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PERFORMANCE MEASUREMENT SYSTEM

UNIVERSITY OF MASSACHUSETTS 2010 Annual Indicators Report

UMASS President's Office
Office of Institutional Research
June 2010

UNIVERSITY OF MASSACHUSETTS

Amherst • Boston • Dartmouth • Lowell • Worcester

2010 REPORT ON ANNUAL INDICATORS **University Performance Measurement System**

Message from the President

I am pleased to present the University of Massachusetts *2010 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 13 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 65,000 students, the vast majority of whom are sons and daughters of the Commonwealth. We conduct more than \$489 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 2010. 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.

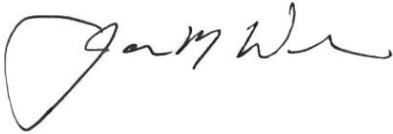
Major highlights of the report include:

- ❖ ***UMass continues to be accessible and affordable.***
UMass tuition and fees average 13% of statewide median family income, a percent much lower than that for the state's private universities (42%) and other New England public universities (16%). UMass spends approximately \$103.6 million of its own resources on financial aid, meeting 93 percent of Massachusetts students' estimated financial need. Since 2003, total institutional financial aid has increased by \$68 million or 191 percent.
- ❖ ***UMass serves citizens of the Commonwealth.***
Over four-fifths (84%) of UMass undergraduates are Massachusetts residents, compared with a quarter (26%) at private universities in the state.
- ❖ ***UMass' research capacity continues to grow.***
In FY 2009, the system expended \$489.1 Million in sponsored research, an increase of 12.4% over FY 2008. Furthermore, in 2009, the five campuses awarded a total of 436 doctoral degrees across various disciplines.

- ❖ ***UMass Worcester is consistently ranked in the top 5 percent of medical schools with an emphasis in primary care.***
In the 2010 *U.S. News* rankings, UMass Worcester ranked ninth among 144 medical schools with emphasis in primary care medicine.
- ❖ ***UMass' contribution to an educated citizenry and workforce remains high.***
UMass awarded over 12,241 degrees 2008-09, which is 14% 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 2009, the University's return on net assets, financial cushion and debt service to operations were all within the range of peer systems.

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.

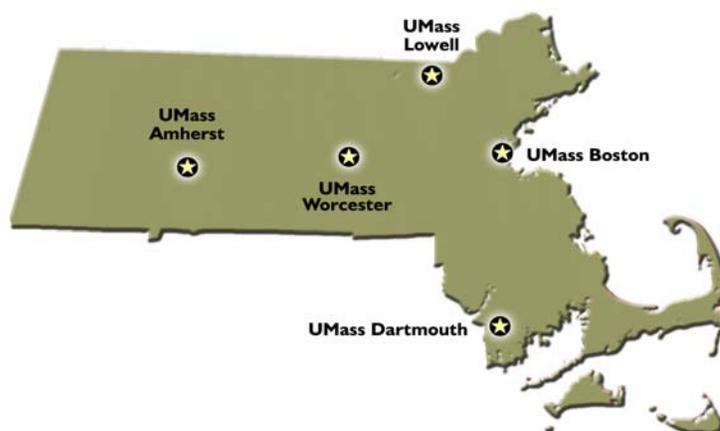
Sincerely,

A handwritten signature in black ink, appearing to read "Jack M. Wilson". The signature is fluid and cursive, with a large initial "J" and "W".

Jack M. Wilson
President

CONTENTS

THE 2010 REPORT ON ANNUAL INDICATORS	1	UMASS DARTMOUTH	42
2010 ANNUAL INDICATORS	2	HEADLINES FROM THE 2010 ANNUAL INDICATORS	42
UMASS SYSTEM	3	2010 ANNUAL INDICATORS AT A GLANCE	43
HEADLINES FROM THE 2010 ANNUAL INDICATORS	3	DATA TABLES AND CHARTS	44
2010 ANNUAL INDICATORS AT A GLANCE	4	ACADEMIC QUALITY	44
DATA TABLES AND CHARTS	5	ACCESS AND AFFORDABILITY	47
ACADEMIC QUALITY	5	STUDENT SUCCESS AND SATISFACTION	48
ACCESS AND AFFORDABILITY	6	SERVICE TO THE COMMONWEALTH	50
STUDENT SUCCESS AND SATISFACTION	7	FINANCIAL HEALTH	50
SERVICE TO THE COMMONWEALTH	7	DEFINITIONS AND SOURCES	52
FINANCIAL HEALTH	9		
DEFINITIONS AND SOURCES	12	UMASS LOWELL	55
		HEADLINES FROM THE 2010 ANNUAL INDICATORS	55
UMASS AMHERST	14	2010 ANNUAL INDICATORS AT A GLANCE	57
HEADLINES FROM THE 2010 ANNUAL INDICATORS	14	DATA TABLES AND CHARTS	58
2010 ANNUAL INDICATORS AT A GLANCE	16	ACADEMIC QUALITY	58
DATA TABLES AND CHARTS	17	ACCESS AND AFFORDABILITY	61
ACADEMIC QUALITY	17	STUDENT SUCCESS AND SATISFACTION	62
ACCESS AND AFFORDABILITY	20	SERVICE TO THE COMMONWEALTH	63
STUDENT SUCCESS AND SATISFACTION	21	FINANCIAL HEALTH	64
SERVICE TO THE COMMONWEALTH	22	DEFINITIONS AND SOURCES	66
FINANCIAL HEALTH	23		
DEFINITIONS AND SOURCES	25	UMASS WORCESTER	68
		HEADLINES FROM THE 2009 ANNUAL INDICATORS	68
UMASS BOSTON	27	2010 ANNUAL INDICATORS AT A GLANCE	70
HEADLINES FROM THE 2010 ANNUAL INDICATORS	27	DATA TABLES AND CHARTS	71
2010 ANNUAL INDICATORS AT A GLANCE	29	ACADEMIC QUALITY	71
DATA TABLES AND CHARTS	30	ACCESS AND AFFORDABILITY	76
ACADEMIC QUALITY	30	STUDENT SUCCESS AND SATISFACTION	76
ACCESS AND AFFORDABILITY	33	SERVICE TO THE COMMONWEALTH	77
STUDENT SUCCESS AND SATISFACTION	34	FINANCIAL HEALTH	78
SERVICE TO THE COMMONWEALTH	36	DEFINITIONS AND SOURCES	80
FINANCIAL HEALTH	37		
DEFINITIONS AND SOURCES	39	APPENDICES	83
		CLERY ACT CRIME STATISTICS	
		AMHERST	83
		BOSTON	84
		DARTMOUTH	85
		LOWELL	86
		WORCESTER	87



THE 2010 REPORT ON ANNUAL INDICATORS

The 2010 Report on Annual Indicators is the 13th 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 14 public medical schools in the United States. 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 2010 Annual Indicators
- 2010 Annual Indicators at a Glance
- Data Tables and Charts
- Definitions and Sources

LEGISLATIVE PRIORITIES	UMASS STRATEGIC PRIORITIES	2010 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	
		National Academy Members	
	ACCESS AND AFFORDABILITY	Access and Affordability	Tuition & Fees as Percent of Statewide Family Income
			Percent Pell Grant Recipients
			Percent of Need Met for Students Awarded Need-Based Aid
			Tuition & Fees with Learning Contract
			Percent Undergraduates from Massachusetts
			Online Course Enrollments
			Annual Growth in Online Course Enrollments
Enrollments in Continuing/Corporate Education			

LEGISLATIVE PRIORITIES	UMASS STRATEGIC PRIORITIES	2010 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				
Service to State Agencies (\$)				
FINANCIAL HEALTH	Endowment			Endowment Assets and Annual Growth in Endowment
				Endowment per Student
		Private Funds Raised Annually		
	Administrative and IT services	Return on Net Assets		
		Financial Cushion		
		Campus Safety		
Infrastructure	Debt Service to Operations			
	Total Deferred Maintenance Cost			
	Deferred Maintenance per GSF			

HEADLINES FROM THE 2010 ANNUAL INDICATORS

ACADEMIC QUALITY

❖ ***UMass continues to admit high quality students.***
UMass attracts highly qualified applicants. For Fall 2009, almost all the 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. Average high school GPA rose or remained stable.

❖ ***UMass' research capacity continues to grow.***
In FY 2009, the system generated \$489.12 million in research expenditures, an increase of 12.4% over FY 2008. Furthermore, in 2009, the five campuses awarded a total of 436 doctoral degrees across various disciplines.

❖ ***UMass Worcester is consistently ranked in the top 5% of medical schools with an emphasis in primary care.***
In the 2010 US News ranking, UMass Worcester ranked seventh among 144 medical schools with emphasis in primary care medicine.

❖ ***Commercialization of UMass research continues to grow.***
In FY 2008, license income for the system totaled \$37.7 Million. UMass ranks among the top US universities in license income.

ACCESS AND AFFORDABILITY

❖ ***UMass continues to be accessible and affordable.***
UMass tuition and fees average 13% of statewide median family income, a percent much lower than that for the state's private universities (42%) and other New England public universities (16%).

❖ ***UMass serves citizens of the Commonwealth.***
Over four-fifths (84%) of UMass undergraduates are Massachusetts residents, compared with a quarter (26%) 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 2008-09 course enrollments for UMass Online were 41,677, a 17% increase over those for AY 2007-08.

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, over one-fourth (or 25.1%) UMass undergraduates are Black, Asian, Hispanic or Native. At UMass Boston, 45% of undergraduates are students of color, making it the most

diverse public university with over 2,500 undergraduates in all of New England. As a point of comparison, approximately 24% 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 734 international undergraduate students (1.5%) 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 3,133) of the total student population - including all undergraduates, graduates, and medical students.

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

SERVICE TO THE COMMONWEALTH

❖ ***Majority of Massachusetts residents attend UMass.***
Almost two of three (63.3%) 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 over 12,241 degrees and certificates in 2008-09, which is 14% 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 (62%) graduates of the University remain in the Commonwealth after graduation.

FINANCIAL HEALTH

❖ ***Endowment at \$372.6 Million.***
The market value of the University's endowment declined by -8.5% from FY 2008 to FY 2009, reflecting the recent national economic downturn.

❖ ***Financial indicators compare favorably to peers.***
In FY 2009, the University's return on net assets, financial cushion and debt service to operations were all within the range of peer systems.

2010 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

- Research Expenditures \$489.1M
- License Income \$73M
- Doctoral awards (2008) 436

ACCESS AND AFFORDABILITY

- Tuition & Fees as Percent of Family Income 13%
- Percent Undergraduates from Massachusetts 84%
- Online Course Enrollments 41,677
- Annual Growth in Online Course Enrollments 17%

STUDENT SUCCESS AND SATISFACTION

- Percent Undergrads who are Students of Color 25.1%
- Percent Undergrads who are International 1.5%

SERVICE TO THE COMMONWEALTH

- Proportion of Mass Residents Attending Universities in MA enrolled in UMass 63.3%
- Enrollment of In-State Undergraduates by Region:
 - Greater Boston 34%
 - Northeastern Mass 16%
 - Southeastern Mass 15%
 - Central Mass 7%
 - Western Mass 10%
- Degrees awarded 12,241
- UMass as Percent of all Massachusetts Degrees 14%
- Percent Graduates who Remain in MA 60%
- MTEL Science and Math Test-Takers 84

FINANCIAL HEALTH

- Endowment Assets \$372.6M
- Annual Growth in Endowment -8.5%
- Private Funds Raised Annually \$88.5M
- Return on Net Assets 4.2%
- Financial Cushion 19.6%
- Debt Service to Operations 4.5%
- Total Deferred Maintenance Cost \$2.23B
- Deferred Maintenance per GSF \$134.18

ACADEMIC QUALITY

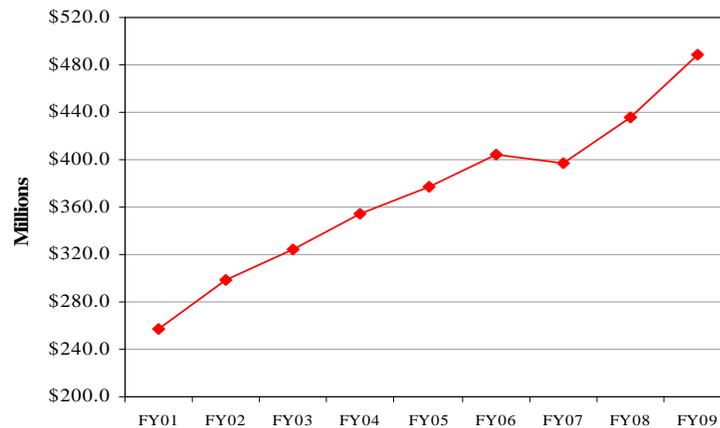
Number of Doctorates Awarded

UMass campuses have awarded a total of 436 doctoral degrees in the 2008-09 academic year. This does not include the 99 MD degrees awarded by UMMS. The highest number of doctoral degrees awarded were in the Biological/Life Sciences area (90), followed by Engineering (60), Education (55), Health Professions and Related Sciences (60), and Physical Sciences (35).

Doctorates	2008-09
UMass (All Campuses)	436

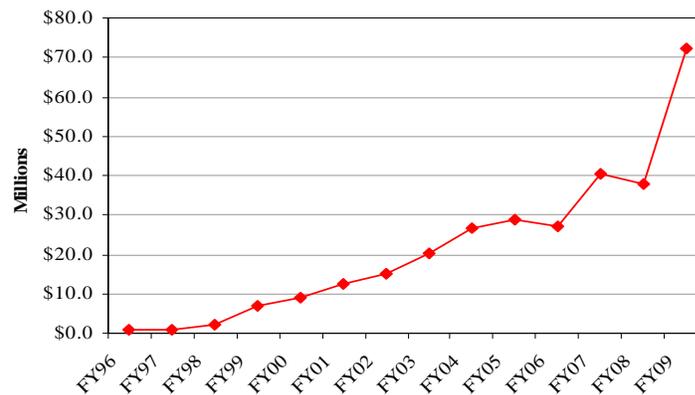
Research Expenditures

Research and Development expenditures is an indicator of an institution's research capacity. At UMass, R&D expenditures continue to grow. For FY 2009, the amount was \$489.1 million. Most of the University's R&D expenditures are in the science and engineering fields. Between FY 2001 and FY 2009, R&D expenditures grew by 91%.



License Income

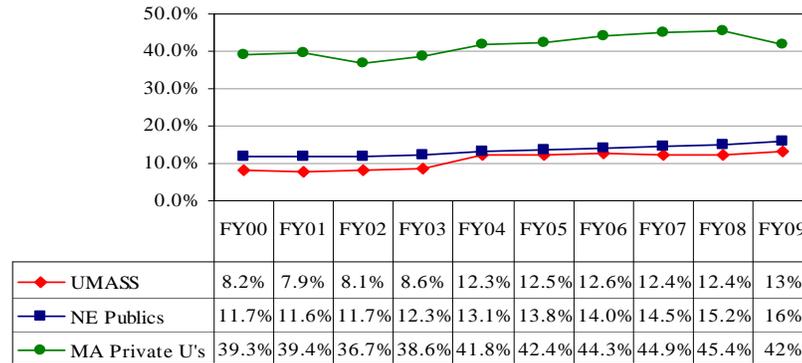
License Income is a measure of the economic value of an institution's inventiveness and a contributor to the University's economic health. It is difficult to predict when or for what products or processes a license will begin to generate significant income. License income for UMass totaled \$73 million in FY 2009, reflecting a 91% increase from FY 2008. UMass is in the top fifteen nationwide academic institutions in terms of licensing income generated from its technology transfer operation.



