



PERFORMANCE MEASUREMENT SYSTEM

The University of Massachusetts 2011 ANNUAL INDICATORS REPORT

**Office of Institutional Research
UMASS President's Office
June 2011**



The University of Massachusetts

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UNIVERSITY OF MASSACHUSETTS

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2011 REPORT ON ANNUAL INDICATORS **University Performance Measurement System**

Message from the President

I am pleased to present the University of Massachusetts *2011 Report on Annual Indicators*. A copy is being posted on our web site so that the citizens of the Commonwealth and all other interested parties will be able to measure our progress in a public, transparent manner. The University of Massachusetts is proud to have been the first public institution in Massachusetts and one of the first in the country to begin a comprehensive self-analysis 14 years ago.

As this report demonstrates, the University continues to make significant progress in achieving our long-term goals and fulfilling our 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 more than 68,000 students, the vast majority of whom are sons and daughters of the Commonwealth. We conduct close to \$550 million in research that leads to groundbreaking discoveries and spins-off companies that create jobs and fuel economic growth. And, our graduates remain in Massachusetts, entering the workforce in critical fields such as nursing, primary care medicine, computer science, the life sciences and teaching.

Like every institution and household, UMass faced financial challenges in Fiscal Year 2011. As we navigate through the current environment, 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. In keeping with the University's continuing commitment to access and diversity, research and development, and international relations, several new indicators have recently been added to the report in these areas.

We hope the report illustrates our unwavering commitment to accountability, assessment, and improvement.

Major highlights of the report include:

- ❖ ***UMass continues to be accessible and affordable.***
UMass tuition and fees average 13.6% of statewide median family income, a percent much lower than that for the state's private universities (45%) and other New England public universities (16%). UMass spends approximately \$130.5 Million of its own resources on financial aid, meeting 90 percent of Massachusetts students' estimated financial need. Since 2003, total institutional financial aid has increased by \$94 Million or 267 percent.
- ❖ ***UMass serves citizens of the Commonwealth.***
Over four-fifths (85%) of UMass undergraduates are Massachusetts residents, compared with a quarter (25%) at private universities in the state.
- ❖ ***UMass' research capacity continues to grow.***
In FY 2010, the system expended \$542.7 Million in sponsored research, an increase of 11 percent over FY 2009. Furthermore, in 2009-10, the five campuses awarded a total of 552 doctoral degrees across various disciplines.

- ❖ ***UMass Worcester is consistently ranked in the top six percent of medical schools with an emphasis in primary care.***

In the 2011 *U.S. News* rankings, UMass Worcester ranked eighth among 146 medical schools with emphasis in primary care medicine.

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

UMass awarded over 13,800 degrees 2009-10, which is 15% of all undergraduate and graduates degrees awarded in the Commonwealth. The University's impact is particularly high in the following fields: computer and information sciences and health (bachelor's level), natural sciences, computer science and engineering (master's level) and education and business (doctoral level).

- ❖ ***Financial indicators compare favorably to peers.***

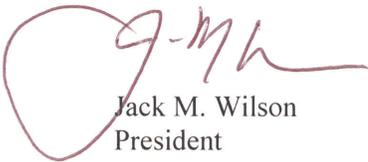
In FY 2010, the University's return on net assets, financial cushion and debt service to operations were all within the range of peer systems.

Last fall, the *Times of London* newspaper ranked the University of Massachusetts as the 56th best university in the world. We were the only public university in New England to be among the top 200 universities to appear in the World University Rankings, and we placed fourth in Massachusetts, behind only Harvard, MIT and Tufts.

And more recently, the *Times of London* published its 2011 *World Reputational Rankings*. The *Times* asked more than 13,000 leading academics from around the world: Which schools have the best students, the best faculty and the best academic and research programs? The University of Massachusetts placed 19th in the world on that list.

The University remains committed to its mission of providing an affordable and accessible education of high quality and to serving as collaborative partner with state leaders and industry to foster economic development and fuel the Commonwealth's economic recovery. Thank you for your continued interest in and support for the University of Massachusetts.

Sincerely,

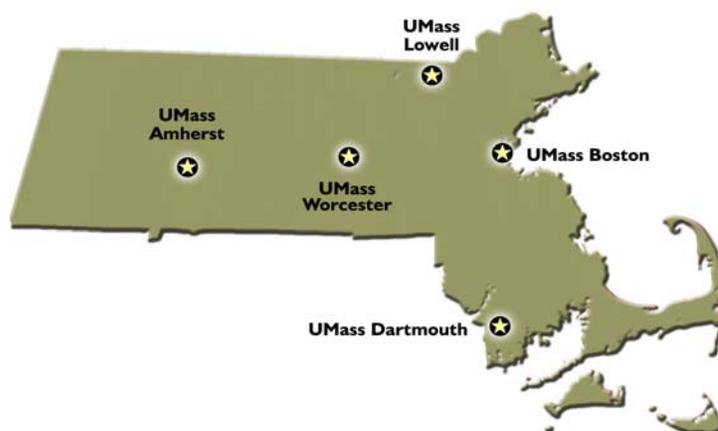


Jack M. Wilson
President

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



THE 2011 REPORT ON ANNUAL INDICATORS

The 2011 Report on Annual Indicators is the 14th 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; and*
- *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; and*
- *Develop first-rate infrastructure*

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

The report provides relevant longitudinal and comparative data to help the reader assess the information being provided. Each campus has an established peer group that contains comparable as well as “aspirant” institutions.

For the Worcester campus, the peer group consists of 20 medical schools in the United States (public and private). For all the other UMass campuses, small groups of institutions comparable in mission, size, student characteristics and programmatic mix are used.

The report presents some indicators in aggregate for the entire system, in particular those that relate to *Access and Affordability*, *Service to the Commonwealth*, and *Financial Health*. Indicators in these areas reflect decisions that rest with the system administration and the Board (such as tuition and fee levels) or describe the collective role of the campuses in serving the students and citizens of the Commonwealth (such as degree production or enrollment of Massachusetts residents). Depending on the indicator, data for the UMass system are compared with Massachusetts private universities, Massachusetts demographic data, New England public universities, or (for the financial indicators) a small group of public university systems in other states.

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

- Headlines from the 2011 Annual Indicators
- 2011 Annual Indicators at a Glance
- Data Tables and Charts
- Definitions and Sources

LEGISLATIVE PRIORITIES	UMASS STRATEGIC PRIORITIES	2011 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	
		Doctorates Awarded	
		Postdoctoral Appointees	
		Strengthen research and development	Research Expenditures (Total and per Faculty)
	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			
Enrollments in Continuing/Corporate Education			

LEGISLATIVE PRIORITIES	UMASS STRATEGIC PRIORITIES	2011 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 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		
	Administrative and IT services	Private Funds Raised Annually		
		Return on Net Assets		
	Infrastructure	Financial Cushion		
		Campus Safety		
		Debt Service to Operations		
		Total Deferred Maintenance Cost		
		Deferred Maintenance per GSF		

HEADLINES FROM THE 2011 ANNUAL INDICATORS

ACADEMIC QUALITY

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

UMass attracts highly qualified applicants. For Fall 2010, all campuses received the highest number of undergraduate applications in the last ten years. Freshmen average SAT scores were slightly higher from last year for all campuses, ranging from 1042-1167. Average high school GPA rose or remained stable, ranging from 3.03-3.61.

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

In FY 2010, the system generated \$542.7 Million in research expenditures, an increase of 11% over FY 2009. Furthermore, in 2010, the five campuses awarded a total of 552 doctoral degrees across various disciplines.

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

In the 2011 US News ranking, UMass Worcester ranked eighth among 146 medical schools with emphasis in primary care medicine.

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

In FY 2010, license income for the system totaled \$41.1 Million. UMass ranks among the top US universities in license income. Based on most current ranking data, the University is ranked 8th nationwide among institutions in terms of licensing income generated from technology transfer.

ACCESS AND AFFORDABILITY

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

UMass tuition and fees average 14% of statewide median family income, a percent much lower than that for the state's private universities (45%) and other New England public universities (16%).

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

Over four-fifths (85%) of UMass undergraduates are Massachusetts residents, compared with a quarter (25%) 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 2009-10 course enrollments for UMass Online were 45,734, a 10% increase over AY 2008-09.

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 26.5%) UMass undergraduates are Students of Color. At UMass Boston, 44% of undergraduates are students of color, making it the most diverse public university with over 4,000 undergraduates in all of New England. As a point of comparison, approximately 25.7% 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 861 international undergraduates students (2.0%) across the five campuses. The University's graduate program has a stronger international presence by comparison. International students comprise about 5% (or a total of 3,206) of the total student population - including all undergraduates, graduates, and medical students.

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

Ninety-four percent (94%) 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.***

Almost two of three (64%) Massachusetts residents enrolling in 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 13,803 degrees and certificates in 2009-10, which is 15% of all undergraduate and graduates degrees awarded in the Commonwealth. The University's impact is particularly high in the following fields: computer & information sciences and health (bachelor's level), natural sciences, computer science 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.***

Approximately three of five (60%) graduates of the University remain in the Commonwealth after graduation.

FINANCIAL HEALTH*❖ Endowment at \$459.4 Million.*

The market value of the University's endowment grew by 23.4% between FY 2009 to FY 2010, reflecting a growth rate nearly triple that of the national growth average for university endowments, at 8.1%.

❖ Financial indicators compare favorably to peers.

In FY 2010, the University's return on net assets, financial cushion and debt service to operations were all within the range of peer systems.

2011 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

- Research Expenditures \$542.7M
- License Income \$41.1M
- Doctoral awards (2009-10) 552

ACCESS AND AFFORDABILITY

- Tuition & Fees as Percent of Family Income 13.6%
- Percent Undergraduates from Massachusetts 85%
- Online Course Enrollments 45,734
- Annual Growth in Online Course Enrollments 10%

STUDENT SUCCESS AND SATISFACTION

- Percent Undergrads who are Students of Color 26.5%
- Percent Undergrads who are International 2.0%

SERVICE TO THE COMMONWEALTH

- Proportion of Mass Residents Attending Universities in MA enrolled in UMass 64%
- Enrollment of In-State Undergraduates by Region:
 - Greater Boston 36%
 - Northeastern Mass 17%
 - Southeastern Mass 16%
 - Central Mass 8%
 - Western Mass 9%
- Degrees awarded 13,803
- UMass as Percent of all Massachusetts Degrees 15%
- Percent Graduates who Remain in MA 60%
- MTEL Science and Math Test-Takers 154

FINANCIAL HEALTH

- Endowment Assets \$459.4M
- Annual Growth in Endowment 23.4%
- Private Funds Raised Annually \$131.5M
- Return on Net Assets 13.1%
- Financial Cushion 22.8%
- Debt Service to Operations 5.1%
- Total Deferred Maintenance Cost \$2.52B
- Deferred Maintenance per GSF \$117.9

ACADEMIC QUALITY

Number of Doctorates Awarded

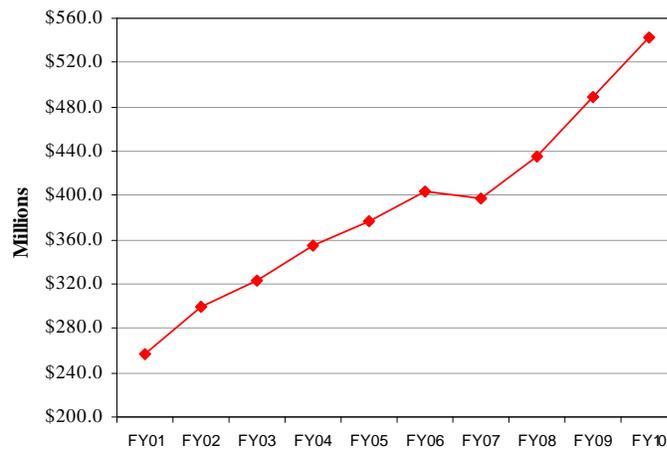
UMass campuses awarded a total of 552 doctoral degrees in the 2009-10 academic year. These include both research/scholarship doctorates and first-professional doctorates. The top five areas with the highest number of doctoral degrees awarded were Health Professions and Related Sciences (159), Biological/Life Sciences (86), Education (58), Physical Sciences (47), and Engineering (43). This count includes 105 MDs awarded by UMW.

<i>Doctorates</i>	<i>2008-09*</i>	<i>2009-10</i>
<i>UMass (All Campuses)</i>	535	552

* 2008-2009 data has been revised to include MD degrees awarded by UMW.

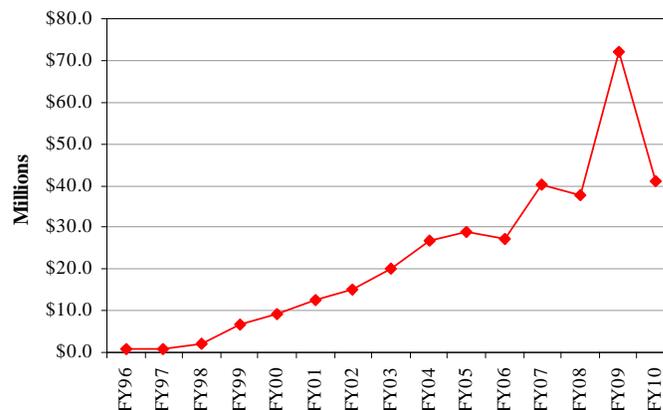
Research Expenditures

Research and Development expenditures is an indicator of an institution's research capacity. At UMass, R&D expenditures continue to grow. For FY 2010, the amount was \$542.7 Million. Most of the University's R&D expenditures are in the science and engineering fields. Over the last ten years (FY 01-FY 10), R&D expenditures more than doubled, with a growth rate of 111%. Last year (FY 09-FY 10), R&D expenditures reflected a 10.6% growth rate.



License Income

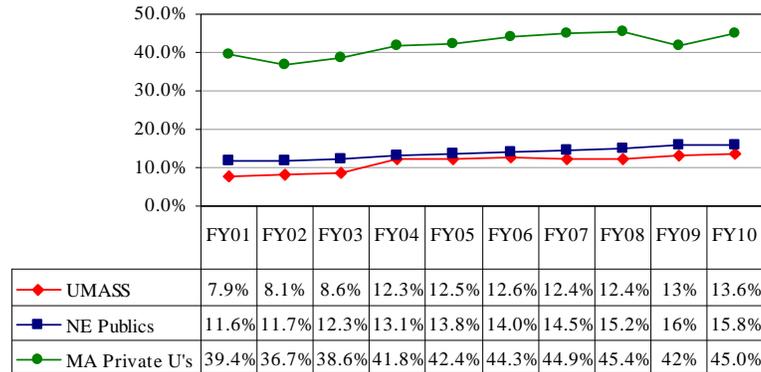
License Income is a measure of the economic value of an institution's inventiveness and a contributor to the University's economic health. It is difficult to predict when or for what products or processes a license will begin to generate significant income. License income for UMass totaled \$41.1 million in FY 2010, reflecting a -43% increase from FY 2009. It is important to note that FY 2009 represents a unique year as it includes \$30M up-front payment to UMMS from Merck for the licensing of a human monoclonal antibody combination, developed at the Massachusetts Biologic Laboratories. Based on most current ranking data (2009), the University is ranked 8th nationwide among academic institutions in terms of licensing income generated from its technology transfer operation.



ACCESS AND AFFORDABILITY

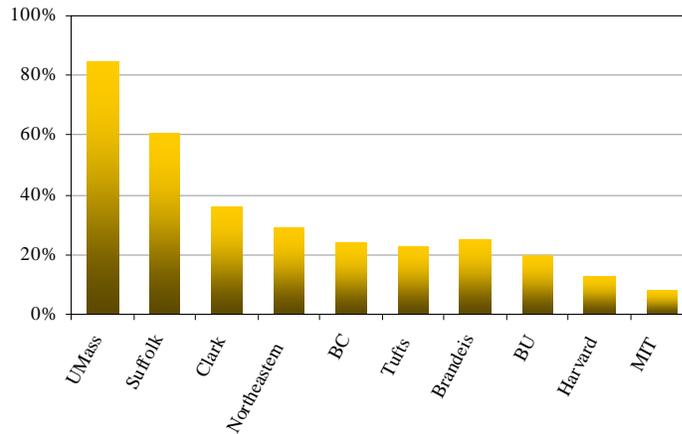
Tuition and Fees as a Percentage of Family Income

UMass average tuition and fees remain affordable relative to median family income. In FY 2010, UMass tuition and fees averaged 13.6% of statewide median family income, compared with an average of 45.0% for the state's private universities as well as an average of 15.8% for other New England public universities.



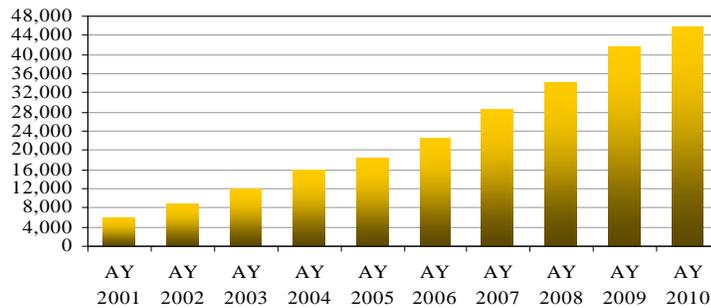
Percent Undergraduate Students from Massachusetts

The vast majority (85%) of UMass undergraduates are citizens of the Commonwealth. The percentages are highest at the more regional campuses - at Boston, Dartmouth, and Lowell, almost nine out of ten students are in-state - and lowest at UMass Amherst, where nearly eight of ten students are in-state. By contrast, 25% of undergraduates enrolled in the state's private universities come from Massachusetts. Data is consistent with prior year.



Rate of Growth in Online Course Enrollments

UMassOnline delivers 98 programs to diverse and geographically dispersed learners. Course enrollments in UMass Online continue to grow at a healthy rate. Last year showed a 10% increase in online course enrollments (AY2009-AY2010).



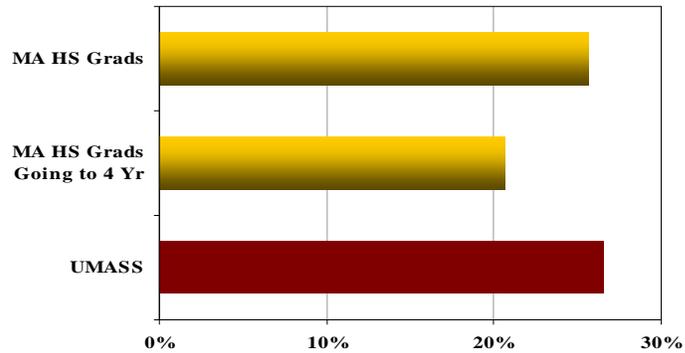
	AY 2002	AY 2003	AY 2004	AY 2005	AY 2006	AY 2007	AY 2008	AY 2009	AY 2010
Online Course Enrollments	8,999	11,978	15,743	18,464	22,682	28,543	34,246	41,677	45,734
Annual growth rate	47%	33%	31%	17%	23%	26%	20%	17%	10%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduate Students of Color

Over one-fourth (26.5%) of the University's undergraduate students are Students of Color. This is comparable to Massachusetts' public high school graduates. Students of color comprised 25.7% of the state's population of public high school graduates. Of the Class of 2010 of high school graduates, 20.6% of those who intend to enroll in a four-year college or university were students of color.

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



Percent Undergraduates who are International

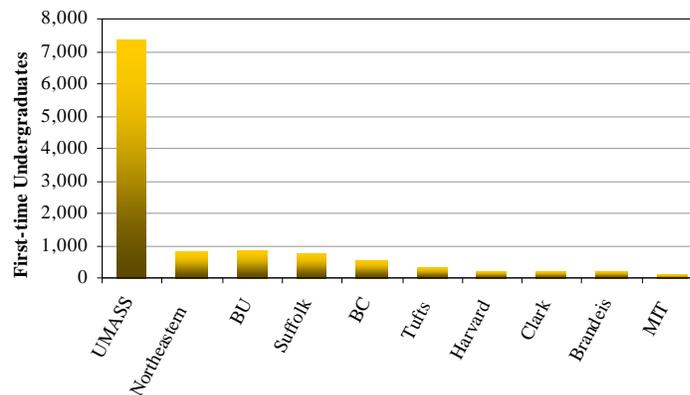
In Fall 2010, the UMass System had a total of 3,206 international students, comprising 5% of the total student population - including all undergraduates, graduates, and medical students. Approximately 2% of the University's undergraduate students are International students. The University's graduate program has a much stronger international presence by comparison, at 14%.

