focused on the expansion of doctoral education. Indicators demonstrate a steady increase. 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 also grown steadily.

<i>UMD Doctoral Degrees Awarded</i>	2008-09	2009-10	2010-11	2011-12	2012-13
<i>Research/Scholarship Doctorates</i>	5	3	5	7	13
<i>Professional Practice Doctorates</i>	NA	NA	47	43	103
Total Doctoral Degrees Awarded	5	3	52	50	116

<i>Research/Scholarship Doctorates</i>	2008-09	2009-10	2010-11	2011-12	2012-13
<i>UMD</i>	5	3	5	7	13
<i>Peer Average</i>	63	58	54	60	63

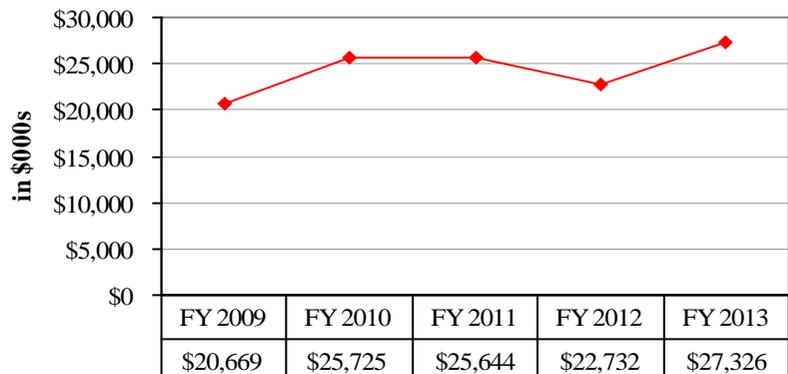
Postdoctoral Appointees

UMass Dartmouth has a faculty union position entitled Research Associate into which most recent PhD researchers are hired (18 were employed in AY 2012-13). The title "Postdoc" does not encompass the scope of our research involvement of new PhDs.

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>UMD</i>	5	6	4	3	2

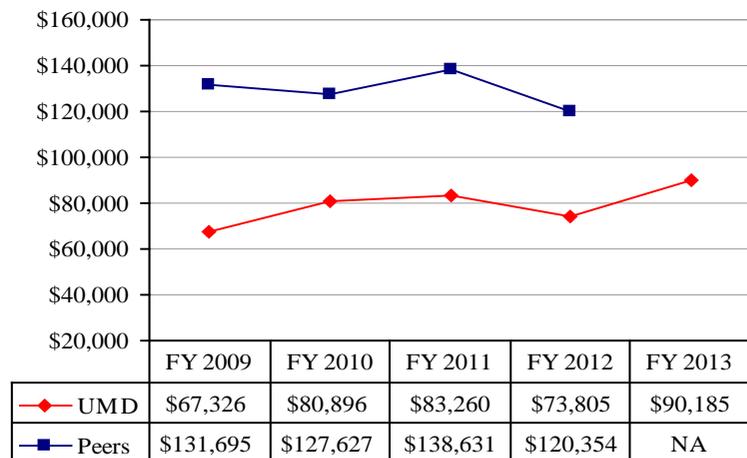
Total Research and Development (R&D) Expenditures

UMass Dartmouth's research expenditures are at their highest level in 5 years. 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.



Total R&D Expenditures per Tenure System Faculty

The percentage of faculty who secure externally funded grants has grown dramatically in recent years. This metric is expected to increase as our researchers mature into their most productive years. New comparative and aspirant peers are included here, some of which are Doctoral Research Carnegie level.



Federal Research Support

The anomalous decline in FY 2012 and FY 2013 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 (in \$000s)</i>	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMD</i>	\$10,804	\$12,236	\$13,657	\$10,979	\$8,860
<i>Peers</i>	\$21,871	\$23,297	\$26,091	\$24,932	NA

Patent Applications

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

	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMD</i>	7	2	3	1	4

License Income

Increased 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 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMD</i>	\$2,000	\$36,482	\$26,481	\$31,093	\$33,540

New Tenured/Tenure-Track Faculty Hired

UMass Dartmouth's ongoing goal is to strengthen faculty. This year faculty hires included three each in Science, Technology, Engineering, and Mathematics (STEM), social sciences, and business, as well as a music department chair, a community nursing and a law faculty.

	<i>AY 2009-10</i>	<i>AY 2010-11</i>	<i>AY 2011-12</i>	<i>AY 2012-13</i>	<i>AY 2013-14</i>
<i>UMD</i>	14	28	11	10	12

Change in Tenured/Tenure-Track Faculty

Growth in our tenure and tenure-track faculty is critical for achieving the University's research and engagement goals. Resources were conserved this year in order to prepare for a significant investment in faculty to support *UMASSDTransform2020*, the strategic plan.

	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>	<i>1-year Change</i>
<i>UMD</i>	307	318	308	303	302	-0.3%

Change in Faculty FTE

This indicator shows the difference in the total FTE of instruction from one fall semester to the next. Not included are individuals whose primary responsibility is administrative or teaching assistants.

	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>	<i>1-year Change</i>
<i>UMD</i>	442	451	465	470	458	-2.6%

Faculty Awards

UMass Dartmouth led institutions of its type in the USA in having Fulbright faculty awards and in 2010 was named a "Fulbright Top-Producing Institution." Although this indicator regards faculty, a UMass Dartmouth student also earned a Fulbright teaching assistantship in AY 2011-12. When using the larger list of awards from Academic Analytics, this number increases to 12.

	2009	2010	2011	2012	2013
<i>UMD</i>	1	6	5	2	4

National Academy Members

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

	2009	2010	2011	2012	2013
<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 in-state low-income undergraduate students. The results show an increasing proportion of these students among our freshman entering class, reflecting our increasing mission of access.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>UMD</i>	22%	30%	37%	37%	39%

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

To support access and affordability, UMass Dartmouth has dedicated a significant percentage of institutional funding to provide need-based aid to undergraduate students. Increases in tuition, fees, on campus housing costs, and downturn in the economy impacted the percentage of need met for AY 2012-13.

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>UMD</i>	91%	90%	89%	88%	86%

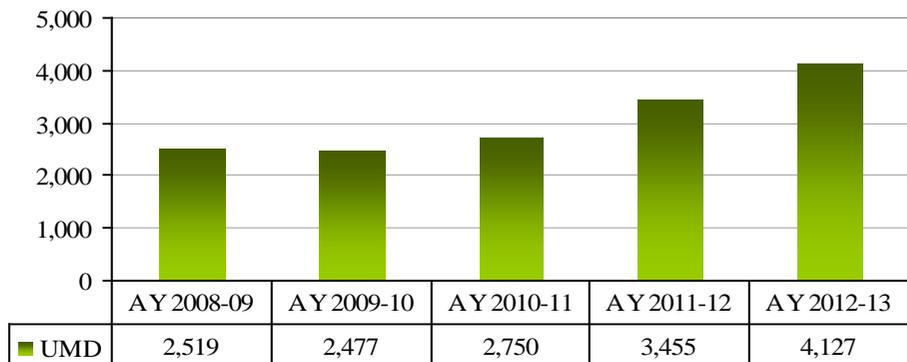
Percent Undergraduates From Massachusetts

UMass Dartmouth has predominately served an in-state population with only 6% from out-of-state. Many students come from the southeastern region of Massachusetts.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Number</i>	7,636	7,400	7,213	7,120	6,975
<i>Percent</i>	96%	95%	95%	94%	94%

Online Course Registrations

UMass Dartmouth experienced significant increases in online registrations. The campus has made a large investment in online degree program development to accelerate our growth in this critical area.



Annual Growth in Online Course Registrations

Although there is a drop in annual growth, the strengthening of online registrations continues a four-year upward trend. A large investment is being made in online recruitment, infrastructure, and support.

	AY 2008-09	AY 2009-10	AY 2010-11	AY 2011-12	AY 2012-13
UMD	28.1%	-1.7%	11.0%	25.6%	19.5%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduates who are Students of Color

The diversity of UMass Dartmouth's student body continues to expand, with 27.3% students of color. This reflects the University's ability to recruit and enroll highly qualified students of all types.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Number	1,162	1,401	1,623	1,755	1,886
Percent	15.6%	19.5%	22.6%	25.0%	27.3%

Percent Undergraduates who are First Generation in College

Over half of the graduating seniors are the first generation of their family to complete a four-year degree. Senior students percentages, which includes transfers, demonstrate *success* in persistence to graduation. Freshman students percentages show the *access* UMass Dartmouth provides to a college education. Forty two percent come from households in which neither parent has completed a four-year degree.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>1st Generation Seniors (Parents HS or less)</i>	30%	30%	27%	27%	27%
<i>1st Generation Seniors (Neither Parent has Bachelors)</i>	55%	55%	55%	55%	55%
<i>1st Generation Freshmen (Parents HS or less)</i>	25%	27%	26%	25%	25%
<i>1st Generation Freshmen (Neither Parent has Bachelors)</i>	44%	46%	44%	43%	42%

Percent Undergraduates with English as a Second Language

With growth in the diversity of the student population, 11.1% of the new freshmen for 2013 reported that they were from a home in which English is not the primary language spoken.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Percent</i>	5.6%	9.7%	8.6%	8.1%	11.1%

Percent Undergraduates who are International

Strategic efforts to increase the global diversity of our campus have resulted in a large increase of international undergraduate students, almost doubling the number in two years. This trend is expected to continue.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Number</i>	33	27	69	114	127
<i>Percent</i>	0.4%	0.3%	0.9%	1.5%	1.7%

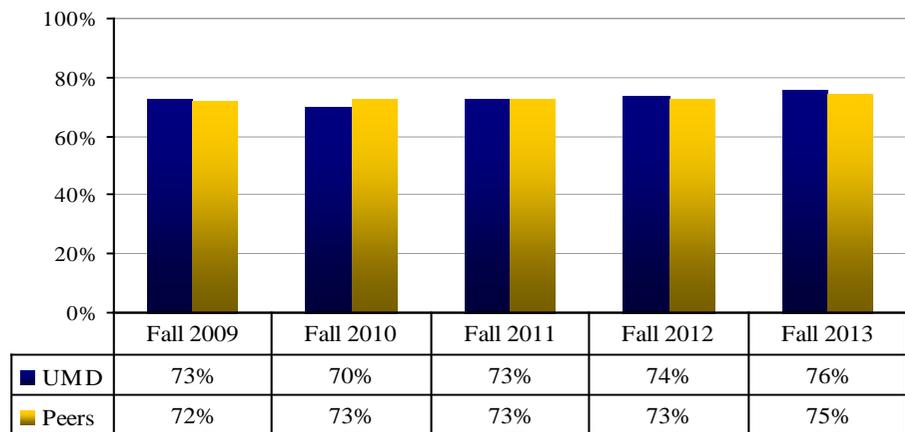
Number Undergraduates who Participated in a Study Abroad Program

Close to two percent of UMass Dartmouth's 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 08 - Summer 09	Fall 09 - Summer 10	Fall 10 - Summer 11	Fall 11 - Summer 12	Fall 12 - Summer 13
<i>Number</i>	124	62	87	116	102

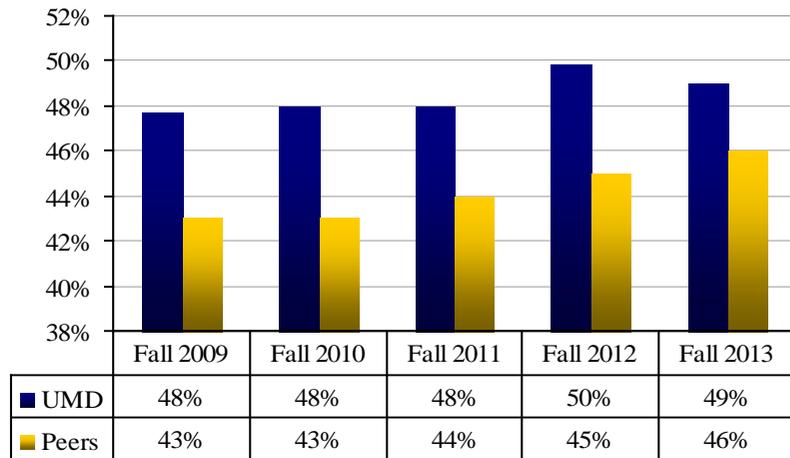
Freshman One-Year Retention Rate

First to second year retention rates improved by 2%, which is 1% higher than the University's new peer group. New and enhanced interventions will continue to assist with achieving the long-range goal of 80% on this measure.