ACCESS AND AFFORDABILITY

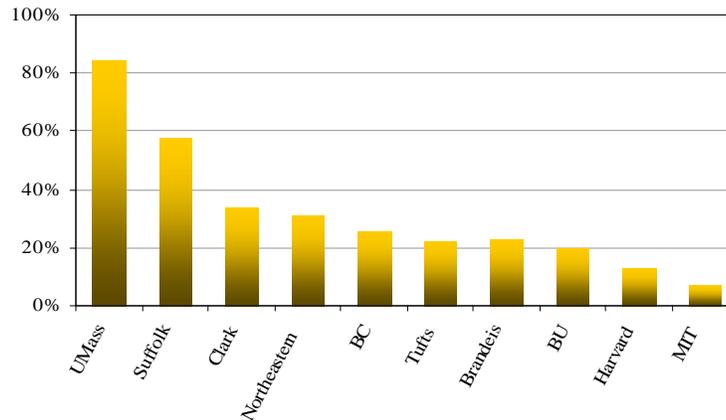
Tuition and Fees as a Percentage of Family Income

UMass average tuition and fees remain affordable relative to median family income. In FY 2009, UMass tuition and fees was at 13% of statewide median family income, compared with 42% of MFI for the state's private universities as well as 16% of MFI for other New England public universities.



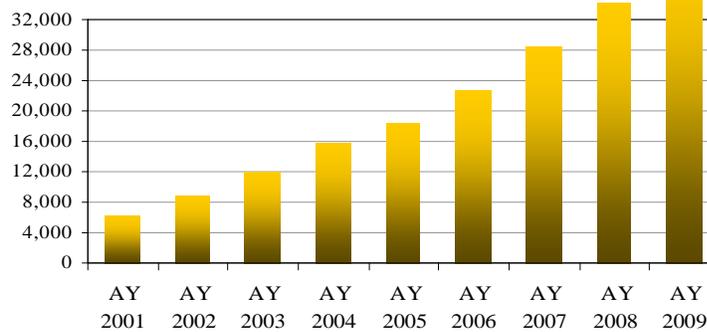
Percent Undergraduate Students from Massachusetts

The vast majority (84%) 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, only 26% 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 87 programs to diverse and geographically dispersed learners. Course enrollments in UMass Online continue to grow at a healthy rate. Academic Year 2009 course enrollments were 17% higher AY 2008.



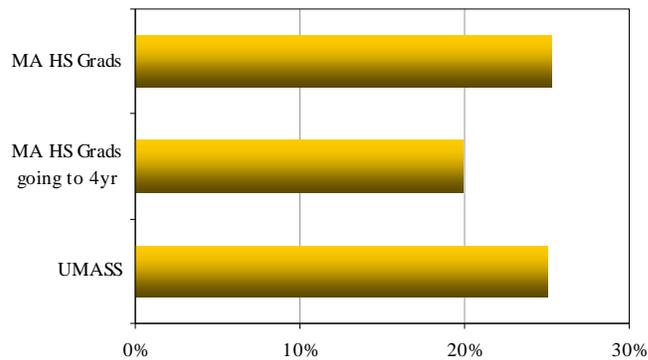
	AY 2002	AY 2003	AY 2004	AY 2005	AY 2006	AY 2007	AY 2008	AY 2009
Online Course Enrollments	8,999	11,978	15,743	18,464	22,682	28,543	34,246	41,677
Annual growth rate		47%	33%	31%	17%	23%	26%	20%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduate Students of Color

One-fourth (25.1%) of the University's undergraduate students are Students of Color. This is comparable to Massachusetts' public high school graduates. Students of color comprised 25.3% of the state's population of public high school graduates. Of the Class of 2009 of high school graduates, 20% 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

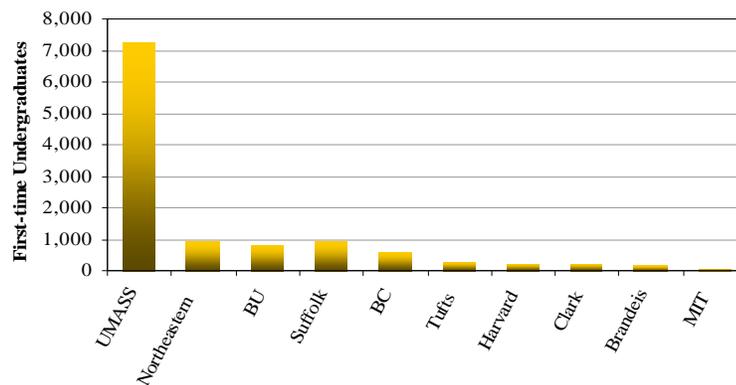
Approximately 1.5% of the University's undergraduate students are International students. The University's graduate program has a stronger international presence by comparison. In Fall 2009, the UMass System had a total of 3,133 international students, comprising 5% of the total student population - including all undergraduates, graduates, and medical students.

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

SERVICE TO THE COMMONWEALTH

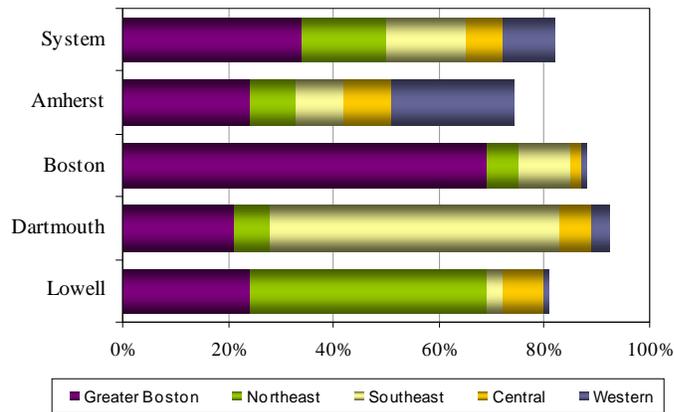
Enrollment of Massachusetts Residents

Almost two of three (63.3%) Massachusetts residents enrolling in universities within the state as first-time undergraduates attend the University of Massachusetts.



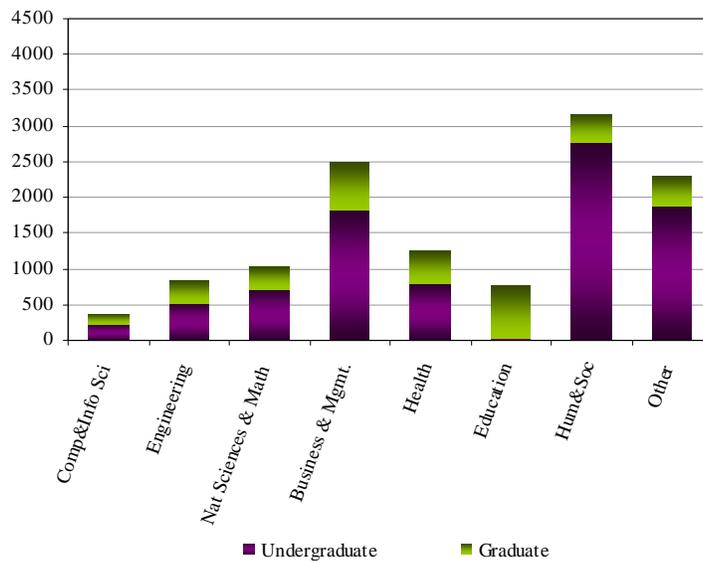
Enrollment by Region

UMass serves undergraduate students from all regions of the Commonwealth, with UMass Boston drawing 65% from the Greater Boston area, Dartmouth drawing 56% from Southeastern Massachusetts, and Lowell drawing 57% from the northeastern corner of the state. Twenty three percent (23%) of Amherst's undergraduate students are from Western Massachusetts, and another 18% are from the Greater Boston area.



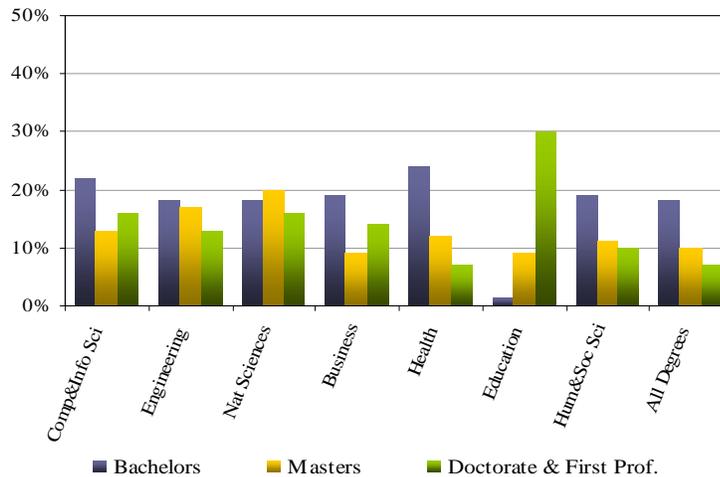
Degrees Conferred by Field

Of the over 12,241 degrees and certificates conferred by the University in 2008-09, nearly three-fourths (72%) were at the undergraduate level and over one-fourth (28%) at the graduate level. One-fourth (26%) of all degrees were in the humanities and social sciences. Business/management also comprised nearly one-fifth (20%) of all degrees. The University awarded 368 degrees in computer and information sciences, 834 degrees in engineering and engineering-related technologies, and 1,048 degrees in math and natural sciences. Degrees in health sciences and professions were at 1,259. A total of 755 degrees were awarded in Education, 98% of which were at the graduate level.



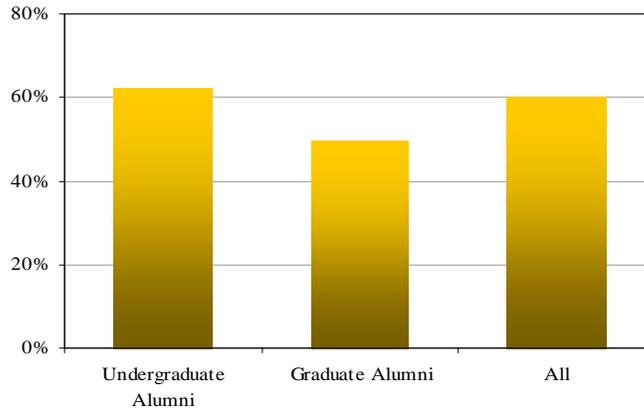
UMass Degrees as Percent of Massachusetts Degrees

The University of Massachusetts annually awarded 14% of all baccalaureate and graduate degrees (18% of bachelors, 10% 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 (62%) undergraduate alumni and half (50%) of the graduate alumni of the University live and work in the Commonwealth of Massachusetts.



MTEL Science and Math Test-Takers

In 2008-09, 84 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 68% over the past five years (since 2003-04) is a clear reflection of the recent successes achieved by campuses in their STEM initiatives

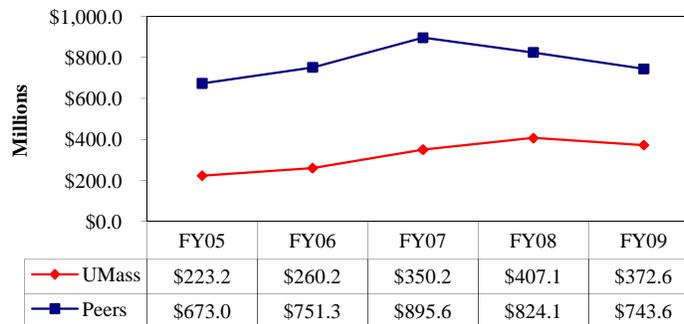
2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
50	72	61	71*	92	84

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

FINANCIAL HEALTH

Endowment Assets

The recent economic downturn has impacted endowment assets across the board. Like its national peers, the University's endowment reflected a decline in growth from the previous year. Although the decline in endowment growth for UMass was quite at -8.5%, it was still better than the peer average of -9.8%.

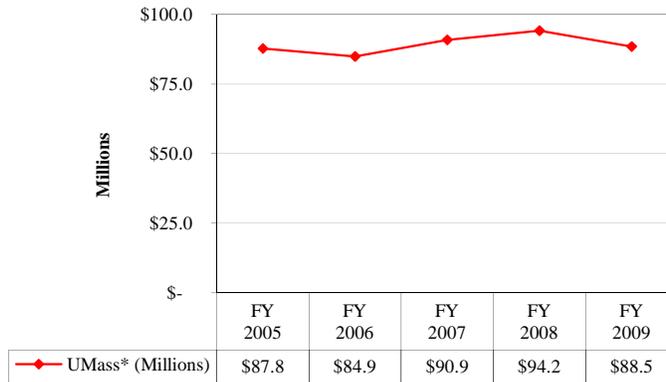


Peers do not include University of California

Annual Growth Rate	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
UMass	13.3%	7.4%	13.7%	16.6%	34.6%	16.2%	-8.5%
Peers	10.7%	8.0%	7.4%	11.6%	19.2%	-8.0%	-9.8%

Private Funds Raised Annually

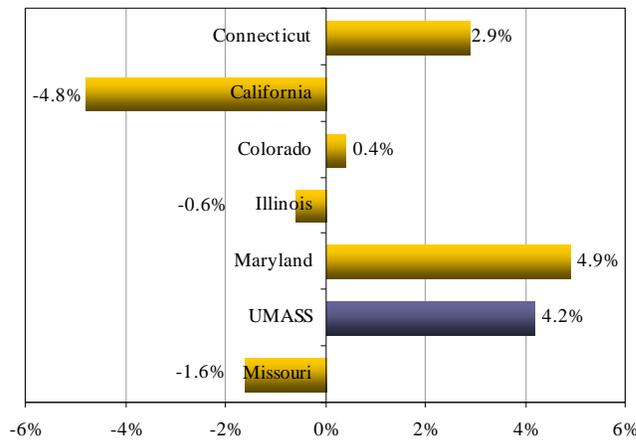
The trend in private giving has also been negatively impacted due to the recent economic downturn. Overall there was a -6% decline between FY 2008 and FY 2009. In FY 2009, approximately \$88.5 million was raised in private funds.



Return on Net Assets

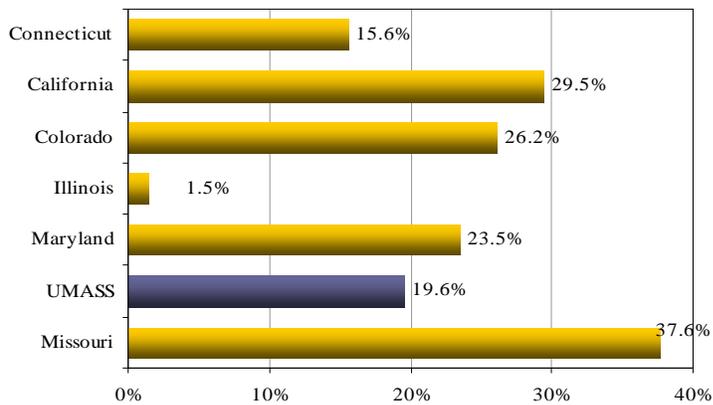
This indicator provides a comprehensive measure of the growth or decline in total University wealth. This measure is best viewed over a longer period of time, however, it still helps to show if an institution is better off at the end of the fiscal year than at the beginning. A decline in this ratio may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

In FY 2009, the University's return on net assets compared favorably to that of the peer systems. The 4.2% annual growth in return on net assets was the second highest from among seven peers.



Financial Cushion

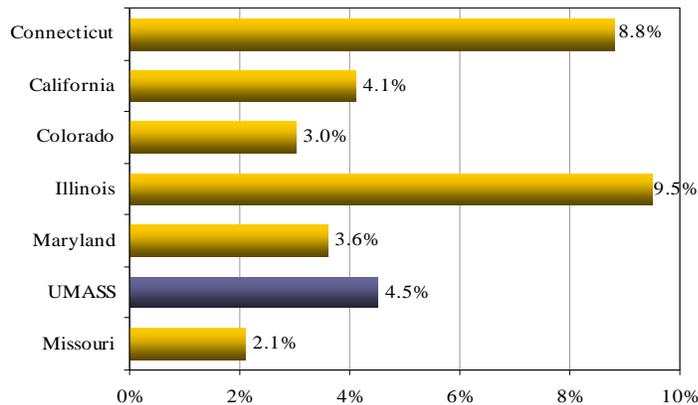
In FY 2009, the University as a whole had a financial cushion of 19.6%. This was within the range for the peer systems of 2.8% to 38.5%.



Debt Service to Operations

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

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



Note: If state support of debt service was factored in, ratio for Connecticut would be 12.3%.

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
Total Deferred Maint. Cost	\$2.58 B	\$2.57B	\$2.23B

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
Deferred Maintenance per GSF	\$114.26	\$118.04	\$134.18

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

Doctorates Awarded Total number of Doctorates awarded by UMass campuses for the academic year 2008-09, which includes September 2008, January 2009, and May 2009 award dates.