International (UG's)	Fall 2008	Fall 2009	Fall 2010
Number	624	734	861
Percent	1.3%	1.5%	2.0%

SERVICE TO THE COMMONWEALTH

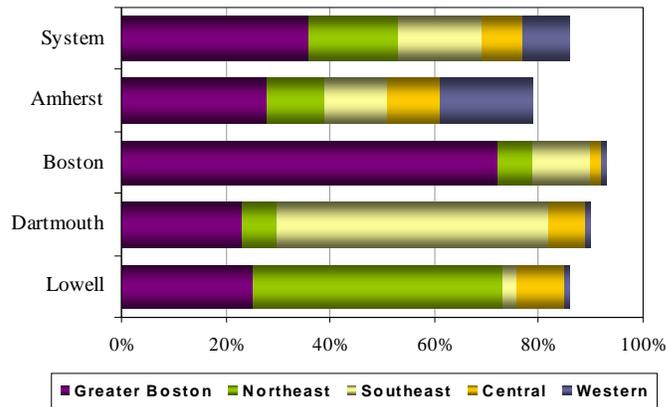
Enrollment of Massachusetts Residents

Almost two of three (64%) Massachusetts residents enrolling in universities within the state as first-time undergraduates attend the University of Massachusetts.



Enrollment by Region

UMass serves undergraduate students from all regions of the Commonwealth, with UMass Boston drawing 72% from the Greater Boston area, Dartmouth drawing 52% from Southeastern Massachusetts, and Lowell drawing 48% from the northeastern corner of the state. Twenty eight percent (28%) of Amherst's undergraduate students are from Greater Boston, and another 18% are from the Western area.

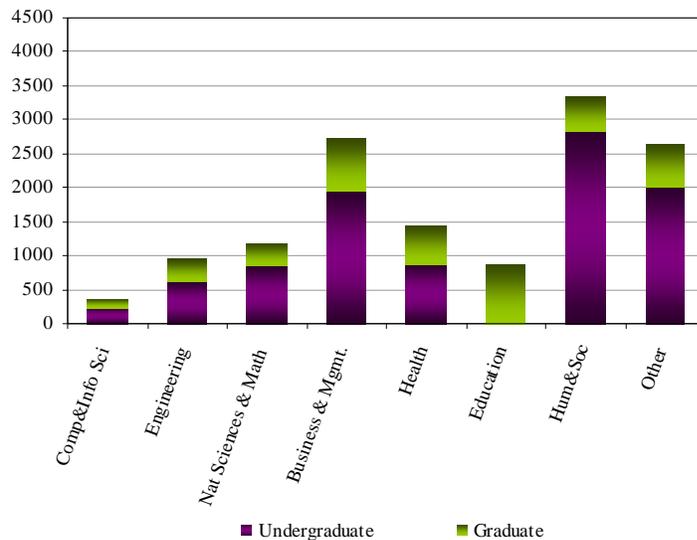


Awards Conferred by Field

In 2009-2010, 13,803 degrees and certificates were conferred by the University, reflecting a 9.3% increase from the previous year. Of these awards, 68% were at the undergraduate level and 30% were at the graduate level. The remaining 2% were associates degrees and certificates.

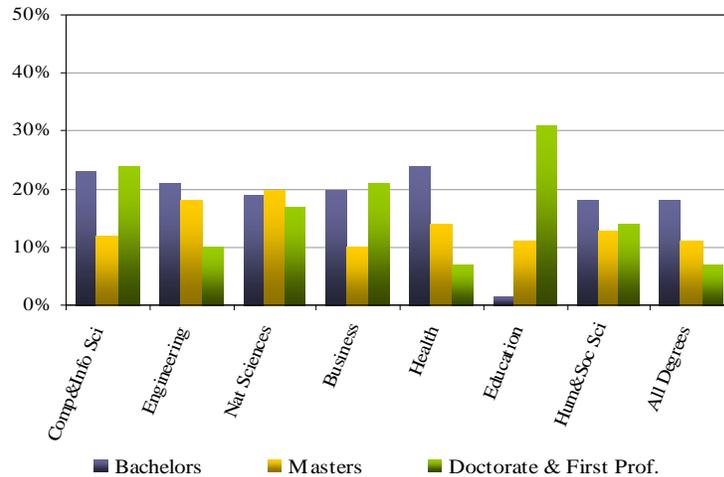
Approximately one in every ten award (11%) was in the Health Sciences and Professions, for a total of 1,453. In Education, a total of 882 degrees were awarded, 99% of which were at the graduate level. One-fourth (24%) of all the awards were in the Humanities and Social Sciences. Business/management comprised one-fifth (20%) of all awards.

The University conferred 439 (3%) awards in Computer and Information Sciences, 999 (7%) awards in Engineering and Engineering-related Technologies, and 1,204 (9%) awards in Math and Natural Sciences



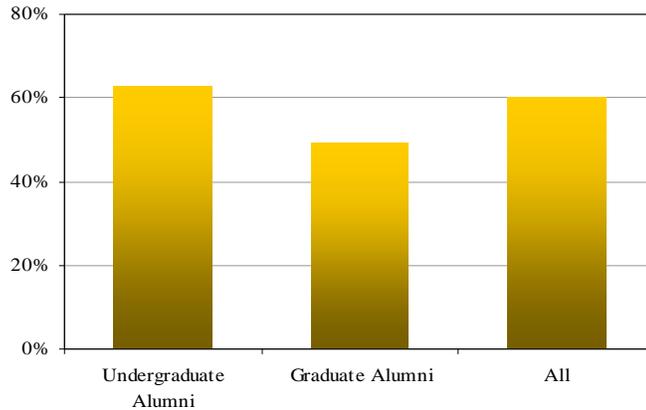
UMass Degrees as Percent of Massachusetts Degrees

The University of Massachusetts annually awarded 15% of all baccalaureate and graduate degrees (18% of bachelors, 11% of master's degrees and 7% of doctoral and first professional degrees) in the State. The University's impact at the doctoral level in education, computer and information science, and math and natural sciences is particularly high, as is its impact at the master's level in natural sciences, computer and information sciences, and engineering; at the bachelor's level the system has a strong contribution in health (which includes nursing), and computer and information sciences.



Percentage of Graduates Who Live in Massachusetts

Almost two of three (63%) undergraduate alumni and half (49%) of the graduate alumni of the University live and work in the Commonwealth of Massachusetts. In all, 60% of UMASS graduates continue to live and work in the Commonwealth.



MTEL Science and Math Test-Takers

In 2009-10, 154 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 increased by 83% over the past year is a clear reflection of the recent successes achieved by campuses in their STEM initiatives

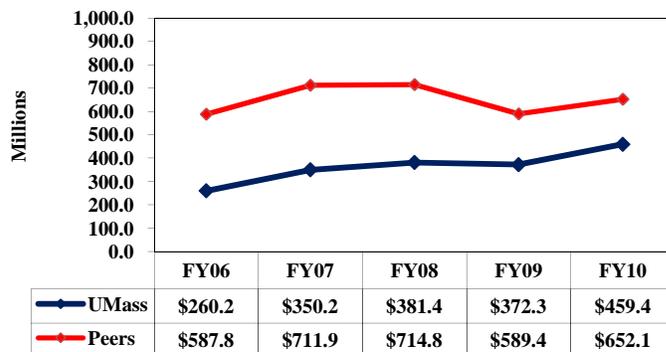
2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
72	61	71*	92	84	154

*2006-07 numbers have been revised from last year.

FINANCIAL HEALTH

Endowment Assets

UMass's endowment growth rate of approximately 23% from FY09 to FY10 was nearly triple the 8.1% national growth average for all university endowments.

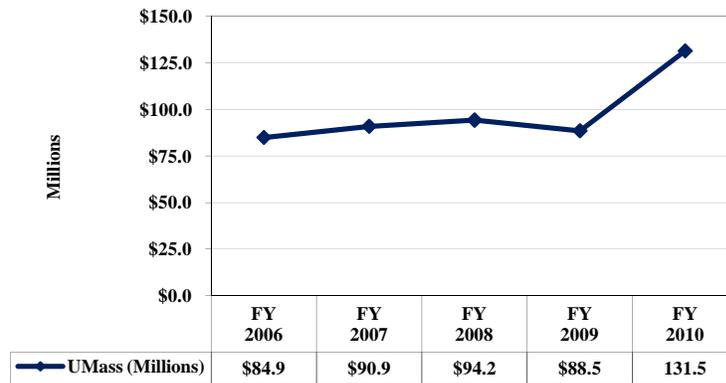


Peers do not include University of California and SUNY.

Annual Growth Rate	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
UMass		34.6%	16.2%	-2.4%	23.4%
Peers		21.1%	-8.0%	-17.5%	10.6%

Private Funds Raised Annually

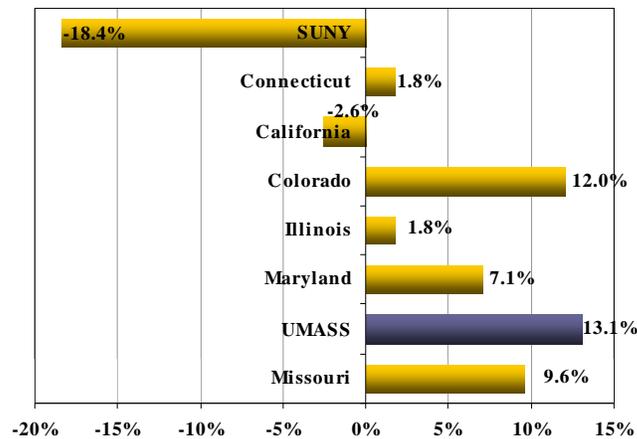
The trend in private giving has been very positive over the last year. In FY 2010, approximately \$131.5 million was raised in private funds. This is 55% greater than the funds raised in FY06.



Return on Net Assets

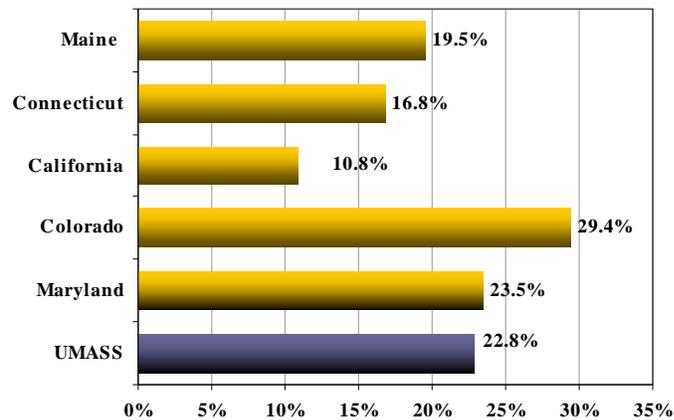
This measure provides a comprehensive measure of the growth or decline in total University wealth. This measure is best viewed over a longer period of time, however, it still helps to show if an institution is better off at the end of the fiscal year than at the beginning. A decline in this ratio may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

In FY 2010, the University's return on net assets was at the top of the range for peer systems.



Financial Cushion

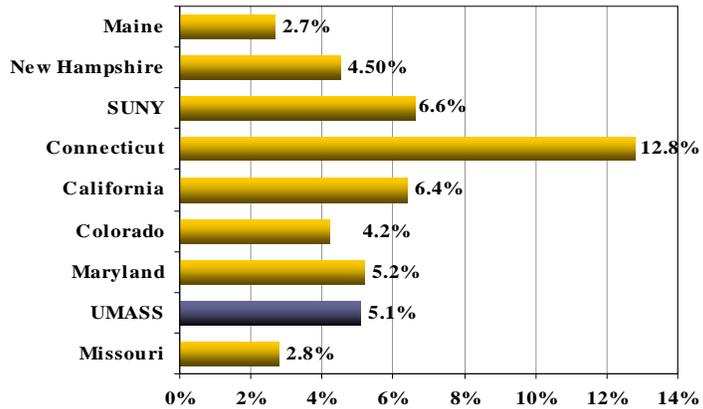
In FY 2010, the University as a whole had a financial cushion of 22.8%. This was an increase from 19.6% in FY 2009.



Debt Service to Operations

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

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



Total Deferred Maintenance Cost

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

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.

	FY 2007	FY 2008	FY 2009	FY 2010
<i>Total Deferred Maintenance Cost</i>	\$2.58 B	\$2.57B	\$2.58B	\$2.52B

Deferred Maintenance per GSF

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

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.

	FY 2007	FY 2008	FY 2009	FY 2010
<i>Deferred Maintenance per GSF</i>	\$114.26	\$118.04	\$122.80	\$117.90

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

Doctorates Awarded Total number of Doctorates awarded by UMass campuses for the academic year 2009-10, which includes September 2009, January 2010, and May 2010 award dates. The data includes both research/scholarship and first-professional doctoral degrees.

Research Expenditures. FY 2010 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 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 2010) as a percentage of state-wide median family income as reported by US Census in 2009 inflation-adjusted dollars (latest available). Comparative data are from IPEDS and US Census.

Percentage of undergraduate students from Massachusetts. Percentage of Fall 2009 undergraduate state-supported students from in-state as determined by tuition residency classification. Data for Massachusetts private universities are from Fall 2009 IPEDS or Campus IR Offices.

Rate of growth in distance education enrollments. Percentage rate of growth in annual course registrations. Does not represent headcount enrollments. Academic Year represents Fall, Winter, Spring and Summer enrollments. Data are for fully online (100%) courses only.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percentage of Undergraduate Students of Color. Fall 2010 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 2010 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 for Massachusetts private universities are from Fall 2009 IPEDS and the universities' institutional research offices.

Enrollment by region. In-state undergraduate enrollment by region for Fall 2010.

Degrees conferred by field. 2009-10 degrees conferred by UMass campuses by field. IPEDS 2009-10 Completions data.

UMass degrees as Percent of all Massachusetts degrees. Degrees awarded by UMass as % of total degrees awarded by colleges and universities in the state in 2009-10 based on IPEDS Completions Survey.

Percent of graduates who live in Massachusetts. Percentage of total undergraduate and graduate degree recipients who currently reside in Massachusetts based on alumni records as of Fall 2010.

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

FINANCIAL HEALTH INDICATORS

Endowment assets. Market value of true and quasi-endowment assets. 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 (exception: Lowell's equipment gifts in-kind were not included). Comparable peer data are not available.

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 2011 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 163 research universities. These public and private institutions 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 three of the peers, the Universities of Connecticut, Delaware, and Nebraska – Lincoln are among the 62 members of the Association of American Universities (AAU). AAU institutions are recognized for their excellence in research and education. Hence, the benchmark for the Amherst campus is quite high, and its performance is generally lower than its peers.

Student Academic Quality. The academic profile of entering students has improved in recent years, evidenced by growth in both high school GPA and SAT scores. There have been impressive gains in the high school GPA of entering students which has grown from 3.46 in 2006 to 3.61 in 2010. Ninety eight percent of students entered UMA with a high school GPA of 3.0 and above. Average SAT scores have increased by 21 points since 2006, but still fall below the median of the peer group. The campus is making progress in closing the gap. Further, seniors report high satisfaction with their undergraduate experience. Results from the National Survey of Student Engagement (NSSE) show that 87% of seniors evaluate their UMass Amherst educational experience positively.

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 increased, and the campus performs at the peer median on this measure.

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 24%, and per faculty expenditures increased by 23% in the past five years. The campus ranks among the top 70 public research universities on R&D expenditures, and its national ranking has improved from 75 in 2004 to 69 in 2008

(*TARU*). However, it consistently performs below the peer median on total spending.

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. In particular, it consistently ranks at or above the peer median on faculty awards.

In recent years, the campus invested in tenure-system faculty, but the size of the faculty is below 1,000 and considerably smaller than top public research universities. Growth in the tenure-system faculty will be required for the campus to make significant progress in improving academic quality and research productivity, and hence, advance in the research university rankings. One of the goals articulated for the campus in *The Framework for Excellence* is to increase the size of the faculty to 1,200 by 2020. New faculty hires for the coming year will allow the campus to approach 1,000 tenure-system faculty.

ACCESS AND AFFORDABILITY

Providing an affordable and accessible education of high quality is stated in the University's mission. In the 2009-10 academic year, the neediest in-state students at UMA (28%) received aid in the form of Pell grants, and 90% of financial need was met for in-state students. 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, and 69% graduate within six years. These rates have improved in recent years but remain somewhat below the peer median. The campus hopes to implement and expand programs that will enrich the college experience and ultimately increase retention and graduation rates. Such initiatives include a *First-Year Intelligence* program, expanded research and scholarship opportunities for undergraduates, and changes in the design and delivery of the General Education curriculum, including an integrative experience requirement for all upper division students beginning with the fall 2010 entering class.

The campus has made progress in increasing the diversity of the campus. The fall 2010 entering class was one of the most diverse groups of students in recent history. Many will be the first in their families to

complete the baccalaureate. The campus will continue to attract a diverse student body and to encourage greater appreciation for diverse populations on the campus.

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 2010, 28% of both baccalaureate students and master's and doctoral students were enrolled in STEM programs. These investments will continue.

FINANCIAL HEALTH

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

2011 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of Freshmen	3.61
• SAT Scores of Freshmen	
<i>Median</i>	1167
<i>25th – 75th Percentile</i>	1080 – 1250
• Average GPA of Entering Transfer Students	3.25
• Satisfaction With Major	87%
• No. of Doctorates Awarded	281
• No. of Postdoctoral Appointees	218
• Total R&D Expenditures	\$169.1M
• Federal R&D Expenditures	\$88.9M
• Total R&D/Faculty	\$168,805
• Patent Applications	28
• License Income	\$2.4M
• New Tenured/Tenure-Track Faculty Hired	32
• Change in Tenured/Tenure-Track Faculty	6
• Change in Faculty FTE	10
• Faculty Awards	12
• National Academy Members	9

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	28%
• % of Need Met for In-State Students Awarded	
Need-Based Aid	90%
• % Undergraduates from Massachusetts	80%
• Online Course Enrollments	14,856
• Annual Growth in Online Course Enrollments	10%

STUDENT SUCCESS AND SATISFACTION

• % Undergraduates who are Students of Color	20.9%
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• % Undergraduates who are First Generation in College	28%
• % Undergraduates with English as a Second Language	8%
• % Undergraduates who are International	1.4%
• Number Undergraduates who Participated in a Study Abroad Program	1,035
• Freshman One-Year Retention Rate	89%
• Freshman Six-Year Graduation Rate	69%

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM Programs	
<i>Undergraduate</i>	5,490 (28%)
<i>Graduate</i>	1,584 (28%)
• Degrees Awarded in STEM Fields	
<i>Undergraduate</i>	1,054 (22%)
<i>Graduate</i>	358(24%)
• MTEL Science and Math Test-Takers	26

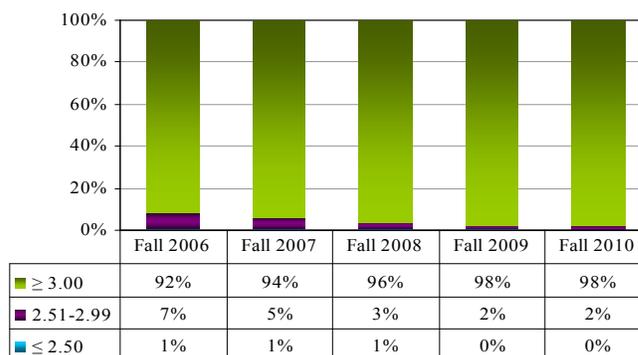
FINANCIAL HEALTH

• Endowment	\$181.5M
• Endowment Per Student	\$7,032
• Return on Net Assets	11.8%
• Financial Cushion	25.9%
• Debt Ratio	6.2%
• Deferred Maintenance per GSF	\$146

ACADEMIC QUALITY

High School GPA of Freshmen

UMass Amherst entering first-year students are strong academically with an average high school GPAs of 3.61. The Fall 2010 entering class was the strongest in the five year period with 98% of students earning a GPA of 3.0 and above in high school.



<i>Mean GPA</i>	2006	2007	2008	2009	2010
<i>UMA</i>	3.46	3.48	3.56	3.60	3.61

SAT Scores of Freshmen

First-year students entered UMA with a mean SAT of 1167. There has been improvement in SAT scores of entering students at the 25th percentile, and the campus is at the median of the peer group. However, it is at the bottom of the peer group at the 75th percentile.

<i>SAT Score</i>	2006	2007	2008	2009	2010
<i>UMA</i>					
<i>25th %ile</i>	1050	1050	1050	1060	1080
<i>75th %ile</i>	1240	1230	1260	1280	1250
<i>Peer Median</i>					
<i>25th %ile</i>	1080	1060	1070	1060	1080
<i>75th %ile</i>	1300	1290	1295	1300	1310
<i>UMA Rank</i>					
<i>25th %ile</i>	9	9	8	6	4
<i>75th %ile</i>	10	11	10	9	11

Average GPA of Entering Transfer Students

The transfer grade point average has reached a five-year high and consistently surpasses the mandated Department of Higher Education minimum of 2.00 for transfer students.

<i>Average Transfer GPA</i>	2006	2007	2008	2009	2010
<i>UMA</i>	3.18	3.14	3.16	3.23	3.25

Student Evaluation of Educational Experience

Seniors generally evaluate their UMA educational experience positively. In 2008, almost 90% of students rated their experience as good or excellent. The percentage of students who rated the experience as excellent gained six points between 2005 and 2008. Students will be surveyed again in spring 2011.