Freshman Six-Year Graduation Rate

While UMass Dartmouth's six-year graduation rates are slightly down from the previous year by 1%, however, the peer rate was surpassed by 3%. UMass Dartmouth continues to strive for higher graduation rates for its undergraduates.



Transfer (Full-Time) One-Year Retention Rate

UMass Dartmouth's transfer one-year retention rate has dropped by 2 percentage points. Improved transfer advising and support will improve the retention and success of this increasingly important student group. Starting next year, University Extension transfers will be included in the rate.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
UMD	77%	77%	78%	80%	78%

Transfer (Upper Division) Four-Year Graduation Rate

This indicator shows that 69% percent of the full-time upper division transfer students who entered with 60 or more credits in Fall 2009 (97 students) had completed their program by Fall 2013. The total number of students in the full-time group is small and generally less than 25% of the entire entering transfer cohort. This year's rate is the highest rate in the last five years.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
UMD	64%	64%	66%	63%	69%

SERVICE TO THE COMMONWEALTH

Percent Alumni who Live in Massachusetts

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

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Undergraduate	73%	73%	75%	76%	72%
Graduate	47%	46%	54%	61%	67%
All	70%	71%	73%	75%	69%

Enrollment in STEM Programs

This indicator demonstrates our steady commitment to educating students in Science, Technology, Engineering, and Mathematics (STEM) fields. The START program and appropriate certificates are also included here.

Undergraduate

<i>Enrollment</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>
<i>Total</i>	7,982	7,734	7,567	7,532	7,402
<i>STEM</i>	1,534	1,654	1,625	1,648	1,772
<i>Percent STEM</i>	19%	21%	21%	22%	24%

Graduate

<i>Enrollment</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>
<i>Total</i>	1,116	1,529	1,514	1,524	1,542
<i>STEM</i>	332	360	367	324	326
<i>Percent STEM</i>	30%	24%	24%	21%	21%

Total Enrollment

<i>Enrollment</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>
<i>STEM</i>	1,869	2,021	2,003	1,993	2,107
<i>Percent STEM</i>	20%	21%	22%	22%	23%

Certificates

<i>Enrollment</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>
<i>Total</i>	204	169	144	154	109
<i>STEM</i>	3	7	11	21	9
<i>Percent STEM</i>	1%	4%	8%	14%	8%

Degrees and Certificates 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 number of STEM graduate degrees are holding relatively steady.

Undergraduate

<i>Degrees</i>	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>
<i>Total Degrees</i>	1,245	1,273	1,328	1,251	1,241
<i>STEM</i>	190	205	226	228	220
<i>Percent STEM</i>	15%	16%	17%	18%	18%

Graduate

<i>Degrees</i>	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>
<i>Total Degrees</i>	240	291	385	395	473
<i>STEM</i>	86	77	85	75	94
<i>Percent STEM</i>	36%	26%	22%	19%	20%

Total Degrees

	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>
<i>STEM</i>	279	283	311	306	320
<i>Percent STEM</i>	18%	18%	18%	18%	18%

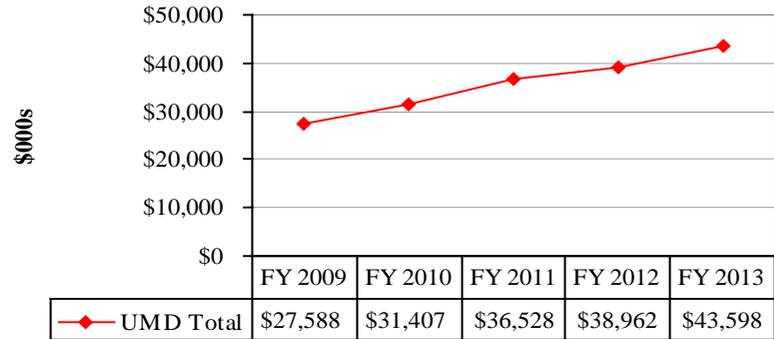
Certificates

	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>
<i>Total Certs.</i>	30	25	64	46	85
<i>STEM</i>	3	1	0	3	6
<i>Percent STEM</i>	10%	4%	0%	7%	7%

FINANCIAL HEALTH

Endowment Assets and Annual Growth in Endowment

We have continued on a path of growth through a difficult period for investments and giving. With additional funds allocated to fundraising, the campus anticipates endowment growth. 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 five years.

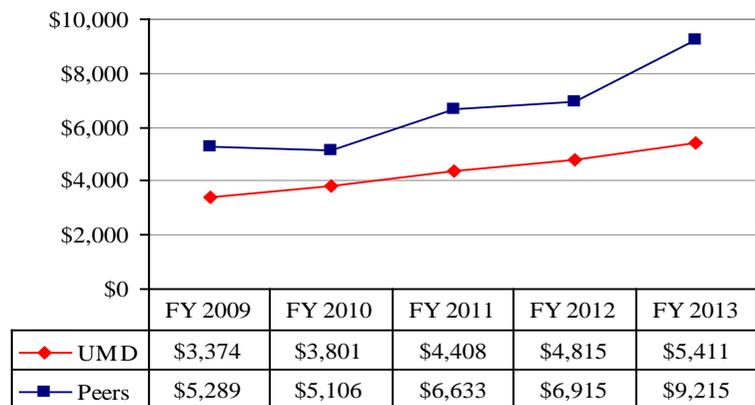


	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Annual Growth	10%	14%	16%	7%	12%

Endowment per Annualized Student FTE

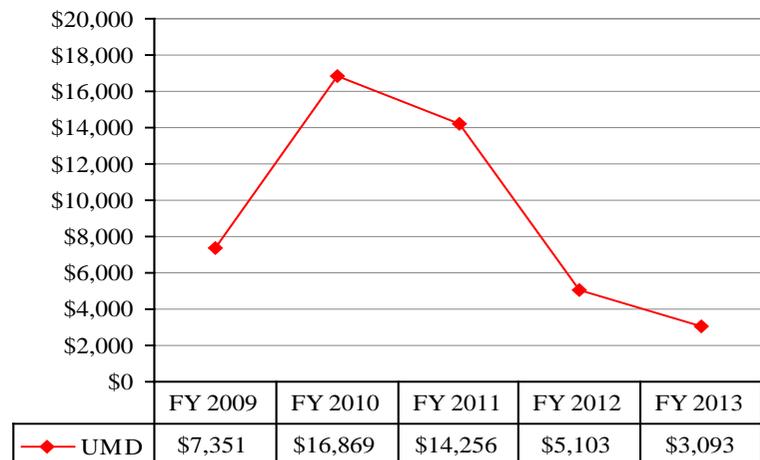
The endowment per student ratio reflects a base from which earnings can contribute to current operations. In addition, unrestricted endowments contribute to the non-expendable fund balance, which greatly affects the financial cushion.

Data are for comparative peers only and FY 2013 is the first year that the University of South Dakota provided endowment numbers, therefore causing the large increase.



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 FY 2012 can be partially attributed to donor restraint, which often occurs during institutional leadership transitions.



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. This ratio may fluctuate year over year according to the campus overall strategy, depending if the campus is in a period of investment or establishing reserves. The growth observed over fiscal years FY 2010 and FY 2013 is attributed to the University's investment in Physical Plant.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMD	11.30%	18.12%	20.82%	34.20%	28.50%
Peers	NA	NA	NA	NA	NA

Note: Due to change in peers and timing of financial indicator report, data for new Peers will not be available at this time.

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.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMD	1.4%	4.5%	5.4%	4.8%	4.5%
Peers	NA	NA	NA	NA	NA

Note: Due to change in peers and timing of financial indicator report, data for new Peers will not be available at this time.

Debt Service to Operations

The recent borrowing of \$62M 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 plant and maintaining a healthy debt portfolio.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMD	8.6%	8.6%	8.4%	7.6%	8.7%
Peers	NA	NA	NA	NA	NA

Note: Due to change in peers and timing of financial indicator report, data for new Peers will not be available at this time.

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. As our buildings age and deteriorate, deferred maintenance cost per square foot will continue to rise unless spending in this area keeps pace with deterioration.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMD	\$63	\$67	\$92	\$93	\$172

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

High School GPA of 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 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 2013, which includes September 2012, January 2013, and May 2013 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 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.

Total R&D Expenditures per Tenured 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 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 reported by campuses to UMass President’s Office, Office of CVIP.

License Income. Amount of annual income from license agreements. 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 University Extension.

Faculty Awards. Number of faculty with new 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 (In State) 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 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 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. University Extension 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/Pacific Islander, American Indian/Alaskan Native, and/or Two or more races, 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 2013, and Senior data are from NSSE (2011).

Percent Undergraduates with English as a Second Language.

Percentage of undergraduates whose first language is not English. Data are from Cooperative Institutional Research Program (CIRP) Freshmen Survey 2013.

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 undergraduate students who participated in a credit bearing study abroad program as reported on the Institute of International Education Open Doors survey for Fall 2012 through Summer 2013.

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 (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.

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.

Degrees and Certificates 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.**

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

Cleveland State University (OH)*
 Idaho State University
 Louisiana Tech University
 Marshall University (WV)
 SUNY at Binghamton (NY)*
 The University of Montana*
 The University of Texas at Dallas*
 University of Arkansas at Little Rock
 University of Idaho
 University of New Orleans (LA)
 University of North Dakota*
 University of South Dakota
 University of Southern Maine
 Wichita State University (KS)*

**Aspirant Peers*

Please Note: Unless otherwise specified, all data are from UMass Dartmouth Office of Institutional Research and Assessment.