Research Expenditures. FY 2009 data as reported to the National Science Foundation (NSF) through its annual Survey of R&D Expenditures at Universities and Colleges.

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 2009) as a percentage of state-wide median family income as reported by US Census in 2008 inflation-adjusted dollars (latest available). Comparative data are from IPEDS and US Census.

Percentage of undergraduate students from Massachusetts. Percentage of Fall 2008 undergraduate state-supported students from in-state as determined by tuition residency classification. Data for Massachusetts private universities are from Fall 2008 IPEDS.

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.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percentage of Undergraduate Students of Color. Fall 2009 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 2009 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 2008 IPEDS and the universities' institutional research offices.

Enrollment by region. In-state undergraduate enrollment by region for Fall 2008. Data is from HEIRS and defined by DHE's DED/Non-DED Regions.

Degrees conferred by field. 2008-09 degrees conferred by UMass campuses by field. IPEDS 2008-09 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 2008-09 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 2009.

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 2010 ANNUAL INDICATORS

ACADEMIC QUALITY

The Top American Research Universities (The Center) identifies nine performance indicators as measures of academic quality to evaluate the comparative performance of 160 *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 two of the peers, the Universities of Connecticut and University of Delaware, are among the 63 members of the Association of American Universities (AAU), which 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, which were at historical highs in Fall 2009. The high school GPA of entering students rose from 3.56 to 3.60 in one year, and 98% of students entered UMA with a high school GPA of 3.0 and above. SAT scores have increased by 25 points since 2005 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 is above 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 23%, and per faculty expenditures increased by 21% in the past five years. The campus ranks among the top 75 public research universities on R&D expenditures; 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 has made an investment 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.

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 students at UMA (22%) received aid in the form of Pell grants, and 90% of need was met for in-state students. In FY2010, the campus increased the need-based budget in the form of grant aid, and enhanced the financial aid package for the neediest in-state students. This was intended to ease the financial burden on families and continue to make a UMass Amherst education affordable.

STUDENT SUCCESS AND SATISFACTION

Most UMass Amherst students have a positive educational experience. Eighty-seven percent of students return for their sophomore year, and two-thirds graduate within six years. These rates have improved in recent years but remain somewhat below the peer median. The campus hopes to make progress in programs that will enrich the college experience and ultimately increase retention and graduation rates. Such initiatives include a First Year Experience 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 2009 entering class was the most diverse group 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 2009, 27% 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

2010 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of Freshmen	3.60
• SAT Scores of Freshmen	
<i>Median</i>	1169
25 th – 75th Percentile	1060 – 1280
• Average GPA of Entering Transfer Students	3.23
• Satisfaction With Major	87%
• No. of Doctorates Awarded	255
• No. of Postdoctoral Appointees	209
• Total R&D Expenditures	\$156.22M
• Federal R&D Expenditures	\$80.16M
• Total R&D/Faculty	\$156,687
• Patent Applications	27
• License Income	\$861,496
• New Tenured/Tenure-Track Faculty Hired	35
• Change in Tenured/Tenure-Track Faculty	-3
• Change in Faculty FTE	-12
• Faculty Awards	14
• National Academy Members	9

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	22%
• % of Need Met for In-State Students Awarded Need-Based Aid	90%
• % Undergraduates from Massachusetts	81%
• Online Course Enrollments	13,523
• Annual Growth in Online Course Enrollments	18%

STUDENT SUCCESS AND SATISFACTION

• % Undergraduates who are Students of Color	20.1%
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• % Undergraduates who are First Generation in College	24%
• % Undergraduates with English as a Second Language	8%
• % Undergraduates who are International	1.3%
• Number Undergraduates who Participated in a Study Abroad Program	1,031
• Freshman One-Year Retention Rate	87%
• Freshman Six-Year Graduation Rate	66%

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM Programs	
<i>Undergraduate</i>	5,222 (27%)
<i>Graduate</i>	1,491 (27%)
• Degrees Awarded in STEM Fields	
<i>Undergraduate</i>	938 (21%)
<i>Graduate</i>	350(25%)
• MTEL Science and Math Test-Takers	27

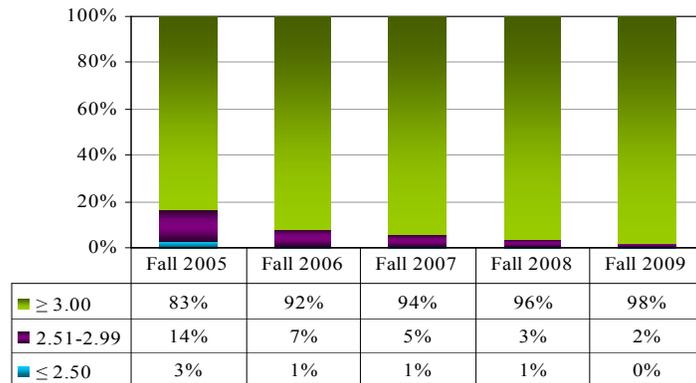
FINANCIAL HEALTH

• Endowment	\$159.62M
• Endowment Per Student	\$6,929
• Return on Net Assets	3.7%
• Financial Cushion	18.9%
• Debt Ratio	5.9%
• Deferred Maintenance per GSF	\$149

ACADEMIC QUALITY

High School GPA of Freshmen

UMass Amherst entering first-year students are strong academically with an average high school GPAs of 3.6. The Fall 2009 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.



Mean GPA	2005	2006	2007	2008	2009
UMA	3.38	3.46	3.48	3.56	3.60

SAT Scores of Freshmen

First-year students entered UMA with a mean SAT of 1169. This is the second year that the SAT profile of UMass Amherst students showed double-digit gains. The campus's standing has improved at both the 25th and 75th percentile, but still remains in the lower half of the peer group.

SAT Score	2005	2006	2007	2008	2009
UMA					
25th %ile	1050	1050	1050	1050	1060
75th %ile	1240	1240	1230	1260	1280
Peer Median					
25th %ile	1080	1080	1060	1070	1060
75th %ile	1295	1300	1290	1295	1300
UMA Rank					
25th %ile	10	9	9	8	6
75th %ile	10	10	11	10	9

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.

Average Transfer GPA	2005	2006	2007	2008	2009
UMA	3.13	3.18	3.14	3.16	3.23

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 dipped in 2009. In contrast, there has been a fairly steady rate of increase at peer institutions.

Doctorates	2005	2006	2007	2008	2009
UMA	267	253	293	291	255
Peer Median	280	325	329	335	347
Rank	7	9	9	8	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 2007 was above the peer median, and has continued to grow. This is further evidence of strong research programs.

Post-Docs	2005	2006	2007	2008	2009
UMA	165	182	178	224	209
Peer Median	152	162	163	NA	NA
Rank	5	5	6	NA	NA

Research Expenditures

Total R&D spending in FY09 was about \$161 million, of which over \$156 million was in science and engineering (S&E). S&E expenditures have increased by 23% in total dollars and 20% in federal dollars since FY2005. Despite these gains, the relative position of UMA has changed only slightly and total S&E expenditures are about two-thirds of the median of the peer group.

Total S&E Research (\$000's)	2005	2006	2007	2008	2009
UMA	\$127,487	\$136,057	\$141,538	\$152,884	\$156,217
Peer Median	\$204,916	\$218,924	\$216,032	NA	NA
Rank	8	9	8	NA	NA

Federal S&E Research (\$000's)	2005	2006	2007	2008	2009
UMA	\$66,921	\$69,642	\$71,984	\$79,736	\$80,163
Peer Median	\$100,980	\$105,361	\$97,112	NA	NA
Rank	10	9	9	NA	NA

Total Research Expenditures per Tenure System Faculty

The total S&E dollars per faculty increased by 21% in that same period.

Per Tenure System Faculty FTE	2005	2006	2007	2008	2009
Total	\$129,692	\$137,570	\$141,397	\$152,123	\$156,687
Federal	\$68,078	\$70,417	\$71,912	\$79,339	\$80,404

Patent Applications

The number of patent applications filed per year has more than doubled since 2005. Currently, UMass Amherst files approximately one patent application for every \$5 million in sponsored research spending, which is on par with peer universities.

<i>Number Patent Applications</i>	2005	2006	2007	2008	2009
<i>UMA</i>	13	26	32	33	27

License Income

The licensing revenue for fiscal years 2005 and 2006 include large, one-time payments. In addition to license income, the campus again received over \$1 million in sponsored research support from its licensees in FY09.

<i>License Income</i>	2005	2006	2007	2008	2009
<i>UMA</i>	\$721,219	\$1,585,517	\$652,043	\$697,008	\$861,496

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 35 new hires in FY10. The campus will remain committed to supporting the strongest faculty possible.

	<i>AY</i> 2005-06	<i>AY</i> 2006-07	<i>AY</i> 2007-08	<i>AY</i> 2008-09	<i>AY</i> 2009-10
<i>UMA</i>	64	61	68	72	35

Change in Tenured/Tenure-Track Faculty

Fall 2009 saw a one-year loss of three in the tenure-system faculty, and an increase of 18 since Fall 2005. Investment in faculty is required to maintain the campus as a nationally competitive public research university and will continue to be a priority.

	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>
<i>UMA</i>	954	961	972	975	972

Change in Faculty FTE

Faculty full-time equivalent has grown by about 100 since Fall 2005, with 70% of the growth in the tenure system faculty. However, the number slipped in 2009.

	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>
<i>UMA</i>	1,157	1,231	1,255	1,266	1,254

Faculty Awards

UMass Amherst faculty members are recipients of many prominent awards in the arts, humanities, science, engineering and health fields. In recent years, the campus has performed at or above the median of its peers on this measure, and was in the top third of the peer group in 2008.

<i>Awards</i>	2004	2005	2006	2007	2008
<i>UMA</i>	10	13	19	11	14
<i>Peer Median</i>	11	15	12	11	10
<i>Rank</i>	6	7	1	6	3

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. 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>	2004	2005	2006	2007	2008
<i>UMA</i>	7	9	7	9	9
<i>Peer Median</i>	13	12	11	11	10
<i>Rank</i>	9	7	8	7	7

ACCESS AND AFFORDABILITY

Percent Pell Grant Recipients

Over one fifth of UMA undergraduate students receive support in the form of Pell grants. This number has remained steady and is quite favorable.

	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>
<i>UMA</i>	23%	22%	23%	23%	22%

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

The campus has enhanced the financial aid packages of the neediest in-state students for 2009-10 which helped to increase the percent of need met. The number of in-state students receiving need-based grant aid increased as well. The campus strives to provide a quality and affordable education to its students.

<i>Percent Need Met</i>	<i>Fall 2008</i>	<i>Fall 2009</i>
<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. Over four-fifths of UMass Amherst students enrolled in state-supported programs are residents of the state.

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

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 have grown about 20% annually.

<i>Online Course Enrollments</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>
<i>UMA</i>	9,175	11,142	13,523

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>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>
<i>UMA</i>	NA	18%	18%

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 who are students of color. The Fall 2009 entering class was 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>Percent</i>	17.5%	18.4%	19.4%	20.1%

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>Number</i>	1,072	995
<i>Percent</i>	26%	24%

Percent Undergraduates with English as a Second Language

English is not the first language of about 8% of first-year students entering UMass. 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>Number</i>	371	347
<i>Percent</i>	9%	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, 22% of graduate students are international. The campus is exploring ways to increase the number undergraduates who are international.

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

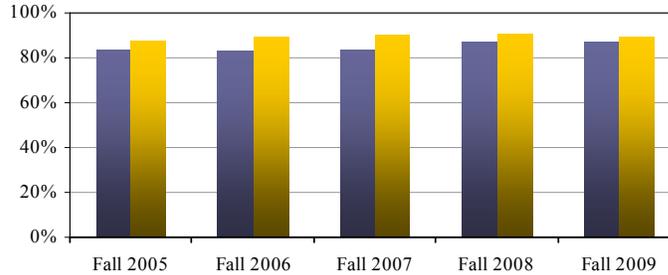
Number Undergraduates who Participated in a Study Abroad Program

Over 1,000 UMass undergraduates participated in a study abroad experience during the 2008-09 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>Number</i>	1,008	1,015	1,031

Freshman One-Year Retention Rate

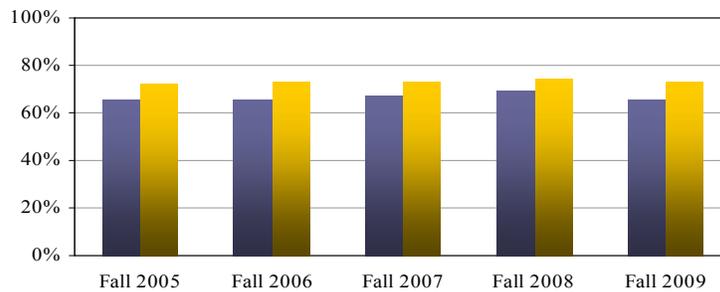
There has been a 3-point gain in the one-year retention rate since Fall 2005. However, the one-year rate remains below the peer median. Improving the first-year experience and hence student retention is a campus priority, and new strategies are being developed and implemented.



	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
UMA	84%	83%	84%	87%	87%
Peer Median	88%	89%	90%	91%	89%
Rank	9	11	9	8	8

Freshman Six-Year Graduation Rate

About 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 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
UMA	66%	66%	67%	69%	66%
Peer Median	72%	73%	73%	74%	73%
Rank	8	7	7	7	10

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, 27% of undergraduate and graduate students are enrolled in such programs.

Undergraduate

UMA	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Total	18,068	18,495	18,769	19,016	19,311
STEM	3,961	4,157	4,455	4,845	5,222
Percent STEM	22%	22%	24%	25%	27%

Graduate

UMA	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Total	4,840	4,998	5,018	5,105	5,505
STEM	1,474	1,453	1,413	1,393	1,491
Percent STEM	30%	29%	28%	27%	27%

Degrees Awarded in STEM Fields

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

Undergraduate

UMA	2004-05	2005-06	2006-07	2007-08	2008-09
<i>Total Degrees</i>	4,262	4,038	4,235	4,431	4,573
<i>STEM</i>	952	953	919	911	938
<i>Percent STEM</i>	22%	24%	22%	21%	21%

Graduate

UMA	2004-05	2005-06	2006-07	2007-08	2008-09
<i>Total Degrees</i>	1,411	1,402	1,448	1,506	1,378
<i>STEM</i>	393	369	419	427	350
<i>% STEM</i>	28%	26%	29%	28%	25%

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. There was a sharp decline in the annual growth in the total endowment due to instability in the financial markets. The campus is ramping up its fundraising staff, and steady growth is projected in endowment earnings.

<i>Endowment (\$000's)</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>
<i>UMA</i>	\$91,193	\$113,724	\$136,954	\$168,241	\$159,620
<i>Annual % change</i>	11%	25%	20%	23%	-5%

Endowment per Student

The campus endowment is one of the lowest in the country for a public flagship campus. There was a sharp decline in FY09 in the annual growth in the total endowment due to instability in the financial markets. The campus is ramping up its fundraising staff, and steady growth is projected in endowment earnings.

<i>Endowment per FTE</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>
<i>UMA</i>	\$4,232	\$5,256	\$6,101	\$7,426	\$6,929
<i>Peers</i>	\$18,529	\$19,769	\$21,304	\$14,915	\$11,137

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 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>
<i>UMA</i>	5.42%	8.4%	17.2%	8.0%	3.7%
<i>Peers</i>	-	3.0%	7.8%	5.3%	2.1%

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 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>
<i>UMA</i>	15.2%	16.7%	18.2%	19.3%	18.9%
<i>Peers</i>	22.4%	22.5%	25.6%	26.8%	25.3%

Debt Service to Operations

The debt service ratio for the campus is slightly below its peers. It will escalate to 8% over the next five years as the campus invests in infrastructure improvements including renovation of science classrooms and laboratories.

	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>
<i>UMA</i>	3.7%	4.6%	4.2%	4.7%	5.9%
<i>Peers</i>	5.9%	4.9%	5.3%	4.8%	6.6%

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 (est.)</i>	<i>FY 2010 (est.)</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 all first-year students. Peer data are from US News.

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 2009 which includes September 2008, January 2009, and May 2009 award dates.

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 2010 PMS report, the difference will be between the figure for Fall 2009 and Fall 2008.

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.