Number of Doctorates Awarded

The number of doctorates awarded at UMA stabilized in 2010. In contrast, there was a slight decline in the number of doctorates awarded at peer institutions. UMA remains near or at the bottom of the peer group.

Doctorates	2006	2007	2008	2009	2010
UMA	253	293	291	255	281
Peer Median	310	319	323	316	309
Rank	9	9	8	10	10

Postdoctoral Appointees

UMass Amherst senior faculty mentor recent PhDs with science and engineering degrees who wish to receive advanced research training. The number of post-doctoral scholars in Fall 2008 was above the peer median. This is further evidence of strong research programs.

Post-Docs	2006	2007	2008	2009	2010
UMA	182	178	224	209	218
Peer Median	162	163	221	NA	NA
Rank	5	6	5	NA	NA

Total R&D Expenditures

Total R&D spending for the campus in FY10 was about \$169 million, of which over \$165 million was in science and engineering (S&E). S&E R&D expenditures have increased by 24% in total dollars and 20% in federal dollars since FY2006. The rate of growth for the campus has exceeded that of peer institutions from FY06-09. Despite these gains, S&E expenditures were about 70% of the median of the peer group in FY09, and the relative position of UMA has not changed. Total R&D expenditures for many of the peers are not comparable because they are reported to NSF for all campuses (i.e., Indiana, Rutgers, and the Universities of Colorado, Connecticut and Nebraska). Numbers reported are from TARU which reports adjusted S&E R&D.

Total Research (\$000's)	2006	2007	2008	2009	2010
UMA	\$140,184	\$146,323	\$156,817	\$160,666	\$169,143
S&E UMA	\$136,057	\$141,351	\$152,884	\$156,216	\$164,854
S&E Peer Median	\$218,924	\$216,032	\$224,368	\$220,271	NA
Rank	9	8	8	9	NA

Federal Research (\$000's)	2006	2007	2008	2009	2010
UMA	\$71,220	\$73,485	\$80,432	\$80,950	\$89,413
S&E UMA	\$69,642	\$71,974	\$79,736	\$80,163	\$88,860
S&E Peer Median	\$105,361	\$97,112	\$102,771	\$96,483	NA
Rank	9	9	8	9	NA

Total Research Expenditures per Tenure System Faculty

The total R&D dollars per faculty increased by 19% in that same period.

Per Tenure System Faculty FTE	2006	2007	2008	2009	2010
Total	\$141,743	\$146,177	\$156,037	\$161,149	\$168,805
Federal	\$72,012	\$73,412	\$80,032	\$81,194	\$89,235

Patent Applications

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

<i>Number Patent Applications</i>	2006	2007	2008	2009	2010
<i>UMA</i>	26	32	33	27	28

License Income

Fiscal year 2010 was a record-setting year and almost \$2.4 million in licensing revenue was received. The revenue for FY 2009 and 2010 include large, one-time payments. The campus again received over \$500,000 in sponsored research support from its licensees in FY10.

<i>License Income</i>	2006	2007	2008	2009	2010
<i>UMA</i>	\$1,585,516	\$652,043	\$697,008	\$861,496	\$2,353,519

New Tenured/Tenure-Track Faculty Hired

The campus has made significant investments in tenure system faculty hires in recent years. Despite the economic downturn, there were 32 new hires in FY11. The campus will remain committed to supporting the strongest faculty possible.

	AY 2006-07	AY 2007-08	AY 2008-09	AY 2009-10	AY 2010-11
<i>UMA</i>	61	68	72	35	32

Change in Tenured/Tenure-Track Faculty

Fall 2010 saw a small one-year increase in the tenure-system faculty, and an increase of 17 since Fall 2006. Investment in faculty is required to maintain the campus as a nationally competitive public research university. One of the goals of *The Framework for Excellence* is to increase the size of the faculty to 1,200 by 2020.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	1-year Change
<i>UMA</i>	961	972	975	972	978	6

Change in Faculty FTE

Faculty full-time equivalent showed a one-year increase of 10 and has grown by 33 since Fall 2006. Half of the growth has been in tenure system faculty numbers.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	1-year Change
<i>UMA</i>	1,231	1,255	1,266	1,254	1,264	10

Faculty Awards

UMass Amherst faculty members are recipients of many prominent awards in the arts, humanities, science, engineering and health fields. In 2009, the most recent year for which there are data, the campus performed at the median of its peers.

<i>Awards</i>	2005	2006	2007	2008	2009
<i>UMA</i>	13	19	11	14	12
<i>Peer Median</i>	15	12	11	10	12
<i>Rank</i>	7	1	6	3	6

National Academy Members

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

<i>Members</i>	2005	2006	2007	2008	2009
<i>UMA</i>	9	7	9	9	9
<i>Peer Median</i>	12	11	11	10	11
<i>Rank</i>	7	8	7	7	7

ACCESS AND AFFORDABILITY

Percent Pell Grant Recipients

In-state students have demonstrated increased financial need in recent years, evidenced by the percent of students receiving Pell Grants. The campus has significantly increased its need-based institutional grant aid to support these students. This rate is competitive with other flagship campuses.

	AY2006-07	AY2007-08	AY2008-09	AY2009-10
<i>UMA</i>	22%	23%	24%	28%

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

The campus continues to enhance its commitment to need-based aid for undergraduates as it strives to provide a quality and affordable education to its students.

<i>Percent Need Met</i>	AY2008-09	AY2009-10
<i>UMA</i>	88%	90%

Percent Undergraduates from Massachusetts

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

<i>Percent UG's from MA</i>	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
<i>UMA</i>	80.1%	79.7%	80.1%	81.2%	79.7%

Online Course Enrollments

The Amherst campus offers five undergraduate and graduate degree programs and five certificate programs that can be completed partially or fully online. In addition, a variety of other courses are offered. Online course enrollments grew by 10% in the most recent year, and by over 60% since 2007.

<i>Online Course Enrollments</i>	AY 2007	AY 2008	AY 2009	AY 2010
<i>UMA</i>	9,175	11,142	13,523	14,856

Annual Growth in Online Course Enrollments

There has been considerable growth in online course enrollment on the Amherst campus in recent years. Online programs afford students flexibility in course-taking.

<i>Annual Growth Online</i>	<i>AY 2007</i>	<i>AY 2008</i>	<i>AY 2009</i>	<i>AY 2010</i>
<i>UMA</i>	NA	21%	21%	10%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduates who are Students of Color

The Amherst campus is committed to enrolling a diverse student body. This is evidenced by the growth in the proportion of undergraduates (including CPE) who are students of color. Undergraduates enrolled in Fall 2010 were the most diverse group of students in recent history.

<i>Students of Color (UG's)</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Percent</i>	17.1%	18.4%	19.2%	20.1%	20.9%

Percent Undergraduates who are First Generation in College

Although most students who enter UMass Amherst have parents who are college-educated, many students who enroll will be the first in their family to earn the baccalaureate.

<i>First Generation College-Going (UG's)</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Number</i>	1,072	995	1,251
<i>Percent</i>	26%	24%	28%

Percent Undergraduates with English as a Second Language

English is not the first language of about 8% of first-year students entering UMass Amherst. This is another indicator of the diversity of the campus.

<i>English as a Second Language (UG's)</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Number</i>	371	347	358
<i>Percent</i>	9%	8%	8%

Percent Undergraduate Students who are International

The Amherst campus attracts a small number of undergraduate international students, many of whom are studying on the campus as part of an international exchange program. In contrast, one-fourth (1,363) of graduate students are international. The campus is exploring ways to increase the number of international undergraduate students.

<i>International Undergraduate</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Number</i>	266	231	251	262	304
<i>Percent</i>	2%	1%	1%	1%	1%

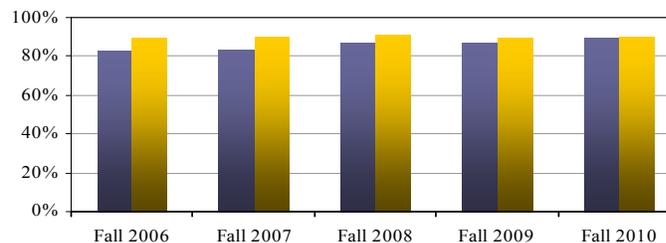
Number Undergraduates who Participated in a Study Abroad Program

Over 1,000 UMass undergraduates participated in a study abroad experience during the 2009-10 academic year. The campus encourages students to take advantage of these enriching global learning opportunities.

<i>Study Abroad (UG's)</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>
<i>Number</i>	1,008	1,015	1,031	1,035

Freshman One-Year Retention Rate

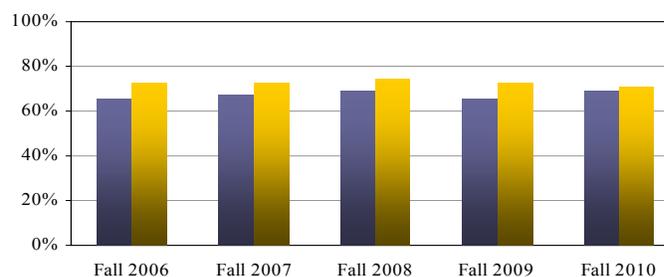
There has been a 6-point gain in the one-year retention rate since Fall 2006, and the gap in retention rates is narrowing between UMA and its peers. However, the one-year rate remains below the peer median. Improving the first-year experience and hence student retention is a campus priority, and new strategies are being developed and implemented.



	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
UMA	83%	84%	87%	87%	89%
Peer Median	89%	90%	91%	89%	90%
Rank	11	9	8	8	7

Freshman Six-Year Graduation Rate

Over two-thirds of full-time Amherst campus students graduate within six years of entrance. The 2009 rate is below the peer median, however improvements in the one-year retention rates in recent years will likely translate to higher graduation rates in the future.



	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
UMA	66%	67%	69%	66%	69%
Peer Median	73%	73%	74%	73%	71%
Rank	7	7	7	10	8

SERVICE TO THE COMMONWEALTH

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. An added 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, 28% of undergraduate and graduate students are enrolled in such programs.

Undergraduate

UMA	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Total	18,495	18,769	19,016	19,311	19,804
STEM	4,157	4,455	4,845	5,222	5,490
Percent STEM	22%	24%	25%	27%	28%

Graduate

UMA	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Total	4,998	5,018	5,105	5,505	5,632
STEM	1,453	1,413	1,393	1,491	1,584
Percent STEM	29%	28%	27%	27%	28%

Degrees Awarded in STEM Fields

Approximately one-fifth of undergraduates and one-fourth of graduate students are awarded degrees in STEM fields.

Undergraduate

UMA	2005-06	2006-07	2007-08	2008-09	2009-10
<i>Total Degrees</i>	4,038	4,235	4,431	4,573	4,851
<i>STEM</i>	953	919	911	938	1,054
<i>Percent STEM</i>	24%	22%	21%	21%	22%

Graduate

UMA	2005-06	2006-07	2007-08	2008-09	2009-10
<i>Total Degrees</i>	1,402	1,448	1,506	1,378	1,470
<i>STEM</i>	369	419	427	350	358
<i>% STEM</i>	26%	29%	28%	25%	24%

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 FY2010 the endowment was stronger due to an improvement in the stability of the financial markets when compared to FY2009. The campus is ramping up its fundraising staff, and steady growth is projected in endowment earnings.

<i>Endowment (\$000's)</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMA</i>	\$113,724	\$136,954	\$168,241	\$159,620	\$181,498
<i>Annual % change</i>	25%	20%	23%	-5%	14%

Endowment per Student

The campus endowment is one of the lowest in the country for a public flagship campus. FY2009 saw a sharp decline in the annual growth due to instability in the financial markets. FY2010 has improved as the financial markets have become more stable. Steady growth is projected in endowment earnings due to improved financial markets as well as increased fundraising activities.

<i>Endowment per FTE</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMA</i>	\$5,256	\$6,101	\$7,426	\$6,929	\$7,032
<i>Peers</i>	\$19,769	\$21,304	\$14,915	\$11,137	\$10,840

Return on Net Assets

Return on net assets for the campus is above the peer average. The ratio will remain solid through FY13 as a result of an infusion of \$175 million of state funding for capital projects over the next five years.

	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMA</i>	8.37%	17.2%	8.0%	3.7%	11.8%
<i>Peers</i>	2.97%	7.8%	5.3%	2.1%	5.5%

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, which have been designated for capital improvements are spent on these projects.

	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMA</i>	16.7%	18.2%	19.3%	18.9%	25.9%
<i>Peers</i>	22.5%	25.6%	26.8%	25.3%	27.2%

Debt Service to Operations

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

	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMA</i>	4.6%	4.2%	4.7%	5.9%	6.2%
<i>Peers</i>	4.9%	5.3%	4.8%	6.6%	5.7%

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 \$200 million of spending included in the five year projection for infrastructure improvements.

	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMA</i>	\$165	\$159	\$149

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

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

SAT Scores of freshmen. 25th & 75th percentiles of 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 Evaluation of Educational Experience. Percent of seniors who responded “good” or “excellent” to the question, “How would you evaluate your entire educational experience at this institution?” on the National Survey of Student Engagement administered in Spring 2008.

Number of Doctorates Awarded. Number of Doctorates awarded for the academic year 2010 which includes September 2009, January 2010 and May 2010 award dates. Peer data does not include formerly first professional degrees from associated professional schools.

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

Research 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.

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.

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

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

New Tenured/Tenure-track Faculty. The number of new tenured/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/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 2011 PMS report, the difference will be between the figure for Fall 2010 and Fall 2009.

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 2011 PMS report, the difference will be between the figure for Fall 2010 and Fall 2009. Definition of Faculty FTE is per the Common Data Set, and includes all faculty teaching credit courses, including credit courses offered via Continuing Education

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

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

ACCESS AND AFFORDABILITY INDICATORS

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

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

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

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

Annual Growth in Online Course Registrations.

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

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percent Undergraduate who are Students of Color.

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

Percent Undergraduates who are First Generation in College. First-generation college students are defined as those students with neither parent having earned the bachelor's degree. Data are from Cooperative Institutional Research Program (CIRP) Freshman Survey 2010.

Percent Undergraduates with English as a Second Language. Percentage of undergraduates whose first language was not English. Data are from Cooperative Institutional Research Program (CIRP) Freshman Survey 2010.

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

Number Undergraduates who Participated in a Study Abroad Program. Data are numbers of students who participated in a credit bearing study abroad program as reported on the Institute of International Education Open Doors survey for Fall 2009 through Summer 2010.

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 as reported to IPEDS.

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

SERVICE TO THE COMMONWEALTH INDICATORS

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

FINANCIAL HEALTH INDICATORS

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

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

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-New Brunswick

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 Nebraska-Lincoln

*Financial Peer

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

ACADEMIC QUALITY**Improve Student Learning Experience**

We continue to attract well-qualified freshmen and transfers to our entering classes in greater numbers. We place emphasis on the high school GPA for admissions decisions and have successfully maintained an average GPA over 3.00 for the last five entering classes. New enrollments of first-time freshmen grew to more than 1,100 in Fall 2010. The quality of our students' academic achievement is also demonstrated by the fact that, since 1999, we have had one Woodrow Wilson Foundation Thomas Pickering Foreign Affairs Fellowship awardee, four Fulbright awardees, one British Marshall scholar and two Rhodes semi-finalists. In 2008 two students applied for the Fulbright scholarship, two for the Goldwater fellowship, and we expect applications for the Gates Cambridge Scholarship for graduate study in the near future.

Strengthen Research and Development

UMass Boston continues to advance as an increasingly sophisticated research university, a strategic goal that has been reflected by a change in Carnegie Classification, moving from a "Research/Doctoral" ranking to a "Research University / High Research Activity" ranking. Between FY 2006 and FY 2010, UMass Boston's R&D expenditures reported to NSF increased remarkably from \$22 million to \$56.4 million. In terms of R&D expenditure per tenure stream faculty, we were well above our peers in FY 2009 and showed close to \$140,000 per faculty member in FY10.

The Institute for Community Inclusion (ICI) at UMass Boston has been awarded a \$16.8 million, five-year grant, the largest single grant award in university history, from the U.S. Department of Education to help state vocational rehabilitation agencies help people with disabilities find paid work in their communities.

UMass Boston's partnership with the Dana Farber Harvard Cancer Center has been awarded a prestigious \$13.7 million U54 grant by the National Institute for Health. Specifically, this partnership will focus on understanding the reasons for significant cancer disparities and the impact on racial and ethnic minority and socioeconomically disadvantaged or underserved populations. UMass Boston achieved the highest score of all proposals submitted nationally.

Renew Faculty

In AY 2009-10 UMass Boston was successful in recruiting 30 tenured or tenure-track faculty; 27% were persons of color, and 63% were female.

Tenure stream faculty increased 2% in AY 2009-10. 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, fulfilling our mission of access to diverse populations. 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. Our graduates speak over 90 different languages in their homes, reflecting enrollments from regional immigrant communities from many different parts of the world. In keeping with the University's strategic goal of global engagement the number of international students attending as undergraduates has increased 46% from Fall 2008 to Fall 2010 and it is anticipated to increase further over the next five years. In addition, the number of students participating in Summer Abroad programs has increased 23% between academic year 2005-06 and academic year 2009-10

The social and economic diversity of our students is illustrated by our Pell grant figures. Almost 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 Division of Corporate, Continuing, and Distance Education continues to see an increase in online course registrations. Between Fall 2006 and Fall 2010, the rate of growth in registrations has remained strong as new online programs have been added.

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 over 4,000 undergraduates of color UMass Boston is the most diverse public four year research university of all New England schools. In Fall 2010, 44% of our undergraduate students were US students of color. The diversity of our student population has remained consistent along with steady increases in admissions standards and substantial increases in enrollment.

Freshmen retention rates have continued to improve over the past five years, reaching 75% in for those students who entered in Fall 2008. The retention rate of entering transfer students has increased from 75% for those entering in Fall 2006 to 78% for those entering in Fall 2009.

SERVICE TO THE COMMONWEALTH

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

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

Enrollments continue to grow steadily in Science, Technology, Engineering, and Mathematics (STEM) as overall enrollments also rise, with over 2,200 students in these disciplines in Fall 2010. This is an increase of 44% from Fall 2006 to Fall 2010. The number of STEM degrees awarded has increased 12% from academic year 2005-06 to academic year 2009-10.

The planned Integrated Science Building will further strengthen this focus of the University. Opening of the building is planned for 2013.

FINANCIAL HEALTH

Endowment assets totaled \$42.0M in FY2010, an increase of 68% over the past five years. Endowment per student also grew from \$968 in FY 2006 to \$3,414 in FY10, an increase of over 200%, in spite of the significant increase in students over the time period. The total private funds raised annually has increased by 12% in the last five years.

UMass Boston's financial performance remains positive, reflecting the impact of rising enrollment and related fee revenue, increased research activity, and prudent management of its resources. In fiscal year FY2010, the operating margin was positive for the fourth consecutive year at 8.53%, due primarily to an influx of federal stimulus monies and a rebound in investment income. The cushion ratio rose from 20.0% to 27.8% in FY 2010; and the return on net assets ratio of 27.2% marked a significant increase from 3.58% in FY 2009 and reflected continued capital contributions from third parties. The campus was in a state of overall sound financial health at the close of FY 2010.