HEADLINES FROM THE 2014 ANNUAL INDICATORS

ACADEMIC QUALITY

UMass Lowell continued making strong progress toward the goals for increasing academic quality as it laid out in its *Strategic Plan 2020*. This year saw another surge in the academic qualifications of the incoming class. The Fall 2013 freshman class average SAT score of 1134 bettered that of the Fall 2012 class by nine points. The incoming class's grade point average of 3.36 bettered that of its predecessor and continued UMass Lowell's twelve-year trend of annual increases in this metric.

UMass Lowell's emphasis on strengthening research and building new academic programs has been positively impacted by the increased size of the faculty. The overall number of full-time faculty increased by 11 this year, to 541. Similarly, the overall faculty FTE increased to 695 in Fall 2013, up from 683 in Fall 2012. Yet despite the addition of 21 new tenured or tenure-track faculty in Fall 2013, the number of full-time tenure-stream faculty declined by six over the previous year.

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. In FY 2013, the average amount of research expenditures per tenure-stream faculty member was \$150,683. UMass Lowell's goal is to reach \$180,000 per tenure-stream faculty member by 2018.

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. UMass Lowell 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 one in four UMass Lowell undergraduates are first-generation college students; 28% of undergraduates identify themselves as students of color; and 83% are Massachusetts residents.

In FY 2013, 81% of undergraduate students demonstrated financial need. On average, 91% of their need was met. One in three UMass Lowell 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 three percentage points to 84%, while its six-year graduation rate jumped 0.6 percentage points, to 54.3%. Fully two-thirds of UMass Lowell's transfer students graduated in four years.

UMass Lowell's students report being very satisfied with their academic experience. The 2013 NSSE survey found that 83% 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 UMass Lowell's Carnegie class peers.

SERVICE TO THE COMMONWEALTH

UMass 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 UMass 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."

UMass Lowell supports a strong K-12 system in the region through literally scores of partnerships and programs. UMass 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 11% over the previous year, and represents a five-year trend of year-on-year growth in the double digits. Additionally, AY 2013 saw the largest number of online course registrations to date, at 22,522.

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 UMass Lowell's financial cushion and improving financial health.

Private funds raised annually increased again this year, by over 10% to \$19.3 million. Return on Net Assets saw an expected decrease this year, to 13.4%, a figure which is still well above the peer average. UMass Lowell's financial cushion increased slightly to 23.1%, on par with the peer average.

n.b. All peer comparisons throughout the 2014 "Annual Indicators" document were generated using UMass Lowell's peers as of 2012. These are listed at the end of the "Definitions" section.

2014 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of First-Time Freshmen	3.36
• Average SAT Scores of First-Time Freshmen	
<i>Arithmetic Mean</i>	1134
<i>25th – 75th Percentile</i>	1040-1210
• Average GPA of Transfer Students	3.09
• Student Satisfaction with Educational Experience	83%
• Number of Doctoral Degrees Awarded	102
• Postdoctoral Appointments	22
• Total Research Expenditures	\$63.1M
• Federal Research Expenditures	\$27.4M
• Total R&D/Tenure-Stream Faculty	\$150,683
• Number of Patent Applications	20
• License Income	\$386,000
• New Tenured/Tenure-Track Faculty Hired	21
• Change in Tenured/Tenure-Track Faculty	-6
• Change in Total Faculty FTE	+ 12
• Faculty Awards	data not available
• National Academy Members	data not available

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	33%
• % of Need Met for In-State Students Awarded Need-Based Aid	91%
• Percent of Undergraduates from MA	83%
• Online Course Registrations	22,522
• Rate of Growth in Online Course Registrations	11%

** NOTE: Data on these measures are currently based on the inclusion of \$6.0M 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	28%
• % of Undergraduates who are First Generation in College	28%
• Percent Undergraduates who have English as Second Language	n/a
• Percent Undergraduates who are International	3.1%
• Undergraduates who participated in UML-sponsored Study Abroad Program	107
• Freshman One-Year Retention Rate	84%
• Freshman Six-Year Graduation Rate	54%
• Transfer (Full-time) One-Year Retention Rate	81%
• Transfer (Upper Division) Four-Year Graduation Rate (<i>n.b. under review for accuracy</i>)	64%

SERVICE TO THE COMMONWEALTH

• Percent Alumni who remain in MA	61%
• Enrollment in STEM Programs	(5,908) 35%
<i>Undergraduate</i>	(4,573) 36%
<i>Graduate</i>	(1,335) 32%
• Degrees Awarded in STEM Fields	(1,005) 34%
<i>Undergraduate</i>	(701) 34%
<i>Graduate</i>	(304) 36%
• MTEL Math and Science Takers	16

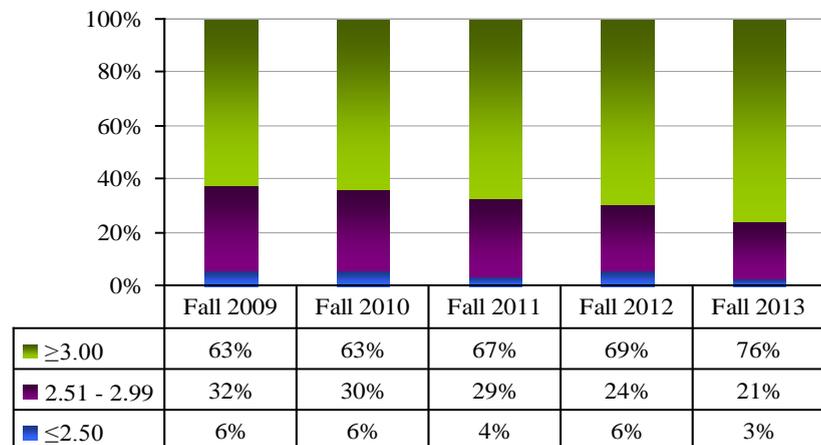
FINANCIAL HEALTH

• Total Endowment**	\$66.1M
• Annual Growth In Endowment**	20%
• Endowment Per Annualized Student FTE**	\$4,819
• Private Funds Raised Annually	\$19.3M
• Return on Net Assets	13.4%
• Financial Cushion	23.1%
• Debt Service To Operations	5.8%
• Deferred Maintenance per GSF	\$155

ACADEMIC QUALITY

High School GPA of First-Time Freshmen

For the twelfth year in a row, the average weighted high school GPA of UML's incoming first-year class has exceeded 3.00. The average high school GPA continued its upward trend, jumping to 3.36 in Fall 2013. Fully three-quarters of the entering class reported high school GPAs equal to or above 3.00.



	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Average	3.17	3.19	3.27	3.29	3.36

Average SAT Scores of First-Time Freshmen

The first-year class's average SAT score surged yet again this year to 1134, an increase of 9 points over the Fall 2012 figure. This, along with the continued strength of both the 25th and 75th percentiles underscores the University's emphasis on improving the quality of the incoming class.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
75th Percentile	1160	1170	1190	1210	1210
25th Percentile	1000	1000	1020	1030	1040
Average	1083	1089	1113	1125	1134
Peer Median					
75th Percentile	1180	1190	1190	1200	1210
25th Percentile	965	980	990	990	1000
UML Rank					
75th Percentile	8	6	4	2	2
25th Percentile	3	2	2	2	2

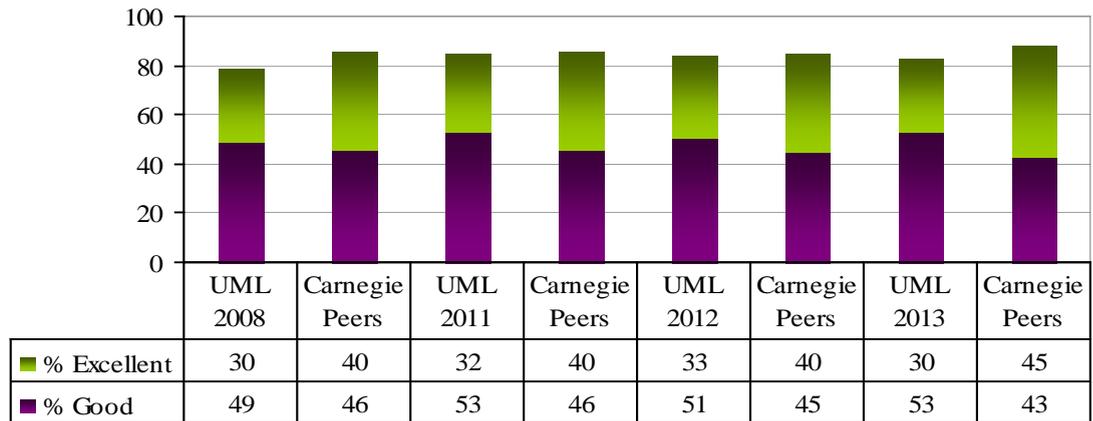
Average GPA of Entering Transfer Students

The average GPA for entering transfer students has remained relatively stable for the past five years, but has steadily trended slightly higher each year. The Fall 2013 figure is the highest in recent memory, at 3.09.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
UML	3.06	3.04	3.07	3.08	3.09

Student Satisfaction with Educational Experience

Four out of five of UML's seniors consistently rate their educational experience at the University as either "Good" or "Excellent." In the 2013 administration of the National Survey of Student Engagement (NSSE), just over eighty-three percent of seniors rated their experience as such. This is on par with UML's most recent ratings, but continues to slightly trail the rating given by UML's peer institutions within the same Carnegie classification.



Doctoral Degrees Awarded

Nine more doctoral degrees were awarded by UML in 2012-13 than in the previous year, continuing a strong four-year increasing trend. With the recent addition of new doctoral programs in Global Studies, Pharmaceutical Sciences, Criminal Justice, and Business, we expect this number to continue its upward climb.

<i>UML Doctoral Degrees Awarded</i>	2008-09	2009-10	2010-11	2011-12	2012-13
<i>Research/Scholarship Doctorates</i>	56	49	57	58	66
<i>Professional Practice Doctorates</i>	24	18	26	35	36
<i>Total Doctoral Degrees Awarded</i>	80	67	83	93	102

<i>Research/Scholarship Doctorates</i>	2008-09	2009-10	2010-11	2011-12	2012-13
<i>UML</i>	56	49	57	58	66
<i>Peer Median</i>	78	85	89	81	96*

Beginning with FY 2010, 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.

*Calculated based on IPEDS provisional release data.

Postdoctoral Appointees

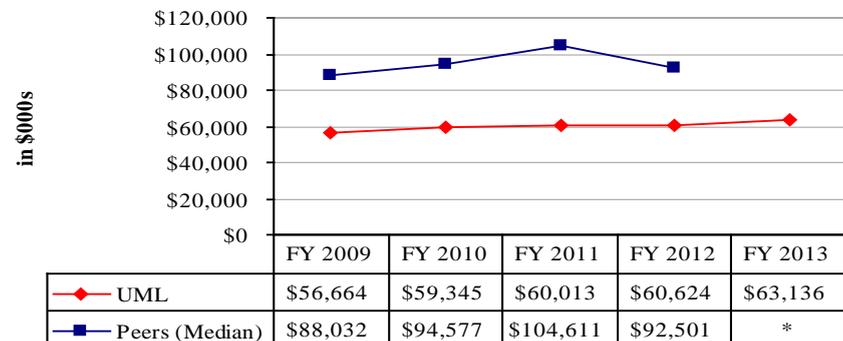
The number of postdoctoral appointments fell slightly this year, down 1 to 22. In 2012-13, 18 of the 22 were funded by grants.