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 by to the Common Data Set and 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 course, but fully online only offered via UMOL.

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 UMOL

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percent Undergraduate who are Students of Color.

Undergraduates who are African American/Black, Cape Verdean, Hispanic/Latino, Asian and/or Native American, divided by total U.S. citizens and permanent residents who report race/ethnicity.

Percent Undergraduates who are First Generation in College.

First-generation college students are defined as those students with neither parent having attended college. Data are from Cooperative Institutional Research Program (CIRP) Freshmen Survey 2009.

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 2009.

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 2008 through Summer 2009.

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 the average over the last five years while new enrollments of first-time freshmen are steady at just under 1,000 in Fall 2009. 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.

We are especially proud this year that one of our undergraduate students has been selected to receive the prestigious NIH Academy Program fellowship

Strengthen Research and Development

Between FY 2005 and FY 2009, UMass Boston's R&D expenditures reported to NSF increased a remarkable 102% to \$36.6 million.

UMB FY 2008 R&D expenditures in both Education and Psychology were ranked 44th in the country. Additional momentum was achieved in FY 2009.

Renew Faculty

In AY 2009-10 UMass Boston was successful in recruiting 36 tenured or tenure-track faculty; 27% were persons of color, and 46% were female, in both cases lower than the percentage for the cohort hired in AY2008-AY2009

While many of the positions were replacements for retirements, we did see an increase of eighteen tenure stream faculty between Fall 2008 and Fall 2009.

ACCESS AND AFFORDABILITY

We continue to serve residents of Greater Boston communities by 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.

The social and economic diversity of our students is illustrated by our Pell grant figures. Over 30% 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 2005 and Fall 2009, 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. UMass Boston is the most diverse public university of all New England schools with over 2,500 undergraduates. In Fall 2009, 45% of our undergraduate students were US students of color. The diversity of our student population has continued to increase along with steady increases in admissions standards and substantial increases in enrollment.

Freshmen retention rates have continued to increase over the past five years, reaching 77% in for those students who entered in Fall 2008. The retention rate of entering transfer students has increased from 77% for those entering in Fall 2007 to 83% for those entering in Fall 2008.

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 were 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), with over 2,100 students in these disciplines in Fall 2009. 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 \$37.0M in FY2009, an increase of 64% over the past five years. Endowment per student also grew, from \$2,371 in FY 2005 to \$3,582 in FY09 in spite of the significant increase in students over the time period. The total private funds raised annually has increased over \$13.0M in the last five years.

In recent years, UMass Boston's financial performance has been positive, reflecting the impact of rising enrollment and related fee revenue, increased research activity, and prudent management of its resources. In fiscal year FY 2009, the operating margin was positive for the third consecutive year at 1.04%, despite a recognized \$2.5 million loss related to investment activity. The cushion ratio rose from 13.0% to 19.5% in FY 2009; and the return on net assets ratio of 3.71%, while down from 8.3% in FY 2008, reflected continued capital contributions from third parties. The campus was in a state of overall sound financial health at the close of FY 2009.

2010 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• High School GPA of Freshmen	3.03
• SAT Scores of Freshmen (25 th -75 th)	970 - 1130
• Average GPA of Entering Transfers	3.03
• % Senior Rating Educational Experience “Good” or “Excellent”	80%
• Number of Students Enrolled in for-credit Internships	1,717
• Number of Doctorates Awarded	41
• Research & Development Expenditures	\$36.63M
• Total R&D Expenditure Per Tenured Faculty	\$96,923
• Sponsored Instruction & Outreach/Faculty	\$49,670
• Patent Applications	0
• Licenses & License Income	\$545
• New Tenure/Tenure-Track Faculty Hired	36
• Change in Tenured/Tenure-Track Faculty	5%
• Change in Faculty FTE	8%
• National Academy Members	2

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	33%
• % of Need Met for In-State Students Awarded Need-Based Aid	93%
• % Undergraduate Students from Massachusetts	92%
• Enrollment in Distance/Online Courses	8,238
• Rate of Growth in Distance Education Enrollments	12%

STUDENT SUCCESS AND SATISFACTION

• % Undergraduate Students of Color	45%
• % First-Generation College Students	59%
• % Undergraduates who Speak English as a Second Language	40%
• % International Undergraduates	3.3%
• Number Undergraduates who Participate in a Study Abroad Program	114
• Freshmen One-Year Retention Rate	77%
• Freshmen Six-Year Graduation Rate	39%
• Transfer One-Year Retention Rate	83%
• Transfer Four-Year Graduation Rate	64%

SERVICE TO THE COMMONWEALTH

• % Graduates who Live in Massachusetts	75%
• Enrollment in STEM Programs	2,168 (16%)
• Degrees Awarded in STEM Fields	236 (8%)

FINANCIAL HEALTH

• Annual Growth in Endowment	7%
• Endowment per Student	\$3,582
• Private Funds Raised Annually	\$19.02M
• Return on Net Assets	3.71%
• Financial Cushion	19.51%
• Debt Service to Operations	5.39%
• Deferred Maintenance per GSF	\$181.0

ACADEMIC QUALITY

High School GPA of Freshmen

The number of entering freshmen has increased 26% from Fall 2005 to Fall 2009 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 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
≥3.00	50%	45%	52%	49%	50%
2.50 - 2.99	36%	38%	37%	39%	40%
<2.50	14%	16%	11%	12%	10%
<i>Average</i>	3.02	2.97	3.05	3.01	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 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2008 Peers
75th %ile	1160	1140	1130	1130	1130	1181
25th %ile	970	960	960	960	970	965

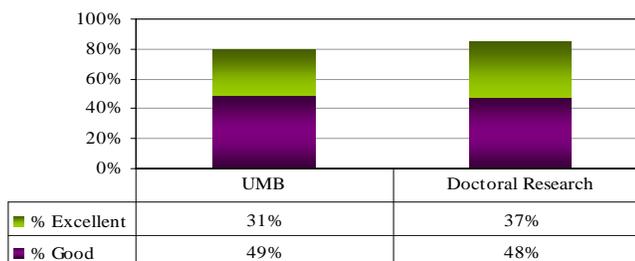
Average GPA of Entering Transfer Students

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 3.06 for the last five years. There are no comparable peer data for this indicator.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>UMB</i>	3.03	3.01	3.06	3.04	3.03

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 peaked at 1,942 in Fall 2008 and has grown steadily since 2005. The recent economic downturn, however, has resulted in fewer opportunities for undergraduate internship seekers in Fall 2009.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>UMB</i>	1,376	1,307	1,453	1,942	1,717

Number of Doctorates Awarded

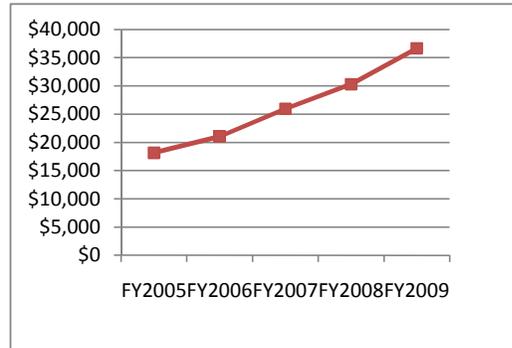
UMass Boston has awarded 176 doctoral degrees in the last five years, averaging 35 a year.

Doctorates	2008	2009
UMB	30	41

Research and Development (R&D) Expenditures

Between FY 2005 and FY 2009, UMass Boston's R&D expenditures reported to NSF increased a remarkable 102% to \$36.6 million.

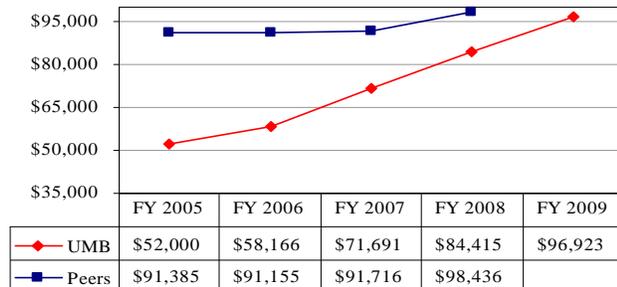
UMB FY 2008 R&D expenditures in both Education and Psychology were ranked 44th in the country. Additional momentum was achieved in FY 2009.



Total R&D Expenditure per Tenured System Faculty

R&D per UMass Boston faculty member grew by 14.8% from FY 2008 to FY 2009 and has almost doubled since FY2005. This growth reflects increased focus provided by a research strategic plan established in 2007 and the strategic allocation of resources to research infrastructure and to identified research clusters.

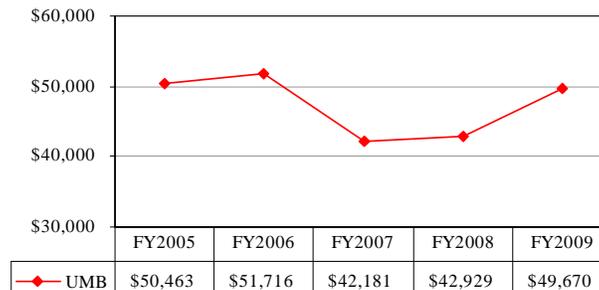
In calculating peer data, we excluded the University of Illinois Chicago and the University of Louisville which have Medical Schools. Our new Financial Peers have considerable research activity.



Sponsored Instruction & Outreach per Faculty

UMass Boston's sponsored activity in Instruction and Outreach rose 21% in FY 2008. The increase reflects increased sponsored activity and better coordination between the offices completing the NSF survey.

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>Patent Applications</i>	1	0

License Income

The first license of technology at UMass Boston was a behavioral assessment tool developed by a faculty member in the Psychology Department. The Director of CVIP at UMass Boston is now also the business development director for the university's business incubator, the Venture Development Center. This university resource has been operational since May, 2009, and focuses on supporting startups working in sectors important to the state, region and global

<i>UMass Boston</i>	<i>FY2008</i>	<i>FY2009</i>
<i>License Income</i>	\$781	\$545

New Tenured/Tenure-Track Faculty Hired

In AY 2009-10 UMass Boston was successful in recruiting 36 tenured or tenure-track faculty; 27% were persons of color, and 46% were female. Hirings have kept pace with retirements.

	<i>AY '05-'06</i>	<i>AY '06-'07</i>	<i>AY '07-08</i>	<i>AY '08-09</i>	<i>AY '09-10</i>
<i>UMB</i>	38	23	29	34	36

Change in Tenured/Tenure-Track Faculty

New and replacement faculty hiring and the retention of faculty resulted in an increase in tenure stream faculty of 5% from Fall 2008 to Fall 2009.

<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>1-year Change</i>
362	358	370	379	397	5%

Change in Faculty FTE

The 8% increase in FTE faculty from Fall 2008 to Fall 2009 shows the sustained increase in enrollments between Fall 2005 and Fall 2009, requiring significant use of part-time faculty.

<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>	<i>1-year Change</i>
577	590	624	659	711	8%

Faculty Awards

"The Top American Research Universities" shows no Faculty Awards for UMass Boston in the most recent publication which reflects 2007 data.

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

National Academy Members

2007 is the most recent year for which data are available through the Center for Measuring University Performance.

Awards	2007
UMB	2

ACCESS AND AFFORDABILITY

Percent Pell Grant Recipients

About 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 2005	Fall 2006	Fall 2007	Fall 2008*	Fall 2009*
UMB	32%	31%	34%	31%	33%

Note: * estimate 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 exceeded that goal for the last two fiscal years.

Percent Need Met	Fall 2008	Fall 2009
UMB	92%	93%

Percent Undergraduate Students from Massachusetts

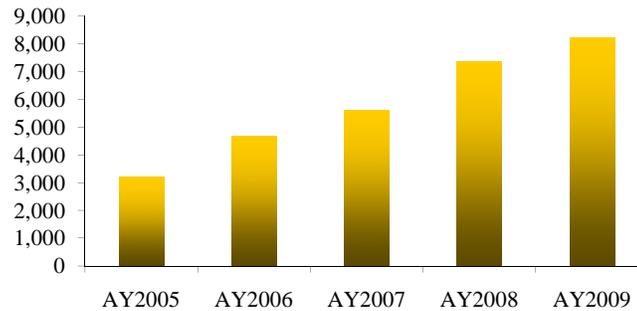
UMass Boston serves primarily undergraduate students from Massachusetts. We also attract international and out-of-state students. In Fall 2009, 8% of our undergraduate students were international or out-of-state students.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Number	7,437	7,706	8,266	8,596	9,123
Percent	92%	93%	92%	92%	92%

Online Course Registrations

Annual online class registrations have grown rapidly from AY 2005 to AY 2009 from 3,220 to 8,238.

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.

	AY2005	AY2006	AY2007	AY2008	AY2009
<i>UMB</i>	3,220	4,681	5,768	7,365	8,238
<i>Annual Rate of Growth</i>	25%	45%	20%	31%	12%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduate Students of Color

The number of students of color continues to grow at UMass Boston during a period of steady enrollment growth.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>Number</i>	2,733	3,200	3,603	3,880	4,157
<i>Percent</i>	41%	42%	44%	44%	45%

UMass Boston continues to be the most diverse public research university with over 4,000 undergraduate students of color in New England.

Percent Undergraduates who are First-Generation College Students

Question: <i>Did either of your parents receive a Bachelor's degree?</i>	2005	2006	2007	2008	2009
<i>NSSE: % reporting that neither of their parents had received a Bachelor's degree.</i>	n/a	n/a	n/a	59%	n/a
<i>CIRP: % reporting neither of their parents had received a Bachelor's degree.</i>	n/a	53%	n/a	48%	n/a

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.	2005	2006	2007	2008	2009
<i>First Time, F-T Freshmen CIRP: Is English your native language? % responding 'No'.</i>	n/a	37%	n/a	22%	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	n/a	40%	n/a

Percent International Undergraduates

The number and percentage of international students attending as undergraduates has increased slightly from Fall 2008 to Fall 2009 and it is anticipated to increase further over the next five years.

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

Number Undergraduates who Participate in a Study Abroad Program

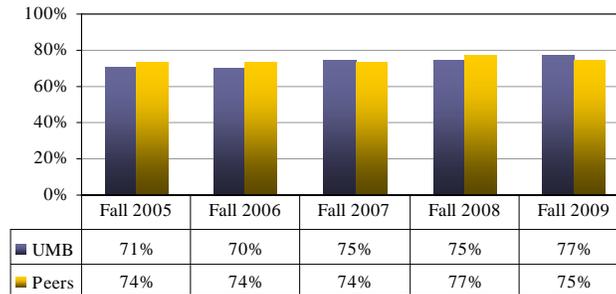
Study Abroad figures are reported to the Institute of International Education's Annual Survey. We anticipate that the figures will rise as more students take advantage of expanded opportunities and as reporting systems become better institutionalized.

<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>Number</i>	112	104	114

Freshmen One-Year Retention Rate

The one-year retention rate for freshmen increased from 70% for those entering in Fall 2005 to 77% for those entering in Fall 2008.

Our Fall 2009 retention rate matched the Fall 2008 average of our peers. All of our peer institutions have on campus housing.

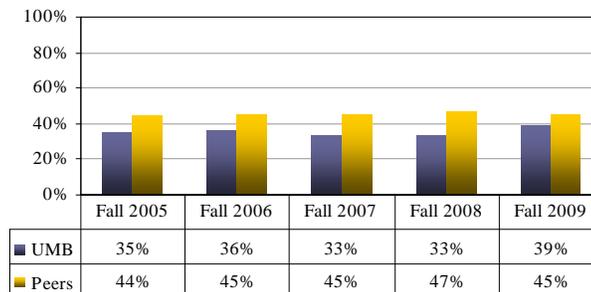


Note: Peer data are from previous year.

Freshmen Six-Year Graduation Rate

The 6 year graduation rate reported for freshmen entering in Fall 2003 was 39%, 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.



Note: Peer data are from previous year.

Transfer One-Year Retention Rate

The one-year retention rate of all entering full-time transfer students increased to 83% for the cohort entering in Fall 2008.

	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>
<i>Percent</i>	71%	75%	74%	77%	83%

Transfer Four-Year Graduation Rate

The four-year transfer graduation rate was 64% for those graduating in Fall 2009. There are no peer comparisons available for this indicator as these statistics are not collected nationally.