2011 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• High School GPA of Freshmen	3.03
• SAT Scores of Freshmen (25 th -75 th)	950 - 1120
• Average GPA of Entering Transfers	3.08
• % Senior Rating Educational Experience “Good” or “Excellent”	80%
• Number of Students Enrolled in for-credit Internships	1,972
• Number of Doctorates Awarded	49
• Research & Development Expenditures	\$56.4M
• Total R&D Expenditure Per Tenured Faculty	\$139,817
• Sponsored Instruction & Outreach/Faculty	\$44,799
• Patent Applications	1
• Licenses & License Income	\$1,331
• New Tenure/Tenure-Track Faculty Hired	30
• Change in Tenured/Tenure-Track Faculty	2%
• Change in Faculty FTE	5%
• National Academy Members	3

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	38%
• % of Need Met for In-State Students Awarded Need-Based Aid	90%
• % Undergraduate Students from Massachusetts	92%
• Enrollment in Distance/Online Courses	9,338
• Rate of Growth in Distance Education Enrollments	13%

STUDENT SUCCESS AND SATISFACTION

• % Undergraduate Students of Color	44%
• % First-Generation College Students	52%
• % Undergraduates who Speak English as a Second Language	40%
• % International Undergraduates	4%
• Number Undergraduates who Participate in a Study Abroad Program	138
• Freshmen One-Year Retention Rate	75%
• Freshmen Six-Year Graduation Rate	41%
• Transfer One-Year Retention Rate	78%
• Transfer Four-Year Graduation Rate	66%

SERVICE TO THE COMMONWEALTH

• % Graduates who Live in Massachusetts	75%
• Enrollment in STEM Programs	2,255 (16%)
• Degrees Awarded in STEM Fields	268 (9%)

FINANCIAL HEALTH

• Annual Growth in Endowment	12%
• Endowment per Student	\$3,414
• Private Funds Raised Annually	\$11.0M
• Return on Net Assets	27.2%
• Financial Cushion	27.8%
• Debt Service to Operations	4.8%
• Deferred Maintenance per GSF	\$177.17

ACADEMIC QUALITY

High School GPA of Freshmen

The number of entering freshmen has increased 16% from Fall 2006 to Fall 2010 while the average GPA of entering first-time freshmen at UMass Boston remained between 2.97 and 3.05. Admissions decisions focus on GPA scores as they are more closely linked to success in college than SAT scores.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
≥ 3.00	45%	52%	49%	50%	50%
2.50 - 2.99	38%	37%	39%	40%	39%
<2.50	16%	11%	12%	10%	10%
<i>Average</i>	2.97	3.05	3.01	3.03	3.03

SAT Scores of Freshmen

The average SAT scores of entering freshmen have remained stable since the 2006 changes in the SAT exams.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Peers Fall 2009
75th %ile	1140	1130	1130	1130	1120	1221
25th %ile	960	960	960	970	950	972

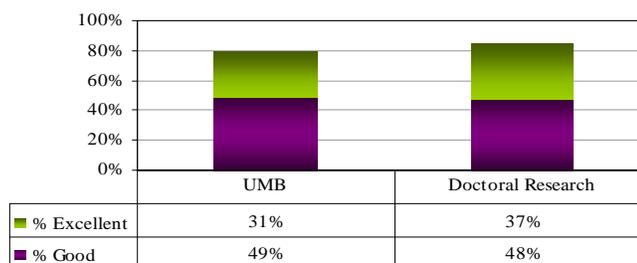
Average GPA of Entering Transfer Students

Two thirds of all new students entering in the Fall are transfer students. The average GPA of these students has remained between 3.01 and 3.08 for the last five years. There are no comparable peer data for this indicator.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
<i>UMB</i>	3.01	3.06	3.04	3.03	3.08

Percent Seniors Rating Overall Experience as 'Good' or 'Excellent'.

Eighty percent of seniors responding to the National Survey of Student Engagement (NSSE) in 2008 rated their overall experience at UMass Boston as "good" or "excellent." This was slightly below the 85% good/excellent response among Doctoral Research institutions.



Number of Students Enrolled in For-Credit Internships

The number of internship participants grew to 1,972 in Fall 2010. This represents a 51% growth in internship participants from Fall 2006 and a 15% increase from Fall 2009 when the economic downturn resulted in fewer opportunities for undergraduate internship seekers.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
<i>UMB</i>	1,307	1,453	1,942	1,717	1,972

Number of Doctorates Awarded

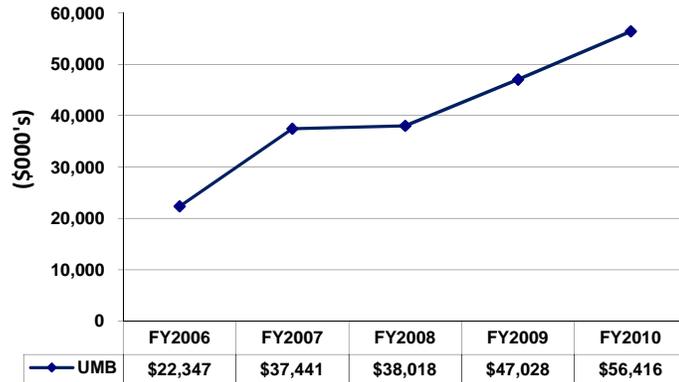
UMass Boston has awarded over a 170 doctoral degrees in the last five years, averaging 35 a year. The 49 doctoral degrees awarded in 2010 is more than double the number that were awarded in 2006.

Doctorates	2008	2009	2010
UMB	30	41	49

Total R&D Expenditures

Between FY 2006 and FY 2010, UMass Boston's R&D expenditures reported to NSF increased a remarkable 150% to \$56.4 million.

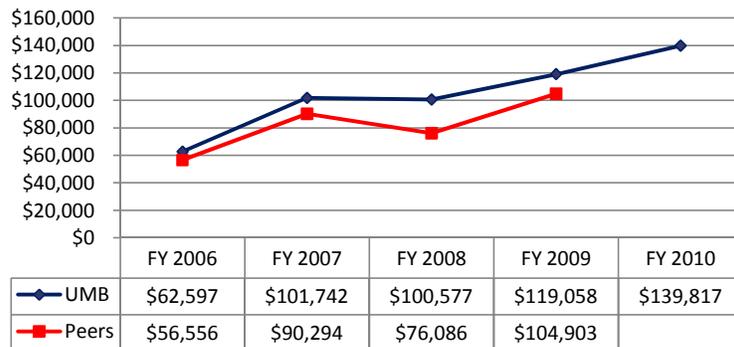
UMB FY 2008 R&D expenditures in both Education and Psychology were ranked 44th in the country.



Total R&D Expenditure per Tenured System Faculty

R&D per UMass Boston faculty member grew by 17% from FY 2009 to FY 2010 and has more than doubled since FY2006. The 2007 research strategic plan and the continuing allocation of resources to the research infrastructure and clusters identified in that plan have produced this growth.

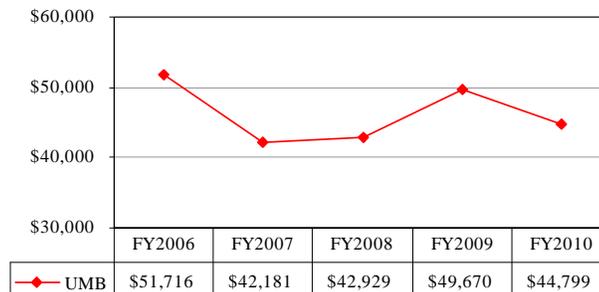
In calculating peer data, we excluded the University of Illinois Chicago and the University of Louisville which have Medical Schools



Sponsored Instruction & Outreach per Faculty

Total Sponsored Instruction & Outreach Dollars were down slightly due to an 13% increase in Tenured & Tenure Track faculty between Fall 2006 and Fall 2010

Financial information to calculate this measurement for our peers is not available because of the new GASB standards for financial reporting.



Patent Applications

The number of patent applications is linked to not only the research activity of the faculty, but also the availability of resources to pursue patent applications. It is anticipated that significant growth will occur in future years at UMass Boston with the increase of both of these elements.

<i>UMass Boston</i>	<i>FY2008</i>	<i>FY2009</i>	<i>FY2010</i>
<i>Patent Applications</i>	1	0	1

License Income

Since its inception in May of 2009, the Venture Development Center has been focused on supporting startups working in sectors important to the state, region and global economy.

The work of the VDC continues to improve steadily, license income increased over 100% between FY2009 and FY 2010. It is anticipated that in upcoming years the campus will begin receiving royalties for business development work done in FY 10.

<i>UMass Boston</i>	<i>FY2008</i>	<i>FY2009</i>	<i>FY2010</i>
<i>License Income</i>	\$781	\$545	\$1,331

New Tenured/Tenure-Track Faculty Hired

In AY 2010-11 UMass Boston was successful in recruiting 30 tenured or tenure-track faculty; 24% were persons of color, and 63% were female

	<i>AY '06-'07</i>	<i>AY '07-'08</i>	<i>AY '08-'09</i>	<i>AY '09-'10</i>	<i>AY '10-'11</i>
<i>UMB</i>	23	29	34	36	30

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 2% from Fall 2009 to Fall 2010.

<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>1-year Change</i>
358	370	379	397	404	2%

Change in Faculty FTE

The 8% increase in FTE faculty from Fall 2009 to Fall 2010 shows the sustained increase in enrollments between Fall 2006 and Fall 2010, requiring significant use of part-time faculty.

<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>1-year Change</i>
590	624	659	711	743	5%

Faculty Awards

"The Top American Research Universities" shows no Faculty Awards for UMass Boston in the most recent publication which reflects 2008 data.

<i>Awards</i>	<i>2007</i>	<i>2008</i>
<i>UMB</i>	0	0

National Academy Members

Data for this indicator is cumulative. However, 2008 is the most recent year for which data are available through the Center for Measuring University Performance.

Awards	2007	2008	2009
UMB	2	3	3

ACCESS AND AFFORDABILITY

Percent Pell Grant Recipients

More than one third 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. UMass Boston is very economically diverse.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010*
UMB	31%	34%	31%	36%	38%

Note: * estimated figure

Percent of 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. We have met or exceeded that goal for the last three fiscal years.

Percent Need Met	Fall 2008	Fall 2009	Fall 2010*
UMB	92%	92%	90%

Note: * estimated figure

Percent Undergraduate Students from Massachusetts

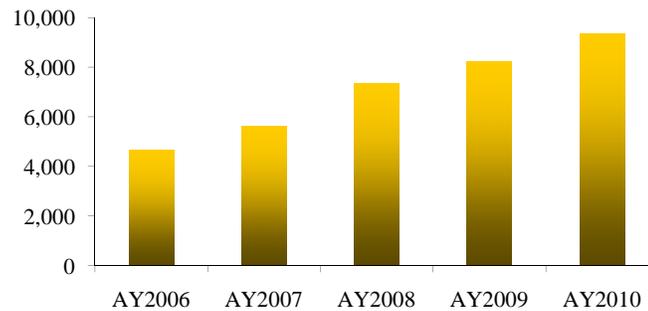
UMass Boston serves primarily undergraduate students from Massachusetts. We also attract international and out-of-state students. In Fall 2010, 8% of our undergraduate students were international or out-of-state students.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Number	7,706	8,266	8,596	9,123	9,380
Percent	93%	92%	92%	92%	92%

Online Course Registrations

Annual online class registrations have grown rapidly from AY 2006 to AY 2010 from 4,681 to 9,338.

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



Annual Growth in Online Course Registrations

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

	AY2006	AY2007	AY2008	AY2009	AY2010
<i>UMB</i>	4,681	5,768	7,365	8,238	9,338
<i>Annual Rate of Growth</i>	45%	20%	31%	12%	13%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduate Students of Color

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

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
<i>Number</i>	3,200	3,603	3,880	4,157	4,256
<i>Percent</i>	42%	44%	44%	45%	44%

UMass Boston continues to be the most diverse public four-year research university in New England with over 4,000 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>	2006	2007	2008	2009	2010
<i>NSSE: % reporting that neither of their parents had received a Bachelor's degree.</i>	n/a	n/a	59%	n/a	n/a
<i>CIRP/BCSSE*: % reporting neither of their parents had received a Bachelor's degree.</i>	53%	n/a	48%	n/a	52%

*Please note that starting in Fall 2010 BCSSE replaced CIRP

Percent Undergraduates who Speak English as a Second Language

UMass Boston enrolls significant numbers of students for whom English is a second language, another dimension of the diversity of our students.	2006	2007	2008	2009	2010
<i>First Time, F-T Freshmen CIRP: Is English your native language? % responding 'No'.</i>	37%	n/a	22%	n/a	n/a
<i>Do you usually speak a language other than English at home or with family? NSSE: Combined Freshman and Seniors</i>	n/a	n/a	40%	n/a	n/a

Percent International Undergraduates

The number of international students attending as undergraduates has increased 46% from Fall 2008 to Fall 2010 and it is anticipated to increase further over the next five years.

<i>International (UG's)</i>	Fall 2008	Fall 2009	Fall 2010
<i>Number</i>	323	360	471
<i>Percent</i>	3.1%	3.3%	4.0%

Number Undergraduates who Participate in a Study Abroad Program

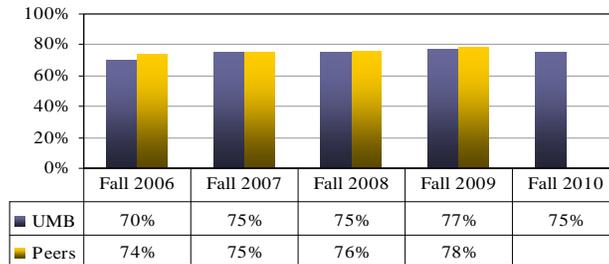
Study Abroad figures are reported to the Institute of International Education's Annual Survey. The number of students taking advantage of our Summer Abroad programs has increased 23% between academic year 2006 and academic year 2009.

<i>Study Abroad (UG's)</i>	<i>Fall 2006 - Summer 07</i>	<i>Fall 2007 - Summer 08</i>	<i>Fall 2008 - Summer 09</i>	<i>Fall 2009 - Summer 10</i>
<i>Number</i>	112	104	114	138

Freshmen One-Year Retention Rate

The one-year retention rate for freshmen increased from 70% for the Fall 2006 cohort to 75% for the Fall 2010 cohort

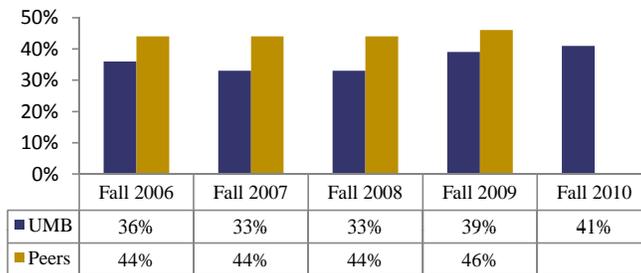
Our retention rate has remained on par with our peers for the last three years. All of our peer institutions have on campus housing.



Freshmen Six-Year Graduation Rate

The six-year graduation rate reported for freshmen entering in Fall 2004 was 41%, the highest rate reported for UMass Boston.

Ongoing efforts to improve retention will also positively impact graduation rates over time. Graduation rates, of necessity, reflect cohort histories and not the future.



Transfer One-Year Retention Rate

The one-year retention rate of all entering full-time transfer students was 78% for the cohort entering in Fall 2009.

	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Percent</i>	75%	74%	77%	83%	78%

Transfer Four-Year Graduation Rate

The four-year transfer graduation rate was 66% for those who entered in Fall 2006. There are no peer comparisons available for this indicator as these statistics are not collected nationally.

	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Percent</i>	63%	58%	63%	64%	66%

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 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
<i>Undergraduate</i>	78%	78%	76%	76%	76%
<i>Graduate</i>	76%	76%	74%	73%	72%
<i>All</i>	78%	78%	76%	75%	75%

Degree Seeking Student Enrollment in STEM Programs

All the programs included in Science, Technology, Engineering and Mathematics (STEM) are within the College of Science and Mathematics.

Enrollments continue to increase steadily in STEM programs as overall enrollments also rise. The number of STEM students has increased 44% from Fall 2006 to Fall 2010.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
<i>Total Degree Seeking Enrollment</i>	10,657	11,642	12,375	13,149	14,236
<i>STEM Enrollment</i>	1,562	1,789	1,959	2,168	2,255
<i>% STEM Enrollment</i>	13%	14%	16%	16%	16%

Degrees Awarded in STEM Fields

The number of STEM degrees awarded has increased 22% from academic year 2005-06 to academic year 2009-10. We anticipate further increases as more students enroll in science disciplines and as the Integrated Science Building comes online, starting in Fall 2013.

	2005-06	2006-07	2007-08	2008-09	2009-10
<i>Total Degrees/Cert. Awarded</i>	2,453	2,295	2,530	2,782	3,012
<i>STEM Degrees/Cert.</i>	219	184	208	236	268
<i>% STEM Degrees/Cert.</i>	9%	8%	8%	8%	8%

FINANCIAL HEALTH

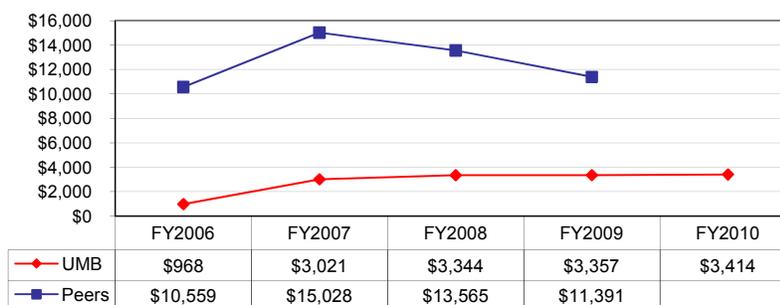
Endowment Assets and Annual Growth in Endowment

Endowment assets have continued to grow, increasing from \$24.9 million in FY 2006 to \$42.0 million in FY2010. This represents a 68% increase in endowment assets.

	FY2006	FY2007	FY2008	FY2009	FY2010
Total (\$000's)	\$24,995	\$28,672	\$34,554	\$37,008	\$42,037
Annual Change	10%	15%	21%	7%	12%

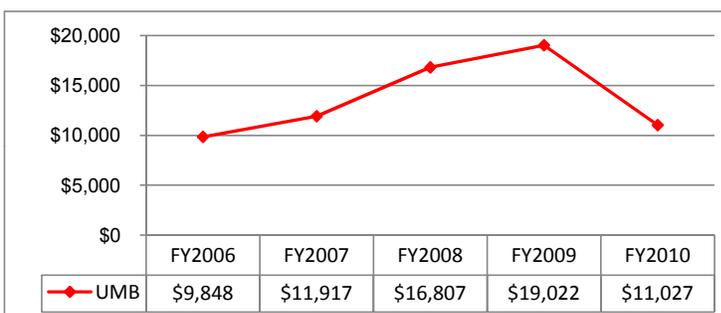
Endowment per Student

Endowment per student figures fell slightly in FY2010, but continue to be higher than the figure in FY2006 from which time the enrollment has increased steadily.



Private Funds Raised Annually

The annual increase from FY 2006 to FY 2009 averaged 17% per year. However, FY 2010 was a down year. Significant changes within the Advancement Office slowed the pace at which private funds were raised. Nevertheless, the funds raised in FY 2010 are 12% more than those raised in FY 2006.



Return on Net Assets

In FY 2010, the reduction in state funding was offset by Federal stimulus funding.

	FY2006	FY2007	FY2008	FY2009	FY2010
UMB	0.50%	21.00%	8.30%	3.71%	27.20%
Peer Average	3.13%	6.42%	4.20%	4.20%	2.20%

Financial Cushion

In FY 2010, unrestricted and restricted-but-expendable net assets increased significantly for the fourth straight year due to continued profitability.

	FY2006	FY2007	FY2008	FY2009	FY2010
UMB	6.50%	9.81%	13.00%	19.51%	27.80%
Peer Average	14.00%	16.41%	13.20%	14.20%	8.20%

Debt Service to Operations

The debt service ratio has remained in a relatively tight range over the last five fiscal years. In FY 2010, interest expense of \$4.09 million was \$2.7 million less than the previous fiscal year.

	<i>FY2006</i>	<i>FY2007</i>	<i>FY2008</i>	<i>FY2009</i>	<i>FY2010</i>
<i>UMB</i>	5.33%	5.11%	4.90%	5.39%	4.80%
<i>Peer Average</i>	3.03%	4.09%	3.70%	3.60%	7.50%

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>FY2008</i>	<i>FY2009</i>	<i>FY2010</i>
<i>UMB</i>	\$175.02	\$180.55	\$177.17

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

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

SAT Scores of Freshmen. 25th and 75th percentiles of all first-year students. Peer data are from US News.

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

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

Number of Students Enrolled in For-Credit Internships. Data from annual reports of the Cooperative Education Office at UMB, College of Public and Community Service, College of Management; Career and Alumni Programs, and the University Advising Center.

Number of Doctorates awarded. Number of Doctorates awarded for the academic year which includes August 2009, January 2010, and May 2010 award dates.

Research & Development (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 FY10.

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

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

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

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

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

Change in number of tenured/tenure-track faculty. The difference in the number of tenured/tenure-track faculty from one fall semester to the next. Include faculty members who are on paid leave. Does not include individuals whose primary responsibility is administrative. For the 2011 PMS report, the difference will be between the figure for Fall 2009 and Fall 2010.

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

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

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

ACCESS AND AFFORDABILITY INDICATORS

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

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

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

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

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

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percent Undergraduates who are Students of Color. Undergraduates who are Cape Verdean, African-American/Black, Hispanic/Latino, Asian, Native American, and/or 2 or more races divided by total undergraduate U.S. citizens and permanent residents who report race. Fall 2010 marked a change in federal reporting rules for race and ethnicity. Due to these recent changes in IPEDS race and ethnicity classifications, trend data on students of color should be viewed with caution.

Percent First Time, Full Time First Generation College Students. First-generation college students are defined as those students with neither parent having attended college. Beginning in Fall 2010 data are from the Beginning College Survey of Student Engagement (BCSSE). Previous years' data are from Cooperative Institutional Research Program (CIRP) Freshmen Survey.

Percent of undergraduates who speak English as a Second Language. Percentage of undergraduates whose first language was not English. Starting in Fall 2010 data are from the BCSSE and National Survey of Student Engagement (NSSE) combined Freshmen & Seniors. Previous years' data are from CIRP Freshmen Surveys and NSSE combined Freshmen & Seniors.