	2008-09	2009-10	2010-11	2011-12	2012-13
<i>UML</i>	28	26	26	23	22

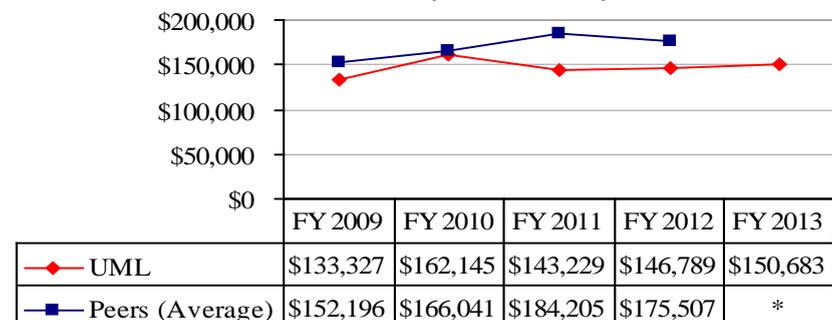
Total Research & Development (R&D) Expenditures

UML's total research and development expenditures as reported to the National Science Foundation (NSF). FY 2013 continues a six-year trend of increasing annual R&D expenditures, as well as increasing annual R&D expenditures per tenure-stream faculty. 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 June 2014, the peer data for FY2013 was not yet available.

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 FY 2013, 20 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. In FY 2013 there were 30 total patent applications (20 U.S. and 10 international), compared to 38 in FY 2012 and 28 in FY 2011.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UML	15	26	21	19	20

License Income

The license income shown represents total revenues (licensing fees/royalties plus patent reimbursements). The three-year rolling average for FY 2013 is \$592K, a slight increase over last year's \$581K.

Total License Income (in thousands)

	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UML</i>	\$341	\$352	\$1,130	\$261	\$386

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 to our tenure-stream faculty, 12 new NTT lecturers and 19 visiting faculty joined the faculty in AY 2014.

	<i>AY 2009-10</i>	<i>AY 2010-11</i>	<i>AY 2011-12</i>	<i>AY 2012-13</i>	<i>AY 2013-14</i>
<i>UML</i>	8	19	17	26	21

Change in Tenured/Tenure-Track Faculty

The number of tenure-stream full-time faculty in Fall 2013 decreased slightly over Fall 2012. However, the overall number of full-time faculty (without regard to tenure status and including clinical faculty and NTT Lecturers) jumped this year to 541, an increase of 11 over 2012. UMass Lowell remains strongly committed to strengthening the faculty.

	<i>Fall 2009*</i>	<i>Fall 2010*</i>	<i>Fall 2011*</i>	<i>Fall 2012*</i>	<i>Fall 2013*</i>	<i>1-year Change</i>
<i>UML</i>	405	406	413	419	413	-6

*These figures include tenured faculty with administrative assignments.

Change in Faculty FTE

The significant increase in faculty FTE since 2009 is due to UML's emphasis on strengthening research and building new academic programs.

	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>	<i>1-year Change</i>
<i>UML</i>	559	643	654	683	695	12

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. Research faculty are not included in this metric.

Faculty Awards

This figure presents the number of faculty awarded prominent grants or fellowships, based on the list compiled annually by the Arizona Center for Measuring University Performance (MUP). If one also takes into consideration the awards compiled by Academic Analytics, however, UML faculty received 98 prominent awards in FY 2013. Of note, 1 UML faculty member was named a Guggenheim Fellow, and another, a National Associate of the National Academies.

	2008	2009	2010	2011	2012
<i>UML</i>	0	0	2	1	*
<i>Peers (Median)</i>	1.5	4.5	2.5	5	*

*As of June 2014, the data for 2012 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

	2008	2009	2010	2011	2012
<i>UML</i>	0	0	0	0	*
<i>Peers (Median)</i>	0.5	0.5	0.5	1	*

*As of June 2014, the data for 2012 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 2012, fully one-third of UML's in-state undergraduates qualified for and received a Pell Grant, a proportion that has remained steady for the past three years.

	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2012
<i>UML</i>	22%	27%	33%	35%	33%

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 six-year trend.

<i>Percent Need Met</i>	2008-09	2009-10	2010-11	2011-12	2012-13
<i>UML</i>	96%	95%	95%	92%	91%

(For full-time undergraduates.)

<i>Percent Need Met</i>	2008-09	2009-10	2010-11	2011-12	2012-13
<i>UML</i>	96%	94%	94%	92%	91%

(For both full-time and part-time students.)

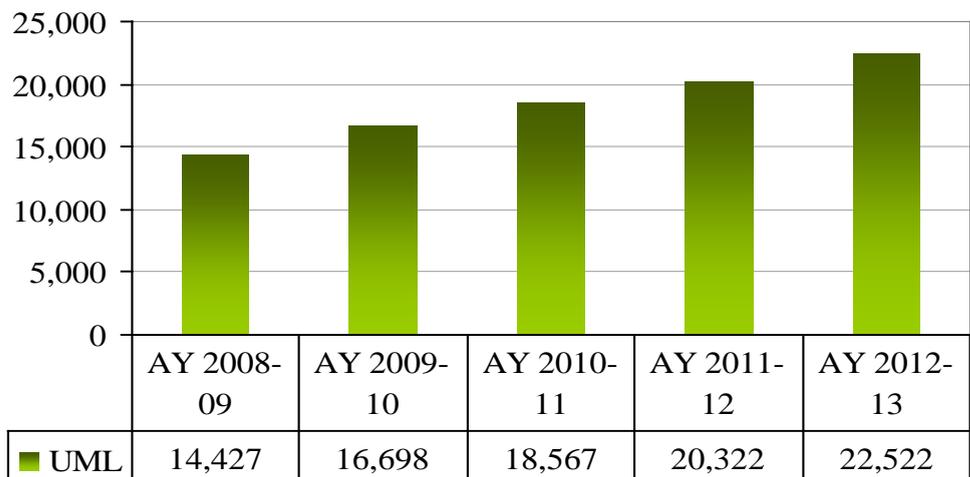
Percent Undergraduates from Massachusetts

Massachusetts residents continue to comprise the majority of UMass Lowell undergraduate students (both Day and OCE). Again this year, approximately five out of every six students hail from Massachusetts.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Number</i>	9,076	9,693	9,939	10,229	10,556
<i>Percent</i>	86%	86%	85%	83%	83%

Online Course Enrollments

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 AY13. Online course registrations continue their upward climb. Again this year, they are at their highest point ever: 22,522, an 11% increase over AY12.

	AY 2008-09	AY 2009-10	AY 2010-11	AY 2011-12	AY 2012-13
<i>UML</i>	16%	15%	11%	10%	11%

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 continued to increase again this year, and in Fall 2013 they comprised 28% of undergraduates.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Number</i>	2,116	2,604	3,054	3,211	3,235
<i>Percent</i>	23%	25%	28%	29%	28%

Percent Undergraduates who are First Generation in College

This year saw an increase in the proportion of freshmen and senior respondents to the NSSE survey who reported that neither parent had attended college, to 28%.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
<i>Percent</i>	n/a	n/a	24%	21%	28%

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	Fall 2013
Percent	NA	NA	NA	NA	NA

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 continue to rapidly increase, with Fall 2013 seeing a jump of 48% over the prior year. 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 1,077 international students in Fall 2013, representing 6.4% of the overall student body.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Number	57	64	129	259	399
Percent	0.7%	0.6%	1.1%	2.1%	3.1%

Number of Undergraduates who Participated in a Study Abroad Program

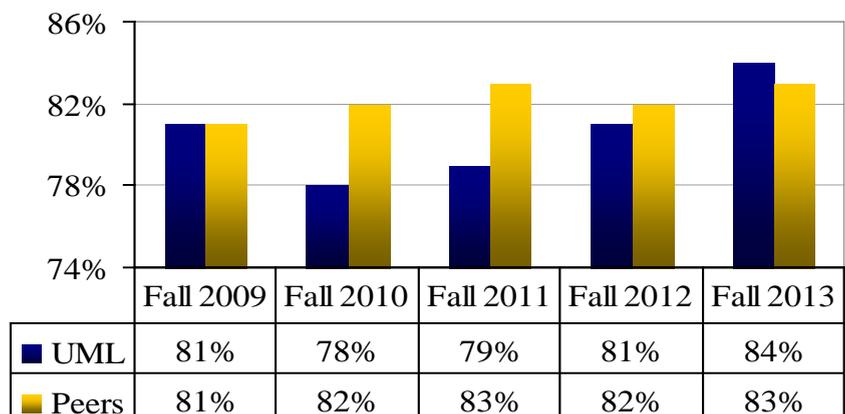
The number of students choosing to study abroad remains strong as a result of efforts to engage students in international programs.

	Fall 08- Summer 09	Fall 09- Summer 10	Fall 10- Summer 11	Fall 11- Summer 12	Fall 12- Summer 13
UML	74	85	138	95	107

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

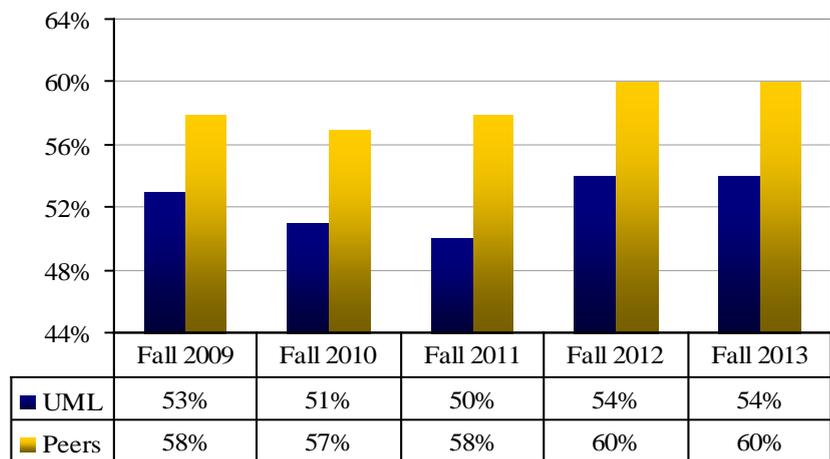
UML's freshman retention rate jumped three percentage points this year, to 84%. UML's rate has now overtaken the average rate of its peers.



Freshman Six-Year Graduation Rate

UMass Lowell's six-year graduation rate increased by over half a percentage point this year, to 54.3%. This rate continues an upward trend since Fall 2011, and compares favorably to the University's historical 6-year graduation rates.

(*n.b.* The cohort reported for Fall 2013 is the Fall 2007 freshman cohort.)



Transfer (Full-Time) One-Year Retention Rate

Transfers comprised 39% of UMass Lowell's new undergraduate student pool in Fall 2013. Their one-year retention rate has remained steady since 2009, rising slightly this year to 81%.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
UML	77%	77%	78%	79%	81%

Transfer (Upper Division) Four-Year Graduation Rate*

The four-year graduation rate for upper-level transfer students fell back to 64% this year. The three-year rolling average also decreased, from 71% last year to 66% this year.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Upper-Level Transfer					
4-yr Graduation Rate	65%	77%	65%	70%	64%

*These figures are currently under review for accuracy.

