

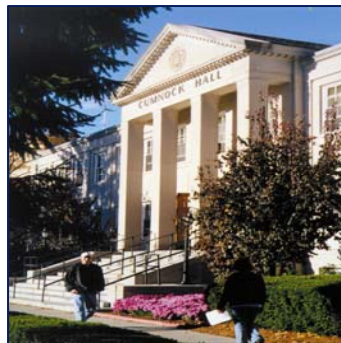
UNIVERSITY OF MASSACHUSETTS

Amherst • Boston • Dartmouth • Lowell • Worcester



2007 Report on Annual Indicators

University Performance Measurement System



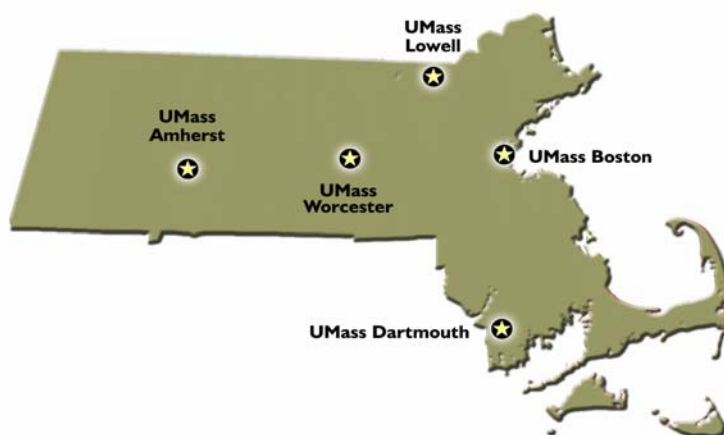
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2007 REPORT ON ANNUAL INDICATORS **University Performance Measurement System**

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THE 2007 REPORT ON ANNUAL INDICATORS

The 2007 Report on Annual Indicators is the tenth 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 5 areas are 9 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 Amherst campus, the peer group consists of the national universe of public and private research universities with at least \$20 million in federal research expenditures. For the Worcester campus, the peer group consists of the 76 public medical schools in the United States. For the Boston, Dartmouth, and Lowell 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 2007 Annual Indicators
- 2007 Annual Indicators at a Glance
- Data Tables and Charts
- Definitions and Sources

LEGISLATIVE PRIORITIES	UMASS STRATEGIC PRIORITIES	2007 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
		Licensure and Certification Pass Rates
		Satisfaction with Major/Education
		Number of Students Enrolled in For-Credit Internships
		Doctorates Awarded
		Postdoctoral Appointees
		Strengthen research and development
	Federal Research Support	
	Rank in Total R&D (NSF)	
	Sponsored Instruction/Outreach per Faculty	
	Rank in NIH Funding Among Medical Schools	
	US News Ranking in Primary Care Medicine	
	Patent Applications	
	License Income	
	Renew faculty	New Tenured/Tenure-Track Faculty Hired
		Change in Tenured/Tenure-Track Faculty
		Change in Faculty FTE
		Faculty Awards
	Access and Affordability	National Academy Members
		Tuition & Fees as % of Statewide Family Income
		% Pell Grant Recipients
		% of Need Met for Students Awarded Need-Based Aid
		Tuition & Fees with Learning Contract
		% UG's from Massachusetts
Online Course Enrollments		
Enrollments in Continuing/Corporate Education		

LEGISLATIVE PRIORITIES	UMASS STRATEGIC PRIORITIES	2007 ANNUAL INDICATORS		
STUDENT SUCCESS AND SATISFACTION	Diversity and positive climate	% UG's who are Students of Color		
		% UG's who are First Generation in College		
		% UG's who have English as Second Language		
		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	% Mass Residents Attending UMass
				In-State UG Enrollment by Region
UMass % of all Massachusetts Degrees				
% 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 and Endowment per Student
		Annual Growth in Endowment		
		Private Funds Raised Annually		
	Administrative and IT services	Return on Net Assets		
		Financial Cushion		
	Infra-structure	Campus Safety		
Debt Service to Operations				
		Total Deferred Maintenance Cost		

HEADLINES FROM THE 2007 ANNUAL INDICATORS

ACADEMIC QUALITY

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

UMass attracts highly qualified applicants. For Fall 2006, all the campuses received the highest number of undergraduate applications in the last ten years. On some campuses, the freshmen average SAT scores dropped reflecting a national trend, however, average high school GPA rose or remained stable.

❖ ***UMass students outperform state and national averages on professional exams.***

In most cases, the average UMass pass rates are better than the national or state averages for certification/licensure exams in fields such as education, medicine, and nursing.

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

In FY2006, the system generated \$404 million in sponsored research, an increase of 7% over FY2005.

❖ ***UMass Worcester is consistently ranked in the top 10% of medical schools with an emphasis in primary care.***

In the 2007 US News ranking, UMass Worcester ranked 11th among 144 medical schools with emphasis in primary care medicine.

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

In FY2006, license income for the system totaled \$27.2 million. UMass ranks in the top 20 of 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 (44.9%) and other New England public universities (14.5%).

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

Almost 9 of 10 (87%) 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 2005-06 course enrollments for UMassOnline were 22,682, a 23% increase over those for AY 2004-05.

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, 1 of 5 (22%) UMass undergraduates are Black, Asian, Hispanic or Native American (while 17% of Massachusetts public high school graduates who plan to attend 4-year colleges or universities are minorities). At UMass Boston, 42% of undergraduates are students of color, making it the most diverse public university with over 2,500 undergraduates in all of New England.

❖ ***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 2 of 3 (62%) 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 11,400 degrees and certificates in 2005-06, which is 14% of all undergraduate and graduates degrees awarded in the Commonwealth. The University's impact is particularly high in the following fields: computer & information sciences and health (bachelor's level), natural sciences, computer science and engineering (master's level) and education and business (doctoral level).

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

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

FINANCIAL HEALTH

❖ ***Endowment at more than \$260 million.***

The market value of the University's endowment grew 16.6% from FY2005 to FY2006.

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

In FY2006, the University's return on net assets, financial cushion and debt service to operations were all within the range of peer systems.

2007 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

- Research Expenditures \$404.0M
- License Income \$27.2M

ACCESS AND AFFORDABILITY

- Tuition & Fees as % of Family Income 12.4%
- % UG from Massachusetts 87%
- Online Course Enrollments 22,682
- Annual Growth in Online Course Enrollments 23%

STUDENT SUCCESS AND SATISFACTION

- % UG who are Students of Color 22%

SERVICE TO THE COMMONWEALTH

- Proportion of Mass Residents Attending Universities in MA enrolled in UMass 62%
- Enrollment of In-State Undergraduates by Region:
 - Greater Boston 33%
 - Northeastern Mass 25%
 - Southeastern Mass 20%
 - Central Mass 10%
 - Western Mass 12%
- Degrees awarded 11,463
- UMass % of all Massachusetts Degrees 13.5%
- % Graduates who Remain in MA 60%
- MTEL Science and Math Test-Takers 61

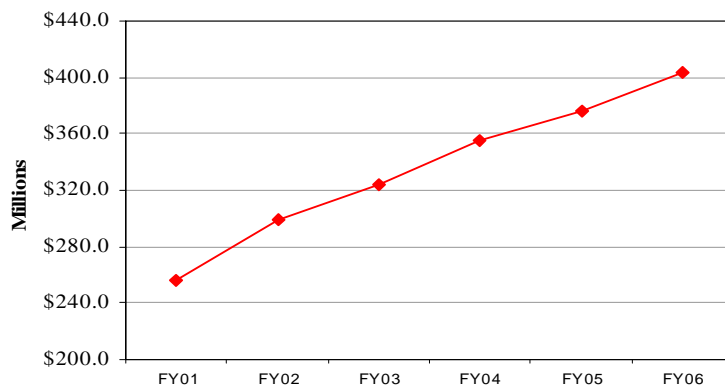
FINANCIAL HEALTH

- Endowment Assets \$260.2M
- Annual Growth in Endowment 16.6%
- Private Funds Raised Annually \$84.9M
- Return on Net Assets 7.8%
- Financial Cushion 18.3%
- Debt Service to Operations 3.6%
- Total Deferred Maintenance Cost \$2.6B
- Deferred Maintenance per GSF \$120.16

