

PERFORMANCE MEASUREMENT SYSTEM

UNIVERSITY OF MASSACHUSETTS
2009 Annual Indicators Report



Amherst-Boston-Dartmouth-Lowell-Worcester

*UMASS Presidents Office
Office of Institutional Research
June 2009*

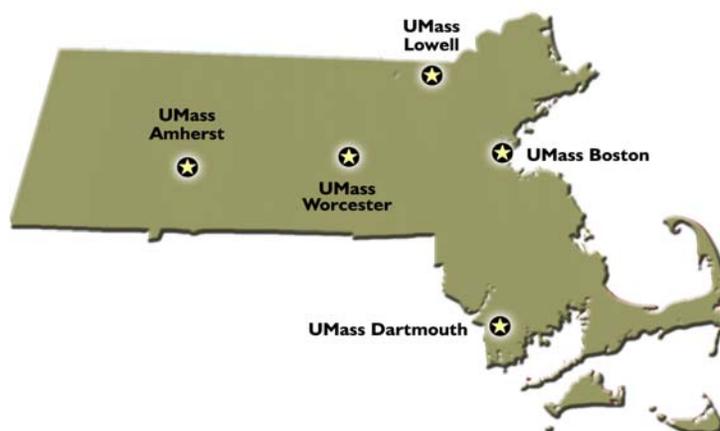
UNIVERSITY OF MASSACHUSETTS

Amherst • Boston • Dartmouth • Lowell • Worcester

2009 REPORT ON ANNUAL INDICATORS **University Performance Measurement System**

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THE 2009 REPORT ON ANNUAL INDICATORS

The 2009 Report on Annual Indicators is the twelfth 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 2009 Annual Indicators
- 2009 Annual Indicators at a Glance
- Data Tables and Charts
- Definitions and Sources

This year, in keeping with the University’s continuing commitment to access and diversity, research and development, as well as international relations, several new indicators have been added to the report in these areas.

LEGISLATIVE PRIORITIES	UMASS STRATEGIC PRIORITIES	2009 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	2009 ANNUAL INDICATORS		
STUDENT SUCCESS AND SATISFACTION	Diversity and positive climate	Percent Undergraduates who are Students of Color		
		Percent Undergraduates who are First Generation in College		
		Percent Undergraduates who have English as Second Language		
		Percent Undergraduates who are International		
		UGs who participated in Study Abroad Program		
		Freshman One-Year Retention Rate		
		Freshman Six-Year Graduation Rate		
		Transfer One-Year Retention Rate		
		Transfer Graduation Rate		
		Match Rate/Choice of Residency		
		SERVICE TO THE COMMONWEALTH	Develop a leadership role in public service	Percent Mass Residents Attending UMass
				In-State UG Enrollment by Region
UMass Percent of all Massachusetts Degrees				
Percent Graduates who Remain in MA				
Enrollment in Science, Technology, Engineering, and Mathematics (STEM) Programs				
Degrees Awarded in STEM Fields				
MTEL Science & Math Test-Takers				
Regional Impact				
Service to State Agencies (\$)				
FINANCIAL HEALTH	Endowment			Endowment Assets and Annual Growth in Endowment
		Endowment per Student		
	Administrative and IT services	Private Funds Raised Annually		
		Return on Net Assets		
	Infrastructure	Financial Cushion		
		Campus Safety		
		Debt Service to Operations		
		Total Deferred Maintenance Cost		
		Deferred Maintenance per GSF		

HEADLINES FROM THE 2009 ANNUAL INDICATORS

ACADEMIC QUALITY

❖ ***UMass continues to admit high quality students.***
UMass attracts highly qualified applicants. For Fall 2008, all the campuses received the highest number of undergraduate applications in the last 11 years. Like last year, the freshmen average SAT scores for some campuses dropped reflecting a national trend. However, average high school GPA rose or remained stable.

❖ ***UMass' research capacity continues to grow.***
In FY2008, the system generated \$435.2 million in sponsored research, an increase of 9.5% over FY 2007. Furthermore, in 2008, the five campuses awarded a total of 437 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 2009 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 12.4% of statewide median family income, a percent much lower than that for the state's private universities (45.4%) and other New England public universities (15.2%).

❖ ***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.

❖ ***UMassOnline expands programs to provide educational access.***
UMass Online reaches diverse and geographically dispersed learners. In AY 2007-08 course enrollments for UMass Online were 34,246, a 20% increase over those for AY 2005-06.

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, nearly one-fourth (or 23.8%) UMass undergraduates are Black, Asian, Hispanic or Native. At UMass Boston, 44% 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 624 international undergraduates students (1.3%) across the five campuses. The University's graduate program has a stronger international presence by comparison. International students comprise about 5% 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 (63.2%) 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 12,221 degrees and certificates in 2007-08, which is 14.2% 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) and education and business (doctoral level).

❖ ***Majority of UMass alumni reside and work in Massachusetts.***
Approximately three of five (60%) graduates of the University remain in the Commonwealth after graduation.

FINANCIAL HEALTH

❖ ***Endowment at more than \$400 million.***
The market value of the University's endowment grew 16.2% from FY 2007 to FY 2008.

❖ ***Financial indicators compare favorably to peers.***
In FY 2008, the University's return on net assets, financial cushion and debt service to operations were all within the range of peer systems.

2009 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

- Research Expenditures \$435.2M
- License Income \$37.7M
- Doctoral awards (2008) 437

ACCESS AND AFFORDABILITY

- Tuition & Fees as Percent of Family Income 12.4%
- Percent Undergraduates from Massachusetts 84%
- Online Course Enrollments 34,246
- Annual Growth in Online Course Enrollments 20%

STUDENT SUCCESS AND SATISFACTION

- Percent Undergrads who are Students of Color 23.8%
- Percent Undergrads who are International 1.3%

SERVICE TO THE COMMONWEALTH

- Proportion of Mass Residents Attending Universities in MA enrolled in UMass 63.2%
- Enrollment of In-State Undergraduates by Region:
 - Greater Boston 27%
 - Northeastern Mass 20%
 - Southeastern Mass 15%
 - Central Mass 8%
 - Western Mass 11%
- Degrees awarded 12,221
- UMass as Percent of all Massachusetts Degrees 14.2%
- Percent Graduates who Remain in MA 59.8%
- MTEL Science and Math Test-Takers 92

FINANCIAL HEALTH

- Endowment Assets \$407.05M
- Annual Growth in Endowment 16.2%
- Private Funds Raised Annually \$94.2M
- Return on Net Assets 5.4%
- Financial Cushion 20.2%
- Debt Service to Operations 4.4%
- Total Deferred Maintenance Cost \$2.6B
- Deferred Maintenance per GSF \$118.04

ACADEMIC QUALITY

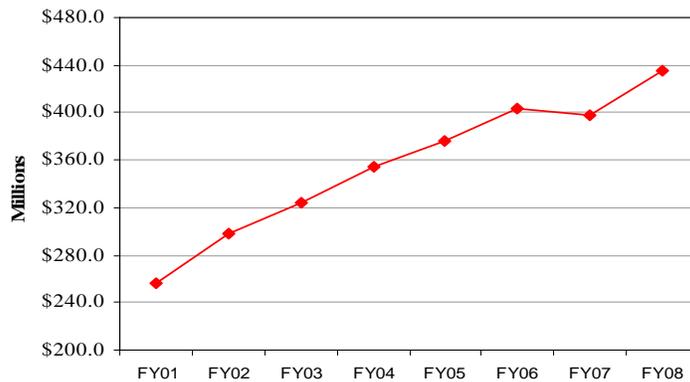
Number of Doctorates Awarded

UMass campuses have awarded a total of 437 doctoral degrees in the 2007-08 academic year. This does not include the 102 MD degrees awarded by UMMS. The highest number of doctoral degrees awarded were in the Biological/Life Sciences area (74), followed by Engineering (68), Education (62), Health Professions and Related Sciences (45), and Physical Sciences (42).

Doctorates	2007-08
UMass (All Campuses)	437

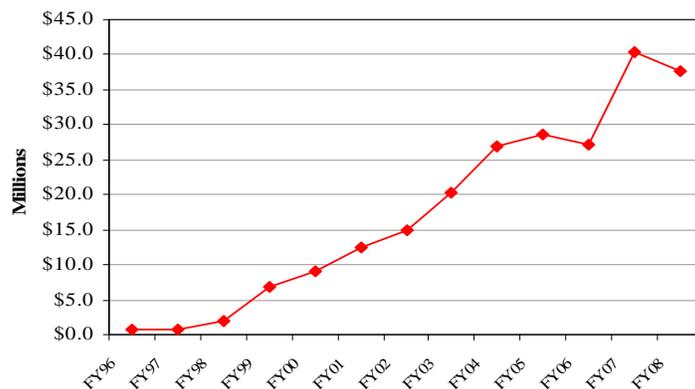
Research Expenditures

Research and development expenditures is an indicator of an institution's research capacity. At UMass, R&D expenditures continue to grow. For FY 2008, the amount was \$435.2 million. Most of the University's R&D expenditures are in the science and engineering fields. Between FY 2001 and FY 2008, R&D expenditures grew by 70%.



License Income

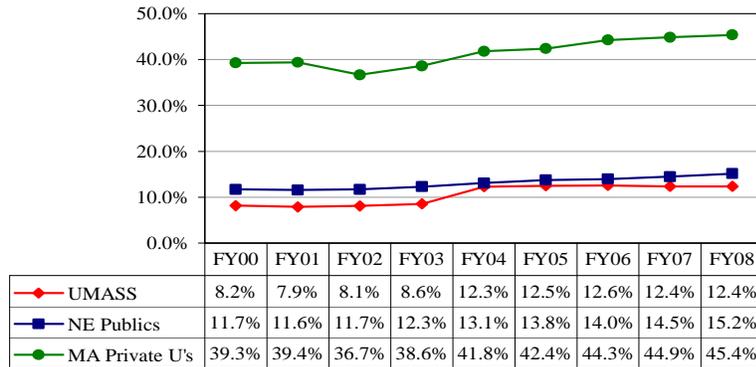
License income is a measure of the economic value of an institution's inventiveness and a contributor to the University's economic health. It is difficult to predict when or for what products or processes a license will begin to generate significant income. License income for UMass totaled \$37.7 million in FY 2008, reflecting an 8% decline from FY 2007. UMass is in the top tier of New England academic institutions in terms of licensing income generated from its technology transfer operation.



ACCESS AND AFFORDABILITY

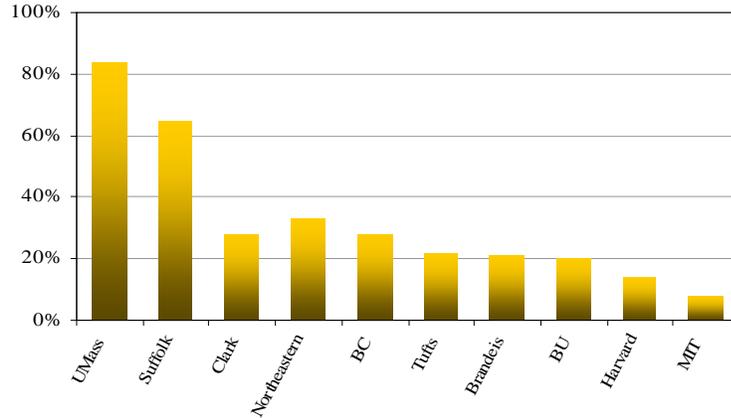
Tuition and Fees as a Percentage of Family Income

UMass average tuition and fees remain affordable relative to median family income. In FY 2008, UMass tuition and fees continued to average 12.4% of statewide median family income, compared with a slightly higher average of 45.4% from the prior year for the state's private universities as well as a higher average of 15.2% from the prior year for other New England public universities.



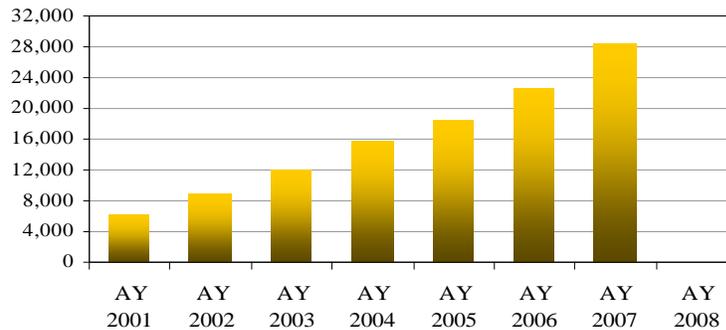
Percent Undergraduate Students from Massachusetts

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 77 programs to diverse and geographically dispersed learners. Course enrollments in UMass Online continue to grow at a healthy rate. Academic year 2007-08 course enrollments were 20% higher than those for AY 2006-07.



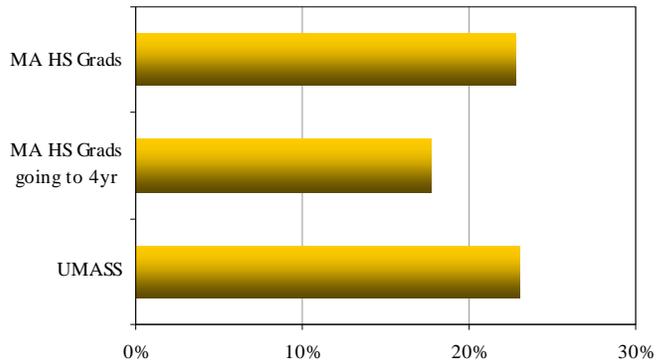
	AY 2001	AY 2002	AY 2003	AY 2004	AY 2005	AY 2006	AY 2007	AY 2008
Online Course Enrollments	6,123	8,999	11,978	15,743	18,464	22,682	28,543	34,246
Annual growth rate		47%	33%	31%	17%	23%	26%	20%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduate Students of Color

Nearly one-fourth (23.8%) of the University's undergraduate students are Students of Color, compared with 24% of the state's population of public high school graduates and 19% of high school graduates who intend to enroll in a four-year college or university.

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

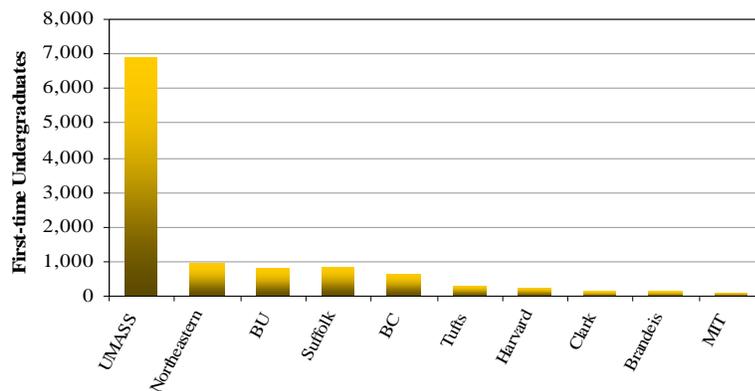
Approximately 1.3% of the University's undergraduate students are International students. The University's graduate program has a stronger international presence by comparison. In Fall 2008, international students comprised about 5% of the total student population - including all undergraduates, graduates, and medical students.

<i>International (UG's)</i>	<i>Fall 2008</i>
<i>Number</i>	624
<i>Percent</i>	1.3%

SERVICE TO THE COMMONWEALTH

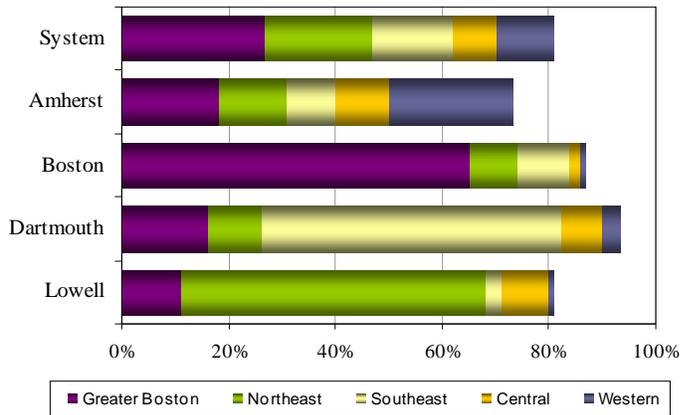
Enrollment of Massachusetts Residents

Almost two of three (63.2%) Massachusetts residents enrolling in universities within the state as first-time undergraduates attend the University of Massachusetts.