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

Number of undergraduates who participated in a study abroad program. Data are numbers of students who participated in a credit bearing study abroad program as reported on the Institute of International Education Open Doors survey for Fall 2009 through Summer 2010.

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

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

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

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

SERVICE TO THE COMMONWEALTH INDICATORS

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

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

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

FINANCIAL HEALTH INDICATORS

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

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

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

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

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

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

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

PEER INSTITUTIONS FOR UMASS BOSTON

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

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

HEADLINES FROM THE 2011 ANNUAL INDICATORS

The UMass Dartmouth indicators show continuing progress but also some leveling in areas of recent strong growth. The campus has reached or exceeds the level of its peer institutions on many indicators. The indicators highlighted below are indicative of the campus's successes in the past few years. Also highlighted are areas of change. As UMass Dartmouth reaches towards the Doctoral Carnegie level, we acknowledge our achievements and look forward to new developments.

ADMISSIONS AND ACCESS

The Performance Measurement System's indicators for high school GPA and SAT and for transfer students' GPA scores help us gauge whether our admissions quality is matched to the academic experience that we deliver. UMass Dartmouth seeks students well prepared for college, and the campus works to recruit students across a relatively broad spectrum. We have maintained enrollments together with our standards for high school GPA and SATs of our entering freshman students. Our undergraduate indicators for Pell grants, percent of need met, percent students of color, percent from Massachusetts, and percent who are first generation college-going show our on-going commitment to access and opportunity. We continue to realize our mission to serve the region and the Commonwealth by giving a wider range of capable students access to a high-quality education.

CONTINUED FACULTY STRENGTHS

Our faculty are both teachers and scholars who bring the excitement of their research and creative work into the classroom. After a time of dramatic growth up to FY 2005 (research expenditures tripled across that five-year period) and then a period between FY 2006 and FY 2009 when we sustained research activity levels while consolidating and focusing in priority areas, we are now realizing planned research growth. New hiring occurs in areas of strategic growth, including UMass Law Dartmouth. UMass Dartmouth has begun a major strategic initiative to increase faculty research and scholarship, and our indicator shows improvement over our recent trend. Our many junior faculty show high potential in their striving to achieve funded research success. Note that funded research indicators do not capture the many other kinds of scholarship at the university that are not funded by external sources, including artistic creation and much of the work in the humanities and social sciences.

The two new indicators for Faculty Awards and National Academy Members challenge us to have our faculty compete more actively. For institutions of our type, UMass Dartmouth led the nation in having five faculty

being as Fulbright Scholars.

STUDENT SUCCESS AND SATISFACTION

At a level higher than for our peers, 87% of our seniors rated their experience excellent or good. The one-year retention and six-year graduation rates for Dartmouth's freshmen are causing concern, when compared with those of our peers and when seen in the light of research by such nationally-recognized experts as Alexander Astin. Higher education institutions with our profile of student characteristics usually have higher rates. We are initiating an assertive program of intervention. The indicators for transfer student retention and graduation fill in the picture that is left incomplete by the standard measure for freshman success. We have begun a hard look at freshman and transfer retention, believing we should be doing better on these indicators.

DEGREES GRANTED

In 2010, UMass Dartmouth graduated 1,589 undergraduate students, 74 more than in 2009 and an all-time high. Because eighty percent of our graduates remain in Massachusetts, the degrees we grant make a direct, important contribution to the Commonwealth. The indicators for degrees granted and enrollments in Science, Technology, Engineering, and Mathematics show our commitment to educating students in these fields. During a period of enrollment growth, we have grown enrollments in these fields along with other fields.

Now having six different doctoral programs, UMass Dartmouth is still relatively new to doctoral education; overall we have produced 37 PhD degrees, beginning in 1997. With new doctoral programs now added, our goal is to graduate 20 per year. Doctoral enrollments have grown steadily.

FINANCIAL HEALTH

A set of fiscal controls and processes are in place to ensure the achievement of full fiscal stability, and strategic planning has been linked to resources to align academic goals and spending. We continue to make solid progress in building reserves and fund balances. Funding sources have been diversified and planned enrollment growth and expenditure control have led us into fiscal stabilization. UMass Dartmouth has achieved a positive financial cushion during a time of constrained resources.

Fiscal 2010 has involved a transition from financial strategies based on overall institutional growth to targeted growth in strategic areas. Actions were taken in FY 2009 to avoid layoffs, mid-year increases in student charges, and mid-year reductions in financial aid. Financial projections continue to assist the institution in tying allocation of resources to campus priorities.

2011 ANNUAL INDICATORS AT A GLANCE**ACADEMIC QUALITY**

• Average HS GPA of Freshmen	3.13
• SAT Scores of Freshmen (average)	1042
• SAT Scores of Freshmen (25 th -75 th)	960 - 1130
• Average GPA of Transfers	3.0
• Percent Seniors Rating Educational Experience “Good” or “Excellent”	87%
• Number of Doctorates Awarded	3
• Postdoctoral Appointees	6
• Total R&D Expenditures	\$25.7M
• Total R&D Expenditures per Faculty	\$80,896
• Federal Research Expenditures	\$12.2M
• Patent Applications	2
• License Income	\$36,482
• New Tenured/Tenure-Track Faculty Hired	28
• Change in Tenured/Tenure-Track Faculty	11
• Change in Faculty FTE	9
• Faculty Awards	6
• National Academy Members	0

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	30%
• Percent of Need Met for In-State Students Awarded Need-Based Aid	90%
• Percent Undergraduates Who Live in MA	95%
• Enrollments in Online Courses	2,477
• Annual Growth in Online Course Enrollments	-1.7%

STUDENT SUCCESS AND SATISFACTION

• Percent Undergraduates Students of Color	19.5%
• Percent Undergraduates First Generation in College	
• Seniors, Parents High School or less	30%
• Seniors, Neither Parent has Bachelors	55%
• Freshmen, Parents High School or less	27%
• Freshmen, Neither Parent has Bachelors	46%
• Percent Undergraduates with English as a Second Language	9.7%
• Percent Undergraduates who are International	0.3%
• Number of Undergraduates who Participated in a Study Abroad Program	64
• Freshman One-Year Retention Rate	70%
• Freshman Six-Year Graduation Rate	48%
• Transfer One-Year Retention Rate	77%
• Transfer Four-Year Graduation Rate	64%

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM programs	1,911 (20%)
• Degrees Awarded in STEM fields	271 (17%)

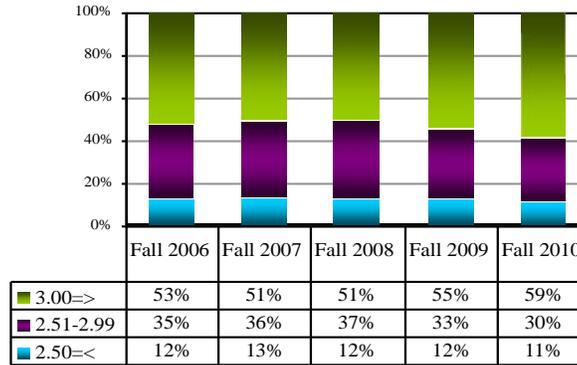
FINANCIAL HEALTH

• Endowment Assets	\$32.3M
• Annual Growth in Endowment Assets	18%
• Endowment Per Student	\$3,920
• Private Funds Raised Annually	\$16.9M
• Return on Net Assets	18.12%
• Financial Cushion	4.5%
• Debt Service to Operations	8.6%
• Deferred Maintenance per GSF	\$67

ACADEMIC QUALITY

High School GPA of Freshmen

Our GPA quality levels have been rising overall. UMass Dartmouth is succeeding in its goal of maintaining a strong student quality profile while also fostering access. High school GPA is the best predictor of success in college studies. These statistics include the 127 students who have entered by our long-standing and well-recognized alternative access program, College Now.



High School GPA	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
Average	3.05	3.04	3.06	3.08	3.13

SAT Scores of Freshmen

Our average incoming SATs have fluctuated within the 1040 to 1060 range. UMass Dartmouth is succeeding in its goal of maintaining a strong student quality profile while also fostering access. These statistics include the 127 students who have entered by our long-standing and well-recognized alternative access program, College Now.

SAT Scores	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Comp
75th percentile	1130	1140	1140	1150	1130	1179
25th percentile	970	980	980	980	960	968
Average	1046	1058	1057	1059	1042	1073

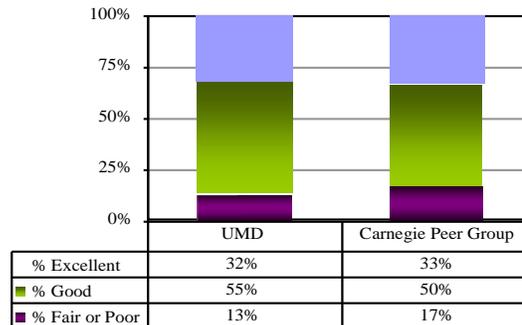
Average GPA of Entering Transfer Students

We carefully screen transfer applicants for ability to succeed in their major of choice, considering not only GPA but performance in appropriate courses and progression if attending more than one previous school.

Transfer Student GPA	Fall 2008	Fall 2009	Fall 2010
UMD	3.0	3.0	3.0

Percent Seniors Rating Educational Experience Excellent or Good

Presented are responses to a survey question about overall educational experience. Our students show a higher satisfaction than those attending institutions of a similar type, in the NSSE nationwide survey. Cumulatively, our excellent/good rating was 87% compared to the 83% Carnegie peer group.



Number of Doctorates Awarded

Now having six different doctoral programs, UMass Dartmouth is still relatively new to doctoral education; overall we have produced 37 PhD degrees, beginning in 1997. With new doctoral programs now added, our goal is to graduate 20 per year. Doctoral enrollments have grown steadily.

<i>Doctorates</i>	2008	2009	2010
<i>UMD</i>	2	5	3

Postdoctoral Appointees

UMass Dartmouth faculty emphasize giving research assistantships to doctoral candidates. We also hire recent PhDs with science and engineering degrees as Research Associates, a faculty union position; these are not included here.

<i>Post-Docs</i>	2008	2009	2010
<i>UMD</i>	13	5	6

Research and Development Expenditures

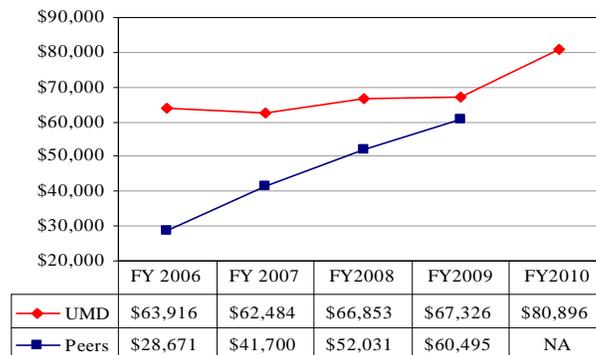
After a period of dramatic growth until FY2005 (research expenditures tripled across that five-year period) and then a period between FY 2006 and FY 2009 when we sustained research activity levels while consolidating and focusing in priority areas, we are now realizing planned research growth. Our relatively new faculty are moving towards greater productivity.

<i>R&D</i>	Total R&D Value (in Millions)			
<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
\$20.389	\$20.120	\$20.925	\$20.669	\$25.725

Research and Development per Faculty

Heightened research agendas in the colleges and the School for Marine Science and Technology are important to UMass Dartmouth's plans to expand its roles in graduate education and economic, technological, and intellectual development. New doctorate programs are strengthening this indicator.

We are ahead of our peers in this indicator; FY 2009 is the latest year for which peer comparisons are available. Aspirant peers are included in the peer data.



Federal Research Support

The institution continues its involvement in meeting national priorities through research and development, in an increasingly competitive grants environment.

<i>Federal R&D</i> (in Millions)	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMD</i>	\$9.515	\$11.456	\$13.087	\$10.804	\$12.236
<i>Peers</i>	\$5.177	\$7.655	\$9.568	\$11.451	NA

Patent Applications

The number of patent applications filed is an indicator of an institution's inventiveness and the commercial potential of its academic work. For 2000-07, UMD only averaged two Invention Disclosures per year. We are working on a number of proposals and expect this number to be higher next year.

<i>Number Patent Applications</i>	2008	2009	2010
<i>UMD</i>	4	7	2

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. As predicted, FY10 showed a significant increase as we concluded a number of licenses.

<i>License Income</i>	2008	2009	2010
<i>UMD</i>	\$20,150	\$2,000	\$36,482

New Tenured/Tenure-Track Faculty Hired

This indicator shows the number of new faculty hired to the tenure track or with tenure, starting with data from 2006-07. In the longer run, this indicator will contribute to understanding the pipeline to tenure at UMass Dartmouth. Included are 8 new faculty for UMass Law Dartmouth.

<i>Ten/Trk Faculty Hired</i>	AY 2006-07	AY2007-08	AY2008-09	AY2009-10	AY2010-11
<i>UMD</i>	13	12	19	14	28

Change in Tenured/Tenure-Track Faculty

This indicator shows the difference in the number of tenured and tenure track faculty from one fall semester to the next. The trend is generally steady. The addition of 8 new faculty for UMass Law Dartmouth indicates our emphasizing areas of strategic and mission importance.

<i>Change in Ten/Trk Faculty</i>	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	1-year Change
<i>UMD</i>	319	322	313	307	318	3.6%

Change in Faculty FTE

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

<i>Change in Faculty FTE</i>	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	1-year Change
<i>UMD</i>	434	449	452	442	451	2.0%

Faculty Awards

UMass Dartmouth led institutions of its type in the country in having five Fulbright faculty awards; we also had a NEH Fellow. This indicator concerns awards that are acknowledged to indicate superior academic distinction. The measure is just of awards conferred in the most recent year.

<i>Awards</i>	2007	2008	2009	2010
<i>UMD</i>	0	0	0	6

National Academy Awards

This indicator concerns awards that are acknowledged to indicate superior academic distinction. The list contains only a few very prestigious awards.

<i>Awards</i>	2007	2008	2009	2010
<i>UMD</i>	0	0	0	0

ACCESS AND AFFORDABILITY

Percent Pell Grant Recipients

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

<i>% Pell Grant Recipients</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>UMD</i>	21%	22%	22%	28%	30%

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

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

<i>Percent Need Met</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMD</i>	91%	90%	90%

Percent Undergraduates Who Live in Massachusetts

The Dartmouth campus has predominately served an in-state population with only 3% from out-of-state. About 45% of our students come from southeastern Massachusetts.

<i>UG's in MA</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Number</i>	7,633	7,636	7,400
<i>Percent</i>	96%	96%	95%

Online Course Registrations

Measured here are registrations in courses that are fully online.

<i>Online Course Registrations</i>	<i>AY 2008</i>	<i>AY 2009</i>	<i>AY 2010</i>
<i>UMD</i>	1,966	2,519	2,477

Annual Growth in Online Course Registrations

Online instruction is still small at Dartmouth. We have launched a number of new fully-on-line programs through UMass Online and more are planned.

<i>Annual Growth in Online</i>	<i>AY 2008</i>	<i>AY 2009</i>	<i>AY 2010</i>
<i>UMD</i>	16.2%	28.1%	-1.7%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduates who are Students of Color

Our percentage of students of color is consistent with the percentage of students of color in Massachusetts who plan to attend a 4-year college or university, which is 20.6% (Mass. DoE 2010). Increasing diversity is featured in our strategic plan.

<i>Students of Color (UG's)</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Percent</i>	13.6%	15.6%	19.5%

Percent Undergraduates who are First Generation in College

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

Senior students show the success we have in producing graduates, including our transfer students. Neither parent of 30% of our seniors, or 356, has gone beyond high school, and neither parent of an additional 25% has completed a four-year degree. Over half of our graduates are thus in the first generation of their family to complete a four-year degree. (These data will be updated every third year.)

Freshman students show the access we provide to a college education. Neither parent of 27% of our frosh, or 371, has gone beyond high school; also, neither parent of an additional 19% has completed a four-year degree.

<i>1st Generation College-Going Undergraduates</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>1st Generation Seniors (Parents HS or less)</i>	30%	30%	30%
<i>(Neither Parent has Bachelors)</i>	55%	55%	55%
<i>1st Generation Freshmen (Parents HS or less)</i>	26%	25%	27%
<i>(Neither Parent has Bachelors)</i>	46%	44%	46%

Percent Undergraduates with English as a Second Language

Approximately 10% of our new freshmen for 2010 reported that they were from a home in which English is not the primary language spoken. This demographic is rising for us.

<i>ESL (UG's)</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Number</i>	71	85	142
<i>Percent</i>	5.0%	5.6%	9.7%

Percent Undergraduates who are International

International undergraduate enrollments have declined dramatically across the U.S. since 9/11 and as higher-education systems have developed in many countries. Absence of financial assistance for these out-of-state students is a limiting factor. Our strategic plan targets growth through special international access programs. At 19%, our graduate international student enrollment is appropriate.

<i>International (UG's)</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Number</i>	33	33	27
<i>Percent</i>	0.4%	0.4%	0.3%

Number Undergraduates who Participated in a Study Abroad Program

Between one and two percent of our undergraduates do 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.

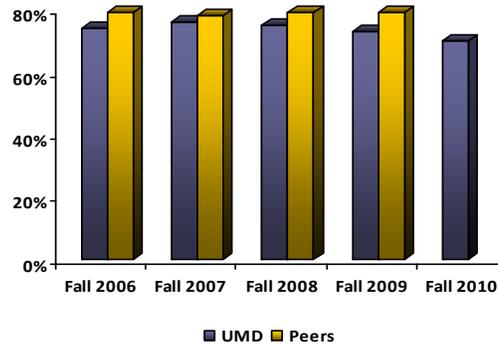
<i>Study Abroad (UG's)</i>	<i>Fall 06 - Summer 07</i>	<i>Fall 07 - Summer 08</i>	<i>Fall 08 - Summer 09</i>	<i>Fall 09 - Summer 10</i>
<i>Number</i>	110	78	133	64

Freshman One-Year Retention Rate

Only 70% of last fall's first-time, full-time freshmen were enrolled as of the next fall. The downward trend is of great concern and many interventions are now underway.

Research by higher-education scholars such as Alexander W. Astin shows that institutions with UMass Dartmouth's emerging profile of on-campus residency, admissions quality, and institutional type do well if they achieve first-year retention rates above 75% and quite well at 80% or above. For Fall 2009, our comparative peers' average is 79% on this measure.

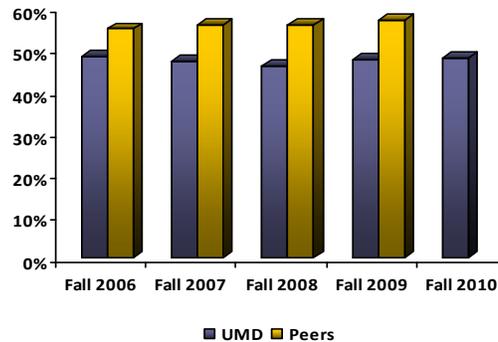
UMass Dartmouth has a long-range goal of reaching 80%—a goal designed to challenge the institution.



Freshman Six-Year Graduation Rate

Research by higher-education scholars such as Alexander W. Astin shows that institutions with UMass Dartmouth's profile of on-campus residency, admissions quality, and institutional type are doing well if they achieve graduation rates above 50%. We know that we will have some years before we can expect improvement in this measure, since this metric is governed strongly by the first-year retention rate. Our comparative peers' average is 57% on this measure. Improvement is needed.

UMass Dartmouth has a long-range goal of reaching and exceeding our peer averages—a goal designed to challenge the institution. However, our trend of declines in the first-year retention rate will pull graduation rates down in the shorter term.



Transfer One-Year Retention Rate

Transfer students are important in the university's enrollment and access goals. This indicator shows that we are meeting the needs of the large proportion of these students. Today's students have a wide range of reasons for transferring, and more and more do so readily.

<i>Transfer Retention</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Percent</i>	77%	74%	75%	78%	77%

Transfer Four-Year Graduation Rate

This indicator shows that 64% percent of the full-time upper division transfer students who entered with 60 or more credits in Fall 2006 (134 students) had completed their program by Fall 2010; others are still working on their UMass Dartmouth degree, had transferred to another school, or have stopped out. The total number of students in the full-time group is small.

<i>Transfer Graduation</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Percent</i>	71%	64%	60%	64%	64%

SERVICE TO THE COMMONWEALTH

Enrollment in STEM Programs

This indicator demonstrates our commitment to educating students in Science, Technology, Engineering, and Mathematics (STEM) fields. STEM fields at UMass Dartmouth are biology, chemistry/biochemistry, mathematics, engineering (civil, computer, electrical, mechanical), computer science, physics, materials/textiles, biomedical engineering/biotechnology, and marine science/technology. The trend shows recovery to normal levels.