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 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013
Undergraduate	63%	63%	64%	64%	63%
Graduate	60%	55%	52%	54%	54%
All	62%	62%	62%	62%	61%

Enrollment in STEM Programs

Again this year, UMass Lowell increased the number of students participating in STEM programs at both the undergraduate and the graduate level. The percentage of all students in STEM programs has steadily increased since Fall 2009, consistently comprising one-third of UML's student body.

Undergraduate

<i>Enrollment</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>
<i>Total</i>	10548	11260	11729	12287	12734
<i>STEM</i>	3150	3548	3936	4335	4573
<i>Percent STEM</i>	30%	32%	34%	35%	36%

Graduate

<i>Enrollment</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>
<i>Total</i>	3,054	3,426	3,702	4,007	4,198
<i>STEM</i>	907	982	1,049	1,135	1,335
<i>STEM Master's</i>	582	612	647	689	843
<i>STEM Doctoral</i>	325	370	402	446	492
<i>Percent STEM</i>	30%	29%	28%	28%	32%

Total Enrollments

<i>Enrollment</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>
<i>STEM</i>	4,057	4,530	4,985	5,470	5,908
<i>Percent STEM</i>	30%	31%	32%	34%	35%

Certificates

<i>Enrollment</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>Fall 2011</i>	<i>Fall 2012</i>	<i>Fall 2013</i>
<i>Total</i>	658	777	853	801	723
<i>STEM</i>	68	223	204	184	182
<i>Percent STEM</i>	10%	29%	24%	23%	25%

Degrees and Certificates in STEM Fields

More than one-third of UMass Lowell's degrees are consistently awarded in STEM fields, and the absolute number of both degrees and certificates 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.

Undergraduate

<i>Degrees</i>	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>
<i>Total Degrees</i>	1,366	1,514	1,678	1,872	2,079
<i>STEM</i>	389	564	518	624	701
<i>Percent STEM</i>	28%	37%	31%	33%	34%

Graduate

<i>Degrees</i>	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>
<i>Total Degrees</i>	682	674	732	832	847
<i>STEM</i>	298	331	326	316	304
<i>STEM Master's</i>	269	265	282	278	251
<i>STEM Doctoral</i>	29	30	44	38	53
<i>Percent STEM</i>	44%	49%	45%	38%	36%

Total Degrees

<i>Degrees</i>	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>
<i>STEM</i>	687	895	844	940	1,005
<i>Percent STEM</i>	34%	41%	35%	35%	34%

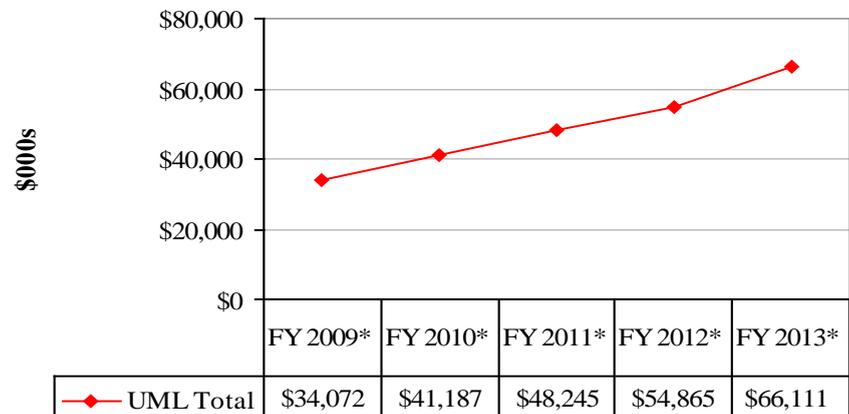
Certificates

<i>Certificates</i>	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>
<i>UG Total Certs.</i>	126	103	96	110	124
<i>STEM</i>	98	72	58	68	71
<i>Percent STEM</i>	78%	70%	60%	62%	57%
<i>G Total Certs.</i>	227	288	295	390	392
<i>STEM</i>	28	36	52	50	45
<i>Percent STEM</i>	12%	13%	18%	13%	11%

FINANCIAL HEALTH

Total Endowment and Annual Growth in Endowment

UMass Lowell's FY 2013 total endowment amount increased by over \$11M. This is the fourth consecutive year that has seen a jump in the size of the endowment, and is by far the largest year-on-year increase in terms of real dollars in the past five years.



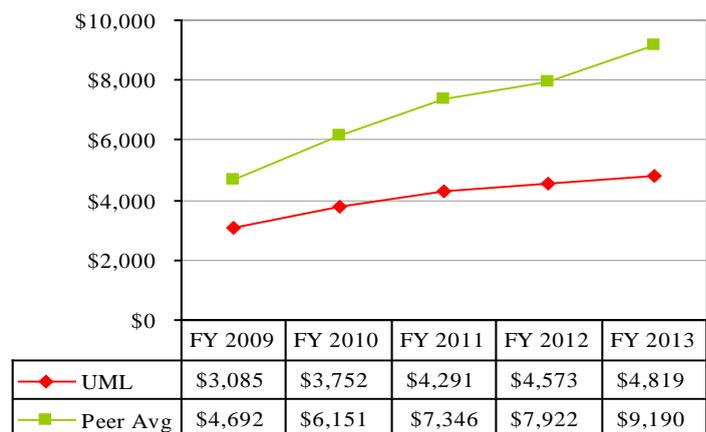
*These figures include funds from UMass Lowell's independent Alumni Association (a 501(c)3 organization) which houses additional endowed funds directed toward the benefit of students at UMass Lowell. In FY 2013 these funds totalled \$6.0M.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Annual Growth	-10%	21%	17%	14%	20%

Endowment per Annualized Student FTE

The Endowment Per Annualized Student FTE continued to increase this year, topping \$4,800 in FY 2013. This continues a five-year trend of steadily-increasing figures.

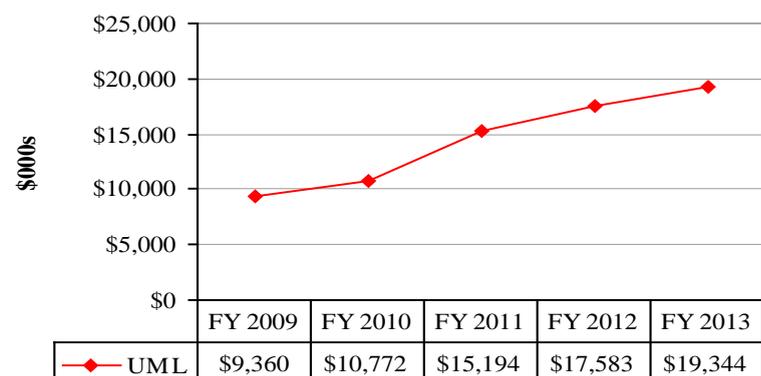
n.b.: This FTE was provided by Institutional Research. FY 2013 peer average endowment data came from IPEDS provisional release data, and from audited financial statements published on university websites.



Private Funds Raised Annually

In FY 2013, the amount of private funds raised annually by UMass Lowell increased 10% over the previous year, to \$19.3 M.

n.b. These figures represent cash and commitments.



Return on Net Assets

FY 2013 saw an expected decrease in Return on Net Assets of five percentage points compared to FY 2012. UMass Lowell will continue to make strides towards improved financial health through revenue enhancement and expenditure control.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
<i>UML</i>	13.2%	42.2%	16.2%	18.9%	13.4%
<i>Peers</i>	0.3%	8.9%	9.7%	8.7%	*

**Peer data for FY 2013 is not yet available.*

Financial Cushion

UMass Lowell's FY 2013 financial cushion, which measures available unrestricted resources, increased slightly in FY 2013 to 23.1%. Efforts to grow revenues and control expenditures are being implemented each year to stimulate and maintain continued growth.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
<i>UML</i>	11.9%	22.6%	26.7%	21.9%	23.1%
<i>Peers</i>	16.6%	18.2%	19.5%	23.4%	*

**Peer data for FY 2013 is not yet available.*

Debt Service to Operations

The FY 2013 Debt Service to Operations ratio was 5.8%, a slight (and predicted) increase over last year's ratio. As indicated in last year's report, 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 2009	FY 2010	FY 2011	FY 2012	FY 2013
<i>UML</i>	4.2%	4.0%	4.2%	4.7%	5.8%
<i>Peers</i>	3.2%	3.1%	3.7%	4.2%	*

**Peer data for FY 2013 is not yet available.*

Deferred Maintenance per GSF

This ratio provides a relative measure of the amount of deferred maintenance at a campus. The analysis performed in FY 2010 was further refined in 2012 to include additional costs of construction to address deferred maintenance. Historical figures were revised this year due to the availability of additional information in the FY 2013 season. The campus continues to use data generated through the Sightlines process to benchmark and track progress.

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
<i>UML</i>	\$199.48	\$183.64	\$179.18	\$174.17	\$154.79

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 are 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 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.

Student Satisfaction with Educational Experience.

Percent of seniors responding on the NSSE survey that their educational experience at UMass Lowell was “Excellent” or “Good.”

Doctoral Degrees Awarded. Number of doctoral degrees awarded for the 2013 academic year, which includes the August 2012, February 2013 and May 2013 award dates. These include both Research/Scholarship and Professional Practice doctorates. Peer comparison data is 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 FY 2010, 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; Vice Provost for Research.

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/Tenured-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 Tenured/Tenure-Track Faculty. The difference in the number of tenured/tenure-track faculty from one fall semester to the next. For the 2014 PMS report, the difference will be between the figure for Fall 2013 and Fall 2012. 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 2014 PMS report, the difference will be between the figure for Fall 2013 and Fall 2012.

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*. Source: Arizona Center for Measuring University Performance.

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 (In-State) 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.

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.

Online Course Enrollments. The total annual online (distance education) course registrations.

Annual Growth in Online Course Enrollments. The year-on-year percent increase in the annual number of online (distance education) course registrations.

STUDENT SUCCESS AND SATISFACTION INDICATORS

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

Percentage Undergraduates Who are First-Generation in College. First-generation college students are those neither of whose parents attended a postsecondary institution. This estimate is drawn from the National Survey for Student Engagement (NSSE), which is administered only to freshmen and senior students.

Percent Undergraduates with English as a Second Language. Percentage of undergraduates whose first language was not English. The survey which captures this information, the Cooperative Institutional Research Program's (CIRP) Freshman Survey, was not fielded at UMass Lowell this year.

Percent Undergraduates who are International. Percentage of undergraduates who are non-resident aliens, studying at UMass Lowell on a student visa and enrolled in credit-bearing courses. Does not include U.S. citizens, permanent residents, or refugees. UMass Lowell also reports the university total, which includes graduate students.

Number of Undergraduates who Participated in a Study Abroad Program. The number of undergraduate students who were reported as having taken for-credit instruction. It should be noted that only those students who accessed such programs through the UMass Lowell Office of Study Abroad and International Experiences are included here. (Source: IIE Open Doors survey)

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

Freshman Six-Year Graduation Rate. Percent of first-time, full-time, degree-seeking freshmen who entered in a given fall and graduated from UMass Lowell by the end of their sixth year. 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 a given 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 graduated within four years.