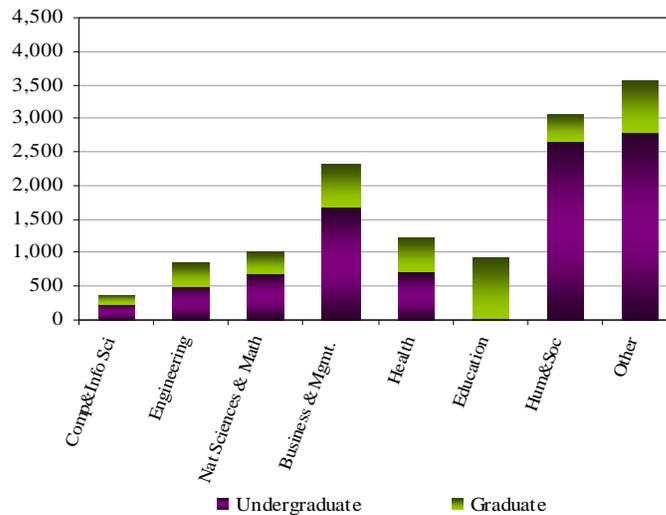
Enrollment by Region

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.



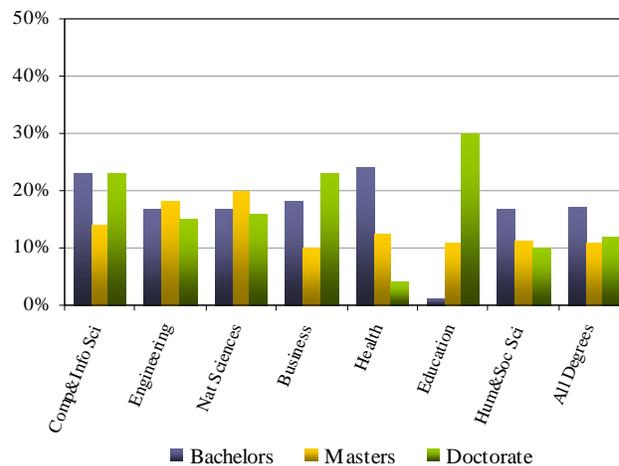
Degrees Conferred by Field

Of the 12,221 degrees and certificates conferred by the University in 2007-8, nearly three-fourths (70%) were at the undergraduate level and over one-fourth (30%) at the graduate level. One-fourth (25%) of all degrees were in the humanities and social sciences. Business/management also comprised nearly one-fifth (19%) of all degrees. The University awarded 384 degrees in computer and information sciences, 851 degrees in engineering and engineering-related technologies (a 4% increase from the previous year), and 1,022 degrees in math and natural sciences. Degrees in health sciences and professions were at 1,216, a 13% increase from the previous year. A total of 928 degrees were awarded in Education, 98% of which were at the graduate level.



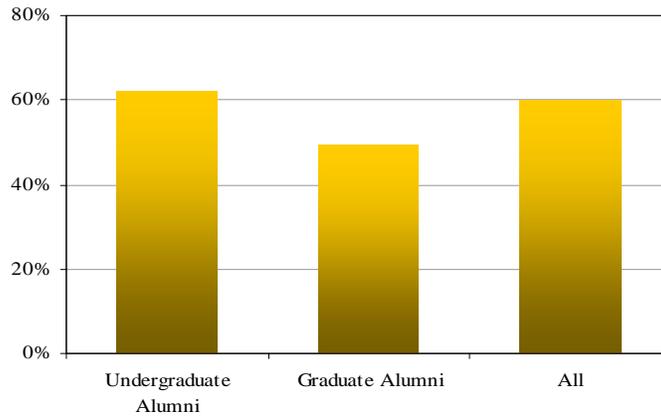
UMass Degrees as Percent of Massachusetts Degrees

The University of Massachusetts annually awarded 14.2% of all baccalaureate and graduate degrees (17.2% of bachelors, 11% of master's degrees and 12% of doctoral degrees) in the state. The University's impact at the doctoral level in business, education, and computer and information science 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 computer and information sciences and health (which includes nursing).



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 2007-08, 92 of the students completing the University's teacher preparation programs took the Massachusetts Tests for Educator Licensure (MTEL) in Science and Math subjects. The fact that this figure has almost doubled over the past five years is a clear reflection of the recent successes achieved by campuses in their STEM initiatives

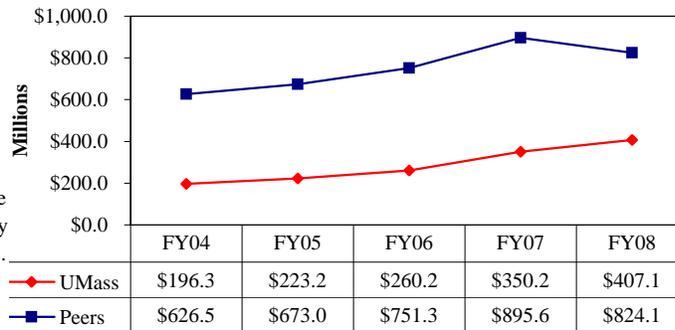
2003-04	2004-05	2005-06	2006-07	2007-08
50	72	61	71*	92

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

FINANCIAL HEALTH

Endowment Assets

Despite a relatively small overall endowment, the growth in the market value of the University's endowment has significantly outpaced the average of the peer systems in most years. Although the rate of endowment growth for UMass dropped by half over the past fiscal year, the University continues to perform exceedingly well in this area when compared to its peers. While the peer average reflected an overall decline in growth, the UMass system continued to grow, albeit at a slower rate.

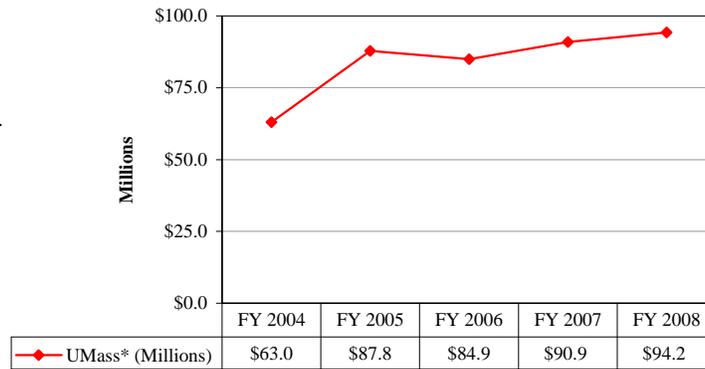


Peers do not include University of California

Annual growth rate	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
UMass	0.3%	13.3%	7.4%	13.7%	16.6%	34.6%	16.2%
Peers	-3.1%	10.7%	8.0%	7.4%	11.6%	19.2%	-8.0%

Private Funds Raised Annually

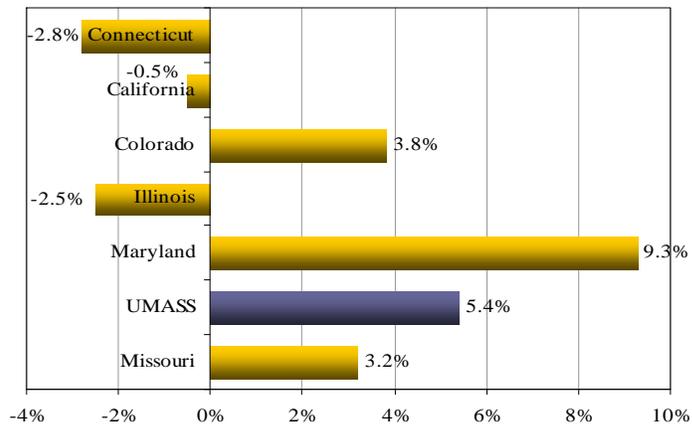
The trend in private giving has been very positive in recent years. Overall there was an 50% increase in annual giving between FY 2004 and FY 2008. In FY 2008, approximately \$94.2 million was raised in private funds.



Return on Net Assets

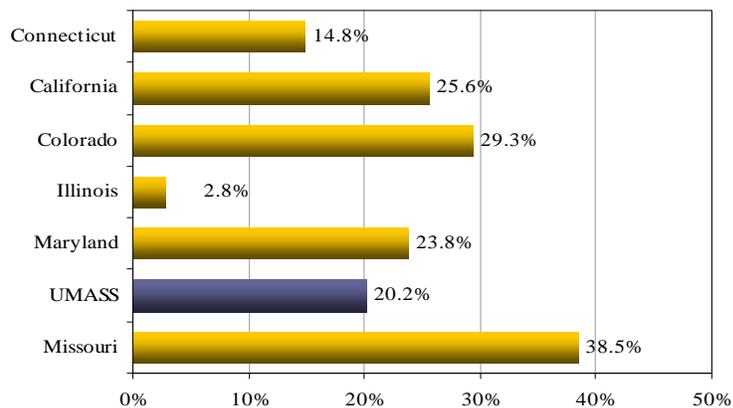
This measure provides a comprehensive measure of the growth or decline in total University wealth. This measure is best viewed over a longer period of time, however, it still helps to show if an institution is better off at the end of the fiscal year than at the beginning. A decline in this ratio may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

In FY 2008, the University's return on net assets compared favorably to that of the peer systems. The 5.4% annual growth in return on net assets was the second highest from among seven peers.



Financial Cushion

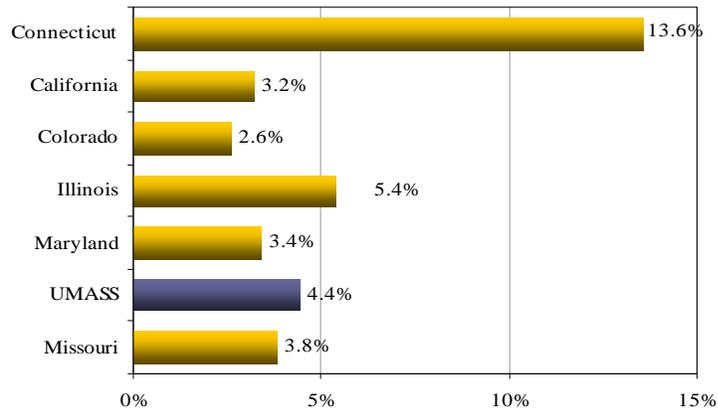
In FY 2008, the University as a whole had a financial cushion of 20.2%. This was within the range for the peer systems of 2.8% to 38.5%.



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 2.9%.

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

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
Deferred Maintenance per GSF	\$114.26	\$118.04

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

Doctorates Awarded Total number of Doctorates awarded by UMass campuses for the academic year 2007-08, which includes September 2007, January 2008, and May 2008 award dates.

Research Expenditures. 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 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 2007 IPEDS and the universities' institutional research offices.

Rate of growth in distance education enrollments. Percentage rate of growth in annual course registrations. Does not represent headcount enrollments. Academic Year represents Fall, Winter, Spring and Summer enrollments.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percentage of undergraduate students of color. Fall 2008 undergraduates who are Black, Hispanic/Latino, Asian and/or Native American, divided by total U.S. citizens and permanent residents who report race/ethnicity. Comparative data for 2008 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 2007 IPEDS and the universities' institutional research offices.

Enrollment by region. In-state undergraduate enrollment by region for Fall 2008.

Degrees conferred by field. 2007-08 degrees conferred by UMass campuses by field.

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 2007-08 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 2008.

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

HEADLINES FROM THE 2009 ANNUAL INDICATORS

ACADEMIC QUALITY

The Top American Research Universities (The Center) identifies seven performance indicators as measures of academic quality to evaluate the comparative performance of 156 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 62 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 2008. The high school GPA of entering students rose from 3.48 to 3.56 in one year, and 96% of students entered UMA with a high school GPA of 3.0 and above. SAT scores have increased by almost 20 points since 2004 but still lag below the median of the peer group. 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 27%, and per faculty expenditures increased by 20% 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. The neediest students at UMA (23%) receive aid in the form of Pell grants. In the 2008-09 academic year, 88% of need was met for in-state students. In the 2009-10 academic year, the campus will enhance the financial aid package for the neediest in-state students and will increase grant aid for in-state students as well. This will 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 69% 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.

The campus has made progress in increasing the diversity of the campus. The Fall 2008 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 2008, one quarter of baccalaureate students and 27% of master's and doctoral students were enrolled in STEM programs. These investments will continue.

FINANCIAL HEALTH

Two measures of an institution's financial strength also used in The Center's rankings are its endowment assets and private funds raised. Although the endowment and levels of private dollars raised in recent years have shown strong gains, the campus is well below other research universities on these measures. In the short-term, little growth is expected because of the economic downturn. 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.

2009 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of Freshmen	3.56
• SAT Scores of Freshmen	
<i>Median</i>	1155
<i>25th – 75th Percentile</i>	1050 – 1260
• Average GPA of Entering Transfer Students	3.16
• Satisfaction With Major	87%
• No. of Doctorates Awarded	291
• No. of Postdoctoral Appointees	207
• Total R&D Expenditures	\$152.88M
• Federal R&D Expenditures	\$79.74M
• Total R&D/Faculty	\$156,804
• Patent Applications	33
• License Income	\$697,008
• New Tenured/Tenure-Track Faculty Hired	72
• Change in Tenured/Tenure-Track Faculty	+3
• Change in Faculty FTE	+11
• Faculty Awards	11
• National Academy Members	9

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	23%
• % of Need Met for In-State Students Awarded Need-Based Aid	88%
• % Undergraduates from Massachusetts	80%
• Online Course Enrollments	11,142
• Annual Growth in Online Course Enrollments	18%

STUDENT SUCCESS AND SATISFACTION

• % Undergraduates who are Students of Color	19.4%
• % Undergraduates who are First Generation in College	14%
• % Undergraduates with English as a Second Language	9%
• % Undergraduates who are International	1.4%
• Number Undergraduates who Participated in a Study Abroad Program	1,008
• Freshman One-Year Retention Rate	87%
• Freshman Six-Year Graduation Rate	69%

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM Programs	
<i>Undergraduate</i>	4,845 (25%)
<i>Graduate</i>	1,393 (27%)
• Degrees Awarded in STEM Fields	
<i>Undergraduate</i>	911 (21%)
<i>Graduate</i>	427 (28%)
• MTEL Science and Math Test-Takers	31

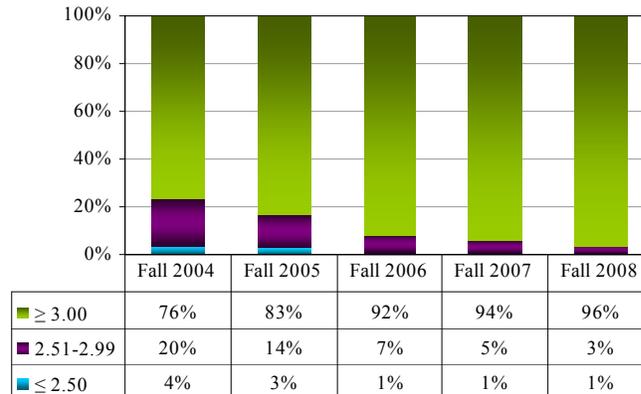
FINANCIAL HEALTH

• Endowment	\$168.24M
• Endowment Per Student	\$7,426
• Return on Net Assets	8.0%
• Financial Cushion	19.3%
• Debt Ratio	4.7%
• Deferred Maintenance per GSF	\$159

ACADEMIC QUALITY

High School GPA of Freshmen

UMass Amherst entering first-year students are strong academically with high school GPAs surpassing 3.5. The Fall 2008 entering class was the strongest in the five year period with 96% of students earning a GPA of 3.0 and above in high school.