	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>
<i>Percent</i>	67%	63%	58%	63%	64%

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.

The implementation of new software and the regular updating of records in the last few years have 'reduced' the percentages but provide us with data about which we are confident.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>Undergraduate</i>	81%	78%	78%	76%	76%
<i>Graduate</i>	81%	76%	76%	74%	73%
<i>All</i>	81%	78%	78%	76%	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, leading to a stable percentage of 16% in Fall 2008 and Fall 2009

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>Total Degree Seeking Enrollment</i>	10,026	10,657	11,642	12,375	13,149
<i>STEM Enrollment</i>	1,416	1,562	1,789	1,959	2,168
<i>% STEM Enrollment</i>	12%	13%	14%	16%	16%

Degrees Awarded in STEM Fields

While the number of STEM degrees awarded has fluctuated from year to year, the percentage of all degrees awarded has declined. We anticipate that this will change as more students enroll in science disciplines and as the Integrated Science Building is completed in Fall 2013.

	2004-05	2005-06	2006-07	2007-08	2008-09
<i>Total Degrees/Cert. Awarded</i>	2,376	2,453	2,295	2,530	2,782
<i>STEM Degrees/Cert</i>	284	219	184	208	236
<i>% STEM Degrees/Cert.</i>	12%	9%	8%	8%	8%

FINANCIAL HEALTH

Endowment Assets and Annual Growth in Endowment

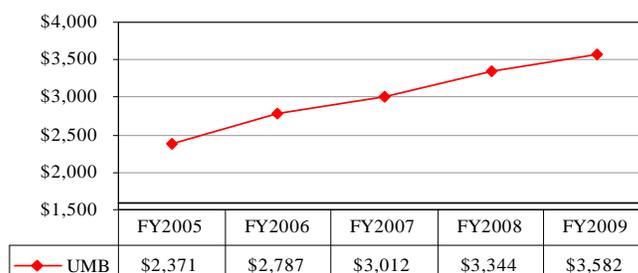
Endowment assets have continued to grow, increasing from \$22.6 million in FY 2005 to \$37.0 million in FY2009. This represents a 64% increase in endowment assets.

	FY2005	FY2006	FY2007	FY2008	FY2009
Total (\$000's)	\$22,634	\$24,995	\$28,672	\$34,554	\$37,008
Annual Change	7%	10%	15%	21%	7%

Endowment per Student

Endowment per student figures continued to increase in FY 2009 in spite of the 26% increase in the number of students over the past five years.

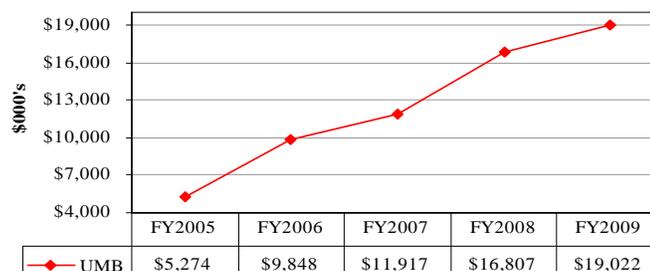
Peer data are not available for this measure.



Private Funds Raised Annually

In FY 2009 UMass Boston raised its largest one-year total of private funds, reflecting a continued upswing in pledges and the re-vitalization of the Office of University Advancement.

The increase from FY 2005 to FY 2009 has been dramatic, growing by \$13.7M since FY 2005



Return on Net Assets

In FY 2009, a slight reduction in state funding due to the recession, coupled with a \$2 million decline in capital appropriations from governmental sources drove the decline in RONA in FY 2009.

	FY2005	FY2006	FY2007	FY2008	FY2009
UMB	-1.27%	0.50%	21.00%	8.30%	3.71%
Peer Average	1.97%	3.13%	6.42%	4.20%	

Financial Cushion

In FY 2009, unrestricted and restricted-but-expendable net assets increased significantly for the third straight year due to continued profitability.

	FY2005	FY2006	FY2007	FY2008	FY2009
UMB	6.30%	6.50%	9.81%	13%	19.51%
Peer Average	12.80%	14.00%	16.41%	13%	

Debt Service to Operations

The debt service ratio has remained in a relatively tight range over the last five fiscal years. In FY 2009, interest expense of \$6.8 million was \$2.3 million greater than the previous fiscal year as UMB issued an additional \$63 million of long-term debt in FY 2009 to fund various projects.

	FY2005	FY2006	FY2007	FY2008	FY2009
<i>UMB</i>	4.74%	5.33%	5.11%	4.90%	5.39%
<i>Peer Average</i>	2.66%	3.03%	4.09%	3.70%	

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.

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

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 2008, January 2009, and May 2009 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.

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 2010 PMS report, the difference will be between the figure for Fall 2009 and Fall 2008.

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. 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*.

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 reported to the Common Data Set and 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 UMOL.

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 UMOL

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percent Undergraduates who are Students of Color. Undergraduates who are Cape Verdean, African-American/Black, Hispanic/Latino, Asian, and/or Native American, divided by total undergraduate U.S. citizens and permanent residents who report race.

Percent First Generation College Students. First-generation college students are defined as those students with neither parent having attended college. Data are from Cooperative Institutional Research Program (CIRP) Freshmen Survey 2009.

Percent of undergraduates who speak English as a Second Language. Percentage of undergraduates whose first language was not English. 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 2008 through Summer 2009.

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 2010 ANNUAL INDICATORS

The UMass Dartmouth indicators show some 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 Carnegie classification Doctoral Intensive level of the Boston and Lowell campuses, 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 brought freshman enrollments to a new level while maintaining 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. While funded research continues at comparable levels to those of the past few years, our growth has slowed. UMass Dartmouth is beginning a major strategic initiative to increase faculty research and scholarship. 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.

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 compare satisfactorily with those of our peers and when seen in the light of research by such nationally-recognized experts as Alexander Astin. 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 2009, UMass Dartmouth graduated 1,515 students, at all levels (as seen in the indicator on STEM degrees), 23 more than in 2008 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.

Our scope of doctoral programs continues to grow, and we have now produced 34 PhDs at the UMass Dartmouth campus.

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 reduction of accrued liability and building of 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 2009 has involved a transition from financial strategies based on overall institutional growth to targeted growth in strategic areas. Actions were taken in FY09 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.

2010 ANNUAL INDICATORS AT A GLANCE**ACADEMIC QUALITY**

• Average HS GPA of Freshmen	3.08
• SAT Scores of Freshmen (average)	1059
• SAT Scores of Freshmen (25 th -75 th)	980 - 1150
• Average GPA of Transfers	3.01
• Percent Seniors Rating Educational Experience “Good” or “Excellent”	87%
• Number of Doctorates Awarded	5
• Postdoctoral Appointees	5
• Sponsored Research Expenditures	\$20.67M
• Sponsored Research per Faculty	\$67,326
• Federal Research Support	\$10.80M
• Patent Applications	7
• License Income	\$2000
• New Tenured/Tenure-Track Faculty Hired	14
• Change in Tenured/Tenure-Track Faculty	- 6
• Change in Faculty FTE	-10
• Faculty Awards	0
• National Academy Members	0

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	28%
• Percent of Need Met for In-State Students Awarded Need-Based Aid	90%
• Percent Undergraduates Who Live in MA	96%
• Enrollments in Online Courses	2,519
• Annual Growth in Online Course Enrollments	28.1%

STUDENT SUCCESS AND SATISFACTION

• Percent Undergraduates Students of Color	15.6%
• 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	25%
• Freshmen, Neither Parent has Bachelors	44%
• Percent Undergraduates with English as a Second Language	5.6%
• Percent Undergraduates who are International	0.4%
• Number of Undergraduates who Participated in a Study Abroad Program	133
• Freshman One-Year Retention Rate	73.1%
• Freshman Six-Year Graduation Rate	47.7%
• Transfer One-Year Retention Rate	78%
• Transfer Four-Year Graduation Rate	64%

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM programs	1,528 (16%)
• Degrees Awarded in STEM fields	279 (18%)

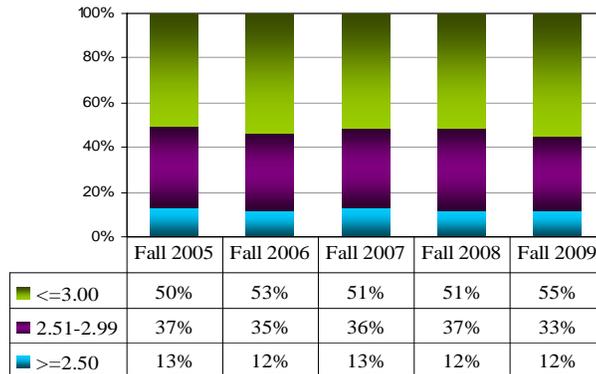
FINANCIAL HEALTH

• Endowment Assets	\$27.281M
• Annual Growth in Endowment Assets	12%
• Endowment Per Student	\$3,336
• Private Funds Raised Annually	\$7.351M
• Return on Net Assets	11.39%
• Financial Cushion	1.4%
• Debt Service to Operations	8.6%
• Deferred Maintenance per GSF	\$63

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 110 students who have entered by our long-standing and well-recognized access program, College Now.



High School GPA	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
Average	3.03	3.05	3.04	3.06	3.08

SAT Scores of Freshmen

UMass Dartmouth is succeeding in its goal of maintaining a strong student quality profile while also fostering access. These statistics include the 110 students who have entered by our long-standing and well-recognized access program, College Now.

SAT Scores	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Peers
75th percentile	1150	1130	1140	1140	1150	1175
25th percentile	990	970	980	980	980	979
Average	1064	1046	1058	1057	1059	1077

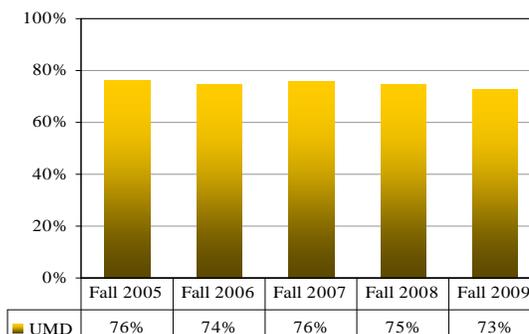
Average GPA of Entering Transfer Students

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
UMD	3.02	3.01

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

UMass Dartmouth is relatively new to doctoral education; overall we have produced 34 PhD degrees. With new doctoral programs now added, our goal is to graduate 20 per year. Doctoral enrollments have grown steadily.

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

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.

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

Research and Development Expenditures

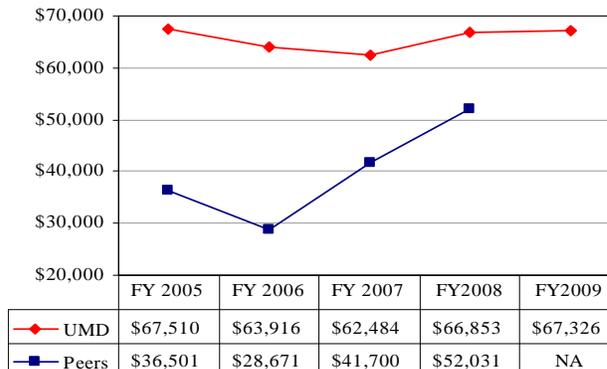
After a dramatic recent growth trend in this indicator, UMass Dartmouth has experienced a leveling off period. Some large grants have ended, and our relatively new faculty are still moving towards their greatest productivity.

<i>R&D</i>	Total R&D Value (in Millions)				
	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>
	\$21.131	\$20.389	\$20.120	\$20.925	\$20.669

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 will strengthen this indicator.

We are ahead of our peers in this indicator; FY 2008 is the latest year for which peer comparisons are available. Aspirant peers are included in the peer data.



Federal Research Support

The institution thus 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 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>
<i>UMD</i>	\$10.190	\$9.515	\$11.456	\$13.087	\$10.804
<i>Peers</i>	\$5.364	\$5.177	\$7.655	\$9.568	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. The reorganization of the UMD CVIP function in 2008 has increased that number to ten-plus per year, which, in turn, has led to increased patent applications. We expect continued growth.

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

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. FY10 will be closer to \$35,000 as we conclude a number of licenses.

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

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 2005-06. In the longer run, this indicator will contribute to understanding the pipeline to tenure at UMass Dartmouth.

<i>Ten/Trk Faculty Hired</i>	AY 2005-06	AY 2006-07	AY2007-08	AY2008-09	AY2009-10
<i>UMD</i>	25	13	12	19	14

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 counts include faculty who are on paid leave but not those whose responsibilities are primarily administrative. These numbers show a moderately declining profile, during a period of enrollment growth.

<i>Change in Ten/Trk Faculty</i>	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	1-year Change
<i>UMD</i>	313	319	322	313	307	-1.9%

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. Budget constraints led us to reduce part-time instruction.

<i>Change in Faculty FTE</i>	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	1-year Change
<i>UMD</i>	427	434	449	452	442	-2.2%

Faculty Awards

This indicator concerns awards that are acknowledged to indicate superior academic distinction. The measure is just of awards conferred in the 2008-09 year.

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

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
<i>UMD</i>	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 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>
<i>UMD</i>	23%	21%	22%	22%	28%

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>UMD</i>	91%	90%

Percent Undergraduates Who Live in Massachusetts

The Dartmouth campus has predominately served an in-state population with only 4% 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>Number</i>	7,633	7,636
<i>Percent</i>	96%	96%

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>UMD</i>	1,966	2,519

Annual Growth in Online Course Registrations

Online instruction is still small at Dartmouth. We have launching 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>UMD</i>	16.2%	28.1%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduates who are Students of Color

Our percentage of students of color exceeds the percentage of students of color in Massachusetts who plan to attend a 4-year college or university, which is 10.2% (Mass. DoE 2007). Increasing diversity is featured in our strategic plan.

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

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 25% of our frosh, or 380, has gone beyond high school; also, neither parent of an additional 19% has completed a four-year degree.

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

Percent Undergraduates with English as a Second Language

5.6 percent of our new freshmen for 2009 reported that they were from a home in which English is not the primary language spoken.

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

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.

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

Number Undergraduates who Participated in a Study Abroad Program

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 a growing number of travel/work/service activities that do not award credit.

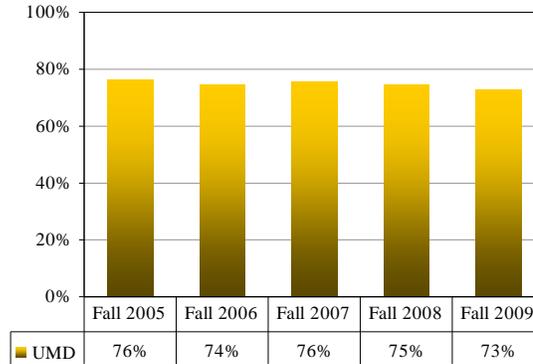
<i>Study Abroad (UG's)</i>	<i>Fall 06 - Summer 07</i>	<i>Fall 07 - Summer 08</i>	<i>Fall 08 - Summer 09</i>
<i>Number</i>	110	78	133

Freshman One-Year Retention Rate

About three quarters (75%) of last fall's first-time, full-time freshmen were enrolled as of the next fall.

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. Our comparative peers' average is 79% on this measure.

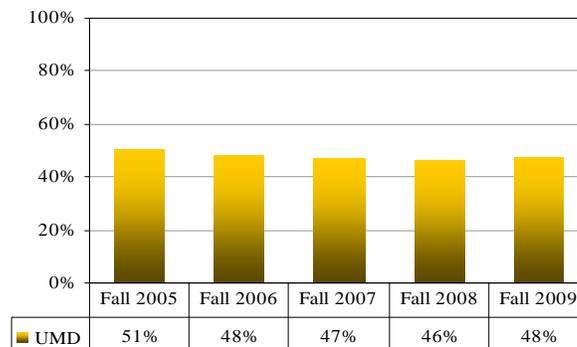
UMass Dartmouth has a long-range goal of reaching 80%—a goal designed to challenge the institution.



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 56% on this measure.

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



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 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>
<i>Percent</i>	74%	77%	74%	75%	78%

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 2005 (158 students) had completed their program by Fall 2009; 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 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>Fall 2009</i>
<i>Percent</i>	79%	71%	64%	60%	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.