ACADEMIC QUALITY

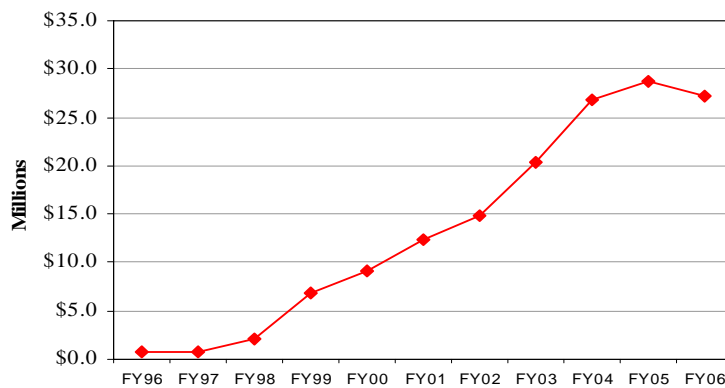
Research Expenditures

Research and development expenditures is an indicator of an institution's research capacity. At UMass, R&D expenditures continue to grow. For FY 2006, the amount was \$403.9 million. Most of the University's R&D expenditures are in the science and engineering fields. Between FY 2001 and FY 2006, R&D expenditures grew by 57%.



License Income

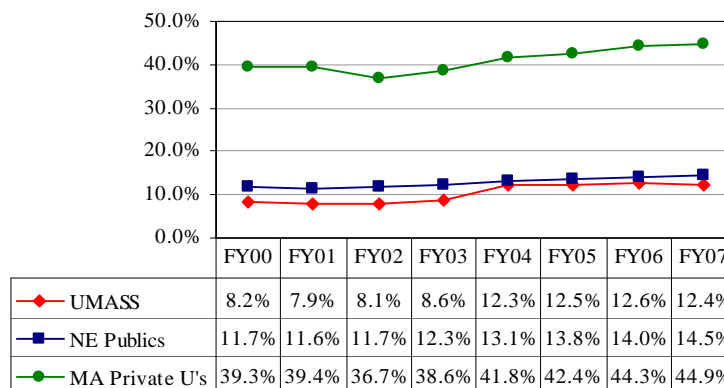
License income is a measure of the economic value of an institution's inventiveness and a contributor to the University's economic health. It is difficult to predict when or for what products or processes a license will begin to generate significant income. License income for UMass totaled \$27.18 million in FY2006. UMass ranks in the top 20 of US universities in terms of licensing income generated from its technology transfer operation.



ACCESS AND AFFORDABILITY

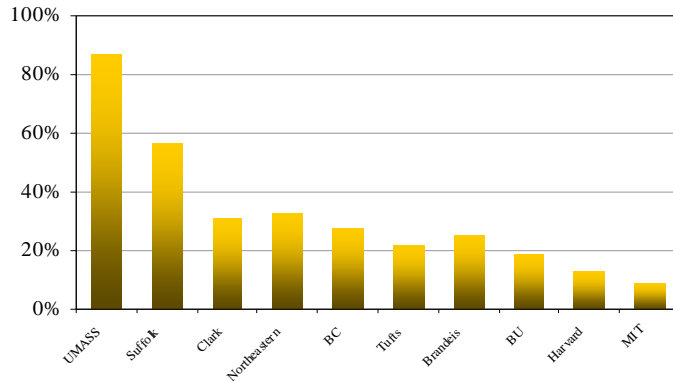
Tuition and Fees as a Percentage of Family Income

UMass average tuition and fees remain affordable relative to median family income. UMass tuition and fees average 12.4% of statewide median family income, compared with an average of 44.9% for the state's private universities and 14.5% for other New England public universities.



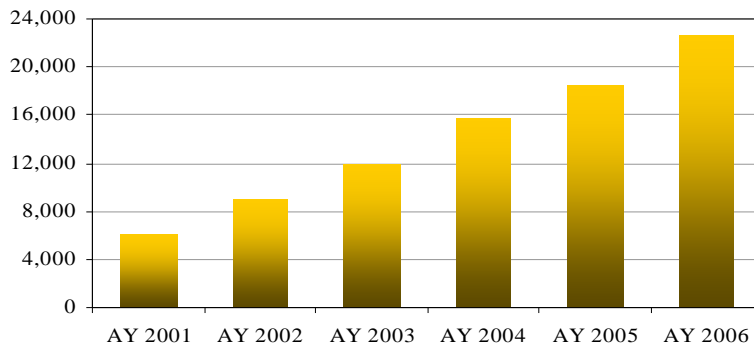
Percent Undergraduate Students from Massachusetts

The vast majority (87%) of UMass undergraduates are citizens of the Commonwealth. The percentages are highest at the more regional campuses - at Boston, Dartmouth, and Lowell, 9 out of 10 students are in-state - and lowest at UMass Amherst, where 8 of 10 students are in-state. By contrast, only 26% of undergraduates enrolled in the state's private universities come from Massachusetts.



Rate of Growth in Online Course Enrollments

UMassOnline delivers 66 programs to diverse and geographically dispersed learners. Course enrollments in UMass Online continue to grow at a healthy rate. Academic year 2005-06 course enrollments were 23% higher than those for AY 2004-05.



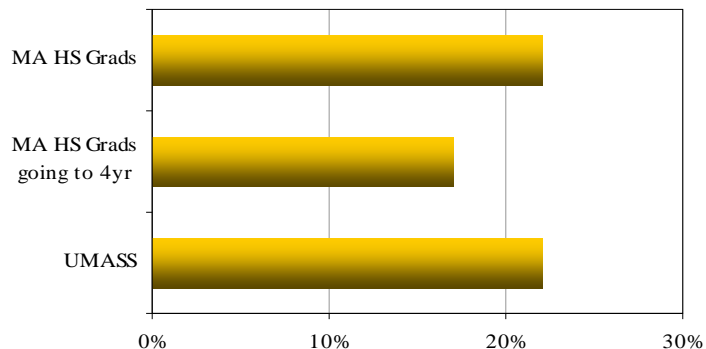
	AY 2001	AY 2002	AY 2003	AY 2004	AY 2005	AY 2006
Annual growth rate		47%	33%	31%	17%	23%

STUDENT SUCCESS AND SATISFACTION

Percent Undergraduate Students of Color

More than one-fifth (22%) of the University's undergraduate students are Black, Asian, Hispanic, or Native American, compared with 22.4% of the state's population of high school graduates and 17.1% of high school graduates who intend to enroll in a four-year college or university.

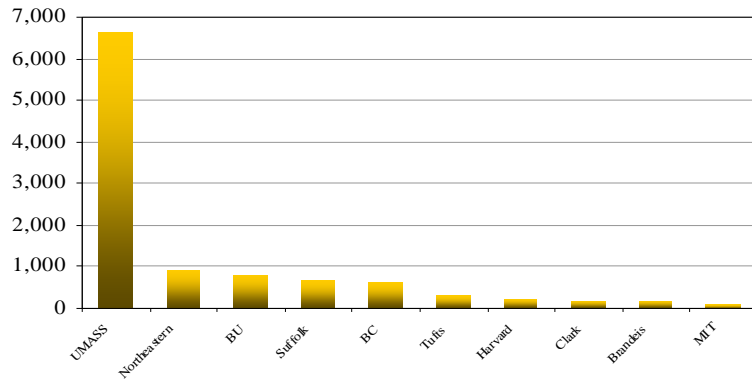
Note: Beginning with the high school class of 2006, students who identify as Multi-Race are included in the count of students of color. Comparisons with prior year data should be made with caution.