<i>Mean GPA</i>	2004	2005	2006	2007	2008
<i>UMA</i>	3.29	3.38	3.46	3.48	3.56

SAT Scores of Freshmen

The SAT profile of UMass Amherst students improved in Fall 2008, but is somewhat below that of its peers. UMA students perform slightly better at the 25th percentile than they do at the 75th percentile when compared with this group. The UMA mean SAT scores have increased by 18 points since 2004.

<i>SAT Score</i>	2004	2005	2006	2007	2008
<i>UMA</i>					
<i>25th %ile</i>	1050	1050	1050	1050	1050
<i>75th %ile</i>	1220	1240	1240	1230	1260
<i>Peer Median</i>					
<i>25th %ile</i>	1080	1080	1080	1060	1070
<i>75th %ile</i>	1295	1295	1300	1290	1295
<i>UMA Rank</i>					
<i>25th %ile</i>	10	10	9	9	8
<i>75th %ile</i>	10	10	10	11	10

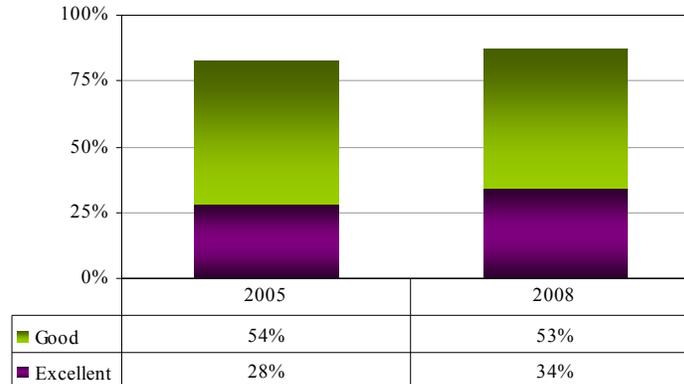
Average GPA of Entering Transfer Students

The transfer grade point average has been consistently high and surpasses the mandated Department of Higher Education minimum of 2.00 for transfer students.

<i>Average Transfer GPA</i>	2004	2005	2006	2007	2008
<i>UMA</i>	3.20	3.13	3.18	3.14	3.16

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.



Number of Doctorates Awarded

The number of doctorates awarded at UMA has grown since 2004; however the rate of increase at peer institutions surpasses that of UMA.

Doctorates	2004	2005	2006	2007	2008
UMA	274	267	253	293	291
Peer Median	271	280	325	329	335
Rank	6	7	9	9	8

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 is at a five-year high. UMass's rank is above the peer median, evidence of strong research programs.

Post-Docs	2004	2005	2006	2007	2008
UMA	167	165	182	195	207
Peer Median	154	152	162	NA	NA
Rank	4	5	5	NA	NA

Research Expenditures

Total R&D spending in FY 2008 was \$157 million, of which nearly \$153 million was in science and engineering (S&E). S&E expenditures increased by 27% in total dollars and 22% in federal dollars since FY 2004.

Despite these gains, the relative position of UMA has not changed.

Total S&E Research (\$000's)	2004	2005	2006	2007	2008
UMA	\$120,788	\$127,487	\$136,057	\$141,538	\$152,884
Peer Median	\$202,421	\$204,916	\$218,924	NA	NA
Rank	9	8	9	NA	NA

Federal S&E Research (\$000's)	2004	2005	2006	2007	2008
UMA	\$65,452	\$66,921	\$69,642	\$71,984	\$79,736
Peer Median	\$92,242	\$100,980	\$105,361	NA	NA
Rank	10	10	9	NA	NA

Total Research Expenditures per Tenure System Faculty

The total S&E dollars per faculty increased by 20% in that same period.

Per Tenure System Faculty FTE	2004	2005	2006	2007	2008
Total	\$135,064	\$138,049	\$142,468	\$146,368	\$156,804
Federal	\$73,188	\$72,386	\$72,847	\$74,441	\$81,781

Patent Applications

The number of patent applications filed per year has more than doubled since 2005. In FY 2008, the campus received over \$1 million in sponsored research support from its licensees, and over \$2 million in sponsored research support associated with patented but not-yet licensed technologies.

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

License Income

The licensing revenue for fiscal years 2005 and 2006 include large, one-time payments.

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

New Tenured/Tenure-Track Faculty Hired

The campus has made significant investments in tenure system faculty hires in recent years, and will remain committed to supporting the strongest faculty possible during the economic downturn. 45 new faculty positions will be funded over the next few years.

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

Change in Tenured/Tenure-Track Faculty

Fall 2008 saw a one-year gain of three in the tenure-system faculty, and an increase of 58 since Fall 2004. Investment in faculty is required to maintain the campus as a nationally competitive public research university and will continue to be a priority.

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008	1-year Change
<i>UMA</i>	917	954	961	972	975	3

Change in Faculty FTE

Faculty full-time equivalent has grown by 83 since Fall 2004, with 70% of the growth in the tenure system faculty.

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008	1-year Change
<i>UMA</i>	1,183	1,157	1,231	1,255	1,266	11

Faculty Awards

UMass Amherst faculty members are recipients of many prominent awards in the arts, humanities, science, engineering and health fields. The campus often performs at or above the median of its peers on this measure.

<i>Awards</i>	2003	2004	2005	2006	2007
<i>UMA</i>	15	10	13	19	11
<i>Peer Median</i>	11	11	15	12	11
<i>Rank</i>	3	6	7	1	6

National Academy Members

Several UMass faculty members have been elected to some of the most prestigious disciplinary organizations: the National Academy of Science, the National Academy of Engineering, or the Institute of Medicine. These are some of the highest honors academic faculty can receive. 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>	2003	2004	2005	2006	2007
<i>UMA</i>	7	7	9	7	9
<i>Peer Median</i>	12	13	12	11	11
<i>Rank</i>	9	9	7	8	7

ACCESS AND AFFORDABILITY

Percent Pell Grant Recipients

Nearly one-quarter of UMA undergraduate students receive support in the form of Pell grants. This number has remained steady and is quite favorable. The campus is surpassed by only one of its peers where 25% of students were Pell Grant recipients.

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

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 will likely increase the percent of need met. The number of in-state students receiving need-based grant aid will increase as well.

<i>Percent Need Met</i>	<i>Fall 2008</i>
<i>UMA</i>	88%

Percent Undergraduates from Massachusetts

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

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

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. Enrollment in online courses reached a record high in FY 2008.

<i>Online Course Enrollments</i>	<i>FY 2007</i>	<i>FY 2008</i>
<i>UMA</i>	9,175	11,142

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>FY 2007</i>	<i>FY 2008</i>
<i>UMA</i>	NA	18%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduates who are Students of Color

The Amherst campus is committed to enrolling a diverse student body evidenced by the growth in the proportion of undergraduates who are students of color. The Fall 2008 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>Percent</i>	17.5%	18.4%	19.4%

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>Number</i>	390
<i>Percent</i>	14%

Percent Undergraduates with English as a Second Language

English is not the first language of about one tenth of 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>Number</i>	234
<i>Percent</i>	9%

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 will explore ways to increase the number of international students on campus.

<i>International Undergraduate</i>		<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>
<i>Number</i>		266	231	251
<i>Percent</i>		1.5%	1.3%	1.4%

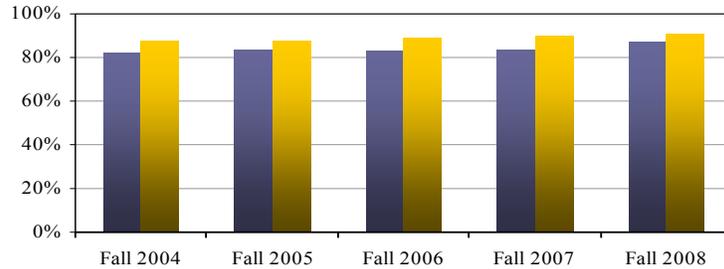
Number Undergraduates who Participated in a Study Abroad Program

Over 1,000 UMass undergraduates participated in a study abroad experience during the 2006-07 academic year. The campus encourages students to take advantage of these enriching experiences.

<i>Study Abroad (UG's)</i>	<i>2006-07</i>
<i>Number</i>	1,008

Freshman One-Year Retention Rate

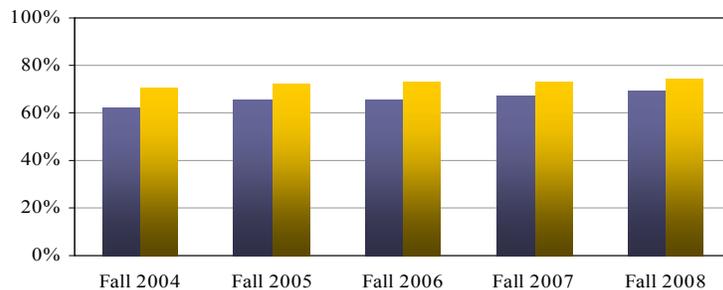
The one-year retention rate has been below the peer median. However, there has been improvement in the retention rate since Fall 2004. In particular, there has been a five-point gain in the retention rate. Improving the first-year experience and hence student retention is a campus priority, and new strategies are being developed.



	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
UMA	82%	84%	83%	84%	87%
Peer Median	88%	88%	89%	90%	91%
Rank	10	9	11	9	8

Freshman Six-Year Graduation Rate

Almost 70% of full-time Amherst campus students graduate within six years of entrance. Like one-year retention, the campus has made progress in improving the graduation rate. The 2008 rate is below the peer median; however the campus has moved up in its rank.



	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
UMA	62%	66%	66%	67%	69%
Peer Median	71%	72%	73%	73%	74%
Rank	9	8	7	7	7

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 programs. Presently, 25% of baccalaureate students and 27% of graduate students are enrolled in such programs.

Undergraduate

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
<i>UMA</i>					
<i>Total</i>	18,378	18,812	19,299	19,621	19,016
<i>STEM</i>	4,096	3,961	4,157	4,455	4,845
<i>Percent STEM</i>	22%	21%	22%	23%	25%

Graduate

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
<i>UMA</i>					
<i>Total</i>	4,898	4,890	5,067	5,077	5,105
<i>STEM</i>	1,522	1,474	1,453	1,413	1,393
<i>Percent STEM</i>	31%	30%	29%	28%	27%

Degrees Awarded in STEM Fields

The proportion of undergraduate and graduate students receiving degrees in STEM disciplines tends to mirror the enrollment in these programs.

Undergraduate

UMA	2003-04	2004-05	2005-06	2006-07	2007-08
<i>Total Degrees</i>	3,919	4,262	4,038	4,235	4,431
<i>STEM</i>	876	952	953	919	911
<i>Percent STEM</i>	22%	22%	24%	22%	21%

In 2007-08, 21% of undergraduate and 28% of graduate degrees awarded were in STEM fields.

Graduate

UMA	2003-04	2004-05	2005-06	2006-07	2007-08
<i>Total Degrees</i>	1,332	1,411	1,402	1,448	1,506
<i>STEM</i>	412	393	369	419	427
<i>% STEM</i>	31%	28%	26%	29%	28%

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. Annual growth in the total endowment was 20% or more in the last three years. This was fueled in part by transferring some of the cash balance into a quasi endowment fund. Instability in the financial markets will likely result in a sharp decline in this growth rate in the next several years.

<i>Endowment (\$000's)</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>
<i>UMA</i>	\$81,880	\$91,193	\$113,724	\$136,954	\$168,241
<i>Annual % change</i>	10%	11%	25%	20%	23%

Endowment per Student

The campus endowment per student is one of the lowest in the country for a public flagship campus. Unlike its peers, the UMA endowment per FTE increased by 22% in FY 2008. This was due primarily to a transfer of some cash balances into a quasi endowment fund. In the short term this ratio is expected to show little or no growth due to instabilities in the financial markets.

<i>Endowment per FTE</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>
<i>UMA</i>	\$3,830	\$4,232	\$5,164	\$6,101	\$7,426
<i>Peers</i>	\$16,426	\$18,529	\$19,769	\$21,304	\$14,915

Return on Net Assets

Return on net assets for the campus is above the peer average. This ratio will decline sharply in future years as new buildings come online, resulting in higher depreciation and O&M costs. The campus also anticipates reduced investment income gains.

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

Financial Cushion

Financial cushion represents an institution's capacity to sustain itself during difficult financial times. Although lower than its peers, the ratio for the Amherst campus still compares favorably. The financial cushion will decline over the next several years as accumulated unrestricted funds, which have been designated for capital improvements are spent on these projects, and some reserves are used to bridge spending in response to base budget reductions.

	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>
<i>UMA</i>	16.8%	15.2%	16.7%	18.2%	19.3%
<i>Peers</i>	21.5%	22.4%	22.5%	25.6%	26.8%

Debt Service to Operations

The debt service ratio for the campus is slightly below its peers. It will escalate over the next several years as the campus begins repaying the debt service on its new construction and major renovation projects. In addition, as expenses are cut in other areas, this operating line will consume more of the total budget.

	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>
<i>UMA</i>	3.2%	3.7%	4.8%	4.2%	4.7%
<i>Peers</i>	6.2%	5.9%	4.9%	5.3%	4.8%

Deferred Maintenance per GSF

This ratio tracks the progress the campus anticipates making in reducing its deferred maintenance backlog over the next few years. Due to the loss of state appropriation, the campus will not make as much progress as previously planned on reducing this backlog.

	<i>FY 2008</i>
<i>UMA</i>	\$165

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 2008 which includes September 2007, January 2008, and May 2008 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.

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 are from NSF.

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

Change in Tenured/Tenure-track Faculty. The difference in the number of tenured/tenure-track faculty from one fall semester to the next. Includes faculty members who are on paid leave. Does not include individuals whose primary responsibility is administrative. For the 2009 PMS report, the difference will be between the figure for Fall 2008 and Fall 2007.

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 2009 PMS report, the difference will be between the figure for Fall 2008 and Fall 2007.

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 undergraduate students from in-state as determined by tuition residency classification.

Online Course Enrollments. 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.

Annual Growth in Online Course Enrollments.

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.

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 2008.

Percent Undergraduates with English as a Second Language.

Data are from Cooperative Institutional Research Program (CIRP) Freshmen Survey 2008.

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 2006 through Summer 2007.

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 and represent 4-year averages.

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 and represent 4-year averages.

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

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 almost doubled, to 1,020 in Fall 2008. 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. The number of students enrolled in for-credit internships has also doubled, to just under 2,000 students in Fall 2008.

Strengthen research and development

Between FY 2004 and FY 2008, UMass Boston's R&D expenditures reported to NSF increased a remarkable 96% to \$30.3 million. Moreover, UMass Boston has a unique profile of accomplishment. Less than 30% of FY 2007 R&D expenditures (\$11 million) were in science and engineering fields. In contrast, more than 53% of FY 2007 R&D expenditures (\$20 million) were in the social and behavioral sciences. To put this in perspective, the national average percentage of FY 2007 R&D expenditures in the social and behavioral sciences for small research institutions was 9%. The UMass Boston percentage is nearly six times the national average.

R&D per UMass Boston faculty member grew by 16.5% from FY 2007 to FY 2008 and has doubled since FY 2004. 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 specific research clusters.

Renew faculty

We welcomed 34 new tenured or tenure-track faculty members to UMass Boston in AY 2006-07. While the majority of the positions were replacements for retirements, we did see an increase of nine tenure stream faculty between Fall 2007 and Fall 2008.

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 2004 and Fall 2008, 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 2008, 44% 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 increases in enrollment.

Freshmen retention rates have continued to increase over the past five years, and have been at 75% (slightly above the peer average) for Fall 2007 and Fall 2008. The retention rate of entering transfer students has also increased to 77% 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 almost 2,000 students in these disciplines in Fall 2008. The proposed Integrated Science Building will further strengthen this focus of the University.