STEM Enrollment	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Total Enrollment</i>	8,242	9,080	9,155	9,302	9,432
<i>STEM Enrollment</i>	1,676	1,784	1,733	1,528	1,911
<i>% STEM Enrollment</i>	20%	20%	19%	16%	20%

Degrees Awarded in STEM Fields

Science, Technology, Engineering, and Mathematics (STEM) graduates enter the workforce or pursue further education across the range of science, engineering, and mathematics fields.

STEM Degrees	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>
<i>Total Degrees/Certif. Awarded</i>	1,406	1,438	1,492	1,515	1,589
<i>STEM Degrees/Certif. Awarded</i>	251	232	266	279	271
<i>% STEM Deg./ Certif. Awarded</i>	18%	16%	18%	18%	17%

FINANCIAL HEALTH

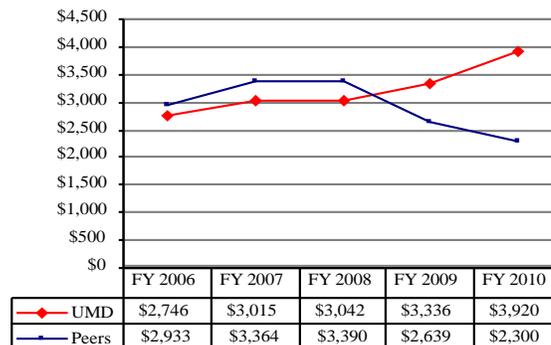
Endowment Assets and Annual Growth in Endowment

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

Endowment	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>(in Millions)</i>	\$20.815	\$23.444	\$24.376	\$27.281	\$32.314
<i>Annual Growth</i>	14%	13%	4%	12%	18%

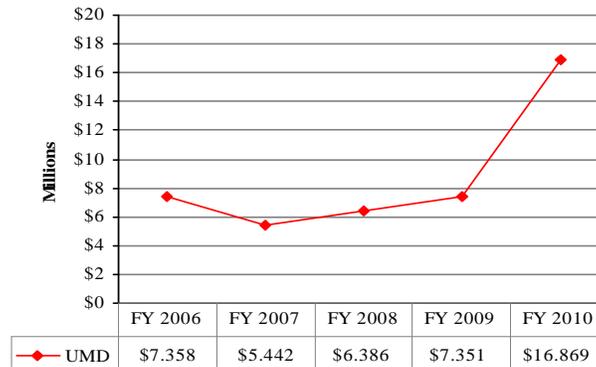
Endowment per Student

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. In FY 2005 and FY 2006, the campus strategically allocated resources in hopes to generate additional revenues for the endowment.



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 2010 includes assets for the law school as well as other private fundraising. The campus expects revenues from this area to increase fairly consistently from FY 2007 to FY 2011 and beyond. This can be attributed to the investment the campus has made and will continue to make around institutional advancement. In FY2006, an unusual accounting adjustment was made for private support not counted in FY 2003, FY 2004, and FY 2005, but the trend line of our performance is continuing upward steadily.



Return on Net Assets

The return on net assets ratio determines whether the institution is financially better off than in previous years by measuring total economic return. The institution's total wealth is determined by including the total change in net assets (Capital Assets net of Related Debt, Restricted, and Unrestricted) against the total net assets at the beginning of the year. The ratio provides a comprehensive measure of the growth or decline in the total wealth of an institution over a specific period of time. UMass Dartmouth's return on net assets has and will continue to grow over the next five years through strategic management of the Unrestricted Fund Balance.

Return on Net Assets	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
UMD	6.59%	3.42%	1.93%	11.30%	18.12%
Peers	3.65%	6.60%	4.10%	1.90%	6.20%

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 eight 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.

Financial Cushion	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
UMD	-1.2%	-0.4%	-1.7%	1.4%	4.5%
Peers	6.2%	10.3%	11.4%	16.8%	2.1%

Debt Service to Operations

Campus construction, including major renovations to the Cedar Dell apartments and the extension to the Research Building, has impacted this ratio. Additional funds to support the institution's capital needs did not all come from a dedicated source such as housing. Campus housing increases will bring more revenue to the campus, thus improving this ratio. This ratio remains below the 10% threshold.

Debt Service	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
UMD	6.9%	6.7%	8.2%	8.6%	8.6%
Peers	4.1%	5.8%	6.0%	6.3%	6.4%

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.

Deferred Maintenance	FY 2008	FY 2009	FY 2010
UMD	\$60	\$63	\$67

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

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

SAT Scores of First-Year Students. 25th, 75th percentiles and mean SAT scores of all first-year students. 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.

Percent Seniors Rating Educational Experience “Good” or “Excellent.” Percent of seniors who responded “good” or “excellent” to the question, “How would you evaluate your entire educational experience at this institution?” on the National Survey of Student Engagement administered in Spring 2008. Peer data are the Carnegie Classification-Master’s Colleges and Universities (larger programs) that participated in NSSE.

Number of Doctorates Awarded. Number of Doctorates awarded for the academic year 2010 which includes September 2009, January 2010, and May 2010 award dates.

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

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

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

Federal Research Support. R&D expenditures in all academic fields, from all federal sources, as reported to NSF. Peer data are from 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/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 state-supported courses. Includes faculty members who are on paid leave. Does not include individuals whose primary responsibility is administrative. For the 2010 PMS report, the difference will be between the figure for Fall 2009 and Fall 2008. Definition of Faculty FTE is per the Common Data Set, and includes all faculty teaching credit courses, including credit courses offered via Continuing Education

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

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

ACCESS AND AFFORDABILITY INDICATORS

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

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

Percent Undergraduates Who Live in Massachusetts. Percentage of total undergraduate students who currently

reside in Massachusetts based on tuition residency and/or permanent address for continuing education students.

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

Annual Growth in Online Course Registrations.

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

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percent Undergraduates who are Students of Color.

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

Percent Undergraduates who are First Generation in College.

First-generation college students are defined as those students with neither parent having attended college. We also give data for neither parent having a bachelor's degree. Data are from the Cooperative Institutional Research Program (CIRP) Freshmen Survey 2010, and Senior data are from NSSE (2008).

Percent Undergraduates with English as a Second Language.

Percentage of undergraduates whose first language was not English. Data are from Cooperative Institutional Research Program (CIRP) Freshmen Survey 2010.

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

Number of Undergraduates who Participated in a Study Abroad Program. Data are numbers of students who participated in a credit bearing study abroad program as reported on the Institute of International Education Open Doors survey for Fall 2009 through Summer 2010.

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

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

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

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

SERVICE TO THE COMMONWEALTH INDICATORS

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

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

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

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

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

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

PEER INSTITUTIONS FOR UMASS DARTMOUTH

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

**Aspirant Peers*

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

HEADLINES FROM THE 2011 ANNUAL INDICATORS

ACADEMIC QUALITY

Every program in UMass Lowell's colleges/schools, for which a national professional accreditation agency exists, is accredited by that agency. The average SAT score of incoming students remains high, with an average combined score of 1089.

Externally sponsored research per faculty is important to Lowell both as one measure of faculty scholarship and as a measure of assisting innovation in the regional economy. Research expenditures continue to increase. Lowell has exceeded the target of \$90,000 per faculty in research expenditures for three consecutive years. The average is \$136,740 per faculty, FY2010.

ACCESS AND AFFORDABILITY

UMass Lowell's service to the Commonwealth includes working diligently with regional K-12 systems and the community colleges to make the transition from high school to community college to university as effective as possible. Assisting in their transition to college, Lowell works to maintain affordability as well as increase access to college for those populations who do not traditionally consider attending. Lowell's undergraduate population is approximately 21% first generation college students; 23% are students of color; and 86% are Massachusetts residents.

For the academic year 2009-10, 53% of undergraduate students demonstrate financial need. For them, on average, 95% of their need is met. Approximately one in four (24%) of Lowell's undergraduate students receive 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 will not only maintain affordability, it will improve on accessibility.

STUDENT SUCCESS AND SATISFACTION

Lowell's one-year retention rate decreased slightly to 78%. Our six-year graduation rate for new freshmen is 51%. Lowell's transfer student graduation rate increased significantly this year, to 77%, up 12%. Almost half of bachelors awarded annually go to transfers.

Lowell students are very satisfied with their academic experiences. The 2008 NSSE survey administration found that eighty-two percent of the seniors rate their experience as "good" or "excellent." Taking into consideration those students who would also "start it

over" at UML, then, 76% rated their academic experience at Lowell as "good/excellent" and also said they would "start it over" again at UML. High satisfaction, indeed. This figure will be updated upon completion of the NSSE 2011 administration.

SERVICE TO THE COMMONWEALTH

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

Lowell supports a strong K-12 system in the region through literally scores of partnerships and programs. Lowell's Division of Continuing Studies and Corporate Education (CSCE) provides high quality professional studies in innovative formats including campus-based classes, online education and customized corporate training. Numerous CSCE programs serve various economic sectors, partnering with companies to deliver customized education and training programs for their employees, many of which are delivered on-site. The result is continued significant growth in the number of online course enrollments at Lowell. This year that increase was 15% over last year. The three year average annual growth in the number of online courses is 16%.

FINANCIAL HEALTH

New efforts to grow revenues and control expenditures are implemented each year. Expanding research and continued growth in both CSCE and Residence Life will continue to increase return on Net Assets. Growth in revenues will further contribute to Lowell's financial cushion and improving financial health.

Private funds raised annually increased 15% over last year. Return on Net Assets increased by 42%. Lowell's financial cushion improved to 23%.

2011 ANNUAL INDICATORS AT A GLANCE**ACADEMIC QUALITY**

• Average HS GPA of First-Time Freshmen	3.19
• Average SAT Score of First-Time Freshmen	1089
• Total Research Expenditures	\$59.3M
• Research Expenditures Per Faculty FTE ¹	\$132,187
• Number of Patent Applications	25
• License Income	\$352,000
• New Tenure/Tenure-Track Faculty Hired	19
• Change in Total Faculty FTE ¹	+ 84
• Number of Doctorates Awarded	67
• Post Doctoral Appointments	26

ACCESS AND AFFORDABILITY

• % In-State Pell Grant Recipients	27%
• % of Need Met for In-State Students Awarded Need-Based Aid	94%
• % of Undergraduates who are Students of Color	23%
• % of Undergraduates who are first generation in College	21%
• Percent of Undergraduates from MA	86%
• Online Course Enrollments	16,229
• Rate of Growth in Online Course Enrollments	15%

STUDENT SUCCESS AND SATISFACTION

• Freshman One-Year Retention Rate	78%
• Freshman Six-Year Graduation Rate	51%
• Transfer One-Year Retention Rate	77%
• Transfer Four-Year Graduation Rate	77%
• Students rating their experience as either “excellent” or “good”	82%

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM Programs	32%
• Degrees Awarded in STEM Fields	35%

FINANCIAL HEALTH

• Total Endowment	\$41.1M
• Annual Growth In Endowment	21%
• Endowment Per Student	\$3752
• Private Funds Raised Annually	\$13.1M
• Return on Net Assets	42.2%
• Financial Cushion	22.6%
• Debt Service To Operations	4.0%
• Deferred Maintenance per GSF	\$69

¹ Uses US News definition of faculty FTE

ACADEMIC QUALITY

High School GPA of First-Time Freshmen

For the ninth consecutive year, UMass Lowell's average weighted high school GPA exceeded 3.0. The proportion of entering freshmen with high school GPAs above 3.0 remains high, while that below 2.5 GPA remains quite small.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
≥ 3.00	57%	60%	62%	63%	63%
2.51 - 2.99	37%	35%	32%	32%	30%
≤ 2.50	6%	5%	6%	6%	6%
<i>Average</i>	3.14	3.16	3.18	3.17	3.19

SAT Scores of First-Time Freshmen

The average SAT score and the score for the 75th percentile increased slightly from last year.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Peers Fall 2010
75th Percentile	1160	1160	1160	1160	1170	1190
25th Percentile	980	1000	970	1000	1000	963
<i>Average</i>	1070	1083	1071	1083	1089	1072

Average GPA of Entering Transfer Students

The average GPA for entering transfer students remains relatively stable.

	2006	2007	2008	2009	2010
<i>Average GPA</i>	3.05	3.00	2.99	3.06	3.04

Student Satisfaction with Major

NSSE is being administered spring 2011. These data will be available for the next PMS report.

The last survey showed how seniors, who began as freshmen, rated their educational experience. Of these, 82% rated their experience as either excellent (33%) or good (49%).

	2008	2009	2010
<i>Entire educational experience</i>			
<i>Good or Excellent</i>	82%	N/A	N/A

Number of Doctorates Awarded

The number of doctoral degrees UMass Lowell awards annually.

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

	2005-06	2006-07	2007-08	2008-09	2009-10
<i>UML</i>	93	112	67	80	67
<i>Peers</i>	88	92	89	103	102
<i>Former Peers</i>	50	56			

Postdoctoral Appointees

For 2010, UMass Lowell had 26 post-doctorate appointments of which 21 are grant funded.

<i>Post-Docs</i>	2008	2009	2010
<i>UML</i>	29	28	26

In 2009, there were 28 post-doctorate research appointments, 19 of which were funded by grants. For 2008, those figures were 29 and 12, respectively.

Research Expenditures

Total Research and Expenditures as reported to National Science Foundation.

Total Research and Development Expenditures (in thousands)

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
<i>UML</i>	\$29,383	\$36,117	\$40,873	\$56,664	\$59,345
<i>Peers</i>	\$83,889	\$82,623	\$85,986	\$88,735	NA

Beginning with FY 2010, the total R&D reported to NSF will include non-S&E expenditures. Prior to then, this total only included S&E expenditures. For FY2010, the total R&D for S&E is \$54,035 (in thousands).

Total Research and Development Expenditures per Faculty

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
<i>UML</i>	\$91,536	\$88,958	\$102,439	\$130,864	\$136,740
<i>Peers</i>	\$157,096	\$156,483	\$167,288	\$168,698	NA

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. For FY2010, there were 25 US patent applications filed. Additionally, there were 12 PCT or international patent applications for a total of 37 applications.

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
<i>UML</i>	11	17	16	28	25

UML applies for additional foreign patents not reflected in these totals. For FY2009 there were 9. There were none for FY2010. Some will be reported for FY2011.

License Income

For the past three years, total license income has remained relatively stable. UMass Lowell restructured the CVIP office last year. They anticipate quite a significant growth in FY2011.

Total License Income (in thousands)

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
<i>UML</i>	\$309	\$143	\$484	\$341	\$352

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.

	AY 2006-07	AY 2007-08	AY 2008-09	AY 2009-10	AY 2010-11
<i>UML</i>	25	11	15	8	19

Change in Tenured/Tenure-Track Faculty

The number of Tenure System full-time faculty increased by 1 over last year. Retirement incentives encouraged 12 senior faculty to retire in 2010, creating opportunities for highly qualified new faculty. UMass Lowell remains strongly committed to strengthening the faculty.

	Fall 2006	Fall 2007	Fall 2008*	Fall 2009*	Fall 2010*	1-year Change
<i>UML</i>	405	406	413	405	406	1

* Tenured faculty with administrative assignments are included since Fall 2008.

Beginning with fall 2009, these totals include tenure system faculty in administrative positions.

Change in Faculty FTE

The significant increase in Faculty FTE is due to the UML's emphasis on smaller sections at the undergraduate level as well as the growth in undergraduate enrollment.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	1-year Change
<i>UML</i>	492	503	495	559	643	84

This includes full-time tenured and tenure-track faculty as well as lecturers and visiting faculty. CSCE-only faculty were added beginning with Fall 2009.

Faculty Awards

The 2009 data not are yet available. The most recent data is for 2008.

Faculty Awards	2007	2008	2009
<i>UML</i>	2	0	
<i>Peers</i>	3	2	

The number of faculty awards as reported to the NSF is obtained from the Arizona Center for Measuring University Performance.

National Academy Members

The most recent data are for 2008. Only five of eight peers reporting.

National Academy Members	2007	2008	2009
<i>UML</i>	NR	NR	
<i>Peers</i>	1	1	

Source: As reported to the NSF, these data are obtained from the Arizona Center for Measuring University Performance.

ACCESS AND AFFORDABILITY

Percent Pell Grant Recipients

Percentage of degree seeking undergraduates receiving federal Pell Grants (need based). Percentage of *in-state* degree seeking undergraduates receiving federal Pell Grants (need based). Source: UMPO Financial Aid Template (Pell recipients) and CDS.

		Fall 2006	Fall 2007	Fall 2008	Fall 2009
	<i>UML</i>	16%	17%	18%	24%
	<i>In-State</i>	22%	21%	22%	27%

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

UMass Lowell remains committed to affordability and compares extremely favorably to our peers. The percent of students whose need is met is 95%. Source: CDS item H-2, for full-time undergraduate students.

<i>Percent Need Met</i>	2006-07	2006-07	2007-08	2008-09	2009-10
<i>UML</i>	93%	93%	94%	96%	95%
<i>Peers</i>			61%	57%	51%
<i>Former Peers</i>	63%	65%			

In-state students who demonstrated need had 94% of their need met. Source: UMPO Financial Aid Template.

<i>In-State Students</i>	2006-07	2006-07	2007-08	2008-09	2009-10
<i>Percent Need Met</i>	93%	93%	94%	96%	94%

Percent Undergraduates from Massachusetts

Massachusetts residents comprise the majority of UMass Lowell undergraduate students, Day and CSCE combined. Approximately five out of every six students is from MA.

<i>Percent UGs from MA</i>	Fall 2008	Fall 2009	Fall 2010
<i>UML</i>	85.9%	86.0%	86.4%

Online Course Registrations

UMass Lowell's Continuing Studies Corporate & Continuing Education online course registrations continue to increase, contributing to another UMass Online banner year. Many additional courses incorporate some elements of distance learning, such as e-mail, online syllabi and links, and chat rooms.

	AY 2006	AY 2007	AY 2008	AY 2009	AY 2010
Online Course Registrations	7,848	9,618	12,038	14,093	16,229

Annual Growth in Online Course Registrations

UMass Lowell made significant push to expand the programs and courses offered online as is evident in the growth during AY 2007, a push that continues into AY 2010.

Online Growth	AY 2006	AY 2007	AY 2008	AY 2009	AY 2010
<i>Increase from prior year</i>	8%	23%	17%	17%	15%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduate who are Students of Color

UMass Lowell's proportion of US students of color, especially those of Asian and Hispanic origin, demonstrates success in recruiting diverse students.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010
<i>Number</i>	1,438	1,520	1,796	2,116	2,604
<i>Percent</i>	21%	23%	23%	23%	23%

Percent Undergraduates who are First Generation in College

On the most recent NSSE survey, the percentage of seniors reporting as being first generation college students is 16% and is 26% for freshmen . Their combined percentage is reported for fall 2008.

Source: CIRP. There are as yet no plans to administer the CIRP survey this year. It is likely we will continue to use NSSE responses.

	Fall 2008	Fall 2009	Fall 2010
<i>Number</i>	N/A	NA	NA
<i>Percent</i>	21%	NA	NA

Percent Undergraduates with English as a Second Language

This indicator will be updated with the next administration of the CIRP survey on incoming undergraduates.

Source: CIRP.

	Fall 2009	Fall 2010
<i>Number</i>	NA	NA
<i>Percent</i>	NA	NA

Percent Undergraduates who are International

This figure includes only those undergraduates with USA citizenship status of Non-resident.

It is important to also note the high number of international graduate students since that population contributes most to the multicultural and ethnic diversity at UML. UMass Lowell has a total of 508 International students; 3.7% of the entire student body.

<i>Int'l (UG's)</i>	Fall 2008	Fall 2009	Fall 2010
<i>Number</i>	69	57	64
<i>Percent</i>	0.9%	0.7%	0.6%

Number Undergraduates who Participated in a Study Abroad Program

Data reported is from the IIE Open Doors survey completed by the advising office. As can be seen there is a continued increase of students studying abroad as a result of efforts to engage students in international programs.

<i>Study Abroad (UG's)</i>	<i>Fall 07-Summer 08</i>	<i>Fall 08-Summer 09</i>	<i>Fall 09-Summer 10</i>
<i>Number</i>	33	74	85

The number of students studying abroad may actually be higher than indicated because the survey only include those who made arrangements to study abroad through UML International Programs office. Thus, this would excludes those students advised elsewhere or who made their own arrangements and returned to UML with additional earned credits.

Freshman One-Year Retention Rate

After increasing for two years, UMass Lowell's retention rate has decreased slightly in fall 2010. Even so, it maintains a higher rate than UML's historical retention.

	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>UML</i>	76%	75%	79%	81%	78%
<i>Peers</i>	78%	79%	78%	75%	79%

Freshman Six-Year Graduation Rate

After increasing for two years, UMass Lowell's six-year graduation rate decreased slightly to 51%. This is still a substantial gain compared to three or more preceding years.

	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>UML</i>	46%	44%	51%	53%	51%
<i>Peers</i>	50%	51%	52%	50%	53%

The cohort reported for Fall 2010 is the Fall 2004 freshman cohort.