SERVICE TO THE COMMONWEALTH

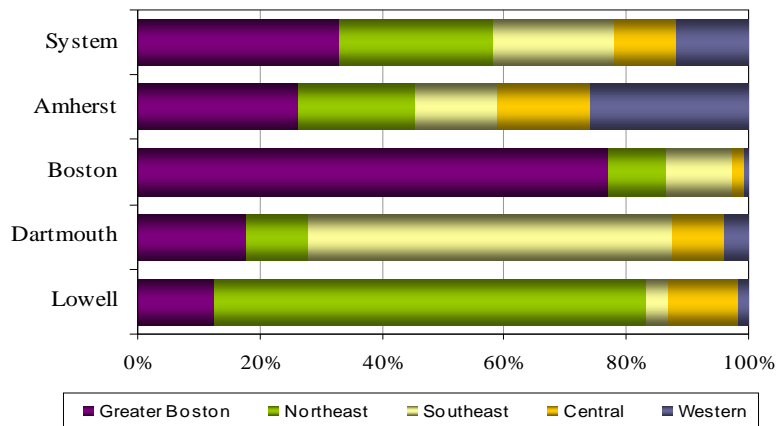
Enrollment of Massachusetts Residents

Almost two of three (62%) Massachusetts residents enrolling in universities within the state as first-time undergraduates attend the University of Massachusetts.



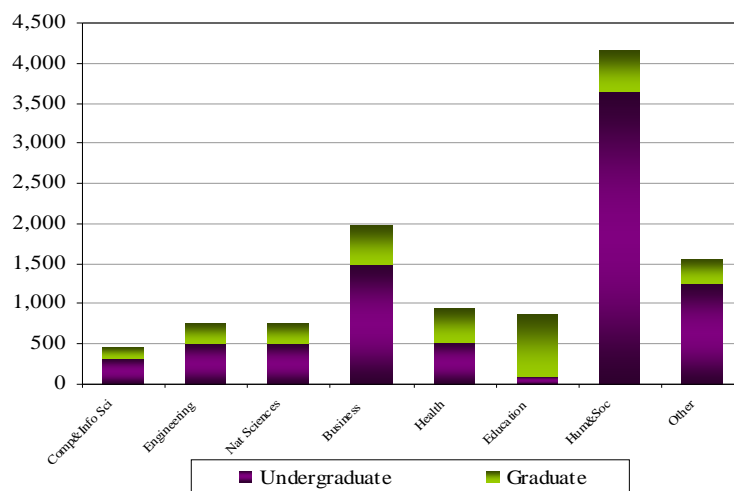
Enrollment by Region

UMass serves undergraduate students from all regions of the Commonwealth, with UMass Boston drawing 77% from the greater Boston area, Dartmouth drawing 59% from Southeastern Massachusetts, and Lowell drawing 71% from the northeastern corner of the state. Twenty-six percent (26%) of Amherst's undergraduate students are from Western Massachusetts, and another 26% are from the Greater Boston area.



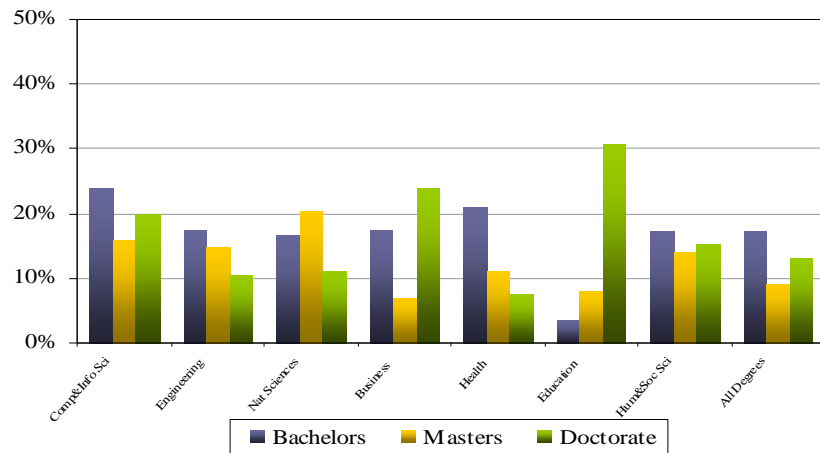
Degrees Conferred by Field

Of the 11,463 degrees and certificates conferred by the University in 2005-06, almost three-quarters were at the undergraduate level and one-quarter at the graduate level. Thirty-six percent (36%) of degrees were in the humanities and social sciences, followed by 17% in business/management. The University awarded 450 degrees in computer and information sciences, 756 degrees in engineering, 753 degrees in the natural sciences, 946 degrees in health sciences and professions, 872 degrees in education (almost all of them at the graduate level), and 1,557 degrees in other fields, such as criminal justice, public affairs, and natural resources and conservation.



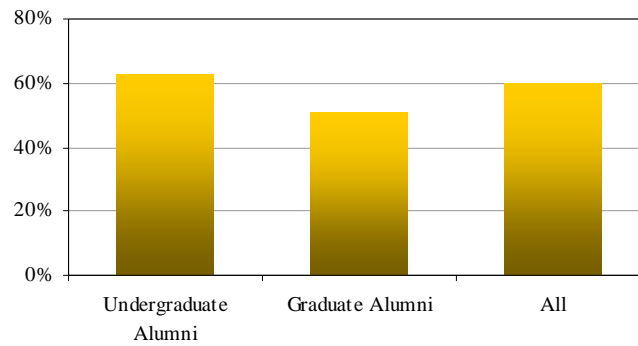
UMass Degrees as % of Massachusetts Degrees

The University of Massachusetts annually awards 13.5% of baccalaureate and graduate degrees (17% of bachelors, 9% of master's degrees and 13% of doctoral degrees) in the state. The University's impact at the doctoral level in business and education is particularly high, as is its impact at the master's level in natural sciences, computer and information sciences, and engineering, and the bachelor's level in computer and information sciences and health (which includes nursing).



Percentage of Graduates Who Live in Massachusetts

Almost two of three (63%) undergraduate alumni and more than half (51%) of the graduate alumni of the University live and work in the Commonwealth of Massachusetts.



MTEL Science and Math Test-Takers

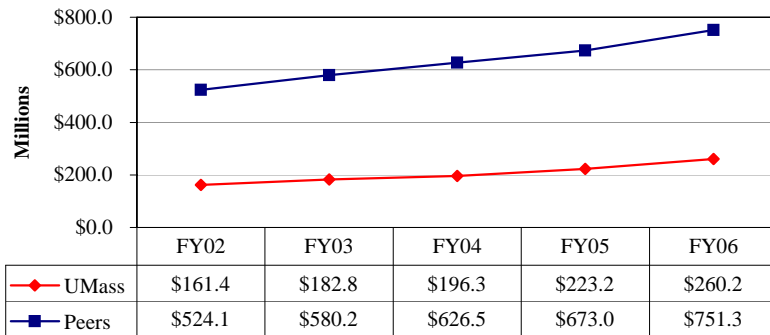
In 2005-06, 61 students who completed the University's teacher preparation program took the Massachusetts Tests for Educator Licensure (MTEL) in Science and Math subjects.

2003-04	2004-05	2005-06
50	72	61

FINANCIAL HEALTH

Endowment Assets

Despite a relatively small overall endowment, the growth in the market value of the University's endowment has outpaced the average of the peer systems in most years.

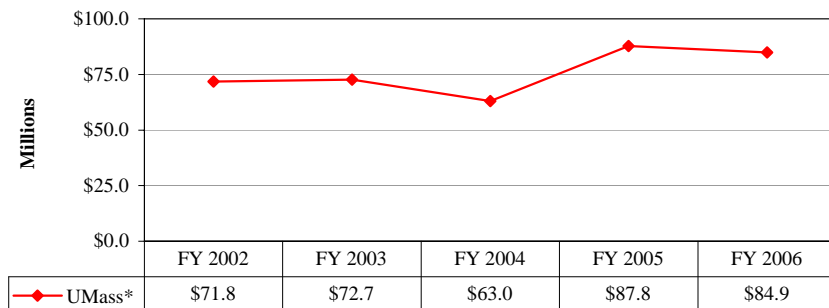


* Peers do not include University of California

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

Private Funds Raised Annually

The trend in private giving has been very positive in recent years. Overall there was an 18% increase in annual giving between FY2002 and FY2006.