SERVICE TO THE COMMONWEALTH INDICATORS

Percent 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.

Degrees and Certificates Awarded in STEM Fields. The number of undergraduate degrees, 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 completed their program at UMass Lowell and took the Massachusetts Tests for Educator Licensure (MTEL) subject tests in science and math fields.

FINANCIAL HEALTH INDICATORS

Total Endowment, Endowment Growth, and Endowment per Annualized Student FTE. The total value of the endowment at the end of the most recent fiscal year and the percent change from previous year is reported. UMass Lowell includes in its endowment those funds held by UMass Lowell's independent Alumni Association, a 501(c)3 organization which funds are directed toward the benefit of UMass Lowell's students. The per-student ratio is

based on total annualized FTEs, including non-degree seeking students in OCE.

n.b. Because UMass Lowell includes its independent Alumni Association's funds in the endowment figures reported here, these figures will differ from those found in the UMass Foundation report to the Board of Trustees. This methodology is different from that used by the other UMass campuses. Therefore, any comparisons should be done with caution.

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 2014 ANNUAL INDICATORS

UMass Worcester continues to focus successfully on mission-specific priorities as highlighted by the recent election of a fifth faculty member - Professor of Molecular Medicine Michael R. Green, MD, PhD – to the National Academy of Sciences. Resource constraints common to all academic health science centers have required the campus to carefully allocate investments. Occupancy of the Albert Sherman Center by key research and educational programs has proceeded according to plan, supporting recent achievements in clinical and translational research, the new medical education curriculum, and faculty recruitment and development initiatives.

Ongoing research and faculty achievement and strong efforts in resource maximization and operational efficiencies continue, while the campus undergoes a critical strategic planning process. Strategic plan workgroups that include faculty, staff and students from across the enterprise are working closely to create a rational plan that acknowledges financial pressures, including stagnant state support, that require UMass Worcester to prioritize educational and research initiatives.

Research and development activity continues to be a foundation for the future, although federal NIH cuts have unquestionably affected research support; projections for the near term include increased competition for a shrinking federal research pool. The UMass Worcester faculty continue to compete favorably for funding and achievements.

- Academic quality: The Worcester campus continues to attract exceptionally qualified 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 negative 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. Recent accreditation visits to the schools of medicine and nursing were exceptionally positive.
- The quality and reputation of the UMass Worcester faculty continues to grow. In addition to Dr. Green's elevation to the National Academy, recent accomplishments include Thomas Fazio, PhD being named to a Presidential Early Career Award for Scientists and Engineers (the third UMass Worcester faculty member so honored); and Third year medical student Jacob Kushkuley is among 70 of the nation's top medical and veterinary students selected to participate in the HHMI Medical Research Fellows Program.
- 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 gene therapy, RNA therapeutics, clinical and translational science and outcomes research are creating new opportunities for research growth and faculty recruitment. A licensing agreement with a prominent venture capital firm resulted in the formation of a new company devoted to developing therapeutics based on UMW discoveries.
- 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 is now in place to 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 2015 *US News* ranking places the SOM 5th in the nation for primary care; 49th 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.

UMass Worcester is no different than peer institutions in facing economic challenges that continue to force difficult decisions in support of strategic priorities. The campus is

committed to mapping and achieving new and ambitious strategic goals, supported by a realistic plan for its vision: to remake 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 - UMass Worcester is positioned well to respond.

2014 ANNUAL INDICATORS AT A GLANCE**ACADEMIC QUALITY**

• Average Biology MCAT Scores	11
• Student Satisfaction w/ Educational Experience	95%
• Doctorates Awarded	176
• Post-Doctoral Appointees	394
• Total R&D Expenditures	\$245.9M
• Total R&D Expenditures Per FT Faculty	\$176,415
• Federal Research Support Per FT Faculty	\$119,858
• NIH Funding For Medical Schools	\$129.3M
• Rank in US News (Primary Care)	5 th
• Patent Applications	62
• License Income	\$33.8M
• AUTM Ranking of Licensing Income	11 th
• New Tenured/Tenure-Track Faculty	13
• Change in Tenured/Tenure-Track Faculty	+2
• Change in Faculty FTE	-73
• Faculty Awards	16
• National Academy Members	5
• Howard Hughes Investigators	7

ACCESS AND AFFORDABILITY

• Tuition & Fees	\$22,887
• Tuition & Fees (Including Adjust. for Learning Contract)	\$ 17,319

STUDENT SUCCESS AND SATISFACTION

• Match Rate/ Choice of Residency	97%
• Licensure/Certification Pass Rates	
<i>USMLE Step 1</i>	99%
<i>USMLE Step 2 (CK)</i>	99%
<i>USMLE Step 2 (CS)</i>	99%
<i>GSN State Certification</i>	100%

SERVICE TO THE COMMONWEALTH

• Percent Alumni Who Live in MA	59%
• Enrollment in STEM Programs	385
• Degrees Awarded in STEM Fields	55
• Service to State Agencies	\$364.5M

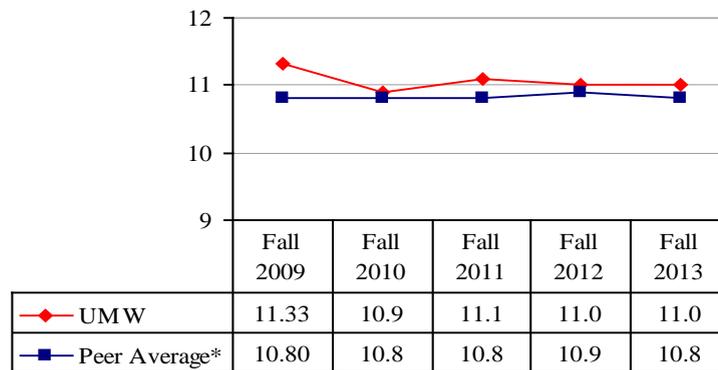
FINANCIAL HEALTH

• Total Endowment	\$171.4M
• Endowment Per Student	\$156,104
• Private Funds Raised Annually	\$32.1M
• Return on Net Assets	5.1%
• Financial Cushion	27.1%
• Debt Service to Operations	5.8%
• Deferred Maintenance per GSF	\$80

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 Medical Schools.



Peer Source: AAMC Medical Schools

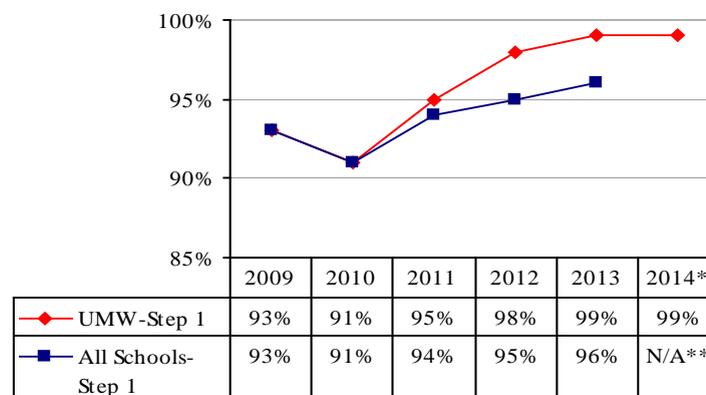
* Note: 2009-12 Peer Average scores are updated to reflect changes in peer source due to AAMC customized charges.

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.



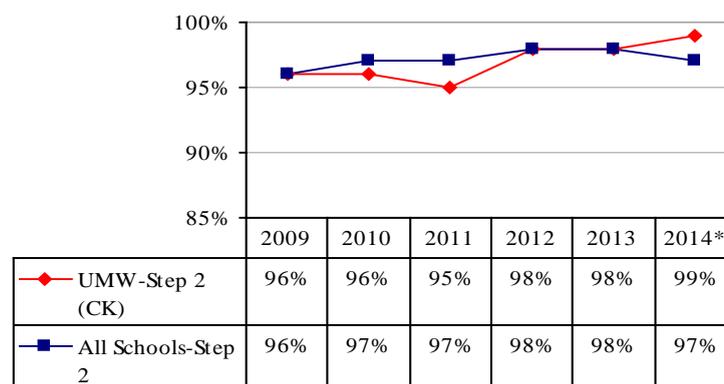
Source - National Board of Medical Examiners: Performance of Examinees

*1st-time test-takers (n=112) who took Step 1 between 1/1/14-4/27/14

** All Schools-Step 1 data is currently not available.

Note: Raw data pulled on 5/7/14 from NBME website, awaiting preliminary report with UMMS and National data.

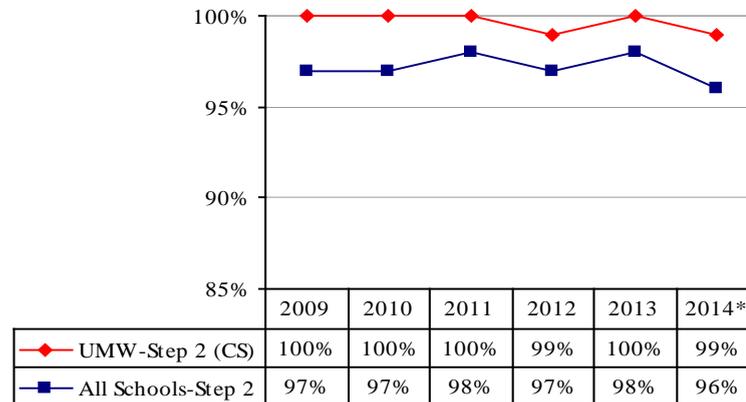
Peer Comparison - All U.S. and Canadian Medical Schools, Data by Academic Year



*1st-time test-takers (n=99) who took Step 2 (CK) between 7/1/13-2/7/14 Data from NBME preliminary report released on 3/12/14 Peer Comparison - All U.S. and Canadian Medical Schools, Data by Academic Year

Source - National Board of Medical Examiners: Performance of Examinees.