FINANCIAL HEALTH

In recent years, UMass Boston's financial performance has reflected steady improvement resulting from rising enrollment and fee revenue, replenished state support, growing investment income and tighter expense management. In fiscal year FY 2008, the operating margin showed continued improvement and was positive for the second consecutive year at 2.6%, the first time UMass Boston has achieved positive operating margins in consecutive years since FY 2000 and FY 2001; the cushion ratio reached 13.0%, which for the first time had UMass Boston on par with its peers; and the return on net assets ratio of 8.3%, while down from the 21.0% in FY 2007, reflected solid financial performance and continued capital contributions from third parties. The campus was in a state of overall sound financial health at the close of FY 2008.

2009 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• High School GPA of Freshmen	3.01
• SAT Scores of Freshmen (25 th -75 th)	960 - 1130
• Average GPA of Entering Transfers	3.04
• % Senior Rating Educational Experience “Good” or “Excellent”	80%
• Number of Students Enrolled in for-Credit Internships	1,942
• Number of Doctorates Awarded	30
• Research & Development Expenditures	\$30,27M
• Total R&D Expenditure Per Tenured Faculty	\$84,415
• Sponsored Instruction & Outreach/Faculty	\$42,929
• Inventory Disclosure, Patent Applic., & Patents	1, 1, 0
• Licenses & License Income	\$781
• New Tenure/Tenure-Track Faculty Hired	34
• Change in Tenured/Tenure-Track Faculty	2%
• Change in Faculty FTE	6%
• Faculty Awards	4

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	31%
• % of Need Met for In-State Students Awarded Need-Based Aid	92%
• % Undergraduate Students from Massachusetts	92%
• Enrollment in Distance/Online Courses	7,365
• Rate of Growth in Distance Education Enrollments	31%

STUDENT SUCCESS AND SATISFACTION

• % Undergraduate Students of Color	44%
• % First-Generation College Students	59%
• % Undergraduates who Speak English as a Second Language	40%
• % International Undergraduates	3.1%
• Number Undergraduates who Participate in a Study Abroad Program	112
• Freshmen One-Year Retention Rate	75%
• Freshmen Six-Year Graduation Rate	33%
• Transfer One-Year Retention Rate	77%
• Transfer Four-Year Graduation Rate	63%

SERVICE TO THE COMMONWEALTH

• % Graduates who Live in Massachusetts	76%
• Enrollment in STEM Programs	1,959 (16%)
• Degrees Awarded in STEM Fields	208 (8%)

FINANCIAL HEALTH

• Annual Growth in Endowment	21%
• Endowment per Student	\$3,344
• Private Funds Raised Annually	\$16.81M
• Return on Net Assets	8.30%
• Financial Cushion	13.0%
• Debt Service to Operations	4.9%
• Deferred Maintenance per GSF	\$172.0

ACADEMIC QUALITY

High School GPA of Freshmen

The number of entering freshmen has increased 81% from Fall 2004 to Fall 2008 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 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
≥3.00	54%	50%	45%	52%	49%
2.50 - 2.99	37%	36%	38%	37%	39%
<2.50	10%	14%	16%	11%	12%
<i>Average</i>	3.03	3.02	2.97	3.05	3.01

SAT Scores of Freshmen

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

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2007 Peers
75th %ile	1120	1160	1140	1130	1130	1174
25th %ile	950	970	960	960	960	950

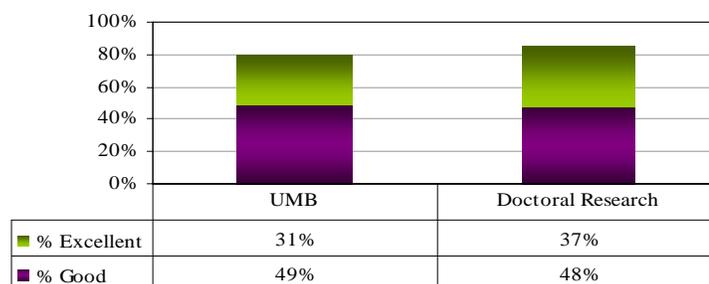
Average GPA of Entering Transfer Students

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 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
<i>UMB</i>	3.05	3.03	3.01	3.06	3.04

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 reached 1,942 in Fall 2008. The number reported has more than doubled since Fall 2004 as the collection of the data has improved and more attention has been focused on providing opportunities for students to integrate their academic lives with real-world experiences.

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
<i>UMB</i>	940	1,376	1,307	1,453	1,942

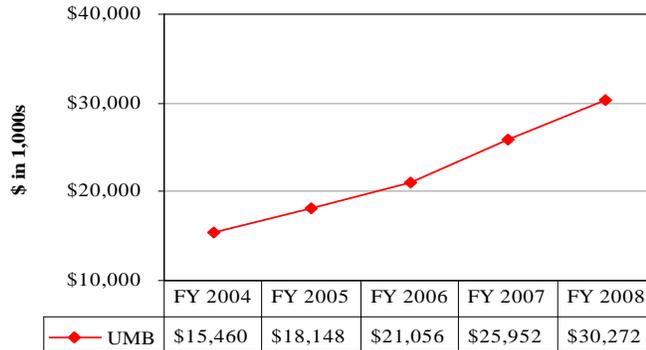
Number of Doctorates Awarded

UMass Boston has awarded 170 doctoral degrees in the last five years, averaging 34 a year.

Doctorates	2008
UMB	30

Research and Development (R&D) Expenditures

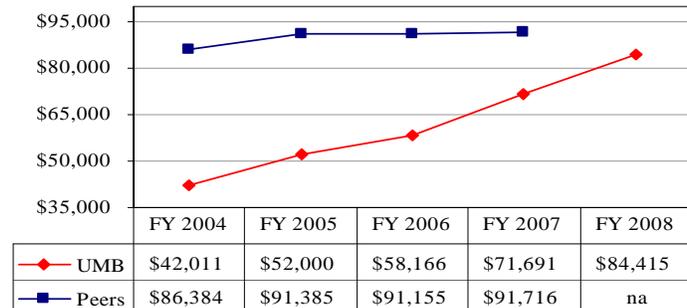
Between FY 2004 and FY 2008, UMass Boston's R&D expenditures reported to NSF increased a remarkable 96% to \$30.3 million. Moreover, UMass Boston has a unique profile of accomplishment. Less than 30% of FY 2007 R&D expenditures (\$11 million) were in science and engineering fields. In contrast, more than 53% of FY 2007 R&D expenditures (\$20 million) were in the social and behavioral sciences. To put this in perspective, the national average percentage of FY 2007 R&D expenditures in the social and behavioral sciences for small research institutions was 9%. The UMass Boston percentage is nearly six times the national average.



Total R&D Expenditure per Tenured System Faculty

R&D per UMass Boston faculty member grew by 16.5% from FY 2007 to FY 2008 and has doubled since FY2004. 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.

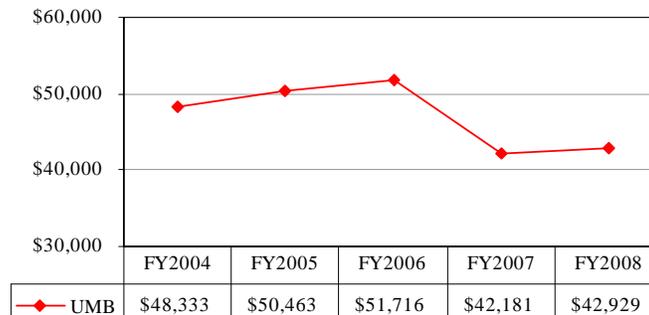
In calculating peer data, we excluded the University of Illinois Chicago and the University of Louisville which have Medical Schools. Our new Financial Peers have considerable research activity.



Sponsored Instruction & Outreach per Faculty

UMass Boston's sponsored activity in Instruction and Outreach rose slightly (0.7%) in FY 2008. The decline in FY 2007 reflects the accurate application of the NSF definitions. That is, prior year sponsored programs were incorrectly classified as Instruction or as Outreach.

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>Patent Applications</i>	1

License Income

The first license of technology at UMass Boston was a diagnostic test developed and published by a faculty member in the Psychology Department. The CVIP licensing associate at UMass Boston is now also the business development manager of the Venture Development Center, a new facility opening May 1, 2009 to focus on opportunities available in the innovation economy.

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

New Tenured/Tenure-Track Faculty Hired

In AY 2008-09 UMass Boston was successful in recruiting 34 tenured or tenure-track faculty; 36% were persons of color, and 70% 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>UMB</i>	38	23	29	34

Change in Tenured/Tenure-Track Faculty

New and replacement faculty hiring and the retention of faculty resulted in an increase in tenure stream faculty of 2% from Fall 2007 to Fall 2008.

<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>1-year Change</i>
349	362	358	370	379	2%

Change in Faculty FTE

The 6% increase in FTE faculty from Fall 2007 to Fall 2008 shows the sustained increase in enrollments between Fall 2004 and Fall 2008, requiring significant use of part-time faculty.

<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>1-year Change</i>
578	577	590	624	659	6%

Faculty Awards

This is the first year we have reported this data from the "Major Research University" report. The measure includes only specific types of awards.

<i>Awards</i>	<i>2008</i>
<i>UMB</i>	4

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*
UMB	32%	31%	34%	31%

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 were able to meet 97% of demonstrated financial need with 40% grant aid, 49% student loans and 9% federal work study, and estimate we will meet 93% of need at the end of the academic/fiscal year.

Percent Need Met	Fall 2008
UMB	92%

Estimating 93% for Fall 2009

Percent Undergraduate Students from Massachusetts

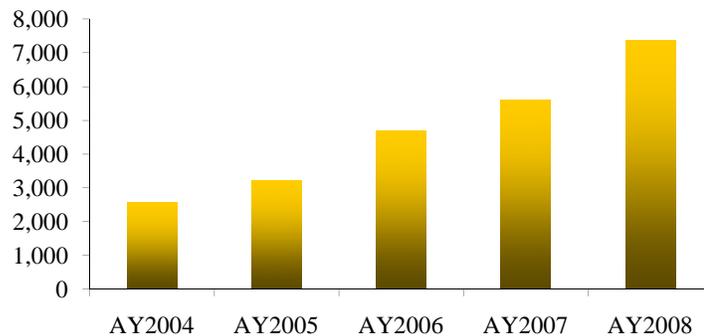
UMass Boston serves primarily undergraduate students from Massachusetts. We also attract international and out-of-state students. In Fall 2008, 8% of our undergraduate students were international or out-of-state students.

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
Number	7,397	7,437	7,706	8,266	8,596
Percent	92%	92%	93%	92%	92%

Enrollments in Distance/Online Courses

Annual online class registrations have grown rapidly from AY 2004 to AY 2008 from 2,569 to 7,365.

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



Annual Growth in Online Course Enrollments

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

	AY2004	AY2005	AY2006	AY2007	AY2008
UMB	2,569	3,220	4,681	5,768	7,365
Annual Rate of Growth	58%	25%	45%	20%	31%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduates Students of Color

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

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
<i>Number</i>	2,525	2,733	3,200	3,603	3,880
<i>Percent</i>	41%	41%	42%	44%	44%

UMass Boston continues to be the most diverse public research university with over 2,500 undergraduates in New England.

Percent Undergraduates who are First-Generation College Students

Question: <i>Did either of your parents receive a Bachelor's degree?</i>	2004	2005	2006	2007	2008
<i>NSSE: % reporting that neither of their parents had received a Bachelor's degree.</i>	59%	n/a	n/a	n/a	59%
<i>CIRP: % reporting neither of their parents had received a Bachelor's degree.</i>	57%	n/a	53%	n/a	48%

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.	2004	2005	2006	2007	2008
<i>First Time, F-T Freshmen CIRP: Is English your native language? % responding 'No'.</i>	38%	n/a	37%	n/a	22%
<i>Do you usually speak a language other than English at home or with family? NSSE: Combined Freshman and Seniors</i>	44%	n/a	n/a	n/a	40%

Percent International Undergraduates

The number and percentage of international students attending as undergraduates has reflected overall enrollments and international events over the past years.

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

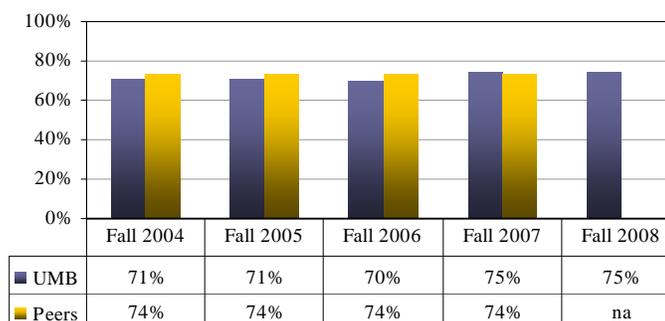
Number Undergraduates who Participate in a Study Abroad Program

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.

Study Abroad (UG's)	Fall 2006 - Summer 07
Number	112

Freshmen One-Year Retention Rate

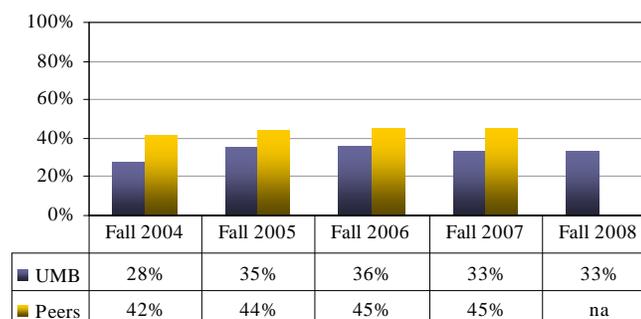
The one-year retention rate for freshmen increased from 70% for those entering in Fall 2005 to 75% for those entering in Fall 2006. In Fall 2007, we exceeded our peer average. All of our peer institutions have on campus housing.



Freshmen Six-Year Graduation Rate

The Fall 2001 entering cohort's (reported as Fall 2007) graduation rate was 33%. This is a decrease over Fall 2006 but a substantial increase over Fall 2004 (those who entered in Fall 1998). The six-year graduation rate of freshmen is lower than that of our peers.

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 77% for the cohort entering in Fall 2008.

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
Percent	70%	71%	75%	74%	77%

Transfer Four-Year Graduation Rate

The four-year transfer graduation rate was 63% for those graduating in Fall 2008. There are no peer comparisons available for this indicator as these statistics are not collected nationally.

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
Percent	65%	67%	63%	58%	63%

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 in Fall 2006 and updates of address data 'reduced' the percentage of graduates shown as living in MA in Fall 2006 - Fall 2008.

	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>
<i>Undergraduate</i>	80%	81%	78%	78%	76%
<i>Graduate</i>	80%	81%	76%	76%	74%
<i>All</i>	80%	81%	78%	78%	76%

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.

	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>
<i>Total Degree Seeking Enrollment</i>	9,371	10,026	10,657	11,642	12,375
<i>STEM Enrollment</i>	1,339	1,416	1,562	1,789	1,959
<i>% STEM Enrollment</i>	11%	12%	13%	14%	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.

	<i>2003-04</i>	<i>2004-05</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>
<i>Total Degrees/Cert. Awarded</i>	2,315	2,376	2,453	2,295	2,530
<i>STEM Degrees/Cert</i>	266	284	219	184	208
<i>% STEM Degrees/Cert.</i>	11%	12%	9%	8%	8%

FINANCIAL HEALTH

Endowment Assets and Annual Growth in Endowment

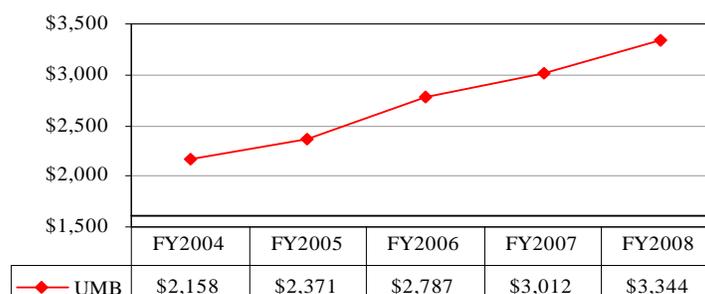
Endowment assets have continued to grow, increasing from \$21.2 million in FY 2004 to \$34.5 million in FY2008. This represents a 63% increase in endowment assets.