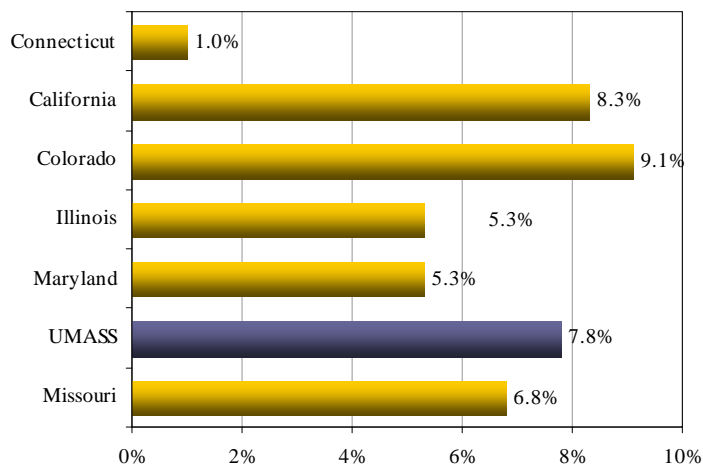


* Includes cash, pledges and grants

Return on Net Assets

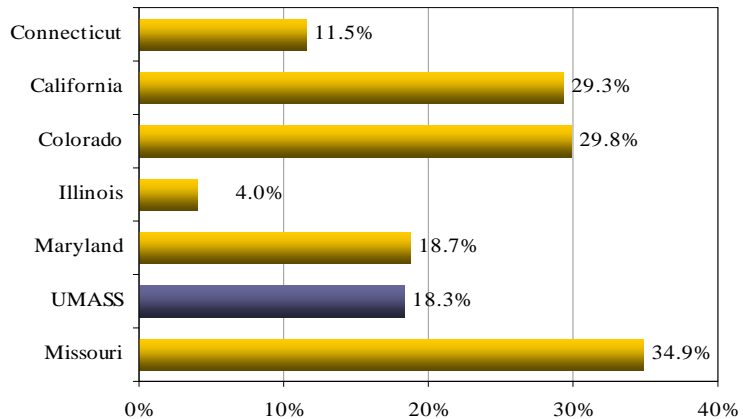
This measure provides a comprehensive measure of the growth or decline in total University wealth. This measure is best viewed over a longer period of time, however, it still helps to show if an institution is better off at the end of the fiscal year than at the beginning. A decline in this ratio may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

In FY2006, the University's return on net assets compared favorably to that of the peer systems.



Financial Cushion

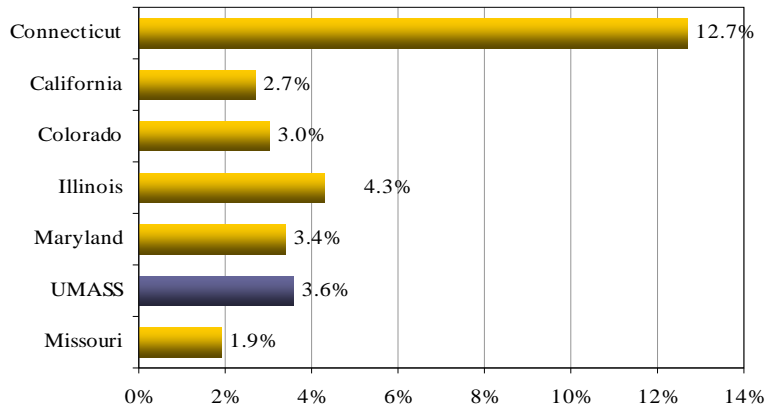
In FY2006, the University as a whole had a financial cushion of 18.3% which was within the range for the peer systems of 4.0% to 34.9%.



Debt Service to Operations

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

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



Total Deferred Maintenance Cost

These new 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 2006
Total Deferred Maintenance Cost	\$2,633,045,566
Deferred Maintenance per GSF	\$120.16

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

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 2005 inflation-adjusted dollars (latest available). Comparative data are from IPEDS and US Census.

Percentage of undergraduate students from Massachusetts. Percentage of Fall 2006 undergraduate state-supported students from in-state as determined by tuition residency classification. Data for Massachusetts private universities are from Fall 2005 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 2006 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 2006 public high school graduates are from the MA Department of Education.

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 2005 IPEDS and the universities' institutional research offices.

Enrollment by region. In-state undergraduate enrollment by region for Fall 2006.

Degrees conferred by field. 2005-06 degrees conferred by UMass campuses by field.

UMass degrees as % of all Massachusetts degrees. Degrees awarded by UMass as % of total degrees awarded by colleges and universities in the state in 2005-2006 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 2006.

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 2007 ANNUAL INDICATORS

ACADEMIC QUALITY

The Top American Research Universities (TheCenter) identifies seven performance indicators which reflect academic quality for evaluating the comparative performance of research universities. These public and private doctoral institutions, which include UMass Amherst, generate over \$20 million in federal research annually. The Amherst campus is comparing its progress on these measures with the 152 institutions with undergraduate programs in this group.

Research. Total and federal research dollars in science and engineering (R&D) are key measures of an institution's commitment to and success in research. The Amherst campus faculty has been successful in competing for these dollars. Total R&D spending increased by 24%, and per faculty expenditures increased by almost one-third in the past five years. The campus has retained its relative position among research universities; however it has consistently been below the median on research spending. Growth in the tenure system faculty will allow for growth in R&D spending.

Faculty Quality. 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 considerable strength in this area and has received a wide range of awards. The campus is at the 34th percentile for faculty awards and at the 40th percentile for membership in the National Academies.

Advanced Training. The campus has also demonstrated strength in the education and training of pre- and post-doctoral researchers. Here, too, UMass Amherst ranked in the top half on the number of degrees awarded and for the number of post-doctorates receiving training.

Academic Quality. Over one-fifth of students at UMA (22%) receive aid in the form of Pell grants, making education more affordable for our neediest students. The academic profile of entering students has improved in recent years, evidenced by growth in both SAT scores and high school GPA. SAT scores have increased by 20 points since 2002 and are approaching the median for research universities. Similarly, the high school GPA of entering students rose from 3.38 to 3.46 in one year, and 90% of students entered UMA with a high school GPA of 3.0 and above. Additionally, graduating seniors report high satisfaction with their undergraduate experience. Results from the UMA Senior Survey show that over 90% of graduates report satisfaction with their overall experience in the major.

ACCESS AND AFFORDABILITY

Providing an affordable and accessible education of high quality is stated in the University's mission. Over one-fifth of students at UMA (22%) receive aid in the form of Pell grants, making education more affordable for our neediest students. The campus will continue to increase institutional need-based aid.

STUDENT SUCCESS AND SATISFACTION

UMass Amherst students have a positive educational experience. Eighty-three percent of students return for their sophomore year, and two-thirds graduate within six years. The one-year rate is slightly lower than other research extensive institutions. However, the six-year rate is comparable to other public research extensive institutions. The expectation is that investment in residential programs like the First Year Experience, and expansion of mechanisms to assess and improve undergraduate education will enhance the learning experience and result in higher retention and graduation rates.

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 2006, 20% 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. These amounts are expected to grow as the campus moves through the active phase of its capital campaign. 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 standing as a major public university. More information can be found in the FY2007 Financial Indicators Report.