STEM Enrollment	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	Fall 2009
Total Enrollment	7,949	8,242	9,080	9,155	9,302
STEM Enrollment	1,609	1,676	1,784	1,733	1,528
% STEM Enrollment	20%	20%	20%	19%	16%

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>2004-05</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	2008-09
Total Degrees/Certif. Awarded	1,302	1,406	1,438	1,492	1,515
STEM Degrees/Certif. Awarded	245	251	232	266	279
% STEM Deg./ Certif. Awarded	19%	18%	16%	18%	18%

FINANCIAL HEALTH

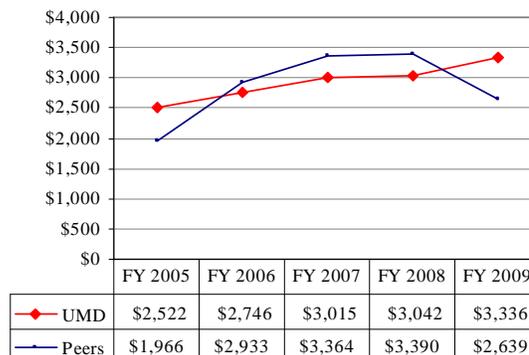
Endowment Assets and Annual Growth in Endowment

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

Endowment	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	FY 2009
(in Millions)	\$18.267	\$20.815	\$23.444	\$24.376	\$27.281
Annual Growth	24%	14%	13%	4%	12%

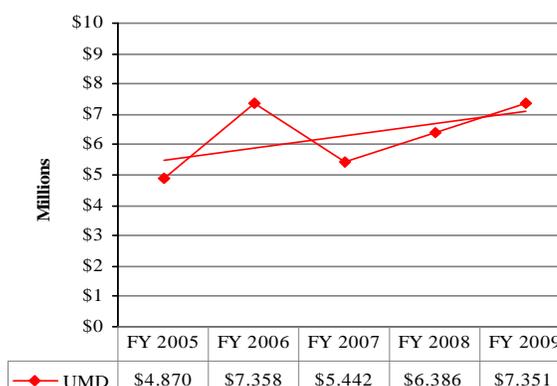
Endowment per Student

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. 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 2005	FY 2006	FY 2007	FY 2008	FY 2009
UMD	5.89%	6.59%	3.42%	1.93%	11.39%
Peers	NA	3.65%	6.60%	4.10%	1.90%

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 negative 7.2% and the campus had an "Unrestricted Net Asset" balance of negative \$9,055,000. The campus has succeeded in bringing the financial cushion to a positive number by increasing reserves, during difficult economic times.

Financial Cushion	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
UMD	-2.7%	-1.2%	-0.4%	-1.7%	1.4%
Peers	6.7%	6.2%	10.3%	11.4%	16.8%

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 2005	FY 2006	FY 2007	FY 2008	FY 2009
UMD	5.4%	6.9%	6.7%	8.2%	8.6%
Peers	3.2%	4.1%	5.8%	6.0%	6.3%

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
UMD	\$60	\$63

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 US News. 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 2009 which includes September 2008, January 2009, and May 2009 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.

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 UMOL.

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 UMOL

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.

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 2009, 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 2009.

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 2008 through Summer 2009.

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 2010 ANNUAL INDICATORS

This year's indicators provide evidence of UMass Lowell's strong momentum toward realizing its strategic goals.

In recognition of a challenging economic environment, and the imperative to become more self-reliant, we have adopted an entrepreneurial spirit and sharpened the focus of strategic initiatives. As can be seen, we continue to excel in our traditional mission of teaching, research and community engagement, while making great progress in enhancing diversity and inclusion; interdisciplinary teaching, research and partnerships; experiential learning; and globalization.

Behind the numbers reported here are new academic programs; a more lively campus life; an increase in the number of students living on campus; many more academic support programs; an increase in study abroad, co-operative and experiential learning; a vastly upgraded facility with new buildings, bought or being built; strengthened revenue enhancement through fundraising and entrepreneurship and implementation of administrative and infrastructure efficiencies.

ACADEMIC QUALITY

The quality of academics at UMass Lowell is reflected in part by an increased enrollment of 17% over the past two years at the same time that the average SAT of incoming freshmen increased 12 points.

We have been able to attract more and more talented undergraduate and graduate students by keeping the student-faculty ratio at 14 to 1, ensuring that all programs meet or exceed accreditation standards and hiring outstanding faculty with strong research credentials. Research expenditures as reported to the NSF rose from \$36.4 million in FY08 to \$52.4 million in FY09. The number of U.S. patent applications rose from 16 to 25 over the same period.

We also continue to shape the academic offerings of the institution to meet the changing workforce development needs of the Commonwealth. In 2009, a new Master of Science in Innovation and Technological Entrepreneurship was established. A new bachelor of science in environmental health program, the only degree of its kind offered in the Northeast, will begin in the fall. Cooperative education is being strengthened with a \$200,000 Congressional appropriation. General education and other curricular reforms are being explored by a campus-wide strategic planning committee.

We expect these measures to continue to advance the quality of teaching and learning at UMass Lowell.

ACCESS AND AFFORDABILITY

Lowell's undergraduate population is approximately 21% first generation college students; 23% are students of color; and 86% are Massachusetts residents.

Fifty-one percent of undergraduate students demonstrate financial need. For them, on average, 92% of their need is met. Approximately one in four (26%) 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.

This year, more than \$77 million in financial aid was awarded to students, an increase from \$61 million the previous year.

STUDENT SUCCESS AND SATISFACTION

We are most proud of rising measures in student success and satisfaction, as reflected in retention and graduation rates, participation in campus life and satisfaction surveys.

The six-year graduation rate increased from 47 percent in 2007 to 52.6 percent in 2009.

The one-year retention among freshmen rose from 75 percent in the Fall 2007 to 81 percent in Fall 2009.

The largest number of students in its history was graduated this year, when more than 2,390 degrees were awarded.

In Fall 2009, approximately 3,100 students lived in University housing, a 35 percent increase over Fall 2007. The Commonwealth Honor's House was established in Eames Hall with a faculty member in residence serving as the advisor.

The last NSSE survey administration found that eighty-two percent of the seniors rate their experience as "good" or "excellent."

COMMUNITY AND URBAN ENGAGEMENT

UMass Lowell is building on the work earned its designation by the Carnegie Foundation two years ago as a "Community Engaged University."

In 2009, the Center for Arts & Ideas was established to help the campus maintain positive relationships with the public and community partners and coordinate cultural affairs.

Other engagement programs include the Assistive Technology Program, the Center for Family, Work and Community; the Center for Lowell History; the Labor Extension Program; the Office of School Partnerships and many others.

By taking ownership of a downtown hotel and converting it into the UMass Lowell Inn & Conference Center, the campus has created not only a richer campus life for the 400 students living there and a venue for campus events, but also more business for city retail and cultural venues and a well-managed facility for community events.

Lowell's Division of Continuing Studies and Corporate Education (CSCE) continues to expand its high quality professional studies in campus-based classes, online education and customized corporate training. CSCE delivers customized education and training programs for numerous companies, many delivered on-site. The result is an increase of 17% of online enrollments over last year. This service is not only a great benefit to the economic development of the area, but also provides revenue for the University.

FINANCIAL HEALTH

The campus has strengthened a number of existing revenue sources while initiating new ones. As previously noted, growth in research expenditures, enrollment in the Division of Continuing Studies and Corporate Education and the number and percentage of students who live on campus are providing enhanced revenues.

Additionally, the entrepreneurial spirit that spurred the campus to buy the Doubletree Hotel and convert it into the UMass Lowell Inn & Conference Center and take over the Tsongas Arena, converting it into the Tsongas Center at UMass Lowell, has not only provided facilities that enliven the life of the campus, but provide new streams of revenue.

Fundraising has been a priority in recent years with notable successes including the addition of several \$1,000,000 scholarship endowments and the creation of a capital fundraising campaign that has already raised over \$1,000,000 for the new Emerging Technology Building. Commencement Eve 2010, for example, raised over one-half million dollars for the campus. A

newly hired Advancement Vice Chancellor will result in more vigorous results in coming months.

2010 ANNUAL INDICATORS AT A GLANCE**ACADEMIC QUALITY**

• Average HS GPA of First-Time Freshmen	3.17
• Average SAT Score of First-Time Freshmen	1083
• Total Research Expenditures	\$52.42M
• Research Expenditures Per Faculty FTE ¹	\$121,368
• Number of U.S. Patent Applications	25
• License Income	\$341,000
• New Tenure/Tenure-Track Faculty Hired	8
• Change in Total Faculty FTE	+13
• Faculty Awards	2

ACCESS AND AFFORDABILITY

• % In-State Pell Grant Recipients	27%
• % of Need Met for In-State Students Awarded Need-Based Aid	93%
• % of Undergraduates who are Students of Color	23%
• % of Undergraduates who are first generation in College ²	21%
• Percent of Undergraduates from MA	86%
• Online Course Enrollments	14,093
• Rate of Growth in Online Course Enrollments	17%

STUDENT SUCCESS AND SATISFACTION

• Freshman One-Year Retention Rate	81%
• Freshman Six-Year Graduation Rate	53%
• Transfer One-Year Retention Rate	77%
• Transfer Four-Year Graduation Rate	65%
• Students rating their experience as either “excellent” or “good”	82%

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM Programs	33%
• Degrees Awarded in STEM Fields	34%

FINANCIAL HEALTH

• Total Endowment	\$31.11M
• Annual Growth In Endowment	- 13%
• Endowment Per Student	\$3,085
• Private Funds Raised Annually	\$11.2M
• Return on Net Assets	13.2%
• Financial Cushion	11.9%
• Debt Service To Operations	4.2%
• Deferred Maintenance per GSF	\$74

¹ Uses US News definition of faculty FTE

² Estimated - freshmen and senior responses to NSSE item 13.

ACADEMIC QUALITY

High School GPA of First-Time Freshmen

For the eighth 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 continues to rise, while that below 2.5 GPA remains quite small.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
≥ 3.00	57%	57%	60%	62%	63%
2.51 - 2.99	37%	37%	35%	32%	32%
≤ 2.50	6%	6%	5%	6%	6%
<i>Average</i>	3.14	3.14	3.16	3.18	3.17

SAT Scores of First-Time Freshmen

The average SAT score and the score for the 75th percentile have not changed significantly during the past four years, although the average SAT score increased 12 points from the previous year. The 25th percentile score that dropped in Fall 08 has returned to the higher level of Fall 07.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Peers Fall 2009
<i>75th Percentile</i>	1170	1160	1160	1160	1160	1196
<i>25th Percentile</i>	1010	980	1000	970	1000	969
<i>Average</i>	1094	1070	1083	1071	1083	1135

Average GPA of Entering Transfer Students

The GPA for transfers increased from 2004 to 2006 and increased slightly this year.

	2005	2006	2007	2008	2009
<i>Average GPA</i>	2.84	3.05	3.00	2.99	3.06

Student Satisfaction with Major

This data will be updated after the next administration of NSSE, spring 2011.

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

Number of Doctorates Awarded

The number of doctoral degrees UMass Lowell awards annually continues to compare very favorably with our peers and is on the rise.

	2004-05	2005-06	2006-07	2007-08	2008-09
<i>UML</i>	72	93	112	67	80
<i>Peers</i>	69	88	92	89	103
<i>Former Peers</i>	48	50	56		

Postdoctoral Appointees

For 2009-10, UMass Lowell had 35 post-doctorate appointments, with 33 being grant funded.

<i>Post-Docs</i>	2008	2009
<i>UML</i>	42	35

In 2008, there were 42 post-doctorate research appointments, 40 of which were funded by grants.

Research Expenditures

Total R&D expenditures as reported to National Science Foundation. The increase in expenditures is due to increase in extramural funding and importantly to inclusion of institutional support as defined by NSF.

Total Research and Development Expenditures (in thousands)

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
<i>UML</i>	\$23,852	\$27,635	\$34,824	\$36,486	\$52,431
<i>Peers</i>	\$59,220	\$68,801	\$77,687	\$81,250	**

Expenditures per total tenured and tenure-track faculty compares favorably to our peer institutions.

Total Research and Development Expenditures per Faculty

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
<i>UML</i>	\$62,277	\$68,235	\$85,773	\$91,444	\$121,368
<i>Peers</i>	\$121,325	\$128,828			

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. This past year there were 25 US patent applications filed. Additionally, there were 9 PCT or international patent applications for a total of 34 applications.

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
<i>UML</i>	9	11	17	16	25

License Income

Over the past five years, total license income has remained relatively stable. UMass Lowell restructured the CVIP office this year and based on current projections is anticipating significant growth in FY10.

Total License Income (in thousands)

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
<i>UML</i>	\$338	\$309	\$143	\$484	\$341

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
<i>UML</i>	25	11	15	8

Change in Tenured/Tenure-Track Faculty

The slight decline in Tenure/Tenure track full-time faculty reflects retirements. UMass Lowell is strongly committed to strengthening the faculty as evidenced by the total number of new Tenure/Tenure track faculty (above) hired during the past four years.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008*	Fall 2009*	1-year Change
<i>UML</i>	383	405	406	413	408	-5

* Tenured faculty with administrative assignments are included in the Fall 2008 and Fall 2009.

Change in Faculty FTE

FTE includes visiting faculty and lecturers as well as full-time tenured and tenure-track faculty. The increase is due mainly to the increase in full time faculty (425 versus 414 during Fall 2008). This increase partially addresses the 22% increase in total enrollments between Fall 07 and Fall 09.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	1-year Change
<i>UML</i>	472	492	503	495	508	13

Faculty Awards

The number of faculty awards as reported to the NSF. Obtained from the Arizona Center for Measuring University Performance. The 2008 data not is yet available. The most recent data is for 2007. Seven of eight peers reported this data.

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

National Academy Members

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

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).

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>UML</i>	18%	17%	17%	20%	26%
<i>In-State</i>	21%	22%	21%	20%	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 92%.
 Source: CDS item H-2, for full-time undergraduate students.

<i>Percent Need Met</i>	2005-06	2006-07	2007-08	2008-09	2009-10
	93%	93%	93%	95%	92%
<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 Report.

<i>In-State Students</i>	2005-06	2006-07	2007-08	2008-09	2009-10
<i>Percent Need Met</i>	94%	93%	93%	94%	93%

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
<i>UML</i>	85.9%	86.0%

Online Course Registrations

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

<i>Online Course Registrations</i>	AY 2005	AY 2006	AY 2007	AY 2008	AY 2009
	7,300	7,848	9,618	12,038	14,093

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 2009.

<i>Online Growth</i>	AY 2005	AY 2006	AY 2007	AY 2008	AY 2009
<i>Increase from prior year</i>	9%	8%	23%	25%	17%

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, shows success with recruiting diverse students.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>Number</i>	1,309	1,438	1,520	1,796	2,116
<i>Percent</i>	21%	21%	23%	23%	23%

Percent Undergraduates who are First Generation in College

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

According to 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 here.

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

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

Percent Undergraduates who are International

The figure provided here indicates the self-reported race-ethnicity status of international students.

It is important to note the high number of international graduate students since it contributes to the multicultural and ethnic diversity on Campus. 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
<i>Number</i>	69	57
<i>Percent</i>	0.9%	0.7%

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 dramatic increase of students studying abroad as a result of increasing efforts to engage students in international programs. The number of students studying abroad is actually higher than the survey indicates, because the survey excludes those students not referred through the advising office.

<i>Study Abroad (UG's)</i>	Fall 2008	Fall 2009
<i>Number</i>	33	74

Freshman One-Year Retention Rate

UMass Lowell's retention rate has increased dramatically by 4% in fall 2008 then by an additional 2% in fall 2009. As importantly, increases in retention are being seen across all classes of students leading to increases in the 6-year graduation rate below.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>UML</i>	74%	76%	75%	79%	81%
<i>Peers</i>	78%	78%	79%	78%	75%

Freshman Six-Year Graduation Rate

Reversing a long standing trend, UMass Lowell began dramatically increasing its graduation rate. As can be seen, the six-year graduation rate increased to 51% for fall 2008 and increased again, to 53%, for fall 2009.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>UML</i>	46%	46%	44%	51%	53%
<i>Peers</i>	51%	50%	51%	52%	50%

The cohort reported for Fall 2009 is the Fall 2003 freshman cohort.