	FY2004	FY2005	FY2006	FY2007	FY2008
Total (\$000's)	\$21,244	\$22,634	\$24,995	\$28,672	\$34,554
Annual % change	4%	7%	10%	15%	21%

Endowment per Student

Endowment per student figures continued to increase in FY 2008 in spite of the 21% increase in the number of students over the past five years.

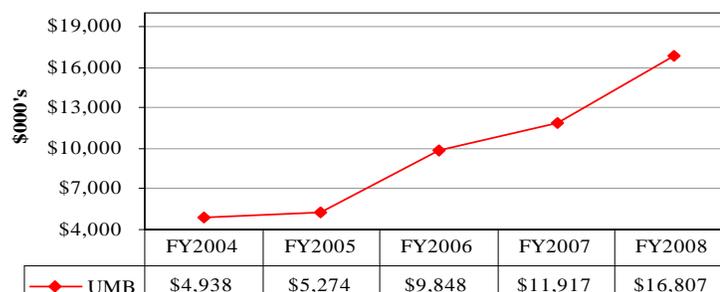
Peer data are not available for this measure.



Private Funds Raised Annually

In FY 2008 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 2004 to FY 2008 has been dramatic.



Return on Net Assets

In FY 2008 the growth in net assets slowed as capital appropriations from governmental sources declined from \$24.2 million to \$4.2 million. Improved operating results, however, helped to maintain the ratio at a level twice that of our peers.

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

Financial Cushion

In FY 2008, unrestricted and restricted-but-expendable net assets increased significantly for the second straight year.

	FY2004	FY2005	FY2006	FY2007	FY2008
<i>UMB</i>	6.68%	6.30%	6.50%	9.81%	13.00%
<i>Peer Average</i>	12.50%	12.80%	14.00%	16.41%	13.20%

For the first time over the last five fiscal years, UMass Boston has recorded a financial cushion like that of its peer institutions' average.

Debt Service to Operations

The debt service ratio has remained in a relatively tight range over the last five fiscal years. In FY 2008, interest expenses of \$4.51 million remained relatively unchanged from the previous fiscal year (\$4.53 million). We expect an increase in the Debt Service to Operations ratio over the next few years as the University implements its Facilities Master Plan.

	FY2004	FY2005	FY2006	FY2007	FY2008
<i>UMB</i>	5.03%	4.74%	5.33%	5.11%	4.90%
<i>Peer Average</i>	3.15%	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
<i>UMB</i>	\$175.02

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 2007, January 2008, and May 2008 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.

Inventory Disclosures, Patent Applications, & Patents. Number of U.S. Patent applications filed per year.

Licenses & License Income. Number of licenses completed and amount of annual income from license agreements.

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.

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 courses. 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*.

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 undergraduate students from in-state as determined by tuition residency classification.

Registrations in online courses. The Division of Corporate, Distance, and Continuing Education offers online education through UMass Online. Count represents course registrations, not headcount enrollments, during a given academic year (Summer-Fall).

Annual growth in online course registrations. Percentage rate of growth in annual online course registrations from one academic year to the next. Does not represent headcount enrollments.

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 students whose parents did not attend college.

Percent of undergraduates who speak English as a second language. 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 2006 through Summer 2007.

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 from U.S. News.

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 are from US News.

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

HEADLINES FROM THE 2009 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 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 hard to recruit students across a relatively broad spectrum. We have significantly grown freshman enrollments 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. We are encouraged to see federally-supported research increasing by 14% compared to last year, to \$13.1 million, indicating UMass Dartmouth's involvement in meeting national priorities through research and development.

The Dartmouth indicator for Research and Development/Faculty has more than tripled in eight years, going from \$21,646 per faculty member in FY 2000 to \$66,853 in FY 2008. Submission of applications is up in an increasingly competitive environment. Our fund expenditures in the overall research and scholarship category can be explained by the conclusion of some major grants. Our many junior faculty show high potential in their striving to achieve funded research success. This indicator does 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 move forward.

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.

DEGREES GRANTED

In 2008, UMass Dartmouth graduated 1,492 students, at all levels (as seen in the indicator on STEM degrees), 54 more than in 2007 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 on-going commitment to educating students in these fields. During a period of enrollment growth, we have grown enrollments in these fields along with other fields.

Although we are still small in doctoral education, we have now produced 29 PhDs at the UMass Dartmouth campus.

FINANCIAL HEALTH

We have continued to address fiscal challenges. Strong progress continues on improving the unrestricted fund balance. 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 better 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 been adopted as a fiscal stabilizing strategy.

2009 ANNUAL INDICATORS AT A GLANCE**ACADEMIC QUALITY**

• Average HS GPA of Freshmen	3.06
• SAT Scores of Freshmen (average)	1057
• SAT Scores of Freshmen (25 th -75 th)	980 - 1140
• Average GPA of Transfers	3.02
• Percent Seniors Rating Educational Experience “Good” or “Excellent”	87%
• Number of Doctorates Awarded	2
• Postdoctoral Appointees	13
• Sponsored Research Expenditures	\$20.93M
• Sponsored Research per Faculty	\$66,853
• Federal Research Support	\$13.09M
• Patent Applications	4
• License Income	\$20,150
• New Tenured/Tenure-Track Faculty Hired	19
• Change in Tenured/Tenure-Track Faculty	- 9
• Change in Faculty FTE	+ 3
• Faculty Awards	0
• National Academy Members	0

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	22%
• Percent of Need Met for In-State Students Awarded Need-Based Aid	91%
• Percent Undergraduates Who Live in MA	96%
• Enrollments in Online Courses	1,966
• Annual Growth in Online Course Enrollments	16.2%

STUDENT SUCCESS AND SATISFACTION

• Percent Undergraduates Students of Color	13.6%
• Percent Undergraduates First Generation in College	26%
• Percent Undergraduates with English as a Second Language	5%
• Percent Undergraduates who are International	0.4%
• Number of Undergraduates who Participated in a Study Abroad Program	110
• Freshman One-Year Retention Rate	75%
• Freshman Six-Year Graduation Rate	46%
• Transfer One-Year Retention Rate	75%
• Transfer Four-Year Graduation Rate	60%

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM programs	1,733 (19%)
• Degrees Awarded in STEM fields	266 (18%)

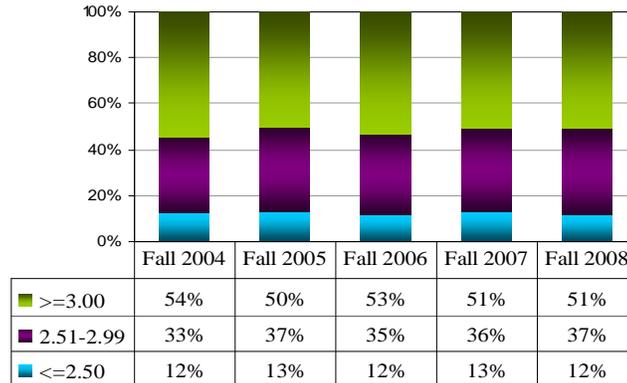
FINANCIAL HEALTH

• Endowment Assets	\$24,38M
• Annual Growth in Endowment Assets	4%
• Endowment Per Student	\$3,042
• Private Funds Raised Annually	\$6,39M
• Return on Net Assets	1.93%
• Financial Cushion	- 1.7%
• Debt Service to Operations	8.2%
• Deferred Maintenance per GSF	\$60

ACADEMIC QUALITY

High School GPA of Freshmen

Our GPA quality levels have held steady at slightly over 3.0. At this level, 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 95 students who have entered by our long-standing and well-recognized access program, College Now.



High School GPA	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
Average	3.08	3.03	3.05	3.04	3.06

SAT Scores of Freshmen

At this level, UMass Dartmouth is succeeding in its goal of maintaining a strong student quality profile while also fostering access. These statistics include the 95 students who have entered by our long-standing and well-recognized access program, College Now.

SAT Scores	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Peers
75th percentile	1140	1150	1130	1140	1140	1171
25th percentile	980	990	970	980	980	979
Average	1058	1064	1046	1058	1057	1061

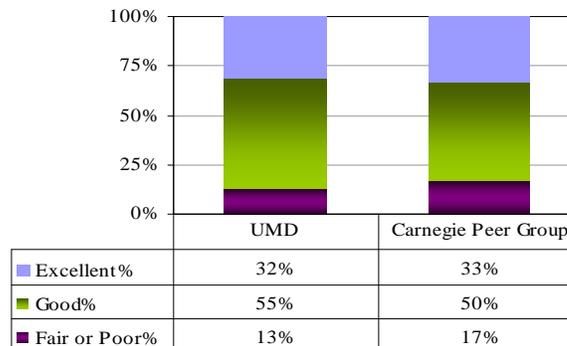
Average GPA of Entering Transfer Students

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
UMD	3.02

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 29 PhD degrees. The year 2009 will have at least six, including our first in Biomedical Engineering and Technology and Marine Sciences and Technology. In five years our goal is to graduate 20 per year.

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

Postdoctoral Appointees

UMass Dartmouth faculty mentor recent PhDs with science and engineering degrees who wish to receive advanced research training.

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

Research and Development Expenditures

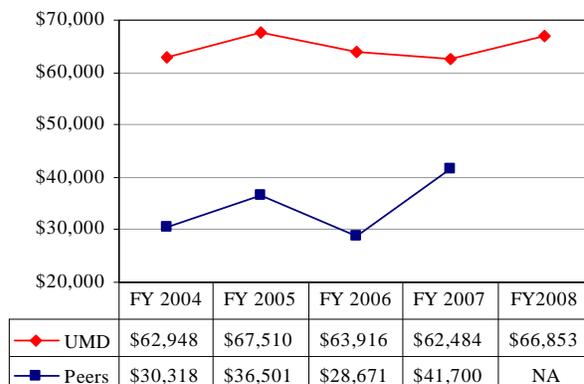
After a dramatic five year trend of increase in this indicator, UMass Dartmouth has been experiencing a leveling off period. Some large grants have ended and our relatively new faculty are still moving towards their greatest productivity; we anticipate growth in the number of grant proposal submissions. As seen below, Federal R&D continues to expand.

<i>R&D</i>	<i>Total R&D Value (in Millions)</i>				
<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>	
\$18.758	\$21.131	\$20.389	\$20.120	\$20.925	

Research and Development per Faculty

We are still considerably ahead of our peers in this indicator; FY 2007 is the latest year for which peer comparisons are available. Aspirant peers are included in the peer data.

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.



Federal Research Support

The federally funded portion of overall R&D activity reflects a growth of over 35%, from 2004 to the present. We are considerably ahead of our peers in this indicator; FY 2007 is the latest year for which peer comparisons are available. The institution thus continues to expand its involvement in meeting national priorities through research and development, in an increasingly competitive grants environment.

<i>Federal R&D (in Millions)</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>
<i>UMD</i>	\$9.537	\$10.190	\$9.515	\$11.456	\$13.087
<i>Peers</i>	\$5.055	\$5.364	\$5.177	\$7.655	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 these to grow.

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

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. This is the first license income for the Dartmouth campus and reflects the reorganization of the Dartmouth CVIP function. We expect it to grow.

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

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>	<i>AY 2005-06</i>	<i>AY 2006-07</i>	<i>AY2007-08</i>	<i>AY2008-09</i>
<i>UMD</i>	25	13	12	19

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 flat profile, during a period of enrollment growth.

<i>Change in Ten/Trk Faculty</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>1-year Change</i>
<i>UMD</i>	313	319	322	313	-2.8%

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. These moderate increases have permitted us to cover instructional needs in a period of enrollment growth.

<i>Change in Faculty FTE</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>1-year Change</i>
<i>UMD</i>	427	434	449	452	0.7%

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. UMass Dartmouth faculty have achieved some of these awards in the past, including NEH and Fulbright awards.

<i>Awards</i>	<i>2007</i>
<i>UMD</i>	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 a level proportion of these students among our growing frosh entering classes. 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>UMD</i>	23%	21%	22%	22%

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.

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

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>Number</i>	7,633
<i>Percent</i>	96%

Enrollments in Online Courses

Measured here are registrations in courses that are fully online or that are blended with online instruction supplemented by some face-to-face sessions.

<i>Online Course Enrollments</i>	<i>AY 2008</i>
<i>UMD</i>	1,966

Annual Growth in Online Course Enrollments

Online instruction is still small at Dartmouth. We are launching a number of new programs through UMass Online this Spring and more are planned next year.

<i>Annual Growth in Online</i>	<i>AY 2008</i>
<i>UMD</i>	16.2%

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).

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

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.

<i>1st Generation College-Going Undergraduates</i>	<i>Fall 2008</i>
<i># 1st Generation Seniors (Parents HS only)</i>	356
<i>Percent of Total</i>	30%
<i># 1st Generation Freshmen (Parents HS only)</i>	367
<i>Percent of Total</i>	26%

Freshman students show the *access* we provide to a college education. Neither parent of 26% of our frosh, or 367, has gone beyond high school; also, neither parent of an additional 15% has completed a four-year degree.

Percent Undergraduates with English as a Second Language

Five percent of our new freshmen for 2008 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>Number</i>	71
<i>Percent</i>	5%

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>Number</i>	33
<i>Percent</i>	0.4%

Number Undergraduates who Participated in a Study Abroad Program

We are approaching having 2% of our undergraduates doing 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.

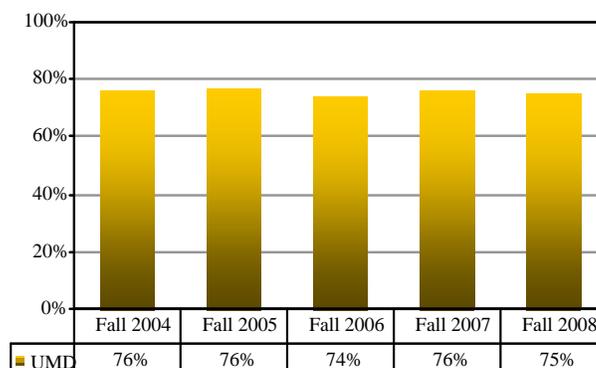
<i>Study Abroad (UG's)</i>	<i>Fall 06 - Summer 07</i>
<i>Number</i>	110

Freshman One-Year Retention Rate

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 78% on this measure.

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

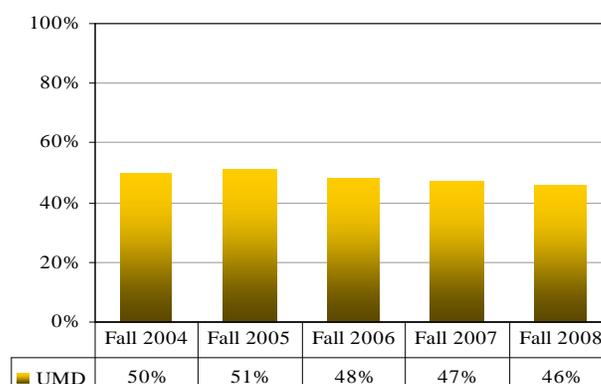


2-year average from US News 2008 Edition (Fall 2007): Comparative Peers 78%.

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.



3-year average from US News 2008 Edition (Fall 2007): Comparative Peers 56%.

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 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>
<i>Percent</i>	76%	74%	77%	74%	75%

Transfer Four-Year Graduation Rate

This indicator shows that 60% percent of the full-time upper division transfer students who entered in Fall 2004 (158 students) with 60 or more credits had completed their program by Fall 2008; others are still working on their UMass Dartmouth degree, had transferred to another school, or stopped out. Although the total number of students in the full-time group is small, the decline in this indicator is a matter of concern and we are studying it.

<i>Transfer Graduation</i>	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>
<i>Percent</i>	77%	79%	71%	64%	60%

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 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>
<i>Total Enrollment</i>	7,619	7,949	8,242	9,080	9,155
<i>STEM Enrollment</i>	1,630	1,609	1,676	1,784	1,733
<i>% STEM Enrollment</i>	21%	20%	20%	20%	19%

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. We are pleased to have achieved some recovery from last year's lowered percentage.