2007 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of Freshmen	3.46
• SAT Scores of Freshmen	
<i>Median</i>	1140
<i>25th – 75th Percentile</i>	1050 – 1240
• Licensure/Certification Pass Rates	
<i>Massachusetts Teacher Test</i>	96%
<i>Registered Nurse</i>	89%
• Satisfaction With Major (UMA Senior Survey)	93%
• No. of Doctorates Awarded	253
• No. of Postdoctoral Appointees	182
• Total R&D Expenditures (\$000)	\$136,057
• Federal R&D Expenditures (\$000)	\$69,642
• Total R&D/Faculty	\$142,468
• Federal R&D/Faculty	\$72,924
• New Tenured/Tenure-Track Faculty Hired	61
• Change in Tenured/Tenure-Track Faculty	+7
• Change in Faculty FTE	+18
• Faculty Awards	13
• National Academy Members	9

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	22%
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STUDENT SUCCESS AND SATISFACTION

• Freshman One-Year Retention Rate	83%
• Freshman Six-Year Graduation Rate	66%

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM Programs	
<i>Undergraduate</i>	3,792 (20%)
<i>Graduate</i>	1,386 (27%)
• Degrees Awarded in STEM Fields	
<i>Undergraduate</i>	847 (21%)
<i>Graduate</i>	347 (25%)

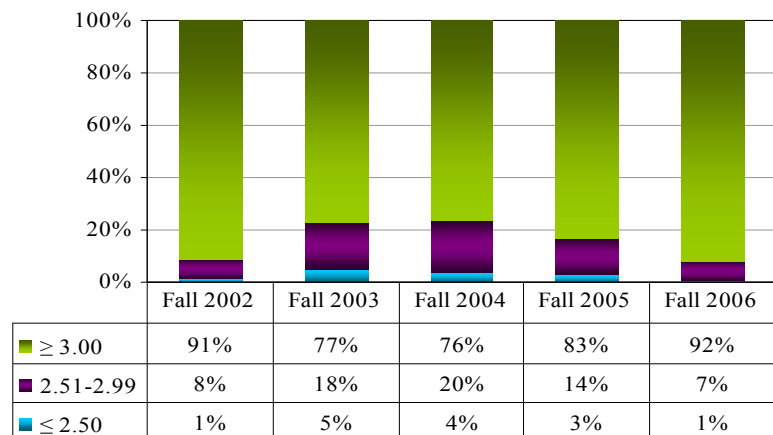
FINANCIAL HEALTH

• Endowment (\$000)	\$113,724
• Endowment Per Student	\$5,164
• Private Funds Raised Annually (\$000)	\$33,401
• Return on Net Assets	8.4%
• Financial Cushion	16.7%
• Debt Ratio	4.8%

ACADEMIC QUALITY

High School GPA of Freshmen

UMass Amherst entering first-year students are strong academically with high school GPAs approaching 3.5. The Fall 2006 entering class was the strongest in the five year period with over 90% of students earning a GPA of 3.0 and above in high school.



Mean GPA	2002	2003	2004	2005	2006
UMA	3.42	3.28	3.29	3.38	3.46

SAT Scores of Freshmen

The SAT profile of UMass Amherst students is somewhat below that of other research universities. However, the UMA median score has increased by 20 points since fall 2002. The median score of the peer group has been static.

SAT Score	2002	2003	2004	2005	2006
UMA Median	1120	1140	1130	1140	1140
25th %ile	1020	1050	1050	1050	1050
75th %ile	1230	1230	1220	1240	1240
Peer Median	1165	1165	1165	1165	1165
25th %ile	1060	1060	1070	1070	1065
75th %ile	1270	1270	1260	1260	1270
UMA %ile Rank	59%	60%	60%	57%	55%

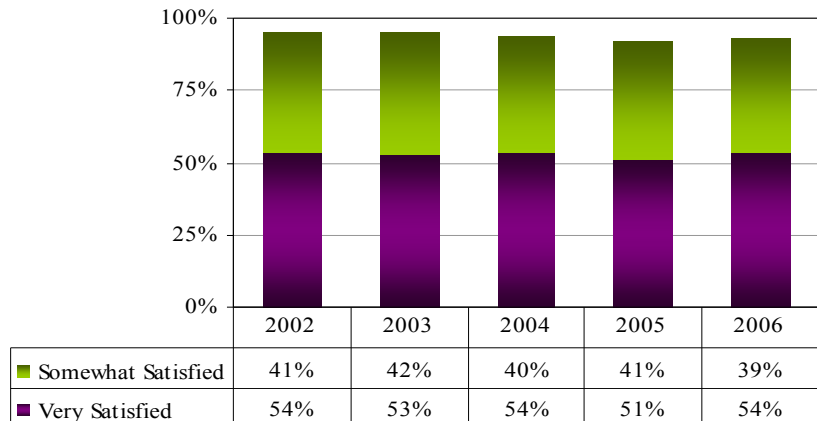
Licensure and Certification Test Pass Rates

Ninety-six percent of program completers passed the Educator licensure exam in 2006. The rate has been consistently high for the campus and is similar to the state average. In 2006, the first-time pass rate for Nursing was slightly higher than national pass rates. The number of students taking these exams represent a small portion of the campus's graduates.

Pass Rates	Educator Licensure		Registered Nurse	
	2005	2006	2005	2006
UMA Test Takers	236	244	99	88
UMA Pass Rate	95%	96%	77%	89%
State Pass Rate	96%	97%	NA	NA
National Pass Rate	NA	NA	87%	88%

Student Satisfaction with Major

Results of the Amherst campus Senior Survey administered at the time of graduation are evidence of high student satisfaction. Satisfaction with the overall experience in the major has been consistently high. Over half of graduates reported being very satisfied.



Number of Doctorates Awarded

The number of doctorates awarded at UMA has fluctuated in recent years. However, UMA has consistently scored well above the peer median on this measure.

<i>Doctorates</i>	2002	2003	2004	2005	2006
<i>UMA</i>	287	213	274	267	253
<i>Peer Median</i>	176	178	183	188	NA
<i>%ile Rank</i>	28%	42%	32%	37%	NA

Postdoctoral Appointees

UMass Amherst senior faculty mentor recent PhDs with science and engineering degrees who wish to receive advanced research training. UMass's rank is above the peer median, evidence of strong research programs in these areas.

<i>Post-Docs</i>	2002	2003	2004	2005	2006
<i>UMA</i>	142	161	173	166	182
<i>Peer Median</i>	131	137	139	NA	NA
<i>%ile Rank</i>	46%	43%	43%	NA	NA

Research Expenditures

Total R&D spending in FY06 was \$140.2 million, of which \$136 million was in science and engineering (S&E). S&E expenditures increased by almost one-fourth in total dollars and 27% in federal dollars since FY2002. Both total and federal S&E dollars per faculty have increased by about one-third in that same period. Although the campus has retained its relative position among those institutions with \$20 million or more in Federal R&D, it has consistently been below the median on research spending.

Total S&E Research (\$000's)	2002	2003	2004	2005	2006
<i>UMA</i>	\$109,332	\$111,235	\$120,787	\$127,488	\$136,057
<i>Peer Median</i>	\$150,598	\$157,017	\$168,132	NA	NA
<i>%ile Rank</i>	61%	61%	61%	NA	NA

Federal S&E Research (\$000's)	2002	2003	2004	2005	2006
<i>UMA</i>	\$54,770	\$64,111	\$65,452	\$66,921	\$69,642
<i>Peer Median</i>	\$77,742	\$83,978	\$92,290	NA	NA
<i>%ile Rank</i>	61%	60%	62%	NA	NA

Per Tenure System Faculty FTE	2002	2003	2004	2005	2006
<i>Total</i>	\$107,865	\$122,317	\$135,063	\$138,049	\$142,468
<i>Federal</i>	\$54,035	\$70,498	\$73,188	\$72,465	\$72,924

New Tenured/Tenure-Track Faculty Hired

The campus is in the process of rebuilding the tenure-system faculty. Of the 125 new hires in the past two years, 25 were new positions, and the remainder was replacements for faculty who left. Ninety-three new tenure-system faculty positions have been allocated in FY06 and FY07 as part of the Amherst 250 Plan, many of which remain to be filled.