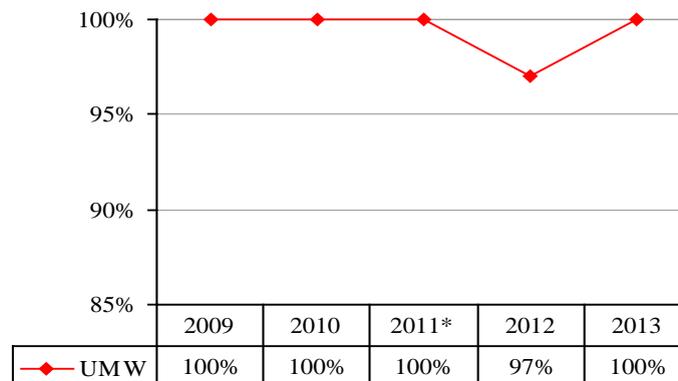
Pass Rates on USMLE Step 1 and Step 2 (CK, CS) (Cont'd)



Source - National Board of Medical Examiners: Performance of Examinees
 *1st-time test-takers (n=93) who took Step 2 (CS) between 7/9/13-1/24/14
 Data from NBME preliminary report released on 4/17/14
 Peer Comparison - All U.S. and Canadian Medical Schools, Data by Academic Year

Pass Rates on Nursing Board Certification

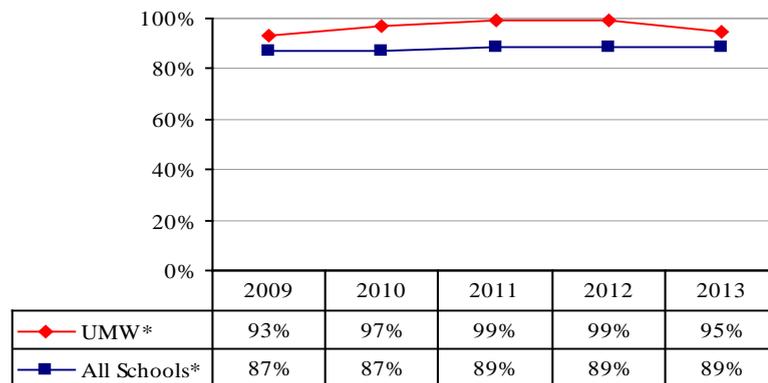
Nursing Board certification signifies advanced registered nurses who have met requirements for clinical and functional practice in a specialized field, pursued education beyond basic preparation, and received the endorsement of their peers. After meeting these criteria, health care professionals take certification examinations based on nationally recognized standards of practice to demonstrate their knowledge, skills, and abilities within the defined specialty. All registered nurses who wish to practice in Massachusetts must pass the certification examination (NCLEX-RN). Several other states have a similar requirement. GSN has maintained very high pass rates compared to the national average, which range from 83% - 90%.



Data by Calendar Year
 *Note: 2011 data was updated because data provided this year was collected based on calendar year (not academic 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 all AAMC medical schools.



Source: *AAMC Graduate Questionnaire Medical Schools, Data by Class Year*

*Note: 2010 All-Schools percentage and 2012 UMW percentage were updated due to rounding.

Doctoral Degrees Awarded

In 2013, 176 doctorates were awarded, including 52 research/scholarship and 124 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.

<i>UMW Doctoral Degrees Awarded</i>	2008-09	2009-10	2010-11	2011-12	2012-13
<i>Research/Scholarship Doctorates</i>	55	47	66	66	52
<i>Professional Practice Doctorates</i>	99	105	89	119	124
<i>Total Doctoral Degrees Awarded</i>	154	152	155	185	176

Source: *IPEDS Completions*

<i>UMW Research/Scholarship Doctorates</i>	2008-09	2009-10	2010-11	2011-12	2012-13
<i>UMW</i>	55	47	66	66	52
<i>Peer Median</i>	93	114	99	103	NA*

Source: *IPEDS Data Center*

* 2012-13 Peer Median data is currently not available.

Note: 2009-2012 Peer Median updated to better align with UMW biological/biomedical sciences and health professions and related programs.

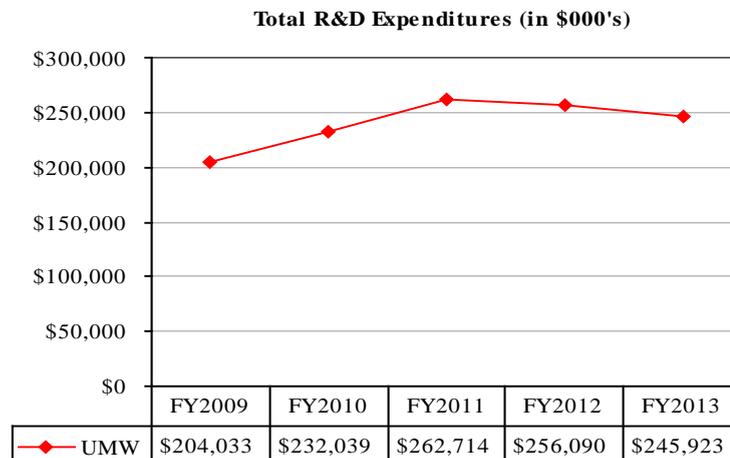
Postdoctoral Appointees

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

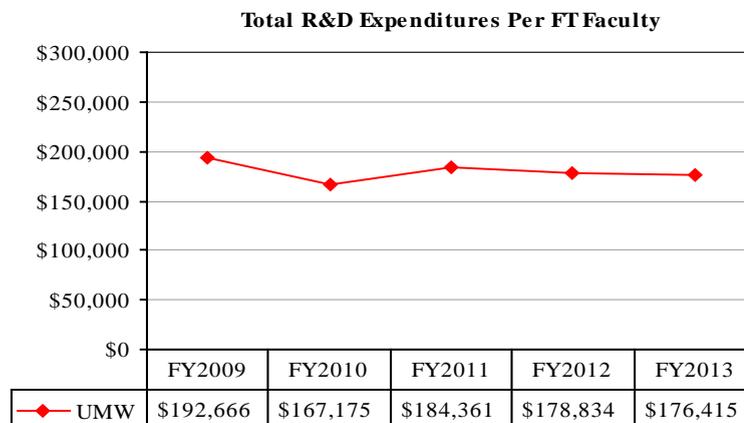
	2009	2010	2011	2012	2013
<i>UMW</i>	357	440	480	325	394

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.



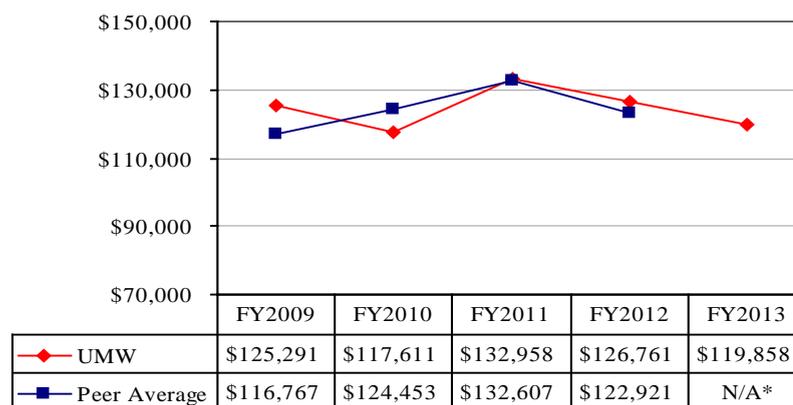
Source: NSF (R&D expenditures at all universities and colleges with a medical school, All funds).



* Note: FY09-FY10 FT faculty count updated due to change in methodology.

Federal Research Support per Full-Time Faculty

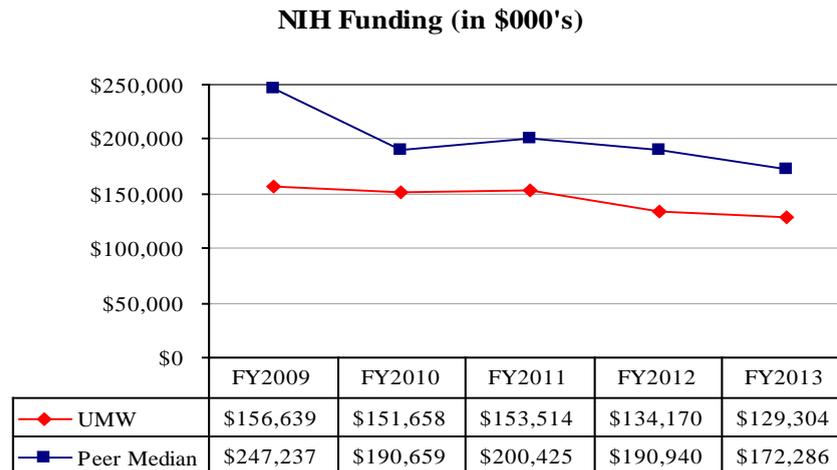
Federal Research Support per Faculty is a rough measure of faculty involvement in research. The amount of funding through federal research grants and contracts is a standard for measuring the success of a medical institution's faculty in achieving research goals. The 20-school peer average comes from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



Source: AAMC Ad Hoc Report, 20 school peer list
 * FY2013 Peer Average data is currently not available.
 Note: FY09-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: FY09 peer median was 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 2010	FY 2011	FY 2012	FY 2013	FY 2014
UMW	9	8	7	9	5

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 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMW	55	64	47	39	62

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 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMW	\$70,791	\$38,377	\$34,821	\$52,642	\$33,823

AUTM Ranking of License 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 2012. FY 2012 is the most recent data available.

Rank	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMW	8	13	14*	11	NA**
Total	149	150	154*	155	NA**

* Note: FY 2011 data is updated to align with previous methodology - excluding research hospitals.

** FY 2013 data is currently not available.

New Tenured/Tenure-Track Faculty Hired

In FY 2013, 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 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMW	16	15	8	13	13

Change in Tenured/Tenure-Track Faculty

There were two more tenured/tenure-track faculty as of June 30, 2013 compared to June 30, 2012. UMW continues to grow its faculty in support of the on-going growth of the basic and translational research enterprises.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	1-Year Change
UMW	224	239	243	246	248	2

Change in Faculty FTE

The total FTE, both tenured/tenure track and non-tenured, is stable as of June 30, 2013, as the campus continues the support of the on-going plan to grow the clinical and research enterprises.

	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	1-Year Change
UMW	1,509	1,594	1,613	1,605	1,532	-73

* FY09-FY11 faculty FTE updated due to change in methodology to include all three schools on UMW Campus.

Faculty Awards

Based on most recent up-to-date data available in the Top American Research Universities, 2011 Annual Report; public and private Institutions ranked separately; Peer data for medical schools separate from parent university not readily available.

	2008	2009	2010	2011	2012
UMW	18	16	17	16	NA**

Source: *The Top American Research Universities, 2011 Annual Report.*

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

**2012 Data is currently not available.

National Academy Members

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

	2008	2009	2010	2011	2012
UMW	3	5	5	5	6

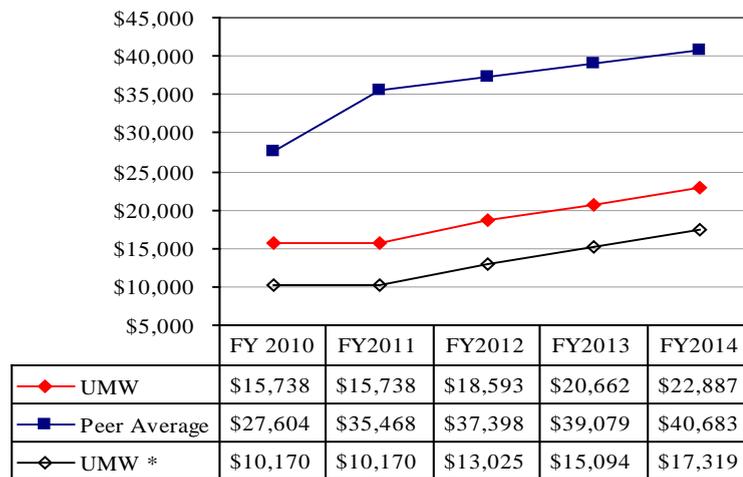
Source: The Top American Research Universities Annual Report.