STEM Degrees	<i>2003-04</i>	<i>2004-05</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>
<i>Total Degrees/Certif. Awarded</i>	1,273	1,302	1,406	1,438	1,492
<i>STEM Degrees/Certif. Awarded</i>	269	245	251	232	266
<i>% STEM Deg./ Certif. Awarded</i>	21%	19%	18%	16%	18%

FINANCIAL HEALTH

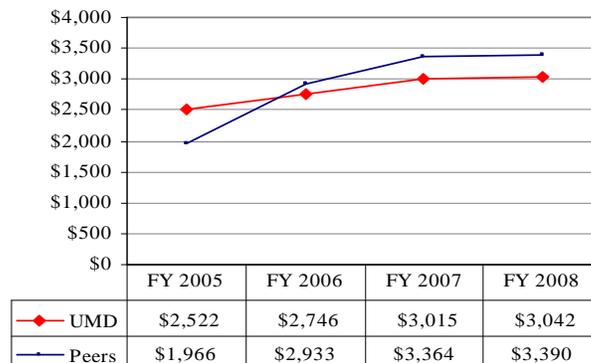
Endowment Assets and Annual Growth in Endowment

With additional funds allocated to fundraising, the campus anticipates continued endowment growth.

Endowment	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>
<i>(in Millions)</i>	\$18,267	\$20,815	\$23,444	\$24,376
<i>Annual Growth</i>	24%	14%	13%	4%

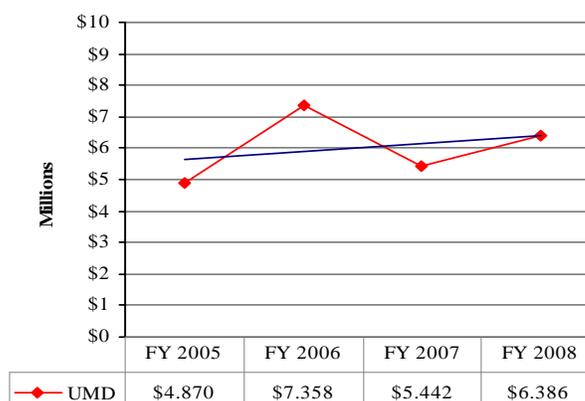
Endowment per Student

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. Although the absolute value of the endowment increased, growth in this indicator is lessened due to enrollment increases. The total endowment of \$23,476,000 in FY 2008 is projected to continue to grow with a significant 2009 gift of \$3,500,000 already deposited. The total endowment has more than tripled since the FY 1998 figure of \$7,293,000.



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 2010 and beyond. This can be attributed to the investment the campus has made and will continue to make around institutional advancement. In 2006, 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
UMD	5.89%	6.59%	3.42%	1.93%
Peers	NA	3.65%	6.60%	4.10%

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 achieved cash equilibrium in FY 2002 and anticipates that the cash balance will increase each year. The campus will continue to build net assets to bring the financial cushion to a positive number.

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

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
UMD	5.4%	6.9%	6.7%	8.2%
Peers	3.2%	4.1%	5.8%	6.0%

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
UMD	\$60

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 2008 which includes September 2007, January 2008, and May 2008 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.

License Income. Amount of annual income from license agreements.

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 of instruction from one fall semester to the next. Not included are individuals whose primary responsibility is administrative, teaching assistants, and continuing education instructors. Faculty FTE is calculated as full-time faculty headcount and part-time faculty headcount divided by three.

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.

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.

Enrollments in Online Courses. Enrollments for the academic year for online or blended credit courses. Academic year includes summer, fall, intersession, and spring.

Annual Growth in Online Course Enrollments. Percent of growth of online or blended credit course enrollments from previous academic year.

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.

Frosh data are from Cooperative Institutional Research Program (CIRP) Freshmen Survey 2008 and data for seniors are from NSSE 2008.

Percent Undergraduates with English as a Second Language.

Data are from Cooperative Institutional Research Program (CIRP) Freshmen Survey 2008.

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 2006 through Summer 2007.

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 from U.S. News and represent 2-year averages.

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 are from US News and represent 3-year averages.

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*

HEADLINES FROM THE 2009 ANNUAL INDICATORS

ACADEMIC QUALITY

Every program in UMass Lowell's colleges/schools, for which a national professional accreditation agency exists, is accredited by that agency. The average SAT score of incoming students remains high, with an average combined score of 1071.

Externally sponsored research per faculty is important to Lowell both as one measure of faculty scholarship and as a measure of assisting innovation in the regional economy. Research expenditures continue to increase. Lowell expends in research an average of \$65,140 per faculty FTE, up 3.6% from the previous year. Lowell has established the target of \$90,000 per faculty in research expenditures.

ACCESS AND AFFORDABILITY

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

Forty-eight percent of full-time undergraduate students demonstrate financial need. For them, on average, 95% of their need is met. Approximately one in five (19.5%) of Lowell's full time undergraduate students receive Pell grants. By providing financial need assistance and by increasing the amounts of merit awards for new freshmen and grants for transfer students, UMass Lowell will not only maintain affordability, it will improve on accessibility.

STUDENT SUCCESS AND SATISFACTION

Lowell's one-year retention rate has increased by 4% this year. Our six-year graduation rate for new freshmen increased to 51%. Lowell's transfer student graduation rate also increased significantly this year, 4%. This success is reflected in the fact that almost half of bachelors awarded annually go to transfers.

Lowell students are very satisfied with their academic experiences. Eighty-two percent of the seniors rate this experience as "good" or "excellent." Taking into consideration those students who would also "start it

over" at UML, then, 76% rated their academic experience at Lowell as "good/excellent" and also said they would "start it over" again at UML. High satisfaction, indeed.

SERVICE TO THE COMMONWEALTH

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

Lowell supports a strong K-12 system in the region through literally scores of partnerships and programs. Lowell's Division of Continuing Studies and Corporate Education (CSCE) provides high quality professional studies in innovative formats including campus-based classes, online education and customized corporate training. Numerous CSCE programs serve various economic sectors, partnering with companies to deliver customized education and training programs for their employees, many of which are delivered on-site. The result is continued significant growth in the number of online course enrollments at Lowell. This year that increase was 25% over last year. For the second consecutive year, online enrollments exceeded 20% growth. Further, the total CSCE enrollment, which includes online enrollments, increased to 20,752, an increase of 9% from last year.

FINANCIAL HEALTH

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

Private funds raised annually increased by 47% over last year. Return on Net Assets is 14.6%, an eight-fold increase over last year. This increase is mostly due to the successes in the Divisions of CSCE and Residence Life and in Research Indirect recovery costs. As a result of the increases in these areas, Lowell's financial cushion is 8%.

2009 ANNUAL INDICATORS AT A GLANCE**ACADEMIC QUALITY**

• Average HS GPA of First-Time Freshmen	3.18
• Average SAT Score of First-Time Freshmen	1071
• Total Research Expenditures	\$32.96M
• Research Expenditures Per Faculty FTE ¹	\$65,140
• Number of Patent Applications	16
• License Income	\$484,000
• New Tenure/Tenure-Track Faculty Hired	15
• Change in Total Faculty FTE	- 8
• Faculty Awards	2

ACCESS AND AFFORDABILITY

• % In-State Pell Grant Recipients	20%
• % of Need Met for In-State Students Awarded Need-Based Aid	94%
• % of Undergraduates who are Students of Color	23%
• % of Undergraduates who are first generation in College ²	21%
• Percent of Undergraduates from MA	86%
• Online Course Enrollments	12,038
• Rate of Growth in Online Course Enrollments	25%
• Annual Course Enrollments in Corporate Education and Training	25,752

STUDENT SUCCESS AND SATISFACTION

• Freshman One-Year Retention Rate	79%
• Freshman Six-Year Graduation Rate	51%
• Transfer One-Year Retention Rate	78%
• Transfer Four-Year Graduation Rate	70%
• Students rating their experience as either “excellent” or “good”	82%

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM Programs	32%
• Degrees Awarded in STEM Fields	33%

FINANCIAL HEALTH

• Total Endowment	\$29.98M
• Annual Growth In Endowment	- 8%
• Endowment Per Student	\$3,206
• Private Funds Raised Annually	\$15.1M
• Return on Net Assets	14.6%
• Financial Cushion	8.3%
• Debt Service To Operations	3.9%
• Deferred Maintenance per GSF	\$77

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 seventh consecutive year, 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 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
≥ 3.00	54%	57%	57%	60%	62%
2.51 - 2.99	38%	37%	37%	35%	32%
≤ 2.50	8%	6%	6%	5%	6%
<i>Average</i>	3.09	3.14	3.14	3.16	3.18

SAT Scores of First-Time Freshmen

Lowell has maintained the same average SAT scores for the past three years. This year UML has established a new set of peers. Five of the eight are reported here, three were converted from ACT into SAT.

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Peers Fall 2008
75th Percentile	1170	1170	1160	1160	1160	1196
25th Percentile	1010	1010	980	1000	970	968
<i>Average</i>	1091	1094	1070	1083	1071	1080

Average GPA of Entering Transfer Students

Entering transfer GPA is reported by admissions as used in their admissions decision. At UML, this figure is the last college attended GPA. The trend of GPA for transfers increased from 2004 to 2006. It remains steady through 2008.

<i>Average Transfer GPA</i>	2004	2005	2006	2007	2008
<i>UML</i>	2.74	2.84	3.05	3.00	2.99

Student Satisfaction with Major

Using NSSE, 134 seniors who began as freshmen rated their educational experience. Of them, 82% rated their experience as either excellent (33%) or good (49%).

<i>Entire educational experience (UML)</i>	2008
<i>Good or Excellent</i>	82%

However, among them 6% said they would "definitely/probably not" start it over again at UML. This suggests then that only 76% were satisfied with their educational experience at UML.

Number of Doctorates Awarded

The number of doctoral degrees Lowell awards annually continues to compare very favorably with our peers and peer aspirants.

	2003-04	2004-05	2005-06	2006-07	2007-08
<i>UML</i>	96	72	93	112	67

Postdoctoral Appointees

For 2008-09, Lowell had 30 post-doctorate research appointments that were grant funded. An additional two positions were appointed but were not grant funded. Therefore, the total of post-doctorate appointments is 32.

<i>Post-Docs</i>	2008
<i>UML</i>	30

Research Expenditures

Total R&D expenditures as reported to National Science Foundation. Peer average includes peer aspirants and is skewed by western states' large agricultural expenditures.

Total Research and Development Expenditures (in thousands)

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
<i>UML</i>	\$22,163	\$23,852	\$27,635	\$34,824	\$36,486
<i>Peers</i>	\$54,919	\$59,220	\$68,801	\$77,687	

Faculty are total tenure-system instructional faculty in the fall semester of each fiscal year as reported to the National Center for Educational Statistics, IPEDS data collection.

Total Research and Development Expenditures per Faculty

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
<i>UML</i>	\$61,393	\$62,277	\$68,235	\$85,773	\$91,444
<i>Peers</i>	\$111,201	\$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.

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
<i>UML</i>	5	9	11	17	16

License Income

As with FY 2007, the FY 2008 yearly result reflects the unpredictability of revenue during the period between the initial signing fees and license royalty generating period.

Total License Income (in thousands)

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
<i>UML</i>	\$72	\$338	\$309	\$143	\$484

New Tenured/Tenure-Track Faculty Hired

The increase in number of full-time newly tenured/tenure track faculty from Fall 2007 to Fall 2008 reflects progress in reaching Lowell's "target" faculty size, especially in the Fine Arts, Humanities, Social Sciences, and Mathematics, as well as additional hires in Nanotechnology and Health & Environment.

	<i>AY 2006-07</i>	<i>AY 2007-08</i>	<i>AY 2008-09</i>
<i>UML</i>	25	11	15

Change in Tenured/Tenure-Track Faculty

The decline in Tenure/Tenure track full time reflects the decrease in full-time faculty. UML remains committed to rebuilding the faculty as evidenced by the total number of new Tenure/Tenure track faculty (above) hired during the past three years.

	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>1-year Change</i>
<i>UML</i>	383	405	406	399	-7

Change in Faculty FTE

State-supported faculty FTE reflects visiting faculty and lecturers as well as full-time tenured and tenure track faculty. The decrease reflects the decrease in total faculty, including full-time faculty.

	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>1-year Change</i>
<i>UML</i>	472	492	503	495	-8

Faculty Awards

A new academic indicator, the number Faculty Awards as reported to the NSF. Obtained from the Arizona Center for Measuring University Performance. The most recent data is for 2007. All peers reported this data.

<i>Faculty Awards</i>	<i>2007</i>
<i>UML</i>	2

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
<i>UML</i>	18%	17%	17%	20%
<i>In-State</i>	21%	22%	21%	20%

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

UML remains committed to affordability and compares extremely favorably against our peers. The percent of students reporting need is 51%. Of them, 83% received a need-based grant or scholarships in addition to other financial assistance. Source: CDS item H-2, for full-time undergraduate students.

<i>Percent Need Met</i>	2004-05	2005-06	2006-07	2007-08	2008-09
	97%	93%	93%	93%	95%
<i>Peers</i>				61%	57%
<i>Former Peers</i>	70%	63%	65%		

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

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

Percent Undergraduates from Massachusetts

Massachusetts residents comprise the majority of UML undergraduate students, Day and CSCE combined. Approximately five out of every six students is from MA. This percentage is significantly higher for the Day program, 91.8% (11 out of 12), than the CSCE program, 67.7%.

<i>Percent UGs from MA</i>	Fall 2008
<i>UML</i>	85.9%

Online Course Enrollments

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 Courses</i>	AY 2004	AY 2005	AY 2006	AY 2007	AY 2008
<i>Enrollment</i>	6,706	7,300	7,848	9,618	12,038

Annual Growth in Online Course Enrollments

UML made significant push to expanding the programs and courses offered online as is evident in the growth during AY 2007, a push that continues into AY 2008.

<i>Online Growth</i>	AY 2004	AY 2005	AY 2006	AY 2007	AY 2008
<i>Increase from prior year</i>	8%	9%	8%	23%	25%

Enrollments in Continuing Studies, Corporate & Distance Ed.

Continuing/Corporate Education runs courses twelve months a year in all formats--on-campus, off-campus, online--and regularly maintains one of the highest levels of course registrations in New England. UML continues to significantly grow this enrollment.

	<i>AY 2004</i>	<i>AY 2005</i>	<i>AY 2006</i>	<i>AY 2007</i>	<i>AY 2008</i>
<i>UML</i>	17,328	14,551	16,316	18,835	20,752

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduate who are Students of Color

UML's proportion of US students of color, especially those of Asian and Hispanic origin, increasingly reflects the area's demographics. According to July 2007 census estimates, students of color in Middlesex County were at 19%.

	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>
<i>Number</i>	1,012	1,309	1,438	1,520	1,796
<i>Percent</i>	21%	21%	21%	23%	23%

UML is doing well attracting students of color. Even so, the immediate Lowell population was 38% students of color as of the 2000 census.

Percent Undergraduates who are First Generation in College

An estimate for the percentage of seniors reporting as being first generation college students is 16% (22/134). For freshmen, that percentage is 26% (36/138). Their combined percentage is reported here. The total number of first generation students is not reported since there only 272 respondents (138 freshmen and 134 seniors) to the NSSE survey from which this data was extracted.

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

Percent Undergraduates who are International

The figure provided here indicates the self-reported international students matching the figures on race/ethnicity already provided to the UMPO.

<i>Int'l (UG's)</i>	<i>Fall 2008</i>
<i>Number</i>	69
<i>Percent</i>	0.9%

UML further believes the importance of including graduate level international students as more indicative of efforts. Including graduate students, UML has a total of 363 International students; 2.9% of the entire student body.

Number Undergraduates who Participated in a Study Abroad Program

Data reported is from the IIE Open Doors survey completed by the advising office. This will fall short of all students who engage in study abroad as not all do so for credit and would not go through the advising office. Nor would all for-credit, study abroad students necessarily go through the UML advising office.