	<i>AY 2005-2006</i>	<i>AY 2006-2007</i>
<i>UMA</i>	64	61

Change in Tenured/Tenure-Track Faculty

Fall 2006 saw a net gain of seven in the tenure-system faculty. Investment in faculty is required to maintain the campus as a nationally competitive public research university. Continued growth is expected for 2007-08.

	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>1-year Change</i>
<i>UMA</i>	921	958	965	7

Change in Faculty FTE

The increase in the number of full-time equivalent instructional faculty in Fall 2005 and Fall 2006 was split between the tenure and non-tenure system faculty. It is anticipated that this and future increases will have an impact on the quality of the campus's instructional programs.

	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>	<i>1-year Change</i>
<i>UMA</i>	1,180	1,221	1,239	18

Faculty Awards

UMass Amherst faculty members are recipients of many prominent awards in the arts, humanities, science, engineering and health fields. The campus has consistently ranked above the peer median on this measure, and is within the top third among its peers.

<i>Awards</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>
<i>UMA</i>	14	10	15	10	13
<i>Peer Median</i>	8	9	7	9	8
<i>%ile Rank</i>	32%	42%	40%	43%	34%

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. Like faculty awards, the campus ranks above its peers on this measure.

<i>Members</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>
<i>UMA</i>	9	9	7	7	9
<i>Peer Median</i>	6	6	6	6	6
<i>%ile Rank</i>	42%	41%	47%	45%	40%

ACCESS AND AFFORDABILITY

% Pell Grant Recipients

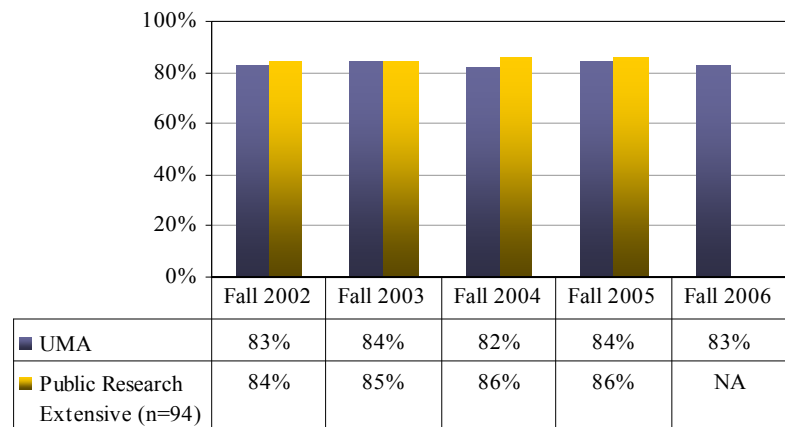
Over 20% of UMA undergraduate students receive support in the form of Pell grants. This number is quite favorable as compared with the other 247 National Universities (as defined by US News & World Report) where the Amherst campus ranks in the second quintile.

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

STUDENT SUCCESS AND SATISFACTION

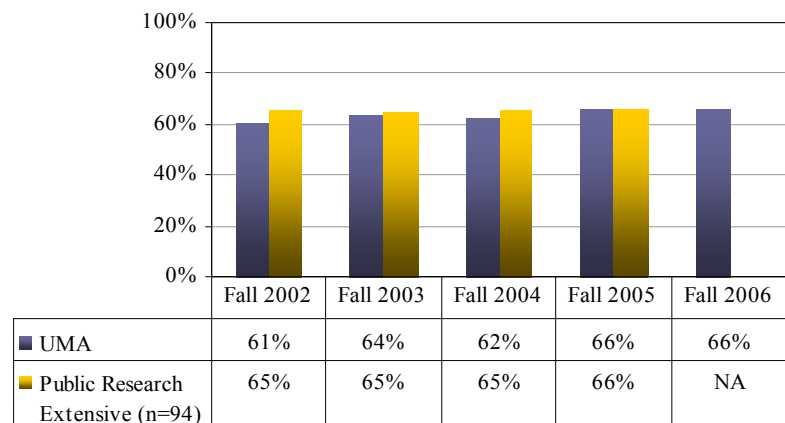
Freshman One-Year Retention Rate

The one-year retention is somewhat below the peer average. Improving student retention is a campus priority, and new strategies are being developed to accomplish this goal.



Freshman Six-Year Graduation Rate

Two-thirds of full-time Amherst campus students graduate within six years of entrance. The 2006 rate is comparable to that of other public research extensive institutions. The six-year graduation rate is a lagging indicator in that it tends to reflect the academic profile of students entering six years earlier.



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. Presently, 20% of baccalaureate students and 27% of master's and doctoral students are enrolled in such programs.

Undergraduate

UMA	Fall 2004	Fall 2005	Fall 2006
Total	18,378	18,812	19,299
STEM	3,763	3,620	3,792
% STEM	20%	19%	20%

Graduate

UMA	Fall 2004	Fall 2005	Fall 2006
Total	4,898	4,890	5,067
STEM	1,442	1,402	1,386
% STEM	29%	29%	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
<i>Total Degrees</i>	3,919	4,262	4,038
<i>STEM</i>	754	865	847
<i>% STEM</i>	19%	20%	21%

Graduate

UMA	2003-04	2004-05	2005-06
<i>Total Degrees</i>	1,332	1,411	1,402
<i>STEM</i>	392	372	347
<i>% STEM</i>	29%	26%	25%

FINANCIAL HEALTH

Endowment per Student

The campus endowment is one of the lowest in the country for a public flagship campus. The total endowment increased by 25% over the last year, and will continue to show improvement over the next several years.

<i>Endowment per FTE</i>	FY 2004	FY 2005	FY 2006
<i>UMA</i>	\$3,830	\$4,232	\$5,164
<i>Peers</i>	\$16,426	\$18,529	\$19,769

<i>Endowment (\$000's)</i>	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
<i>UMA</i>	\$59,793	\$65,951	\$81,880	\$91,193	\$113,724
<i>Annual % change</i>	0%	10%	24%	11%	25%

Private Funds Raised Annually

Private funds raised have increased by almost 25% in one year. They are expected to grow over the next five years as the campus embarks on a capital campaign to raise endowment for new faculty and secure capital gifts for new construction and renovation.

<i>Private Funds (\$000's)</i>	FY 2004	FY 2005	FY 2006
<i>UMA</i>	\$26,326	\$27,027	\$33,401

Return on Net Assets

Return on net assets for the campus is above the peer average. However, this ratio will decline sharply in future years as a result of higher depreciation and interest costs and more moderate investment income gains.

	FY 2005	FY 2006
<i>UMA</i>	5.42%	8.4%
<i>Peers</i>	-	3.0%

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 five years as accumulated unrestricted funds which have been designated for capital improvements are spent on these projects.

	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>
<i>UMA</i>	16.8%	15.2%	16.7%
<i>Peers</i>	21.5%	22.4%	22.5%

Debt Service to Operations

The debt service ratio for the campus is at the level of its peers but will escalate over the next five years to over 6% of operations to cover the cost of new construction and major renovations to existing space.

	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>
<i>UMA</i>	3.2%	3.7%	4.8%
<i>Peers</i>	6.2%	5.9%	4.9%

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

High school GPA of first-year students. Cumulative GPA for college prep 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. The 25th and 75th percentile (middle range) and median SAT scores of all first-year students. ACT scores are converted to SAT scores for those institutions using the ACT. Peer data are from *The Top American Research Universities* and IPEDS.

Licensure and certification test pass rates. Pass rates on Massachusetts Tests for Educator Licensure (undergraduate and graduate) and Registered Nurse Licensure Exam. Registered Nurse pass rates are reported for first-time test takers only.

Satisfaction with major. Percent of seniors who responded “somewhat satisfied” or “very satisfied” to the question, “Please rate your satisfaction with your overall experience in your major” on the Amherst campus’s annual Senior Survey administered at the time of graduation.