*Note: National Academy includes Royal Society.

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.



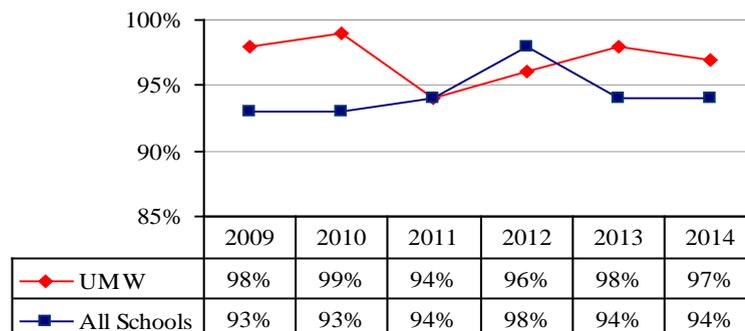
* UMW Tuition and Fees adjusted for learning contract

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 2014, of the students going through the NRMP, 97% 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-nine percent of UMW alumni live in Massachusetts as of Fall 2013.

	Fall 2009	Fall 2010	Fall 2011	Fall 2011	Fall 2011
Graduate	55%	56%	59%	51%	59%

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 2009	Fall 2010	Fall 2011	Fall 2011	Fall 2011
Total Enrollment	1,033	1,100	1,128	1,106	1,091
STEM Enrollment	407	439	416	398	385
Percent STEM	39%	40%	37%	36%	35%

Degrees Awarded in STEM Fields

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

		Graduate				
	2008-09	2009-10	2010-11	2011-12	2012-13	
Total	215	195	203	243	233	
STEM	57	51	68	64	55	
STEM	27%	26%	33%	26%	24%	

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.

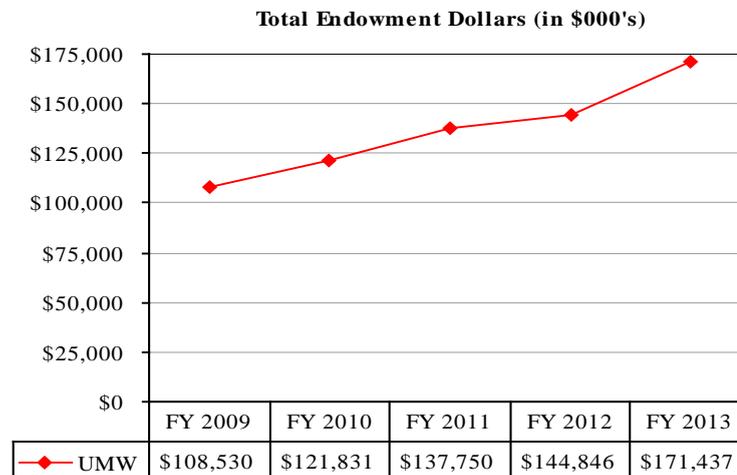
(In \$000's)

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMW	\$370,392	\$393,088	\$461,389	\$332,180	\$364,482

FINANCIAL HEALTH

Total Endowment Assets and Annual Growth in Endowment

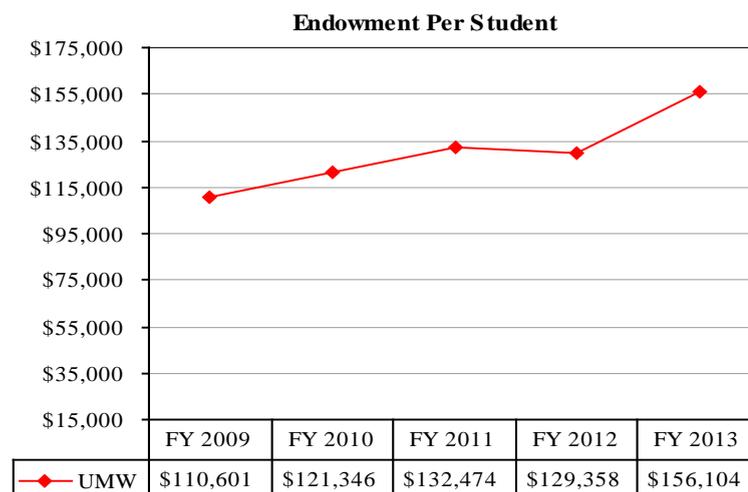
The endowment has grown significantly over the last several years as available cash has been transferred into quasi-endowment. The ratio provides a measure of the long term financial health of the institution, relative to the number of students. This indicator is not readily comparable to other UMass 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

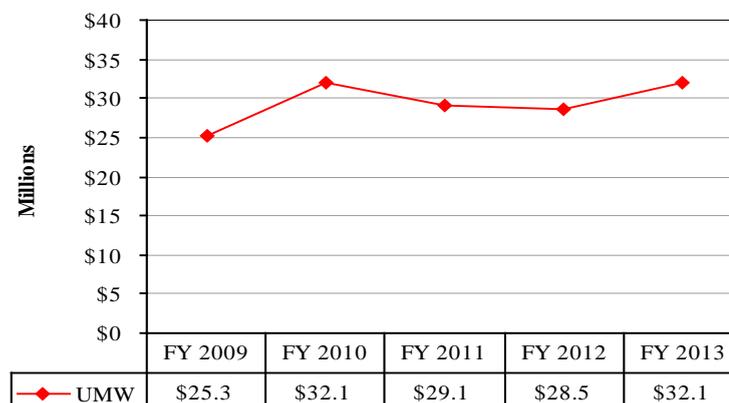
	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
UMW	-0.90%	12.26%	13.07%	5.15%	18.36%

Source: FY 2013 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 2013 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 are not readily available.

	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMW</i>	2.3%	0.5%	2.2%	6.7%	5.1%

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 are not readily available.

	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMW</i>	22.2%	18.1%	16.7%	26.0%	27.1%

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 are not readily available.

	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMW</i>	3.0%	2.1%	2.7%	3.9%	5.8%

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.

	<i>FY 2009</i>	<i>FY 2010</i>	<i>FY 2011</i>	<i>FY 2012</i>	<i>FY 2013</i>
<i>UMW</i>	\$56	\$57	\$61	\$69	\$80

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

Mean Biology MCAT Score. Mean biology MCAT score for new medical students. Peer data calculated from AAMC website.

Doctoral Degrees Awarded. Number of Doctorates awarded for the academic year 2013 which includes September 2012, January 2013, and May 2013 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 FT 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 Full-Time 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.

Number of 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 of Licensing Income. Ranking of licensing income as reported on the Association of University Technology Managers (AUTM) Annual Licensing Survey.

New Tenured/Tenured-Track Faculty Hired. 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. 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 Rates on USMLE Step 1 and Step 2 (CK, CS). 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 registered

nursing graduates from all graduate nursing schools in the United States. Peer data not available.

Student Satisfaction With Educational Experience. 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 UMass Worcester 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 Assets and Annual Growth in Endowment. UMass Worcester endowments including Foundation endowments and quasi-endowments.

Endowment per FTE Student. UMass endowments including Foundation endowments and quasi-endowments divided by FY 2013 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 2012		Fall 2011		Fall 2010	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	21,928	12,267	21,812	12,450	21,373	12,114
GRADUATE STUDENTS	6,308	110	6,272	69	6,196	94

OFFENSE	Calendar Year		
	2012	2011	2010
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE*	15	13	12
SEX OFFENSES, NON-FORCIBLE	0	0	0
ROBBERY	1	1	1
AGGRAVATED ASSAULT	8	5	15
BURGLARY	62	36	59
MOTOR VEHICLE THEFT	1	1	6
ARSON	1	4	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>	1	3	2
LIQUOR LAW ARRESTS**	339	396	371
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	609	941	1853
DRUG LAW ARRESTS**	31	33	56
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	35	27	26
ILLEGAL WEAPONS POSSESSION ARRESTS	3	5	8
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.

**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 2012		Fall 2011		Fall 2010	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	12,124	0	11,866	0	11,568	0
GRADUATE STUDENTS	3,750	0	3,875	0	3,886	0

OFFENSE	Calendar Year		
	2012	2011	2010
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE*	13	2	2
SEX OFFENSES, NON-FORCIBLE	0	2	0
ROBBERY	21	7	7
AGGRAVATED ASSAULT	21	8	24
BURGLARY	23	5	2
MOTOR VEHICLE THEFT	16	0	0
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>	3	2	0
LIQUOR LAW ARRESTS	1	0	0
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	4	1	0
DRUG LAW ARRESTS	14	21	0
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1	4	4
ILLEGAL WEAPONS POSSESSION ARRESTS	6	4	1
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	1	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. UMB campus does not have residence halls.

Clery Act Crime Statistics

UMass Dartmouth

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2012		Fall 2011		Fall 2010	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	7,562	4,156	7,580	4,200	7,749	4,342
GRADUATE STUDENTS	1,648	80	1,645	63	1,683	53

OFFENSE	Calendar Year		
	2012	2011	2010
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE	5	2	4
SEX OFFENSES, NON-FORCIBLE	0	0	0
ROBBERY	4	2	1
AGGRAVATED ASSAULT	15	15	12
BURGLARY	29	28	19
MOTOR VEHICLE THEFT	1	2	6
ARSON	25	24	24
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	1	0
LIQUOR LAW ARRESTS	42	43	130
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	211	180	120
DRUG LAW ARRESTS	3	11	10
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	139	147	88
ILLEGAL WEAPONS POSSESSION ARRESTS	5	2	4
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.

Note: Fall 2009 data for Number of Students living on campus have been revised since the last publication (PMS 2011).

Clery Act Crime Statistics

UMass Lowell

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2012		Fall 2011		Fall 2010	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	12,734	3,593	11,729	3,113	11,260	3,034
GRADUATE STUDENTS	4,198	52	3,702	40	3,426	31

OFFENSE	Calendar Year		
	2012	2011	2010
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE	2	6	2
SEX OFFENSES, NON-FORCIBLE	0	0	0
ROBBERY	4	3	4
AGGRAVATED ASSAULT	10	16	8
BURGLARY	28	27	13
MOTOR VEHICLE THEFT	10	4	10
ARSON	0	0	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>	1	0	0
LIQUOR LAW ARRESTS	5	14	20
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	325	387	388
DRUG LAW ARRESTS	6	4	13
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	56	23	7
ILLEGAL WEAPONS POSSESSION ARRESTS	5	3	4
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1	3	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.

Clery Act Crime Statistics

UMass Worcester

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2012		Fall 2011		Fall 2010	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	0	0	0	0	0	0
GRADUATE STUDENTS	1,160	0	1,189	0	1,158	0

OFFENSE	Calendar Year		
	2012	2011	2010
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE	1	0	0
SEX OFFENSES, NON-FORCIBLE	0	0	0
ROBBERY	0	0	0
AGGRAVATED ASSAULT	2	0	0
BURGLARY	5	2	0
MOTOR VEHICLE THEFT	1	1	1
ARSON	0	1	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	0	1	2
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	0	0
DRUG LAW ARRESTS	11	3	0
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	0	0
ILLEGAL WEAPONS POSSESSION ARRESTS	2	1	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.