One-Year Retention Rate for Full-time Transfers

Transfers comprise a 38% of UMass Lowell's new undergraduate student pool. The one-year retention rate has remained relatively steady since 2008, representing a significant increase from earlier years.

<i>Transfer One-Year Retention Rate</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
	70%	74%	78%	77%	77%

Four-Year Graduation Rate for Upper Level Transfers

UMass Lowell significantly increased its completion rate for upper level transfers over fall 2009. In fact, this is the highest completion rate in the past five years.

<i>Upper Level Transfer</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>4-yr Graduation Rate</i>	69%	70%	70%	65%	77%

SERVICE TO THE COMMONWEALTH

Enrollment in STEM Programs

UMass Lowell increased the number of students participating in STEM programs again this year. The percentage of all students in STEM programs remains approximately steady.

	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Total Enrollment</i>	11,208	11,635	12,471	13,602	14,702
<i>STEM Enrollment</i>	3,093	3,406	4,004	4,439	4,758
<i>% STEM Enrollment</i>	28%	29%	32%	33%	32%

Degrees Awarded in STEM Fields

More than one-third of UMass Lowell's degrees are awarded in STEM fields. Additionally, UMass Lowell's wide variety of undergraduate and graduate certificate programs serve to lead students into STEM careers.

	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>
<i>Total Degrees/ Cert Awarded</i>	2,067	2,170	1,961	2,048	2,582
<i>STEM Degrees/ Cert</i>	783	697	653	687	892
<i>% STEM Degrees/ Cert</i>	38%	32%	33%	34%	35%

FINANCIAL HEALTH

Total Endowment and Annual Growth in Endowment

(In thousands)

The FY 2010 total endowment amount increased by \$7.1M. Funds held by UMass Foundation is \$27.4M, funds held by Alumni Association is \$3.8M and funds held in Quasi Endowment \$10M. The growth is a combination of gifts to existing endowment funds and the creation of 21 new endowment funds in FY10 plus the investment return on the principal.

	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UML total</i>	\$29,028	\$33,702	\$37,685	\$34,072	\$41,187
<i>Annual Growth</i>	17%	16%	12%	-10%	21%

NOTE: This information is provided by the UML Office of Advancement, a change from previously reported years when the source was the Arizona Center for Measuring University Performance which captures NSF data.

Endowment per Student

The FY 2010 Endowment Per Student increased due to the increase in the total endowment (see explanation above).

NOTE: This FTE was provided by Institutional Research.

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
<i>Per FTE</i>	\$3,071	\$3,726	\$3,915	\$3,085	\$3,752
<i>Peer avg</i>	\$10,616	\$13,314 *	NA		

Former peers \$6,066 \$6,281

* One peer reported a tripling of their endowment from \$80MM to \$240MM which accounts for this significant increase over prior year.

Private Funds Raised Annually

In FY 2010, the private funds raised annually included \$8.94M of cash and grants, \$1.12M for gifts in kind and \$3.04M for future pledges. For FY 2006-09, gifts of cash and grants were \$6.2M, \$7.3M, \$9.4M, and \$9.2M respectively.

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
<i>UML</i>	\$9.4 M	\$10.3 M	\$15.3 M	\$11.2M	\$13.1M

Return on Net Assets

The FY 2010 Return on Net Assets is a positive 42.2% due to net assets increasing \$54.1M. \$28M of the increase in net assets is the capital contribution for the Tsongas Arena acquisition for \$1. Net assets also increased due to increases in the endowment, gains on investments, monies set aside for one time strategic initiatives and an increase in net assets in Continuing Studies / Corporate Education.

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
<i>UML</i>	-1.9%	1.6%	14.60%	13.20%	42.2%
<i>Peers</i>			7.50%	0.30%	8.9%
<i>Former peers</i>	6.7%	7.8%			

The campus will continue to make strides towards improved financial health through revenue enhancement and expenditure control.

Financial Cushion

The FY 2010 Financial Cushion, which measures available unrestricted resources, increased to 22.6% due to increases in the quasi endowment, gains on investments, monies set aside for one time strategic initiatives and the increase in net assets in Continuing Studies / Corporate Education. Efforts to grow revenues and control expenditures are being implemented each year to stimulate and maintain continued growth.

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
<i>UML</i>	4.8%	5.0%	8.3%	11.9%	22.6%
<i>Peers</i>			17.1%	16.6%	18.2%
<i>Former peers</i>	15.3%	17.5%			

Debt Service to Operations

The FY 2010 Debt Service to Operations ratio was 4.0%. In FY10, UML borrowed \$82.175M, but there were no debt service payments in FY10. This ratio will increase in future years. UML continues to review our financial capacity to take on more debt against the facility needs being identified through the Master Planning effort. However, at this time it looks as though the campus will not exceed 5%.

	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UML</i>	3.3%	4.2%	3.9%	4.2%	4.0%
<i>Peers</i>			3.1%	3.2%	3.1%
<i>Former peers</i>	2.6%	3.2%			

Deferred Maintenance per GSF

This ratio provides a relative measure of the amount of deferred maintenance at a campus. The FY 2010 Deferred Maintenance per GSF of \$69 is slightly less than the FY2009 measure due to the addition of two significant properties which added approximately 380,000 GSF to the inventory. The campus is using data generated through the Sightlines process to benchmark and track progress.

	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UML</i>	\$76	\$74	\$69

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

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

SAT scores of first-time freshmen. The 25th and 75th percentiles and mean SAT scores of all first-year students. Peer scores may differ in percentage reporting or because of the conversion from fixed ACT scores to SAT ranges. (IPEDS Institutional Characteristics)

Average GPA of transfer students. The GPA used for admissions decision: generally, their GPA from the last institution attended. In some cases, if their credits earned is minimal compared to total credits earned elsewhere, a cumulative GPA is reported.

Doctorates awarded. Number of doctoral level degrees awarded annually as reported to IPEDS (early release data used for current reporting year). Peers data does not include formerly first professional degrees from associated professional schools.

Research expenditures and expenditures per faculty. Research and development expenditures as reported to National Science Foundation. Beginning FY2010, this figure includes non-S&E expenditures for all years reported. The “per faculty” figure is the total research and development expenditure figure divided by total tenure-system instructional faculty as reported to NCES (IPEDS EAP). Faculty are total tenure-system instructional faculty in the fall semester of each fiscal year.

Number of patent applications. Number of U.S. Patent applications filed per year.

License income. Amount of annual income from license agreements.

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

Change in number of tenured/tenure-track faculty. The difference in the number of tenured/tenure-track faculty from one fall semester to the next. Faculty members who are on paid leave are included, as are the 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 *instructional* faculty teaching state-supported

and non-state supported courses. Lowell’s fractional FTEs for part-time faculty were taken directly from UML’s PeopleSoft Human Resource System.

Faculty Awards. The number of awarded granted to faculty. Obtained from the Arizona Center for Measuring University Performance. This data is for the most recent, completed academic year reported, in this case, through AY2007.

National Academy Members. The number of faculty who are members of national academies. Obtained from the Arizona Center for Measuring University Performance. This data is for the most recent, completed academic year reported, in this case, through AY2007.

ACCESS AND AFFORDABILITY INDICATORS

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

Percentage need met for 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.

Percent undergraduates from Massachusetts. A measure of accessibility, this is the percentage of undergraduate students who are Massachusetts residents at the time of their enrollment at UML.

Online course enrollments. The total and percent increase in annual online (distance education) course registrations.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percentage of undergraduate students who are ALANA. Undergraduates who are African-American, Hispanic/Latino, Asian and/or Native American, as previously reported to UMPO. 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 college students. The percent of undergraduate students whose parents had no college education. This estimate is drawn from NSSE which was administered only to freshmen and senior students.

Percent of undergraduates with English as a second language. Percentage of undergraduates whose first language was not English. Not reported this year. This will be obtained by the next administration of the CIRP survey on incoming undergraduate students.

Percent of students who are international. Percentage of undergraduates who are non-resident aliens as already reported to the UMPO. UML will also report the university total which includes graduate students.

Study Abroad students. The number of undergraduate students who were reported as having taken for-credit instruction. Only the students who accessed this program through the UML Advising Office are reported (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 are from CDS, element B22.

Freshman six-year graduation rate. Percent of first-time, full-time, degree-seeking freshmen who entered in a given fall and graduated by the end of their sixth year. Peer data are from CDS, element B11.

One-year retention rate for full-time transfers. Percent of full-time transfer students at any level who entered in the previous fall and were still enrolled.

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

Satisfaction with Major. Percent of seniors responding as “Excellent” or “Good” to “How would you rate your entire educational experience at this institution?” Among them, UML will also report those who responded “Definitely” or “Probably yes” to “If you could start over again, would you attend the same institution you are attending now?” (NSSE)

SERVICE TO THE COMMONWEALTH INDICATORS

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 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.

FINANCIAL HEALTH INDICATORS

Total endowment, endowment growth, and endowment per student. The total value of the endowment at the end of the most recent fiscal year and the percent change from previous year is reported. The per-student ratio is based on total annualized FTEs, including non-degree seeking students in CSCE. Peer data for the FTE is from published financial statements.

Private funds raised annually. Private funds include restricted and unrestricted income from individuals, foundations, corporations and other organizations. Include 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. Expendable fund balance as a percentage of unrestricted expenditures and mandatory transfers. Peer data from published financial statements.

Debt service to operations. Debt service as a percentage of unrestricted expenditures and mandatory transfers. Peer data from audited financial statements.

Deferred maintenance per GSFs. An indicator of the campus facilities’ physical condition. Reported here is the amount per gross square footage.

PEER INSTITUTIONS FOR UMASS LOWELL

Georgia State University
Missouri University of Science and Technology
New Mexico State University – Main campus *
University of Idaho *
University of Maine – Orono *
University of Nevada – Reno
University of Rhode Island*
University of Wisconsin – Milwaukee

* *aspirant peer*

HEADLINES FROM THE 2011 ANNUAL INDICATORS

The Worcester campus continues to reach key milestones in its strategic plan, especially in areas of education and workforce development; the learning environment; translating research into practice; and regional and national impact. It is able to do so in large measure because of continued research achievement and growth; significant faculty achievement; and ongoing success in resource maximization and business redesign. Although external economic factors, including declining state support, compel UMW to prioritize support for strategic teaching, learning and research initiatives, campus efforts continue to track favorably for success in meeting key milestones. Measures instituted in the current year to prioritize support for mission-critical programs build on past year achievements and project reasonably well for the future. This is necessary in light of near term budget forecasts.

As a key source of revenue and – as importantly— scientific and academic achievement -- research funding continues to be a foundation for our strategic growth. UMW's success in securing grants from federal stimulus programs helped the campus during the past two years and current campus planning accounts for the end of ARRA funding.

- Academic quality: The Worcester campus continues its trend of attracting highly capable students to the School of Medicine (SOM) as judged by admission test scores, residency match results, and performance on licensing exams, even as the class size for the SOM has been increased; SOM graduates continue to rank the educational experience as highly satisfactory, and interest in the SOM remains especially high. As the campus embarks on a milestone accreditation process by the Liaison Committee on Medical Education (LCME), recent investments in facilities, instructional technologies, faculty and, importantly, curriculum redesign position the SOM well for a successful site visit. The Graduate School of Nursing continues successfully to modify its curriculum, course offerings and inter and cross disciplinary involvement as the landscape of advanced practice nursing evolves: 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 expects to attract another highly regarded applicant pool, and its reputation, attributable to the achievement and accessibility of the research faculty, and to the ongoing "halo effect" of the Nobel Prize, continues to grow. Notable student achievements include
 - publications in the most prominent journals in the biomedical sciences.
 - The quality and reputation of the UMW faculty are, by any measure, significant and growing. Recent accomplishments by faculty include an Alfred P. Sloan Foundation Fellowship; a Newcomb Cleveland Prize; a NARSAD Young Investigator Award; a Romer Foundation Fellowship; and election to the American Academy of Microbiology.
- Research growth, productivity and faculty recruitment: Research productivity is significant across the departments, in part because of continued success by established faculty and in part through strategic recruitments, especially in the clinical and translational sciences: a Clinical and Translational Science Award (CTSA) from the NIH places UMW in an elite cadre of approximately sixty institutions in the US at the front line of translational research program development. This award alone has contributed to UMW's ability to recruit highly capable faculty who have already begun to impact campus research programs and funding streams. The expected end of ARRA funding, while significant, was planned for, and competitive research dollars continue to support UMW's nationally and internationally known scientific programs. The addition of the new Ambulatory Care Center contributed important clinical care and clinical research space to UMW and its partner, UMass Memorial. Importantly, the ACC also contains dedicated space for a Clinical Research Center and the 'Conquering Diseases' biorepository core, a key element of UMW's strategic program in life sciences research. Construction on the Albert Sherman Center continues on time and within budget and, by June, the steel frame of the building should be complete. When the Sherman Center opens in 2012, it will create a new "front door" for the campus and provide UMW with a state-of-the-art home for educational "learning communities" and researchers in RNA biology, gene therapy and stem cell biology. These new facilities are vital to the campus and the UMW mission.
- 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 under-served populations in the state; a new BS to MD recruitment program has been developed through the efforts of the University Provosts, and will help the University and the Commonwealth identify additional highly qualified undergraduate candidates within the UMass 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. As part of UMW's business practices redesign program, the campus will adjust certain fees to help support educational investments in facilities, faculty and curriculum.

- Anecdotal evidence, such as rankings in the *US News* annual ratings of medical schools, continues to reinforce the reputation of the SOM as a high quality, affordable institution: the 2011 *US News* ranking places the SOM 8th in the nation for primary care; 53rd among research institutions and 16th among educational programs in family medicine. Comparative data on the performance of medical students on benchmark exams and in the residency program match are good supporting indicators of quality. Importantly, the curriculum reform effort in

the SOM will change medical education at UMW profoundly, and 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.

As with virtually every other institution, the Worcester campus faces economic challenges that necessitate prudent and, sometimes, difficult decisions in support of strategic priorities. The campus remains committed to its strategic goals and has in place a realistic plan for managing its ambitious vision for remaking life sciences education, research, and care in the Commonwealth. As achievements and discoveries in the life sciences foretell an exciting future where the fruits of research positively impact human lives and at a time when the need for highly-talented physicians, scientists and advanced practice nurses is projected to grow dramatically, the Worcester campus is positioned well to respond.

2011 ANNUAL INDICATORS AT A GLANCE**ACADEMIC QUALITY**

• Average Biology MCAT Scores	10.9
• Doctorates Awarded	152
• Post-Doctoral Appointees	440
• Total R&D Expenditures	\$232.0M
• Total R&D Expenditures Per Faculty	\$229,969
• Federal Research Support Per Faculty	\$161,787
• NIH Funding For Medical Schools	\$151.7M
• Rank in US News (Primary Care)	8
• Patent Applications per Year	64
• License Income Per Year	\$38.4M
• Licensing Income/AUTM Ranking	8
• New Tenured/Tenure-Track Faculty	15
• Change in Tenured/Tenure-Track Faculty	+15
• Change in Faculty FTE	+17
• Faculty Awards	20
• National Academy Members	5
• Howard Hughes Investigators	7

ACCESS AND AFFORDABILITY

• Tuition & Fees	\$15,738
• Tuition & Fees (Including Adjust. for Learning Contract)	\$ 10,170

STUDENT SUCCESS AND SATISFACTION

• Match Rate/ Choice of Residency	94%
• Licensure/Certification Pass Rates	
<i>USMLE Step 1</i>	94%
<i>USMLE Step 2</i>	96%
<i>GSN State Certification</i>	<i>not available as of March 2011</i>
• % Students “Very Satisfied” With Quality of Their Medical Education	69%

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM Programs	439
• Degrees Awarded in STEM Fields	51
• Service to State Agencies	\$393.09M

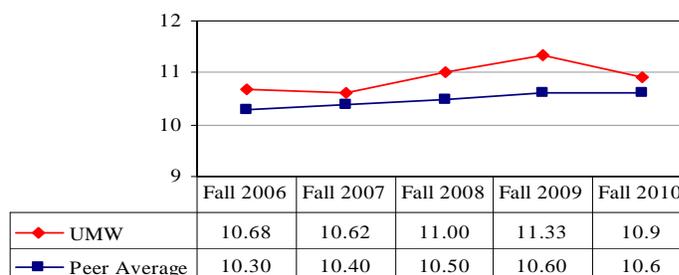
FINANCIAL HEALTH

• Total Endowment	\$121.8M
• Endowment Per Student	\$121,346
• Private Funds Raised Annually	\$16M
• Return on Net Assets	0.5%
• Financial Cushion	18.1%
• Debt Service to Operations	2.1%
• Deferred Maintenance per GSF	\$57

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 1st year UMW medical students has been consistently higher than the peer average. Peer data is all AAMC Public Medical Schools, as individual school data is not readily available.



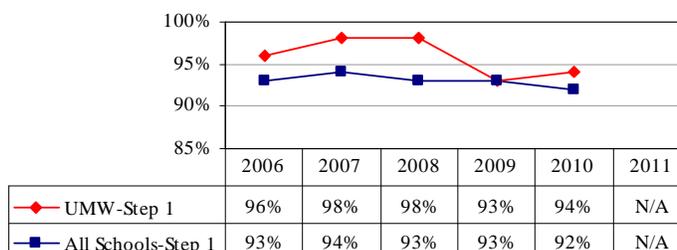
Peers Source: From AAMC Public Medical Schools Only

Pass Rates on USMLE Step 1 and Step 2

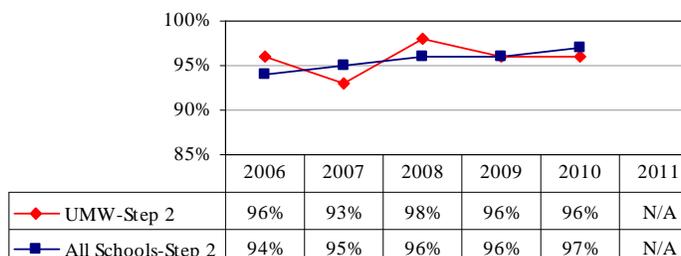
The USMLE (United States Medical Licensing Examination) is a national licensing examination for physicians and is the single path to medical licensure in the United States.

The Step One exam covers basic science information and is taken in most medical schools at the end of the second year; Step Two 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
Taking USMLE Step 1 for the First Time in 2010 with Scores Reported Through Oct. 7

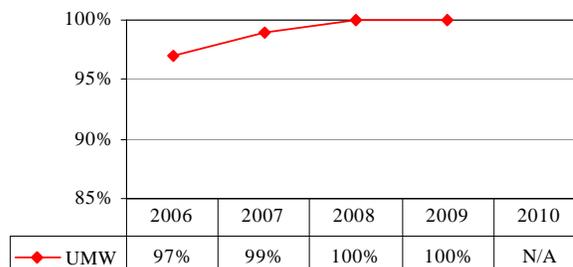


*Source - National Board of Medical Examiners: Performance of Examinees
Taking USMLE Step 2 for the First Time in the Academic Year July 2008 to June 2009

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

Pass Rates on Nursing Board Certification

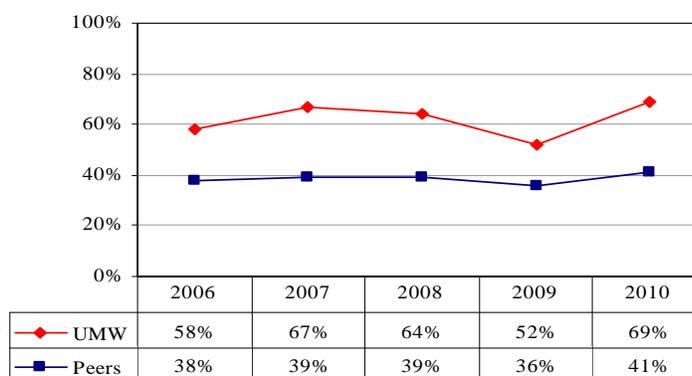
Nursing Board certification signifies advanced practice clinicians who have met requirements for clinical and functional practice in a specialized field, pursued education beyond basic preparation, and received the endorsement of their peers. After meeting these criteria, health care professionals take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



Data by Class Year

Percent Graduates "Very Satisfied" with Medical Education

From the AAMC Graduation Questionnaire, 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 UMW to responses of students graduating from all public medical schools. Results show UMW students continue to be much more satisfied with the quality of their education than students from other public medical schools.



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

Doctorates Awarded

In 2010, 152 doctorates were awarded. Enrollment and the number of PhD programs offered continues to expand.