Doctorates awarded. The number of doctorates awarded as reported in the IPEDS Completions survey. Peer data from *The Top American Research Universities* as reported to IPEDS.

Postdoctoral appointees. The number of postdoctoral appointees as reported to NSF. Peer data are from *The Top American Research Universities*.

Research expenditures. R&D expenditures in all sciences and engineering fields, from all sources (federal, state, local governments, industry, private and institutional) as reported to NSF. Peer data are from *The Top American Research Universities* and adjusted for some institutions to exclude other campuses in a multi-campus system. **Total** and **Federal** dollars are reported.

Sponsored research per faculty. Total and Federal R&D expenditures in all science and engineering fields, divided by total tenure system faculty.

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/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.

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. The FTE for part-time faculty is based on the FTE as recorded on the Human Resources system. Includes 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

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.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Freshman one-year retention rate. Percent of first-time, full-time freshmen who entered in the previous fall and were still enrolled as of the next fall. Peer data are from the Consortium for Student Retention Data Exchange (CSRDE) and represent approximately 90 research extensive universities.

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 CSRDE and represent approximately 90 research extensive universities.

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 and graduate 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 per student. True and quasi-endowment per annualized FTE student, where FTE of peer institutions is standardized to UMass formula. Peer data from financial statements and IPEDS.

Private funds raised annually. Private funds raised include 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 cash donations, pledges, and gifts in kind made in that year.

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 from published financial statements.

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

PEER INSTITUTIONS FOR UMASS AMHERST**Academic Quality Indicators**

The peer group for the University of Massachusetts Amherst is comprised of the top American Research Universities, both public and private institutions, with at least \$20 million in federal research expenditures in fiscal year 2003. Excluded from this reference group of 148 universities are 39 institutions that do not have an undergraduate program (e.g., medical schools). These institutions are listed in *The Top American Research Universities, 2006 Annual Report from The Center for Measuring University Performance* at Arizona State University. The percentile rank of UMass is shown with respect to these institutions. The *percentile rank* shows the relative standing of the campus. Percentiles range from 1 (high) to 99 with a percentile rank of 50 representing the median.

The Top American Research Universities does not report retention and graduation rates. An alternate source, the Consortium for Student Retention Data Exchange (CSRDE) was used. Retention and graduation rates for UMass students are compared with those of approximately 90 other Research Extensive universities that participated in the data exchange.

Financial Peers

Iowa State University
Rutgers University
University of California, Santa Barbara
University of Colorado, Boulder
University of Connecticut
University of Maryland College Park

HEADLINES FROM THE 2007 ANNUAL INDICATORS

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 increased the average over the last five years. 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, 4 Fulbright awardees, one British Marshall scholar and 2 Rhodes semi-finalists. In 2006 a record number of 5 students applied for the Fulbright scholarship and 5 applied for the Jack Kent Cooke award. The total of 10 students was a record. One of the three applicants for the Fulbright is a finalist to the United Kingdom.

Strengthen research and development

Research dollars per faculty member grew again this year from \$31,925 in FY 02 to \$58,166 in FY 06, an increase of 70%. Since FY 02, R&D expenditures have increased 60% to \$21 million.

Sponsored Instruction and Outreach has also shown significant growth, from \$27,518 per faculty member in FY 02 to \$51,716 in FY 06, an increase of 88%. We are very pleased with this progress.

Renew faculty

We welcomed 23 new tenured or tenure-track faculty to UMass Boston in AY 2006/2007. With retirements, this meant a decrease of 4 tenure/tenure-track faculty. We are launching a new faculty orientation program that will assist with the transition to a successful faculty career.

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 in all of New England with over 2,500 undergraduates. In Fall 2006, 42% 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.

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 with 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 for those students most in financial need.

SERVICE TO THE COMMONWEALTH

UMass Boston's Division of Corporate, Continuing, and Distance Education continues to see an increase in online course registrations. Between Fall 2002 and Fall 2006, the registrations increased 254%. We currently offer two bachelor's degree programs and six graduate programs online. Further, we offer 33 credit and non-credit certificate programs in a combination of on-ground and online formats to the corporate and professional community.

Over ninety percent of our students are from Massachusetts and almost 80% 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. This was reflected in our designation this year by the Carnegie Foundation for the Advancement of Teaching as one of only 62 institutions recognized for outreach and partnerships and for curricular community engagement.

FINANCIAL HEALTH

The campus' financial position improved slightly in fiscal year 2006 as measured by the return on net assets and the financial cushion ratio. The net assets increased from the previous year due to an increase in enrollment. The increase was tempered by increased costs in a number of areas, including debt service, energy, financial aid, PeopleSoft implementation and depreciation. The cushion ratio increased at a small rate. The debt service to operations ratio remains slightly unfavorable to our peers as the campus continues its efforts to address deferred maintenance and modernize classrooms, including classroom technology. The campus remains in overall sound financial health. Next year's budget will reflect the priorities in our new Strategic Plan, *UMass Boston Renewal: Fidelity to Urban Mission*.

2007 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• High School GPA of Freshmen	2.97
• SAT Scores of Freshmen (25 th -75 th)	960 - 1140
• Average GPA of Entering Transfers	3.01
• Licensure/Certification Pass Rates	
<i>Mass Teacher Certification Test</i>	97%
<i>NCLEX (Nursing)</i>	84%
• % Senior Rating Educational Experience “Good” or “Excellent”	87%
• Number of Students Enrolled in For-Credit Internships	1,307
• Research Per Faculty	\$58,166
• Sponsored Instruction & Outreach/Faculty	\$51,716
• New Tenure/Tenure-Track Faculty Hired	23
• Change in Tenured/Tenure-Track Faculty	-4
• Change in Faculty FTE	13

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	31%
• % Undergraduate Students from MA	93%
• Enrollment in Distance/Online Courses	5,768
• Rate of Growth in Distance Education Enrollments	23%

STUDENT SUCCESS AND SATISFACTION

• % Undergraduate ALANA Students	42%
• % First Generation College Students	53%
• % Undergraduates Who Speak English as a Second Language	37%
• Freshmen One-Year Retention Rate	70%
• Freshmen Six-Year Graduation Rate	36%
• Transfer One-Year Retention Rate	75%
• Transfer Four-Year Graduation Rate	63%

SERVICE TO THE COMMONWEALTH

• % of Graduates Who Live in Massachusetts	78%
• Enrollment in STEM Programs	1,491 (14%)
• Degrees Awarded in STEM Fields	219 (9%)

FINANCIAL HEALTH

• Endowment Per Student	\$2,787
• Annual Growth in Endowment	10%
• Private Funds Raised Annually (\$000s)	\$9,848
• Return on Net Assets	0.50%
• Financial Cushion	6.5%
• Debt Service to Operations	5.33%

ACADEMIC QUALITY

High School GPA of Freshmen

The average GPA of entering first time freshmen at UMB has increased from 2.92 in Fall 2002 to 3.03 in Fall 2004 (when we had the smallest number of entering freshmen in the past ten years) and 2.97 in Fall 2006. GPA scores are closely linked to success in college.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
≥ 3.00	41%	48%	54%	50%	45%
2.50 - 2.99	43%	45%	37%	36%	38%
<2.50	16%	7%	10%	14%	16%
<i>Average</i>	2.92	2.97	3.03	3.02	2.97

First time freshmen are about one third of our new students each Fall, two thirds are transfer students.

SAT Scores of Freshmen

The quartile average SAT scores of entering freshmen have decreased slightly from Fall 2005 to Fall 2006.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006	Fall 2005 Peers
75th %ile	1130	1110	1120	1160	1140	1181
25th %ile	970	950	950	970	960	953

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 risen from 2.95 in Fall 2002 to 3.05 in Fall 2004 and 3.01 in Fall 2006. There are no comparable peer data for this indicator.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
<i>UMB</i>	2.95	3.03	3.05	3.03	3.01

Licensure and Certification Test Pass Rates

National Council Licensure Examination for Registered Nurses

The first time test taker pass rates dropped by 6% from 2005 to 2006, falling below the national average for the first time in many years. The college is vigorously investigating the reasons for this change. We are piloting supplemental course software, self-study modules and are in the midst of a curriculum change that will address the issues discovered through our evaluation processes.