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

Freshman One-Year Retention Rate

After remaining relatively stable over the previous five-year period, UML's retention rate increased 4%. A number of coordinated efforts have been launched to promote the persistence of more first-time freshmen at UMass Lowell.

	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>
<i>UML</i>	76%	74%	76%	75%	79%
<i>Peers</i>	78%	78%	78%	79%	78%

For 2008, seven of eight new peers are included in the figure reported.

Freshman Six-Year Graduation Rate

After four years of remaining steadily in the mid-40% range, the six-year graduation rate increased to 51%. The cohort reported for Fall 2008 is the Fall 2002 freshman cohort.

	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>
<i>UML</i>	46%	46%	46%	44%	51%
<i>Peers</i>	50%	51%	50%	51%	52%

One-Year Retention Rate for Full-time Transfers

Transfers make up a substantial proportion of Lowell's new student pool. The one-year retention rate has increased by 4% for the second year in a row.

	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>
<i>Transfer One-Year Retention Rate</i>	68%	72%	70%	74%	78%

Four-Year Graduation Rate for Upper Level Transfers

UML maintains a high completion rate for upper level transfers.

Transfers constitute roughly half of all UML bachelors recipients and are therefore proportionally significant among our alumni. Over a four-year span, upper level transfers are seen to be more successful in their rate of graduation.

	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>
<i>Upper Level Transfer 4-yr Graduation Rate</i>	70%	73%	69%	70%	70%

SERVICE TO THE COMMONWEALTH

Enrollment in STEM Programs

In recognition of the importance of retaining students in undergraduate and graduate degree programs in science, technology, engineering, and mathematics (STEM) fields, the federal government recently established the National SMART Grant Program. Almost one-third of UML's degree students are in STEM designated programs.

Additionally, six students were in minors or had second majors that were STEM programs (not included here).

	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
<i>Total Enrollment</i>	11,089	10,666	11,208	11,635	12,471
<i>STEM Enrollment</i>	2555	3032	3093	3406	4004
<i>% STEM Enrollment</i>	23%	28%	28%	29%	32%

Degrees Awarded in STEM Fields

Almost a third of Lowell's awards are in STEM fields. (Degree awards correlate with enrollment and transfer patterns from the prior three to seven years). While not eligible for the SMART Grant Program which require three years' education, UML's wide variety of undergraduate and graduate certificate programs serve to lead students into STEM careers.

	2003-04	2004-05	2005-06	2006-07	2007-08
<i>Degrees/Cert Awarded</i>	2,244	2,126	2,067	2,170	1,961
<i>STEM Degrees/Cert</i>	971	795	783	697	653
<i>% STEM Degrees/Cert</i>	43%	37%	38%	32%	33%

FINANCIAL HEALTH

Total Endowment and Annual Growth in Endowment

(In thousands)

The FY 2008 total endowment amount decreased by \$2.45M. In FY 2008, the endowment decreased 8%.

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
<i>UML total</i>	\$19,289	\$23,268	\$25,949	\$32,431	\$29,977
<i>Annual Growth</i>	16%	21%	12%	25%	-8%

Endowment per Student

New peers were established for UML beginning in FY2009. The source for peers data is the Arizona Center for Measuring University Performance which captures NSF data.

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
<i>Per FTE</i>	\$2,180	\$2,719	\$3,071	\$3,726	\$3,206
<i>Peer avg</i>	\$9,165	\$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 2008 peers data not yet available.

Private Funds Raised Annually

In FY 2008, the private funds raised annually included \$9.4M of cash and grants, \$1.2M for gifts in kind and \$4.5M for future pledges. For FY 2004-07, gifts of cash and grants were \$5.8M, \$7.0M, \$6.2M and \$7.3M respectively.

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
<i>UML</i>	\$7.2 M	\$8.4 M	\$7.4 M	\$10.3 M	\$15.1 M

Return on Net Assets

The FY 2008 Return on Net Assets is a positive 14.6% due to both an increase in campus net assets (specifically in Continuing Studies / Corporate Education, Residence Life and Research Indirect Cost Recovery) and external adjustments including an allocation of the stabilization fund from the President's Office and an increase in the Building Authority's net assets.

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

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

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

Financial Cushion

The FY 2008 Financial Cushion, which measures available unrestricted resources, increased to 8.3% due to the increase in campus net assets as discussed above. Efforts to grow revenues and control expenditures are being implemented each year to stimulate and maintain continued growth.

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
<i>UML</i>	8.2%	5.0%	4.8%	5.0%	8.3%
<i>Peers</i>	17.5%	15.7%	15.3%	17.5%	17.1%

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

Debt Service to Operations

The FY 2008 Debt Service to Operations ratio decreased to 3.9%. Total debt service in FY08 (\$9.0M) was comparably to FY 2007 (\$9.1M), but the ratio decreased due to operating expenditures increasing in FY 2008. In FY 2008, borrowings increased by \$44M which will result in FY 2009 debt payments increasing \$2.4M for these bonds. This increase will be offset by a \$1.2M decrease in debt service payments for borrowings from the University loan pool. As the Lowell campus continues to make improvements to existing buildings and strategic investments in new facilities, this ratio will increase. Capital improvements versus new debt is a balancing act that faces all of UMass. The bottom line rests with our ability to manage debt prudently so as not to exceed the ability of the operating budget to support. To date this campus has held this ratio under 5%.

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
<i>UML</i>	3.9%	3.6%	3.3%	4.2%	3.9%
<i>Peers</i>	3.2%	2.3%	2.6%	3.2%	3.1%

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

Deferred Maintenance per GSF

The FY 2008 Deferred Maintenance per GSF of \$77 represents the condition of campus facilities. 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.

	<i>FY 2008</i>
<i>UML</i>	<i>\$77</i>

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. 25th and 75th percentiles and mean SAT scores of all first-year students. ACT scores, used by most UML peers, have been converted to SAT using the ACT-SAT conversion table. Peer scores may differ in percentage reporting or because of the conversion from fixed ACT scores to SAT ranges.

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).

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

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 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. Individuals whose primary responsibility is administrative are not included.

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 AY 2007.

ACCESS AND AFFORDABILITY INDICATORS

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

Percentage need met for in-state students awarded need-based aid. The average percentage of demonstrated financial need that is met by the institution’s award of need-based financial aid to in-state undergraduate students. Data as reported by the Common Data Set and to the UMass President’s Office in the Financial Aid Template.

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 number of and percentage in increase in total annual online (distance education) course registrations.

Enrollments in corporate education and training. Total annual course registrations in the Division of Continuing, Corporate, Distance Education.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percentage of undergraduate students who are Students of Color. 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. For this year, the estimate is drawn from NSSE which was administered only to freshmen and senior students. In the future, this will be drawn from the CIRP administered to incoming Fall 2009 undergraduate students.

Percent of undergraduates with English as a Second Language. Percentage of undergraduates whose first language was not English. Not reported this year. This will

be obtained by administering the CIRP survey to incoming Fall 2009 undergraduate students.

Percent of 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.

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 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 Survey.

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 2009 ANNUAL INDICATORS

The Worcester campus has moved forward on a number of elements from 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 there are significant challenges to manage resources and planning efforts cost-effectively, especially in light of declining support in the state appropriation, campus leadership has instituted measures that preserve resources for human and infrastructure capital. Planning for meeting mission-critical needs is aggressive in light of budget forecasts.

While the national economic scene has impacted the campus, research funding increased slightly and planning for life sciences initiatives continues on track.

- **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 begins an important expansion; SOM graduates continue to rank the educational experience as highly satisfactory, and interest in the SOM remains especially high. The Graduate School of Nursing is moving forward with the new Doctorate of Nursing Practice degree program, and the Graduate School of Biomedical Sciences entering class is highly competitive, and continues to attract more applications than in previous years – in part attributable to the “halo effect” of the Nobel Prize. Recent achievements by GSBS students, including a Weintraub prize (the third in seven years) speak to the quality and competitiveness of the graduate student experience.

The quality of the faculty is reflected by the 15 awards of national and international distinction garnered during the past year. The 2008 Lasker Award to Professor Victor Ambros highlighted a year in which the faculty also included three National Academy members and five Howard Hughes Investigators and two Howard Hughes Early career investigators.

- **Research growth, productivity and faculty recruitment:** Research productivity is at significant levels across the departments, and research funding increased slightly, in part because of important new faculty recruitments – UMMS remains a highly sought after “destination” campus for researchers in the life sciences. New chairs with international reputations in Quantitative Health Sciences,

Neurology and Ophthalmology will shape critical clinical and translational research initiatives, and the university-wide Center for Clinical and Translational Science has begun its important work of linking scientific initiatives across the state. The campus is in an extremely advantageous position with regards to federal stimulus money intended for investment in life sciences and research infrastructure.

Fit out of the new Advanced Center for Clinical and Educational Science facility (ACCES) continues with the active participation of the clinical partner, UMass Memorial Health Care. Planning and design for the Albert Sherman Center is underway, with the engagement of an architect and project management firm, and the establishment of faculty, student and programmatic-based teams as a key part of the planning and design effort.

- 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; in the first year of the medical school class expansion, SOM students 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. An ambitious curriculum reform effort in the SOM has started to take shape.

Overall, the Worcester campus has in place a realistic and thoughtful plan for managing its potential for extraordinary growth and achievement, and remains focused on its critical priorities. As noted, as Massachusetts charts a course of investment in the life sciences even in a time of economic uncertainty, the Worcester campus must be poised to respond, while keeping close eye on core competencies and key mission-based endeavors.

2009 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average Biology MCAT Scores	11.00
• Licensure/Certification Pass Rates	
<i>USMLE Step 1</i>	99%
<i>USMLE Step 2 (2008)</i>	98%
<i>GSN State Certification</i>	100%
• % Students “Very Satisfied” With Quality of Their Medical Education	64%
• Doctorates Awarded	149
• Post-Doctoral Appointees	342
• Sponsored Research Total Dollars	\$178.61M
• Sponsored Research Per Faculty	\$178,614
• Federal Research Support Per Faculty	\$133,390
• NIH Funding For Medical Schools	\$113.4M
• Rank in US News (Primary Care)	7
• Patent Applications Per Year	58
• License Income Per Year	\$35.72M
• Licensing Income/AUTM Ranking	13
• New Tenured/Tenure-Track Faculty	7
• Change in Tenured/Tenure-Track Faculty	+13
• Change in Faculty FTE	+37
• Faculty Awards (2007)	15
• National Academy Awards (2007)	3

ACCESS AND AFFORDABILITY

• Tuition & Fees	\$14,238
Tuition & Fees (Including Adjust. for Learning Contract)	\$ 8,760

STUDENT SUCCESS AND SATISFACTION

• Match Rate/ Choice of Residency	98%
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SERVICE TO THE COMMONWEALTH

• Enrollment in STEM Programs	394
• Degrees Awarded in STEM Fields	49
• Service to State Agencies	\$304.49M

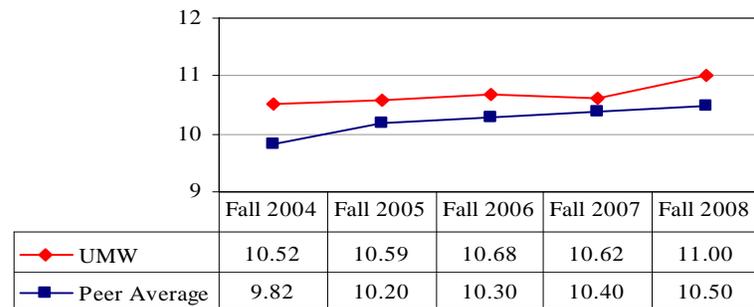
FINANCIAL HEALTH

• Total Endowment	\$115M
• Endowment Per Student	\$121,536
• Private Funds Raised Annually	\$4.9M
• Return on Net Assets	4.5%
• Financial Cushion	29.9%
• Debt Service to Operations	3.6%
• Deferred Maintenance per GSF	\$47

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.



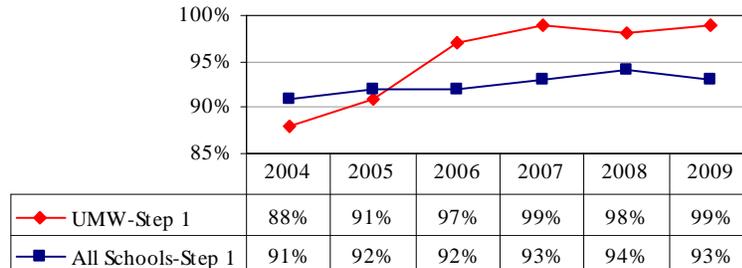
Peers Source: From AAMC Public Medical Schools Only

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.

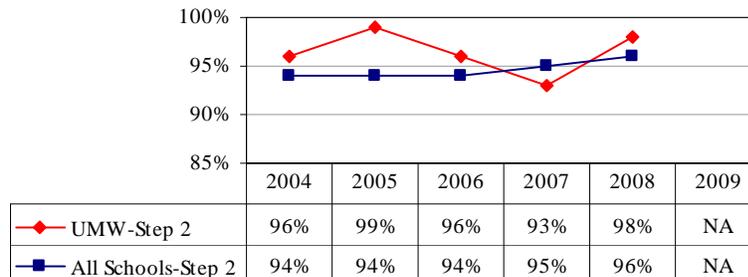
The Step One exam covers basic science information and is taken in most medical schools at the end of the second year; Step Two covers clinical science information and is usually taken during the fourth year.

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 2008 with Scores Reported Through Oct. 8



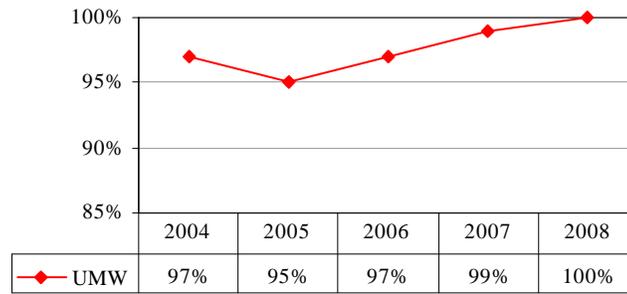
*Source - National Board of Medical Examiners: Performance of Examinees

Taking USMLE Step 2 for the First Time in the Academic Year July 2007 to June 2008

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

Pass Rates on Nursing Board Certification

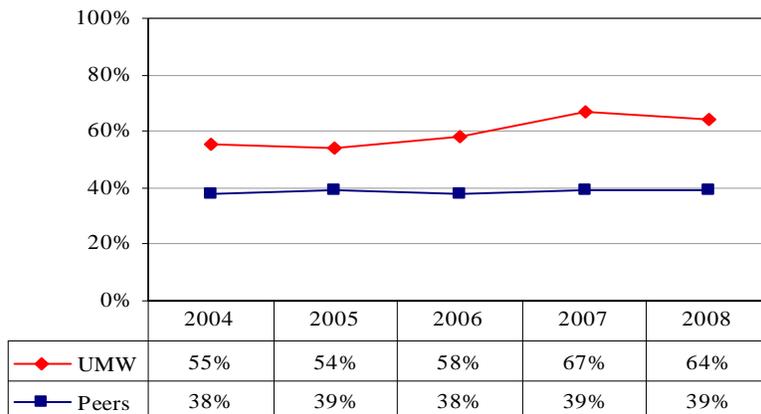
Nursing Board certification signifies advanced practice clinicians who have met requirements for clinical and functional practice in a specialized field, pursued education beyond basic preparation, and received the endorsement of their peers. After meeting these criteria, health care professionals take 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 149 doctorates awarded in 2008, there was a 21% increase over prior year completions as both enrollment and the number of PhD programs offered continue to expand.