	2008	2009	2010
UMW	149	154	152

Source: IPEDS Completions

Post-Doctoral Appointees

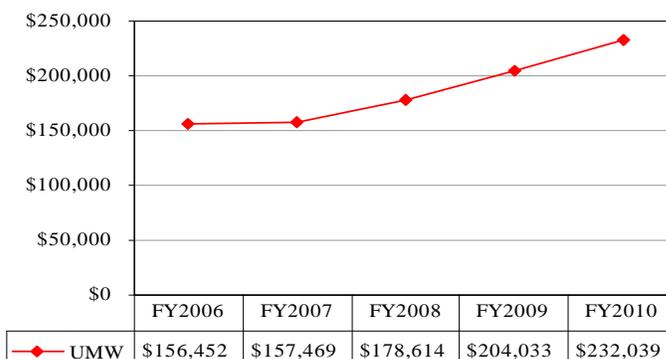
The number of post-doctoral appointees is an indicator of the size and quality of the research enterprise. The number of post-docs in 2010 were at 440, an increase of 83 over the prior year.

	2008	2009	2010
UMW	342	357	440

Research Expenditures

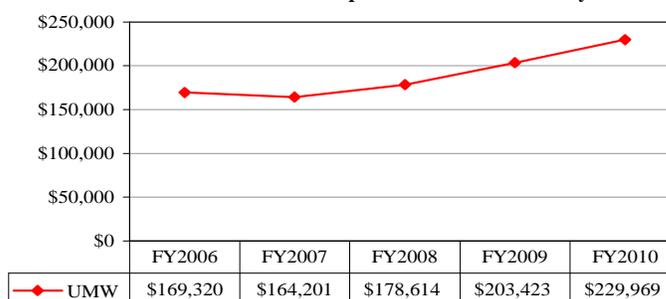
The Worcester Campus remains committed to research growth in a number of key areas, especially in the clinical and 'bench to bedside' arenas. New faculty recruitment will positively impact productivity and total research support. Peer data for medical schools separate from parent university not readily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

Total R&D Expenditures (in \$000's)



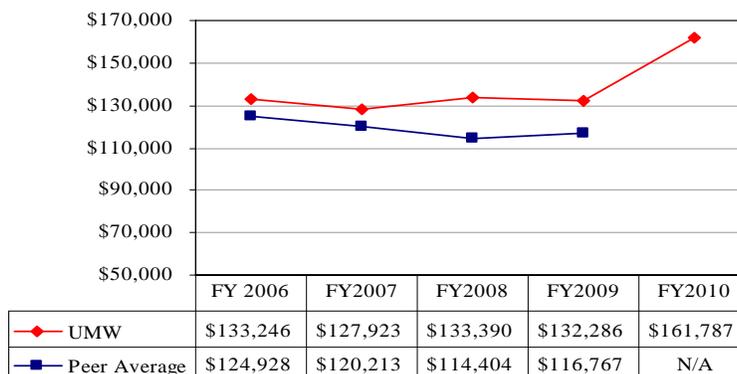
Source: NSF (R&D expenditures at all universities and colleges with a medical school, All funds)

Total R&D Expenditures Per FT Faculty



Federal Research Support per 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. While the increased competition for limited federal dollars has impacted all institutions, research productivity at UMW remains solidly ahead of peer institutions. For 2011 Annual Indicators Report, UMW peer institutions were updated from 14 to 20, the list of 20 peer institutions is listed in UMW Definitions and Sources section



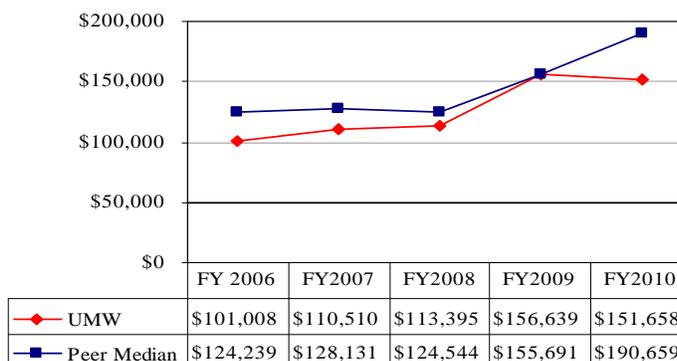
Source: AAMC Ad Hoc Report, 20 school peer list

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.

*Due to change in peer institutions, UMass Medical School's funding approaches the median of newly identified 20 peer institutions.

NIH Funding (in \$000's)



Source: NIH Ad Hoc Report, *20 school peer list

US News Ranking

The ranking by U.S. News & World Report is for 146 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 2007	FY 2008	FY 2009	FY 2010	FY 2011
UMW Rank	11	13	7	9	8

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. FY 2010 was an unusual year in that the number of applications filed was significantly higher. These numbers are expected to increase in the future as our newly hired investigators begin to make their invention disclosures.

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
UMW	66	58	58	55	64

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 2006	FY 2007	FY 2008	FY 2009	FY 2010
UMW	\$25,545	\$40,684	\$35,719	\$70,791	\$38,377

AUTM Ranking/Licensing Income

This indicator reports the ranking of licensing income/technology performance as reported on the Association of University Technology Managers (AUTM) Annual Survey. Total respondents include U.S. & Canadian academic and non-profit institutions and Patent Management Firms. Measures reported reflect UMASS system ranking; however UMW represents 98% of UMASS System total licensing revenue for FY 2009. FY 2009 is the most recent data available.

	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMW</i>	12	13	13	8	N/A
<i>Total</i>	157	157	155	149	N/A

New Tenured/Tenure-Track Faculty Hired

In FY 2010, UMW hired fifteen new tenured/tenure-track faculty as the campus continues to recruit new faculty in support of the on-going growth of the research enterprise.

	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY2009</i>	<i>FY2010</i>
<i>UMW</i>	15	7	16	15

Change in Tenured/Tenure-Track Faculty

There were 15 more tenured/tenure-track faculty as of June 30, 2010 compared to June 30, 2009. UMW continues to grow its faculty in support of the on-going growth of the basic and translational research enterprises.

	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>1-Year Change</i>
<i>UMW</i>	200	213	224	239	15

Change in Faculty FTE

The total number of faculty, both tenured/tenure track and non-tenured, is increasing as the campus continues to recruit new faculty in support of the on-going plan to grow the clinical and research enterprises.

	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>	<i>1-year Change</i>
<i>UMW</i>	968	1005	1090	1107	17

Faculty Awards

*With 20 awards in 2009, Faculty Awards has increased by 2 over prior year. 2009 Top American Research Universities Annual Report not available as of 3/2011; Peer data for medical schools separate from parent university not readily available.

	<i>2007</i>	<i>2008</i>	<i>2009</i>
<i>UMW</i>	15	18	20*

Source: The Top American Research Universities, 2009 Annual Report.

National Academy Members

*The Top American Research Universities, 2009 Annual Report not available as of 3/2011. Peer data for medical schools separate from parent university not readily available.

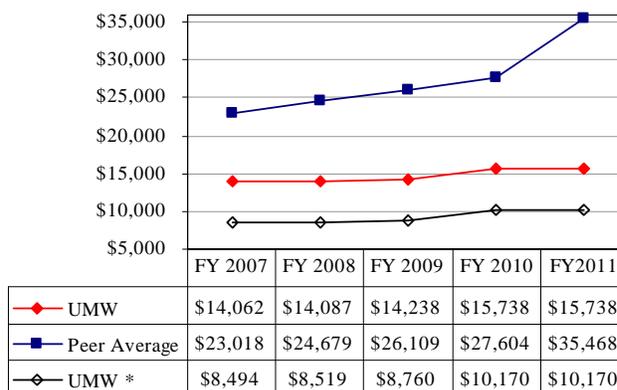
	2007	2008	2009
UMW	3	3	5*

Source: The Top American Research Universities, 2009 Annual Report.

ACCESS AND AFFORDABILITY

Tuition & Fees (includes adjustment for learning contract)

This indicator measures the annual medical school tuition and mandatory fees against peer institutions. UMW's tuition and fees continue to be significantly lower than the average for 20 school peer list. In addition, at UMW, 89% of our current medical students opt for the learning contract. 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 8 years.

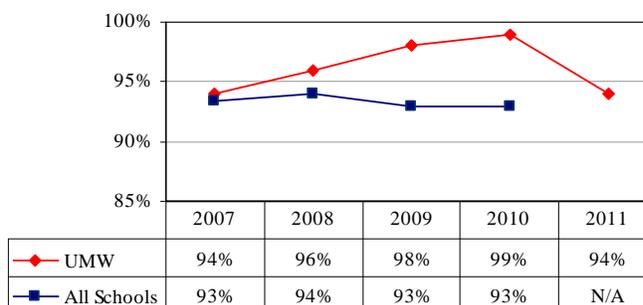


* UMW Tuition and Fees adjusted for learning contract
Peers Source: From AAMC, 20 school peer list

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 2011, of the students going through the NRMP, 94% were matched to their choice of residency.



Peers Source: National Resident Matching Program, All Schools
Data by Class Year. Not available as of March 2011

SERVICE TO THE COMMONWEALTH

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.

	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>Fall 2010</i>
<i>Total Enrollment</i>	990	995	1,033	1,100
<i>STEM Enrollment</i>	370	394	407	439
<i>Percent STEM</i>	37%	40%	39%	40%

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.

	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>
<i>Total Degrees/Cert.</i>	182	219	215	195
<i>STEM Degrees/Cert</i>	38	49	57	51
<i>Percent STEM</i>	21%	22%	27%	26%

Service to State Agencies

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

(In \$000's)

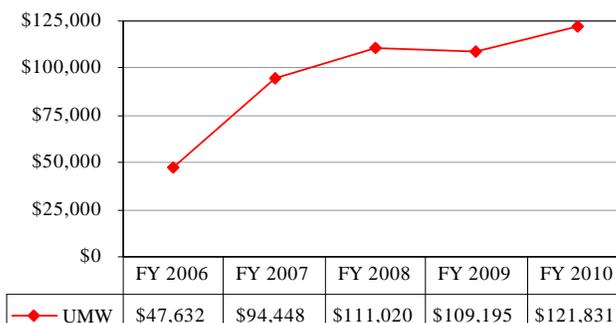
	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMW</i>	\$352,603	\$363,505	\$304,486	\$370,392	\$393,088

FINANCIAL HEALTH

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.

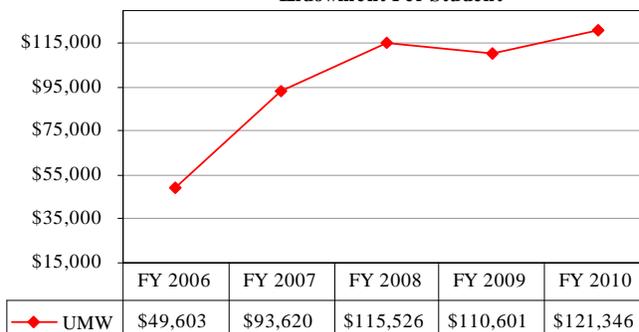
Total Endowment Dollars (in \$000's)



Annual Growth in Endowment

	FY 2007	FY 2008	FY 2009	FY 2010
UMW	98.29%	17.55%	-1.64%	11.57%

Endowment Per Student



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.



Return on Net Assets

The return on net assets provides an indication whether the institution is financially better off than the previous year by measuring the overall economic return of the campus.

Return on net assets will fluctuate from year to year as the campus sets aside reserves for future use, or uses reserves for new investments in support of its mission, and should therefore be viewed over an extended period, and relative to the success in achieving the mission. Peer data for medical schools separate from parent university not readily available.

	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMW</i>	2.4%	15.3%	4.5%	2.3%	0.5%

Financial Cushion

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

	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMW</i>	27.8%	29.2%	29.9%	22.2%	18.1%

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 not readily available.

	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMW</i>	2.0%	2.2%	3.6%	3.0%	2.1%

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 2008</i>	<i>FY 2009</i>	<i>FY 2010</i>
<i>UMW</i>	\$ 50	\$ 56	\$ 57

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

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

Number of Doctorates Awarded. Number of Doctorates awarded for the academic year 2010 which includes September 2009, January 2010, and May 2010 award dates.

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

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

Total R&D Expenditures per Faculty. R&D expenditures from all sources (federal, state, local governments, industry, private, and institutional) and in all academic fields, as reported to NSF, divided by all full-time faculty as reported by the AAMC. Peer data not available.

Federal Research Support per Faculty. Federal research direct plus federal research facilities and administration divided by all full-time faculty as reported by the AAMC.

NIH Funding among Medical Schools. Annual amount of NIH Funding. UMW and peer data are from NIH Ad Hoc Report.

US News Ranking. U.S. News annual ranking of medical schools with special emphasis in Primary Care.

Patent Applications. Number of U.S. Patent applications filed per year. Data reported by each UMass campus to President's Office, Office of CVIP.

License Income. Amount of annual income from license agreements. Data reported by each UMass campus to President's Office, Office of CVIP.

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

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

Change in Number of Tenured/Tenure-Track faculty. The difference in the number of tenured/tenure-track faculty from one fall semester to the next. This number includes faculty members who are on paid leave and does not include individuals whose primary responsibility is administrative.

Change in Faculty FTE. The difference in the total FTE, from one fall semester to the next, for all full-time and part-time faculty. FTE is based upon standard hours per week (40). Includes faculty members who are on paid leave and does not include individuals whose primary responsibility are administrative.

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

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

ACCESS AND AFFORDABILITY INDICATORS

Tuition and Fees as Adjusted for Learning Contract. Annual tuition and mandatory fees for In-State students. Peer data from AAMC.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Acceptance Rate to Choice of Residency. Percent of graduating students accepted to their choice of residency. National results provided by NRMP.

Pass Rate on USMLE. The percentage of medical students passing Step 1 and Step 2 on their first attempt. Peer data represents national results from National Board of Medical Examiners (NBME).

Pass Rate on Nursing Board Certification. The percentage of nursing graduates who passed the board certification examination on their first attempt. National results (provided by the American Nurses Association Credentialing Center) represent pass rates by nurse

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

Percent of Graduates indicating “Very Satisfied” with the quality of their medical education. The percentage of graduating medical students indicating "very satisfied" with the quality of their medical education. UMW and peer data are from AAMC Graduation Questionnaire results.

SERVICE TO THE COMMONWEALTH INDICATORS

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

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

Service to State Agencies. Annual amount expended for state sponsored grants and contracts and the sale of public service activities to other Massachusetts state agencies. Peer data not available.

FINANCIAL HEALTH INDICATORS

Total Endowment. UMass endowments including Foundation endowments and quasi-endowments.

Endowment per Student. UMass endowments including Foundation endowments and quasi-endowments divided by FY 2010 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		Selected Peer Institutions
Arizona	South Dakota	<i>Regional/Competitor:</i>
Arkansas	South Florida	Harvard University
Buffalo	Southern Illinois	Boston University
Cincinnati	Stony Brook	Tufts University
Colorado	Tennessee	Dartmouth College
East Carolina - Brody	Texas A & M	University of Vermont
East Tennessee - Quillen	Texas Tech	Brown University
Eastern Virginia	U Washington	State University of New York, Stonybrook
Florida State	UC Irvine	University of Maryland
Georgia	UC San Diego	<i>Public Aspirant:</i>
Hawaii - Burns	UC San Francisco	University of Texas, SW
Illinois	UCLA - Geffen	University of Iowa
	UMDNJ - RW	
Kansas	Johnson	University of North Carolina
Kentucky	UMDNJ New Jersey	University of Alabama, Birmingham
LSU New Orleans	UT Galveston	University of Michigan
LSU Shreveport	UT Houston	University of Washington
Louisville	UT San Antonio	University of California, San Francisco
MU Ohio	Utah	
MU South Carolina	Vermont	<i>Private Aspirant:</i>
	Virginia	Washington University in St. Louis
Marshall - Edwards	Commonwealth	Johns Hopkins University
Massachusetts	West Virginia	
	Wright State - Boonshoft	Yale University
Michigan State	Wright State	University of Pennsylvania
Minnesota Twin Cities	Alabama	University of Pittsburgh
Mississippi	Connecticut	
Missouri Columbia	Florida	
Missouri Kansas City	Indiana	
Nebraska	Iowa - Carver	
Nevada	Maryland	
New Mexico	Michigan	
North Dakota	North Carolina	
Northeastern Ohio	Ohio State	
Oklahoma	UC Davis	
Oregon	UT Southwestern	
Penn State	Virginia	
Puerto Rico	Wayne State	
SUNY Downstate	Wisconsin	
SUNY Upstate		
South Alabama		
South Carolina		

Clery Act Crime Statistics

UMass Amherst

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2009		Fall 2008		Fall 2007	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	20,873	12,011	20,539	11,936	20,114	11,687
GRADUATE STUDENTS	6,143	96	5,820	146	5,759	183

OFFENSE	Calendar Year		
	2009	2008	2007
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE*	8	12	9
SEX OFFENSES, NON-FORCIBLE	0	1	0
ROBBERY	1	0	4
AGGRAVATED ASSAULT	8	12	18
BURGLARY	59	62	68
MOTOR VEHICLE THEFT	4	0	6
ARSON	0	3	1
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	1
LIQUOR LAW ARRESTS**	486	341	257
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1,957	2,143	2,521
DRUG LAW ARRESTS**	27	197	167
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	31	188	569
ILLEGAL WEAPONS POSSESSION ARRESTS	8	13	4
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1	9	1

Note: Total count for each category includes crimes that occurred on campus, in or on a non-campus building or property, or on public property within or immediately adjacent to and accessible from the campus.

*Forcible Sex Offenses include those reported to UMPD and those reported to other Campus agencies.

**UMPD arrests involving both drug law and liquor law violations are counted only as a drug law violation, which is the more serious offense.

Clery Act Crime Statistics

UMass Boston

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2009		Fall 2008		Fall 2007	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	11,041	0	10,478	0	10,008	0
GRADUATE STUDENTS	3,871	0	3,639	0	3,425	0

OFFENSE	Calendar Year		
	2009	2008	2007
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE*	0	0	0
SEX OFFENSES, NON-FORCIBLE	0	0	0
ROBBERY	0	1	1
AGGRAVATED ASSAULT	26	4	0
BURGLARY	0	17	33
MOTOR VEHICLE THEFT	0	1	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>	0	0	0
LIQUOR LAW ARRESTS	1	0	0
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	1	0
DRUG LAW ARRESTS	0	7	1
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1	4	0
ILLEGAL WEAPONS POSSESSION ARRESTS	0	2	0
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	0	1

Note: Total count for each category includes crimes that occurred on campus, in or on a non-campus building or property, or on public property within or immediately adjacent to and accessible from the campus. UMB campus does not have residence halls.

Clery Act Crime Statistics

UMass Dartmouth

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2009		Fall 2008		Fall 2007	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	7,982	4,342	7,982	4,407	7,927	4,115
GRADUATE STUDENTS	1,320	53	1,173	37	1,153	46

OFFENSE	Calendar Year		
	2009	2008	2007
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE	4	2	2
SEX OFFENSES, NON-FORCIBLE	0	0	0
ROBBERY	1	3	4
AGGRAVATED ASSAULT	22	10	12
BURGLARY	41	72	68
MOTOR VEHICLE THEFT	0	3	0
ARSON	0	1	1
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	206	14	5
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	905	581	1,273
DRUG LAW ARRESTS	10	52	3
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	105	158	142
ILLEGAL WEAPONS POSSESSION ARRESTS	0	1	1
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	6	15

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 Lowell

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2009		Fall 2008		Fall 2007	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	10,548	2,931	9,706	2,597	8,879	2,228
GRADUATE STUDENTS	3,054	31	2,765	26	2,756	20

OFFENSE	Calendar Year		
	2009	2008	2007
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE	3	2	4
SEX OFFENSES, NON-FORCIBLE	0	0	6
ROBBERY	6	4	7
AGGRAVATED ASSAULT	14	15	13
BURGLARY	17	32	47
MOTOR VEHICLE THEFT	7	17	7
ARSON	4	5	2
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	8	3	19
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	69	51	29
DRUG LAW ARRESTS	10	13	15
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	92	28	20
ILLEGAL WEAPONS POSSESSION ARRESTS	2	3	4
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	3	1	2

Note: Total count for each category includes crimes that occurred on campus, in or on a non-campus building or property, or on public property within or immediately adjacent to and accessible from the campus.

Clery Act Crime Statistics

UMass Worcester

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2009		Fall 2008		Fall 2007	
	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	1,091	0	1,025	0	1,013	0

OFFENSE	Calendar Year		
	2009	2008	2007
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE	0	0	0
SEX OFFENSES, NON-FORCIBLE	0	0	0
ROBBERY	0	0	0
AGGRAVATED ASSAULT	0	0	0
BURGLARY	0	4	6
MOTOR VEHICLE THEFT	0	0	2
ARSON	0	0	0
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0	0	0
LIQUOR LAW ARRESTS	0	0	0
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	0	0
DRUG LAW ARRESTS	0	0	0
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	0	0
ILLEGAL WEAPONS POSSESSION ARRESTS	0	0	0
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	0	0

Note: Total count for each category includes crimes that occurred on campus, in or on a non-campus building or property, or on public property within or immediately adjacent to and accessible from the campus. UMW campus does not have residence halls.