One-Year Retention Rate for Full-time Transfers

Transfers make up a substantial proportion of UMass Lowell's new student pool. The one-year retention rate remained relatively steady after having increased by 4% for two years in a row.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>Transfer One-Year Retention Rate</i>	72%	70%	74%	78%	77%

Four-Year Graduation Rate for Upper Level Transfers

UMassLowell maintains a high completion rate for upper level transfers.

UMass Lowell understands the need to expand support for the transfer students. As such, we have added transfer coordinators within each program and expanded the Orientation program for these students.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>Upper Level Transfer 4-yr Graduation Rate</i>	73%	69%	70%	70%	65%

SERVICE TO THE COMMONWEALTH

Enrollment in STEM Programs

UMass Lowell increased the participation of students in STEM programs again this year.

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>Total Enrollment</i>	10,666	11,208	11,635	12,471	13,602
<i>STEM Enrollment</i>	3,032	3,093	3,406	4,004	4,439
<i>% STEM Enrollment</i>	28%	28%	29%	32%	33%

Degrees Awarded in STEM Fields

A third of UMass Lowell's degrees are awarded in STEM fields. (Degree awards correlate with enrollment and transfer patterns from the prior three to seven years). Additionally, UMass Lowell's wide variety of undergraduate and graduate certificate programs serve to lead students into STEM careers.

	2004-05	2005-06	2006-07	2007-08	2008-09
Degrees/ Cert Awarded	2,126	2,067	2,170	1,961	2,048
STEM Degrees/ Cert	795	783	697	653	687
% STEM Degrees/ Cert	37%	38%	32%	33%	34%

FINANCIAL HEALTH

Total Endowment and Annual Growth in Endowment

(In thousands)

The FY 2009 total endowment amount decreased by \$4.75M due the unrealized loss on the investments, offset by \$1.5M in endowment gifts. For FY2005-08, endowment gifts were \$.9M, \$1.6M, \$1.1M and \$1.6M respectively.

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
UML total	\$23,268	\$25,949	\$32,431	\$35,800	\$31,112
Annual Growth	21%	12%	25%	10%	-13%

UML Total includes the Independent University Alumni Association at Lowell

Endowment per Student

The FY 2009 Endowment Per Student decreased due to a combination of the decrease in the total endowment (see explanation above) and the 9.9% increase in FTE students from 10,086 to 11,080.

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Per FTE	\$2,719	\$3,071	\$3,726	\$3,915	\$3,085
Peer avg	\$9,988	\$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.

FY 2009 peers data not yet available.

Private Funds Raised Annually

In FY 2009, the private funds raised annually included \$9.2M of cash and grants, \$.7M for gifts in kind and \$1.3M for future pledges. For FY 2005-08, gifts of cash and grants were \$7.0M, \$6.2M, \$7.3M and \$9.4M respectively.

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
UML	\$8.4 M	\$7.4 M	\$10.3 M	\$15.3 M	\$11.2M

Return on Net Assets

The FY 2009 Return on Net Assets is a positive 13.2% due to net assets increasing because of a \$10M capital appropriation from the state and an increase in net assets in Continuing Studies / Corporate Education and Office of Research Administration.

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
<i>UML</i>	-1.4%	-1.9%	1.60%	14.60%	13.20%
<i>Peers</i>	6.0%	6.7%	7.80%	7.50%	0.30%

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

Financial Cushion

The FY 2009 Financial Cushion, which measures available unrestricted resources, increased to 11.9% due to the increase in net assets in Continuing Studies / Corporate Education and Office of Research Administration. Efforts to grow revenues and control expenditures are being implemented each year to stimulate and maintain continued growth.

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
<i>UML</i>	5.0%	4.8%	5.0%	8.3%	11.9%
<i>Peers</i>	15.7%	15.3%	17.5%	17.1%	16.6%

Debt Service to Operations

The FY 2009 Debt Service to Operations ratio increased to 4.2% as total debt service in FY09 (\$9.7M) was higher in comparison to FY08 (\$9.0M), while total operating expenditures were approx. \$230M in both years. As the Lowell campus continues to make improvements to existing buildings and strategic investments in new facilities, this ratio will increase. We are currently reviewing 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%.

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
<i>UML</i>	3.6%	3.3%	4.2%	3.9%	4.2%
<i>Peers</i>	2.3%	2.6%	3.2%	3.1%	3.2%

Note: The UML Finance office maintains and provides comparisons to peers that differ from those reported to the UMPO.

Deferred Maintenance per GSF

This ratio provides a relative measure of the amount of deferred maintenance at a campus. The FY 2009 Deferred Maintenance per GSF of \$74 is relatively consistent with FY 2009. The campus is using data generated through the Sightlines benchmarking process to develop a baseline for this ratio. The Lowell campus recognizes that an updated master plan will let UML gain the most value from campus buildings and grounds and the campus is diligently working on its master plan.

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

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 National Center for Educational Statistics (IPEDS Degrees).

Research expenditures and expenditures per faculty. Research and development expenditures as reported to National Science Foundation. The “per faculty” figure is the total research and development expenditure figure divided by total tenure-system instructional faculty as reported to National Center for Educational Statistics (IPEDS Staff and Faculty). 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 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. Data element H2-i from the Common Data Set (CDS) gives 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.

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. This figure will next be updated with the next administration of the CIRP survey.

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 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 freshmen who entered in a given fall and had graduated by the end of their sixth year. Peer data are from CDS, element B4.

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 or graduated as of the next fall.

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 2010 ANNUAL INDICATORS

The Worcester campus continues to implement key elements of its strategic plan, supported by continued research achievement and growth, by important faculty recruitment and achievement, and successful initiatives that will help the university maintain its leadership role in education, economic development, research and service. While the campus continues to face the challenge of managing scarce resources amidst competing demands and declining state support, resource management efforts that prioritize support for strategic initiatives and core functions keep the campus on a comparatively solid footing. Measures instituted in the previous year that preserve support for mission-critical needs, while aggressive, have resulted in measurable savings. Efforts in resource maximization continue, in light of budget forecasts.

Importantly, research funding increased in several key areas – not only in stimulus-funded grants, but on a year over year basis – key to keeping our planning and execution of our life sciences initiatives on course.

- **Academic quality:** The Worcester campus continues its trend of attracting highly capable students to the School of Medicine 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. The Graduate School of Nursing graduates the first recipients of the new Doctorate of Nursing Practice degree program, and the Graduate School of Biomedical Sciences entering class was by several measures it's most competitive, and continues to attract a highly regarded applications pool. This continues to be attributable to the excellent reputation of the research faculty, and to the "halo effect" of the Nobel Prize. Recent achievements by GSBS students are notable: two students this year received the Weintraub prize (making a total of five GSBS students to win this prestigious prize in the last eight years).

The quality and reputation of the faculty are, by any measure, significant and growing. Recent additions to the faculty include a member of the national Institute of Medicine and a former director of a research division at the NIH. They join a cadre of Howard Hughes Medical Institute Investigators and faculty supported by foundations such as Keck and Gates.

- **Research growth, productivity and faculty recruitment:** Research productivity is at significant

levels across the departments, and research funding increased in a year when many peer institutions lost ground. Grant award achievement in the areas of stimulus funding (ARRA) was especially distinctive, in that they included senior investigators and relatively new faculty as well – positioning both for potential competitive funding even when the ARRA program support ends. This is an example of how the medical school campus remains a highly sought after "destination" campus for researchers in the life sciences.

Fit out of the new Ambulatory Care Center continues, with a planned opening in summer 2010. Groundbreaking for the Albert Sherman Center took place in the fall, and construction has begun with a target completion date of 2012. These new facilities are vital to the medical school campus and its ability to lead basic science research into patient-centered therapies, as defined in the strategic plan.

- Crucial to continued success of the Medical School is the ability to attract high quality students that will be able to meet the diverse cultural needs of underserved populations in the state; a new BS to MD recruitment program is in the development stages, and should help the medical school identify highly qualified undergraduate candidates within the UMass system who might otherwise pursue medical careers elsewhere. Current applicants are extremely competitive and match or exceed class profiles of previous years. Student access and affordability can be measured and supported by the learning contract option, which in relation to tuition and fees, continues to track favorably for the current year.
- Anecdotal evidence, such as rankings in the US News annual ratings of medical schools, continues to reinforce the identity of the SOM as a high quality, affordable institution. 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 has begun to shape the future of medical education in new and exciting ways: the new curriculum will likely become a key distinguishing element to the medical school's educational success.

As with virtually every other institution, the Worcester campus faces economic challenges that force hard decisions in support of strategic priorities. The campus has in place a realistic plan for managing its ambitious plans for remaking life sciences education, research and care in the commonwealth, and remains focused on its critical priorities. As Massachusetts charts a course of

investment in the life sciences even in a time of economic uncertainty, the Worcester campus is positioned well to respond, while keeping close eye on core competencies and key mission-based endeavors.

2010 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average Biology MCAT Scores	11.33
• Licensure/Certification Pass Rates	
<i>USMLE Step 1</i>	92%
<i>USMLE Step 2 (2009)</i>	96%
<i>GSN State Certification</i>	100%
• % Students “Very Satisfied” With Quality of Their Medical Education	52%
• Doctorates Awarded	154
• Post-Doctoral Appointees	357
• Sponsored Research Total Dollars	\$204.033M
• Sponsored Research Per Faculty	\$203,423
• Federal Research Support Per Faculty	\$132,286
• NIH Funding For Medical Schools	\$148.4M
• Rank in US News (Primary Care)	9
• Patent Applications Per Year	55
• License Income Per Year	\$70.8M
• Licensing Income/AUTM Ranking	13
• New Tenured/Tenure-Track Faculty	16
• Change in Tenured/Tenure-Track Faculty	+11
• Change in Faculty FTE	+85
• Faculty Awards (2008)	18
• National Academy Awards (2008)	3

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	99%
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SERVICE TO THE COMMONWEALTH

• Enrollment in STEM Programs	407
• Degrees Awarded in STEM Fields	57
• Service to State Agencies	\$370.392M

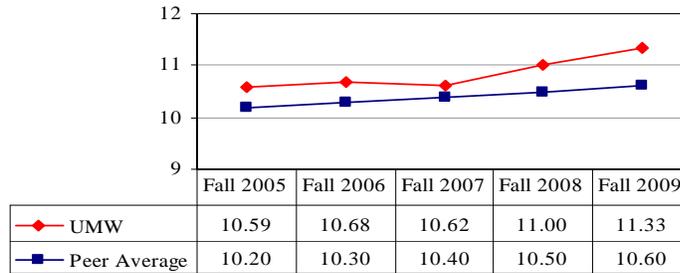
FINANCIAL HEALTH

• Total Endowment	\$109M
• Endowment Per Student	\$110,601
• Private Funds Raised Annually	\$7.8M
• Return on Net Assets	2.3%
• Financial Cushion	22.2%
• Debt Service to Operations	3.0%
• Deferred Maintenance per GSF	\$56

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 rarely as the principal indicator of a student's academic preparation. It is, however, the only 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 medical students has been consistently higher than the peer average. Peer data for all AAMC Public Schools, as individual school data is not readily available.



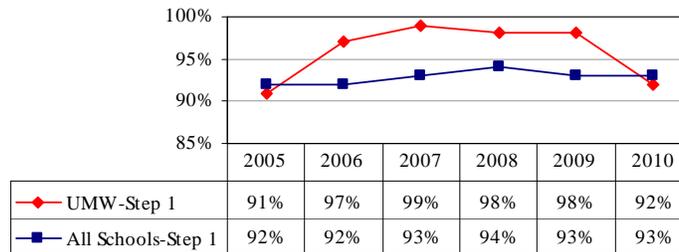
Peers Source: From AAMC Public Medical Schools Only

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.

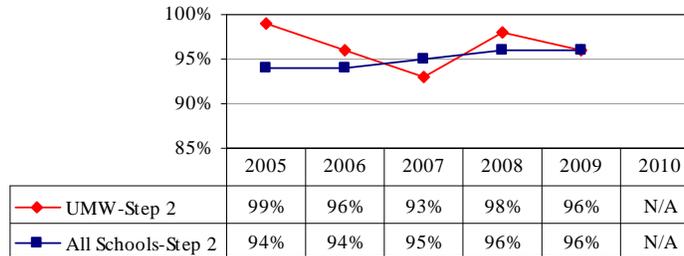
The Step One exam covers basic science information and is taken in most medical schools at the end of the second year; Step Two covers clinical science information and is usually taken during the fourth year.

Rates reflect the level of knowledge of UMMS students in comparison to students from other medical schools.



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

Taking USMLE Step 1 for the First Time in 2009 with Scores Reported Through Oct. 7



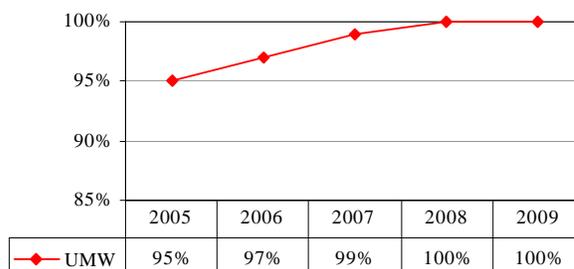
*Source - National Board of Medical Examiners: Performance of Examinees

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

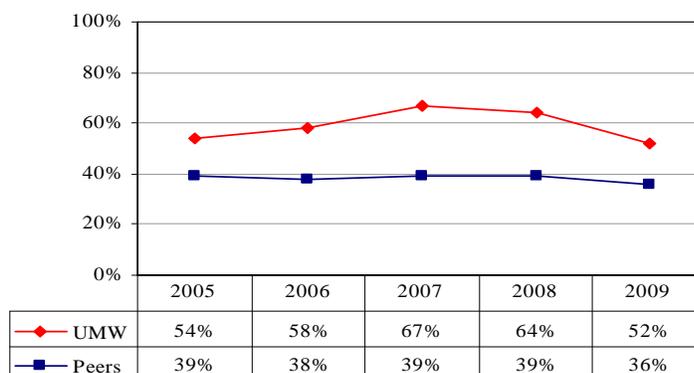
Nursing Board certification signifies advanced practice clinicians who have met requirements for clinical and functional practice in a specialized field, pursued education beyond basic preparation, and received the endorsement of their peers. After meeting these criteria, health care professionals take 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 UMMS to responses of students graduating from all public medical schools. Results show UMMS 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

This is a newly reported indicator. With 154 doctorates awarded in 2009, there was a 3% increase over prior year completions as both enrollment and the number of PhD programs offered continue to expand.

	2008	2009
UMW	149	154

Source: IPEDS Completions 2008-09

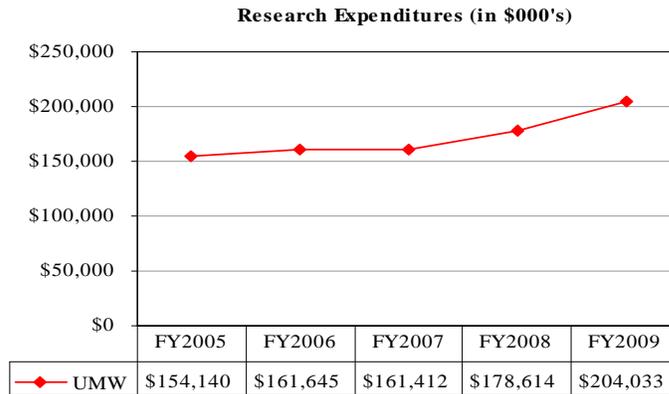
Post-Doctoral Appointees

This is a newly reported indicator. The number of Post-Doctoral Appointees is an indicator of the size and quality of the research enterprise. The number of Post-Docs in 2009 were at 357, an increase of 15 over the prior year.

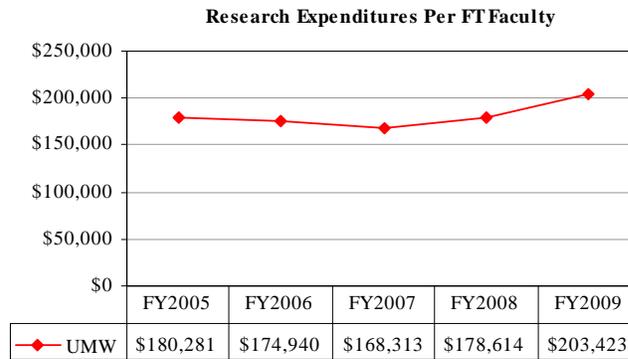
	2008	2009
UMW	342	357

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 be depended upon to increase both productivity and total research support. Peer data for medical schools separate from parent university not readily available.