	2008
UMW	149

Source: IPEDS Completions 2008-09

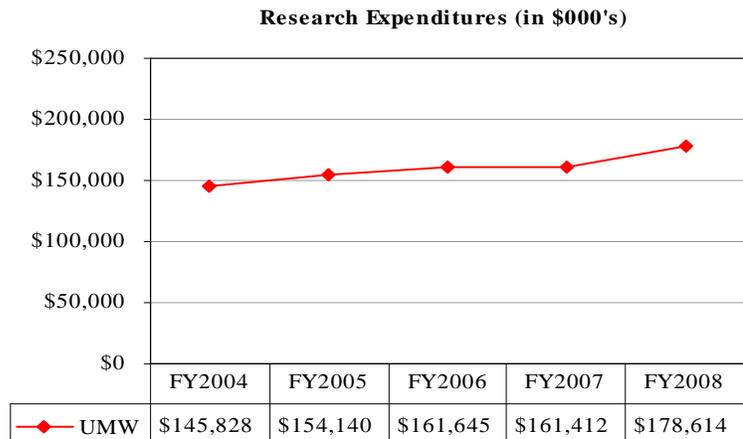
Post-Doctoral Appointees

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 2008 were at 342, an increase of 13 over the prior year.

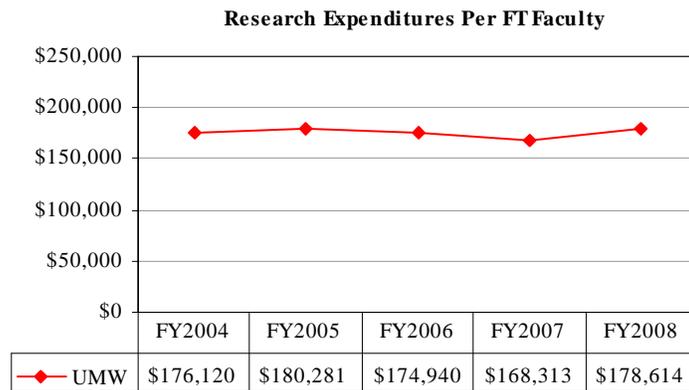
	2008
UMW	342

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.

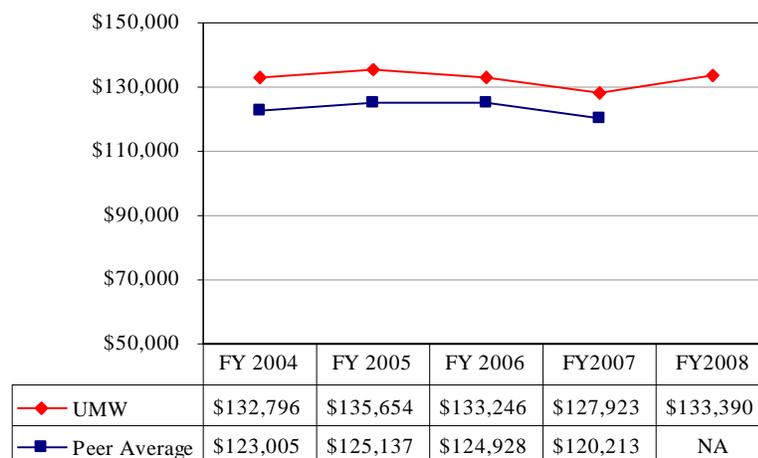


Source: NSF (TABLE 36. R&D expenditures at all universities and colleges with a medical school, All funds)



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.

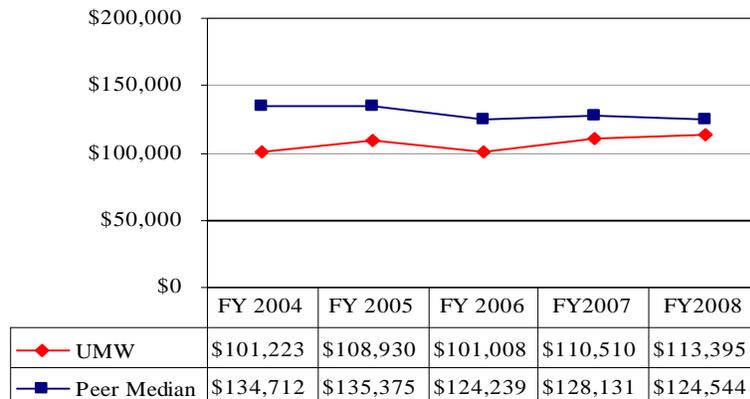


Source: AAMC Ad Hoc Report, 14 school peer list

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 145 schools, comprised of 125 medical schools and 20 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 2005	FY 2006	FY 2007	FY 2008	FY 2009
UMW Rank	4	4	11	13	7

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 2004 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 2004	FY 2005	FY 2006	FY 2007	FY 2008
UMW	151	93	66	58	58

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 2004	FY 2005	FY 2006	FY 2007	FY 2008
UMW	\$26,212	\$27,694	\$25,545	\$40,684	\$35,719

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 2007 is the most recent data available.

	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>
<i>UMW</i>	21	17	n/a	12	13
<i>Total</i>	231	220	n/a	157	157

* data for 2005 not available

New Tenured/Tenure-Track Faculty Hired

In FY 2008, UMMS hired seven new tenured/tenure-track faculty as the campus continues to recruit new faculty in support of the on-going growth of the research enterprise.

	<i>FY 2005</i>	<i>FY2006</i>	<i>FY 2007</i>	<i>FY 2008</i>
<i>UMW</i>	14	9	15	7

Change in Tenured/Tenure-Track Faculty

There were thirteen more tenured/tenure-track faculty in Fall 2008 than in Fall 2007. UMMS continues to grow its faculty in support of the on-going growth of the basic and translational research enterprises.

	<i>Fall 2006</i>	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>1-Year Change</i>
<i>UMW</i>	194	200	213	13

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. There were 37 more faculty FTE in Fall 2008 than in Fall 2007.

	<i>Fall 2007</i>	<i>Fall 2008</i>	<i>1-year Change</i>
<i>UMW</i>	968	1005	37

Faculty Awards

With 15 awards in 2007, Faculty Awards, as reported in The Top American Research Universities Annual Report has increased 36% over prior year. Peer data for medical schools separate from parent university not readily available.

	<i>2007</i>
<i>UMW</i>	15

Source: The Top American Research Universities, 2008 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.

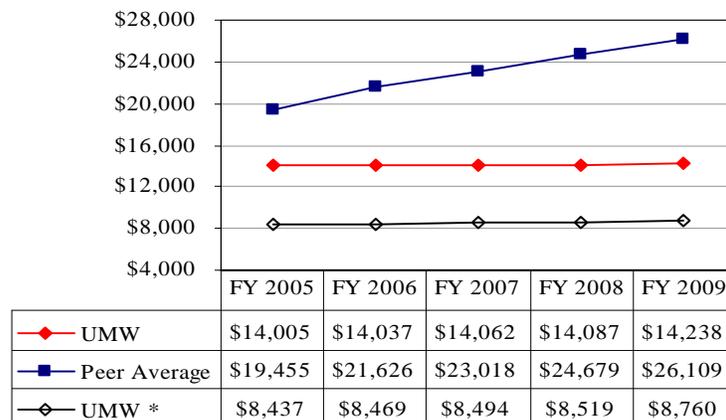
	2007
UMW	3

Source: The Top American Research Universities, 2008 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.

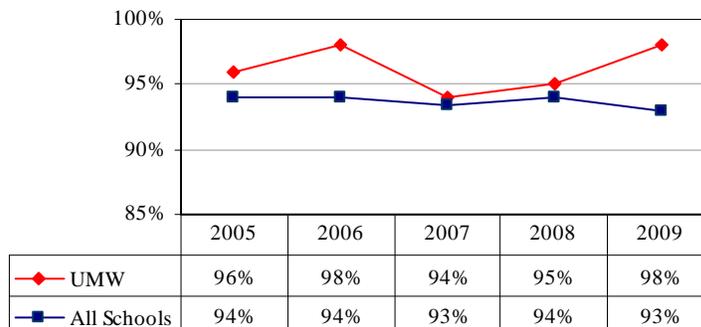


* UMW Tuition and Fees adjusted for learning contract
Peers Source: From AAMC, 14 school peer list

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 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
<i>Total Enrollment</i>	871	955	977	990	995
<i>STEM Enrollment</i>	325	368	354	370	394
<i>Percent STEM</i>	37%	39%	36%	37%	40%

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.

	2003-04	2004-05	2005-06	2006-07	2007-08
<i>Total Degrees/Cert.</i>	163	167	158	182	219
<i>STEM Degrees/Cert</i>	33	40	27	38	49
<i>Percent STEM</i>	20%	24%	17%	21%	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 2004	FY 2005	FY 2006	FY 2007	FY 2008
<i>UMW</i>	\$239,073	\$356,795	\$352,603	\$363,505	\$304,486
<i>Peer Average</i>	\$6,101	\$7,837	\$8,759	\$8,176	NA

* Peer 2008 number will be available in Spring 2009

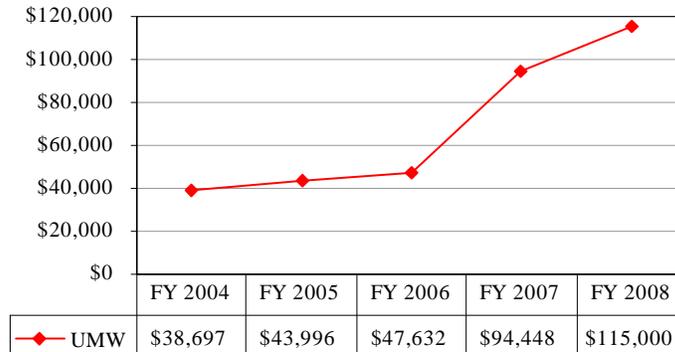
Peers Source: From AAMC, 14 school peer list

FINANCIAL HEALTH

Endowment Assets and Annual Growth in Endowment

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

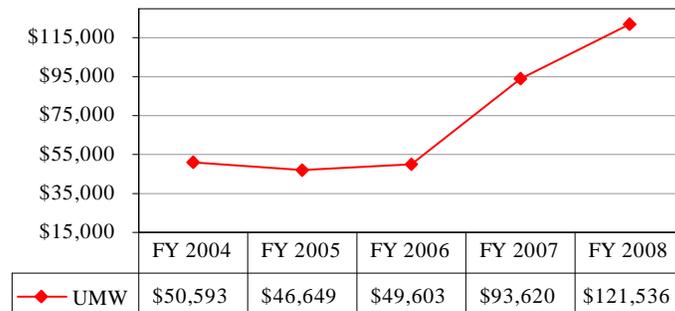
Total Endowment Dollars (in \$000's)



Annual Growth in Endowment

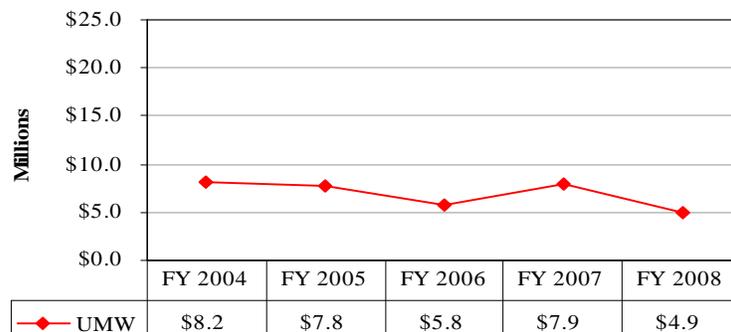
	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
UMW	0.27%	13.69%	8.26%	97.80%	21.76%

Endowment Per Student



Private Funds Raised Annually

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



Return on Net Assets

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

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

	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>
<i>UMW</i>	18.4%	22.1%	2.4%	15.3%	4.5%

Financial Cushion

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

	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>
<i>UMW</i>	31.4%	31.9%	27.8%	29.2%	29.9%

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 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007</i>	<i>FY 2008</i>
<i>UMW</i>	4.2%	2.3%	2.0%	2.2%	3.6%

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>UMW</i>	\$ 44

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 2008 which includes September 2007, January 2008, and May 2008 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.

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

License income. Annual amount of income from license agreements.

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 2008 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 2007		Fall 2006		Fall 2005	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	20,114	11,687	19,823	11,566	19,394	11,376
GRADUATE STUDENTS	5,759	183	5,770	140	5,699	153
	Calendar Year					
OFFENSE	2007		2006		2005	
MURDER / NON-NEGLIGENT MANSLAUGHTER	0		0		0	
NEGLIGENT MANSLAUGHTER	0		0		0	
SEX OFFENSES, FORCIBLE*	9		12		13	
SEX OFFENSES, NON-FORCIBLE	0		0		0	
ROBBERY	4		2		3	
AGGRAVATED ASSAULT	8		13		14	
BURGLARY	62		102		100	
MOTOR VEHICLE THEFT	6		6		4	
ARSON	1		3		3	
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	1		0		0	
LIQUOR LAW ARRESTS**	245		204		271	
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	736		1009		836	
DRUG LAW ARRESTS**	167		175		104	
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	11		13		5	
ILLEGAL WEAPONS POSSESSION ARRESTS	4		1		3	
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0		4		1	

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

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

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

**Clery Act Crime Statistics
UMass Boston**

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2007		Fall 2006		Fall 2005	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	10,008	0	9,246	0	8,958	0
GRADUATE STUDENTS	3,425	0	3,116	0	2,904	0
	Calendar Year					
OFFENSE	2007		2006		2005	
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		0		0	
AGGRAVATED ASSAULT	0		0		1	
BURGLARY	33		35		29	
MOTOR VEHICLE THEFT	0		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		1	
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0		0		0	
DRUG LAW ARRESTS	1		2		1	
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1		0		0	
ILLEGAL WEAPONS POSSESSION ARRESTS	0		0		0	
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1		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.

**Clery Act Crime Statistics
UMass Dartmouth**

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2007		Fall 2006		Fall 2005	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	7,927	4,115	7,626	4,115	7,519	3,893
GRADUATE STUDENTS	1,153	46	1,130	46	1,030	44
	Calendar Year					
OFFENSE	2007		2006		2005	
MURDER / NON-NEGLIGENT MANSLAUGHTER	0		0		0	
NEGLIGENT MANSLAUGHTER	0		0		0	
SEX OFFENSES, FORCIBLE	2		6		1	
SEX OFFENSES, NON-FORCIBLE	0		0		0	
ROBBERY	4		2		0	
AGGRAVATED ASSAULT	11		7		8	
BURGLARY	68		53		30	
MOTOR VEHICLE THEFT	0		5		2	
ARSON	1		0		1	
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0		0		0	
LIQUOR LAW ARRESTS	5		8		18	
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1273		614		1171	
DRUG LAW ARRESTS	3		11		6	
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	142		133		116	
ILLEGAL WEAPONS POSSESSION ARRESTS	1		1		2	
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	15		6		51	

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 2007		Fall 2006		Fall 2005	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	8,879	2,228	8,649	2,136	8,309	2,252
GRADUATE STUDENTS	2,756	20	2,559	29	2,357	15
	Calendar Year					
OFFENSE	2007		2006		2005	
MURDER / NON-NEGLIGENT MANSLAUGHTER	0		0		0	
NEGLIGENT MANSLAUGHTER	0		0		0	
SEX OFFENSES, FORCIBLE	4		1		2	
SEX OFFENSES, NON-FORCIBLE	4		0		0	
ROBBERY	5		1		0	
AGGRAVATED ASSAULT	10		14		1	
BURGLARY	47		32		25	
MOTOR VEHICLE THEFT	7		8		2	
ARSON	2		1		1	
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0		0		0	
LIQUOR LAW ARRESTS	21		6		13	
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	22		217		226	
DRUG LAW ARRESTS	16		29		24	
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	30		51		35	
ILLEGAL WEAPONS POSSESSION ARRESTS	4		4		5	
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	3		7		8	

* = 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 2007		Fall 2006		Fall 2005	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	0	0	0	0	0	0
GRADUATE STUDENTS	1,013	0	1,020	0	1,008	0
	Calendar Year					
OFFENSE	2007		2006		2005	
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	6		7		0	
MOTOR VEHICLE THEFT	2		0		4	
ARSON	0		0		0	
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0		0		0	
LIQUOR LAW ARRESTS	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.