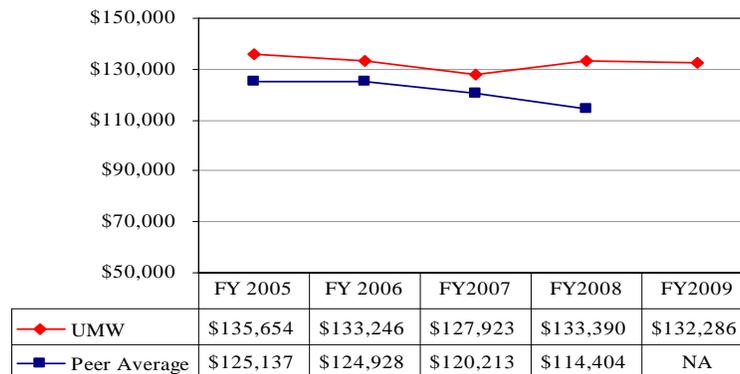


Source: NSF (TABLE 36. R&D expenditures at all universities and colleges with a medical school, All funds)



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 UMMS remains solidly ahead of peer institutions.

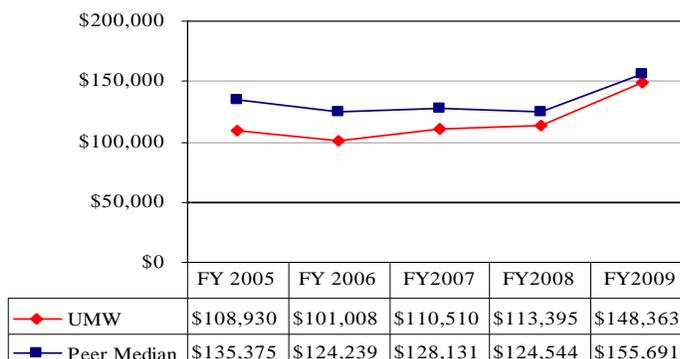


Source: AAMC Ad Hoc Report, 14 school peer list

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. As a result of the ongoing recruitment of faculty, UMass Medical School's funding continues to approach the median for our peer institutions.

NIH Funding (in \$000's)



Source: NIH Ad Hoc Report, 14 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. UMMS 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 2006	FY 2007	FY 2008	FY 2009	FY 2010
UMW Rank	4	11	13	7	9

Number of Patent Applications

The number of patent applications filed is an indicator of an institution's inventiveness and the commercial potential of its academic work. FY 2005 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 2005	FY 2006	FY 2007	FY 2008	FY 2009
UMW	93	66	58	58	55

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. At UMMS, there has been a significant steady increase in licensing revenues received from the sale of products invented.

(In \$000's)

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
UMW	\$27,694	\$25,545	\$40,684	\$35,719	\$70,791

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 US & Canadian academic and non-profit institutions and Patent Management Firms.

Measures reported reflect UMASS system ranking; however UMMS represents 98% of UMASS System total licensing revenue for FY 2007. FY 2008 is the most recent data available.

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
UMW	17	n/a	12	13	13	N/A
Total	220	n/a	157	157	155	N/A

* data for 2005 not available

New Tenured/Tenure-Track Faculty Hired

In FY 2009, UMMS hired sixteen new tenured/tenure-track faculty as the campus continues to recruit new faculty in support of the on-going growth of the research enterprise.

	FY 2005	FY2006	FY 2007	FY 2008	FY2009
UMW	14	9	15	7	16

Change in Tenured/Tenure-Track Faculty

There were eleven more tenured/tenure-track faculty in Fall 2009 than in Fall 2008. UMMS continues to grow its faculty in support of the on-going growth of the basic and translational research enterprises.

	Fall 2006	Fall 2007	Fall 2008	Fall 2009	1-Year Change
UMW	194	200	213	224	11

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.

	Fall 2007	Fall 2008	Fall 2009	1-year Change
UMW	968	1005	1090	85

Faculty Awards

With 18 awards in 2008, Faculty Awards, as reported in The Top American Research Universities Annual Report has increased 20% over prior year. Peer data for medical schools separate from parent university not readily available.

	2007	2008
UMW	15	18

Source: The Top American Research Universities, 2009 Annual Report

National Academy Awards

National Academy Awards, as reported in The Top American Research Universities Annual Report. Peer data for medical schools separate from parent university not readily available.

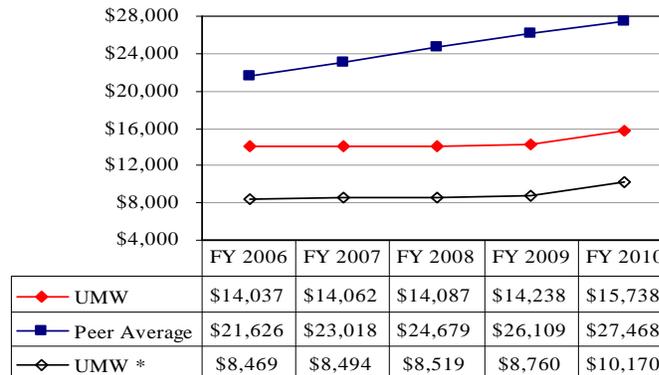
	2007	2008
UMW	3	3

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. UMMS's tuition and fees continue to be lower than the average for all public schools. In addition, at UMMS, 93% 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.

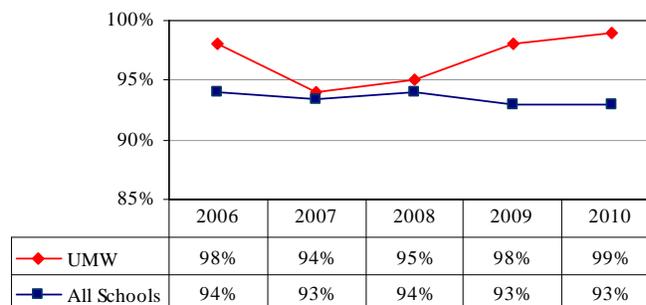


* UMW Tuition and Fees adjusted for learning contract
Peers Source: From AAMC, 14 school peer list

STUDENT SUCCESS AND SATISFACTION

Acceptance Rate to Choice of Residency

This indicator measures the percent of potential graduates who were matched to one of their choices of residency. Rates reflect the competitive strength of UMMS students in comparison to students graduating from all other medical schools. UMMS students have done very well in the match, consistently showing a higher percentage of graduates accepted to their residency choice. In 2009, of the students going through the NRMP, 98% were matched to their choice of residency.



Peers Source: National Resident Matching Program, All Schools
Data by Class Year

SERVICE TO THE COMMONWEALTH

Enrollment in STEM Programs

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

	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009
<i>Total Enrollment</i>	955	977	990	995	1,033
<i>STEM Enrollment</i>	368	354	370	394	407
<i>Percent STEM</i>	39%	36%	37%	40%	39%

Degrees Awarded in STEM Fields

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

	2004-05	2005-06	2006-07	2007-08	2008-09
<i>Total Degrees/Cert.</i>	167	158	182	219	215
<i>STEM Degrees/Cert</i>	40	27	38	49	57
<i>Percent STEM</i>	24%	17%	21%	22%	22%

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 UMMS that focuses solely on providing health care consulting services to state agencies.

(In \$000's)

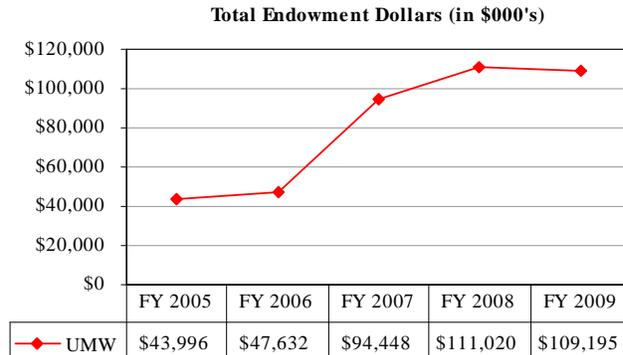
	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
<i>UMW</i>	\$356,795	\$352,603	\$363,505	\$304,486	\$370,392
<i>Peer Average</i>	\$7,837	\$8,759	\$8,176	NA	NA

Peers Source: From AAMC, 14 school peer list. Beginning in FY08, AAMC no longer provides this peer data.

FINANCIAL HEALTH

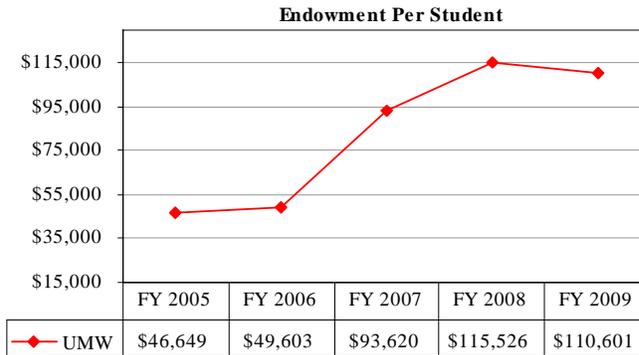
Endowment Assets and Annual Growth in Endowment

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.



Annual Growth in Endowment

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
UMW	13.69%	8.26%	97.80%	21.76%	-5.72%



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 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>
<i>UMW</i>	22.1%	2.4%	15.3%	4.5%	2.3%

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 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>
<i>UMW</i>	31.9%	27.8%	29.2%	29.9%	22.2%

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 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	<i>FY 2009</i>
<i>UMW</i>	2.3%	2.0%	2.2%	3.6%	3.0%

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>UMW</i>	\$ 50	\$ 56

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

MCAT Scores. Mean biology MCAT score for new medical students. Peer data provided by AAMC.

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

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. Data is from Graduation Questionnaire that is prepared by AAMC.

Number of Doctorates Awarded. Number of Doctorates awarded for the academic year 2009 which includes September 2008, January 2009, and May 2009 award dates.

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

Sponsored Research 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. Data is from NIH.

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

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.

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. Include faculty members who are on paid leave. 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). Include faculty members who are on paid leave. Does not include individuals whose primary responsibility is 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.

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 are from AAMC.

FINANCIAL HEALTH INDICATORS

Total Endowment. UMass endowments plus Foundation endowments plus quasi endowments.

Endowment per Student. UMass endowments plus Foundation endowments plus quasi endowments divided by FY 2009 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 include 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		School Name - Selected Public Peer Group
Alabama	SUNY Downstate	Alabama
Arizona	SUNY Upstate	Connecticut
Arkansas	South Alabama	Florida
Buffalo	South Carolina	Indiana
Cincinnati	South Dakota	Iowa - Carver
Colorado	South Florida	Maryland
Connecticut	Southern Illinois	Michigan
East Carolina - Brody	Stony Brook	North Carolina
East Tennessee –		
Quillen	Tennessee	Ohio State
Eastern Virginia	Texas A & M	UC Davis
Florida	Texas Tech	UT Southwestern
Florida State	U Washington	Virginia
Georgia	UC Davis	Wayne State
Hawaii – Burns	UC Irvine	Wisconsin
Illinois	UC San Diego	
Indiana	UC San Francisco	
Iowa – Carver	UCLA - Geffen	
	UMDNJ - RW	
Kansas	Johnson	
Kentucky	UMDNJ New Jersey	
LSU New Orleans	UT Galveston	
LSU Shreveport	UT Houston	
Louisville	UT San Antonio	
MU Ohio	UT Southwestern	
MU South Carolina	Utah	
Marshall – Edwards	Vermont	
Maryland	Virginia	
	Virginia	
Massachusetts	Commonwealth	
Michigan	Wayne State	
Michigan State	West Virginia	
Minnesota Twin Cities	Wisconsin	
	Wright State –	
Mississippi	Boonshoft	
Missouri Columbia	Wright State	
Missouri Kansas City		
Nebraska		
Nevada		
New Mexico		
North Carolina		
North Dakota		
Northeastern Ohio		
Ohio State		
Oklahoma		
Oregon		
Penn State		
Puerto Rico		

**Clery Act Crime Statistics
UMass Amherst**

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2008		Fall 2007		Fall 2006	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	20,539	11,936	20,114	11,687	19,394	11,376
GRADUATE STUDENTS	5,820	146	5,759	183	5,699	153

OFFENSE	Calendar Year		
	2008	2007	2006
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE*	9	9	12
SEX OFFENSES, NON-FORCIBLE	1	0	0
ROBBERY	0	4	2
AGGRAVATED ASSAULT	15	8	13
BURGLARY	65	62	102
MOTOR VEHICLE THEFT	0	6	6
ARSON	3	1	3
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	1	1	0
LIQUOR LAW ARRESTS**	341	245	204
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1,878	736	1009
DRUG LAW ARRESTS**	197	167	175
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	273	11	13
ILLEGAL WEAPONS POSSESSION ARRESTS	13	4	1
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	15	0	4

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 2008		Fall 2007		Fall 2006	
	Total	# Living on	Total	# Living on	Total	# Living on
UNDERGRADUATE STUDENTS	10,478	0	10,008	0	9,246	0
GRADUATE STUDENTS	3,639	0	3,425	0	3,116	0

OFFENSE	Calendar Year		
	2008	2007	2006
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	1	1	0
AGGRAVATED ASSAULT	4	0	0
BURGLARY	17	33	35
MOTOR VEHICLE THEFT	1	0	0
ARSON	0	0	0
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0	0	0
LIQUOR LAW ARRESTS	0	0	0
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1	0	0
DRUG LAW ARRESTS	7	1	2
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	4	1	0
ILLEGAL WEAPONS POSSESSION ARRESTS	2	0	0
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0	1	0

Note: Total count for each category includes crimes that occurred on campus, in or on a non-campus building or

Clery Act Crime Statistics

UMass Dartmouth

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2008		Fall 2007		Fall 2006	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	7,982	4,407	7,927	4,115	7,626	4,115
GRADUATE STUDENTS	1,173	37	1,153	46	1,130	46

OFFENSE	Calendar Year		
	2008	2007	2006
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE	2	2	6
SEX OFFENSES, NON-FORCIBLE	0	0	0
ROBBERY	3	4	2
AGGRAVATED ASSAULT	10	11	7
BURGLARY	67	68	53
MOTOR VEHICLE THEFT	3	0	5
ARSON	1	1	0
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on</i>	0	0	0
LIQUOR LAW ARRESTS	14	5	8
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	581	1273	614
DRUG LAW ARRESTS	22	3	11
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	158	142	133
ILLEGAL WEAPONS POSSESSION ARRESTS	1	1	1
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	6	15	6

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

Clery Act Crime Statistics

UMass Lowell

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2008		Fall 2007		Fall 2006	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	9,706	2,597	8,879	2,228	8,649	2,136
GRADUATE STUDENTS	2,765	26	2,756	20	2,559	29

OFFENSE	Calendar Year		
	2008	2007	2006
MURDER / NON-NEGLIGENT MANSLAUGHTER	0	0	0
NEGLIGENT MANSLAUGHTER	0	0	0
SEX OFFENSES, FORCIBLE	2	4	1
SEX OFFENSES, NON-FORCIBLE	6	4	0
ROBBERY	1	5	1
AGGRAVATED ASSAULT	12	10	14
BURGLARY	32	47	32
MOTOR VEHICLE THEFT	10	7	8
ARSON	5	2	1
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on</i>	1	0	0
LIQUOR LAW ARRESTS	3	21	6
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	51	22	217
DRUG LAW ARRESTS	11	16	29
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	28	30	51
ILLEGAL WEAPONS POSSESSION ARRESTS	2	4	4
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1	3	7

* = Reported to persons other than police.

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 2008		Fall 2007		Fall 2006	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS			0	0	0	0
GRADUATE STUDENTS	1,025	0	1,013	0	1,020	0

OFFENSE	Calendar Year		
	2008	2007	2006
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	4	6	7
MOTOR VEHICLE THEFT	0	2	0
ARSON	0	0	0
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice</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.