	2002	2003	2004	2005	2006
<i>UMB First Time Taker Pass Rate</i>	88%	91%	92%	90%	84%
<i>National Pass Rate</i>	87%	87%	85%	87%	88%

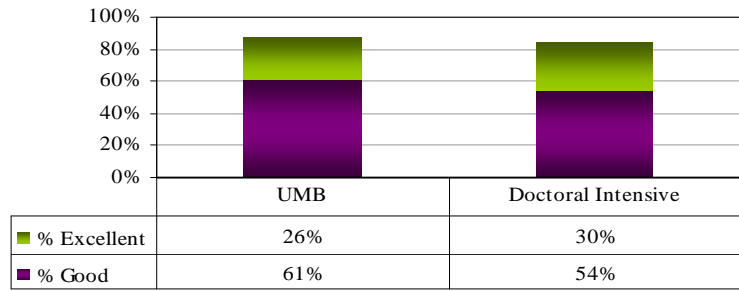
Mass Teacher Certification Pass Rate

Certification pass rates have decreased from 99% to 97%. UMB's pass rate continues to be consistent with the State average.

	2001/2002	2002/2003	2003/2004	2004/2005	2005/2006
<i>UMB</i>	95%	88%	96%	99%	97%
<i>State average</i>	91%	97%	95%	96%	97%

% Seniors Rating Educational Experience "Good" or "Excellent"

Over 87% of seniors responding to the National Survey of Student Engagement rated their experience at UMass Boston as "good" or "excellent." This compares very favorably with the 84% of seniors at all responding Doctoral Intensive institutions who rated their experience similarly.



Number of Students Enrolled in For-Credit Internships

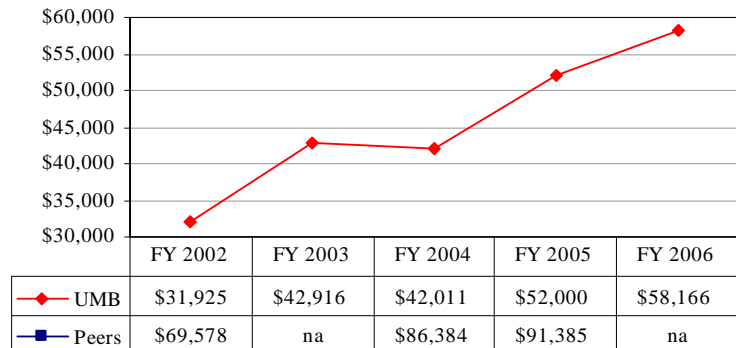
Efforts to increase student participation in internships have been highly successful, increasing from 191 in Fall 2002 to over 1,300 in Fall 2005 and Fall 2006.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
UMB	191	658	940	1,376	1,307

Research per Faculty

R&D per faculty member grew by 11.8% in 2006 and by 82.2% between FY 2002 and FY 2006.

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. UMass Boston's growth rate from 2002 to 2005 62.9% exceeds our peer growth rate of 31.3%



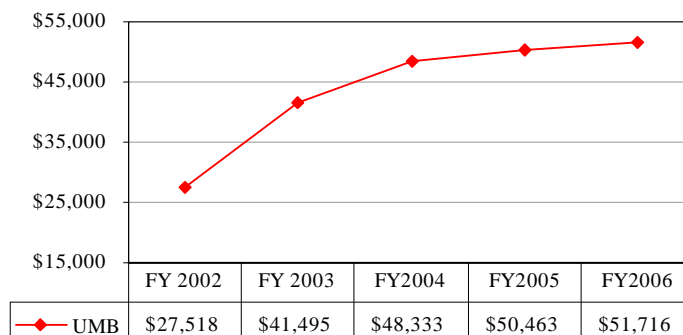
Total R&D Expenditures as reported in NSF (\$000's)

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
	\$13,121	\$15,793	\$15,460	\$18,148	\$21,056

Sponsored Instruction & Outreach per Faculty

UMB's sponsored activity in Instruction and Public Service continued to grow in FY 2006, albeit at a slower pace than prior years. The cumulative 88% growth since FY 2002 reflects a commitment to training, education and public service.

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



New Tenured/Tenure-Track Faculty Hired

In AY 2006 - 2007 UMass Boston was successful in recruiting 23 new tenured or tenure-track faculty. 26% of the new faculty were persons of color, and 78% were female.

	AY 2005-2006	AY 2006-2007
UMB	38	23

Change in Tenured/Tenure-Track Faculty

New faculty hiring and faculty retirements resulted in a decline of 4 tenure/tenure-track faculty between Fall 2005 and Fall 2006.

	Fall 2004	Fall 2005	Fall 2006	1-year Change
UMB	349	362	358	-4

Change in Faculty FTE

The full-time equivalent faculty count increased by 13 FTE between Fall 2005 and Fall 2006.

	Fall 2004	Fall 2005	Fall 2006	1-year Change
UMB	578	577	590	13

ACCESS AND AFFORDABILITY

% Pell Grant Recipients

About one third of full time, in-state undergraduate applicants for financial aid are eligible for Pell Grants. Pell grants are typically awarded to undergraduates with family income under \$40,000.

	Fall 2005	Fall 2006
UMB	32%	31%

% Undergraduate Students from Massachusetts

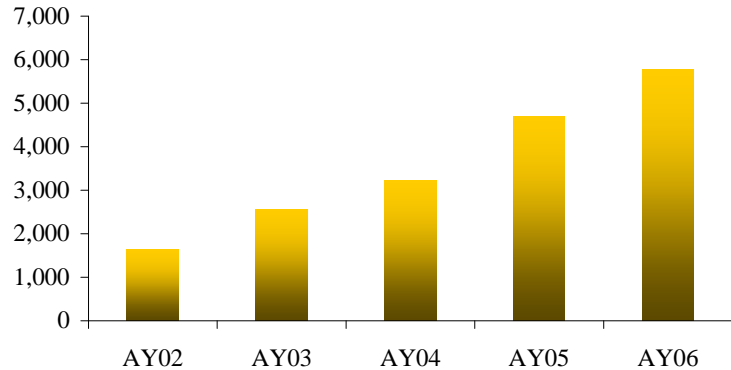
UMB serves primarily undergraduate students from Massachusetts. We also attract international and out-of-state students. In Fall 2006, 7% of our undergraduate students were international or out-of-state students.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
Number	8,217	7,975	7,397	7,437	7,706
Percent	90%	91%	92%	92%	93%

Enrollments in Distance/Online Courses

Class registrations have grown significantly from the first offerings of online instruction in the summer of 2000, from 268 to 5,768 in AY2006

AY06 enrollment includes Summer 2005, Fall 2006, Winter 2006-2007 and Spring 2007.



Rate of Growth in Distance Education Enrollments

Online course enrollment has grown very rapidly over the last five years.

Between AY02 and AY06, the course registrations have grown 254%.

	AY02	AY03	AY04	AY05	AY06
<i>UMB</i>	1,631	2,569	3,220	4,681	5,768
<i>Annual Rate of Growth</i>		58%	25%	45%	23%

STUDENT SUCCESS AND SATISFACTION

% Undergraduate ALANA Students

Two-fifths of all undergraduates at UMB are students of color, whereas only 17% of the population of the area from which we draw (Mass portion of the PMSA, Census 2005) are persons of color. UMB continues to be the most diverse public university with over 2,500 undergraduates in New England.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
<i>Number</i>	2,655	2,608	2,525	2,733	3,200
<i>Percent</i>	39%	40%	41%	41%	42%

% First Generation College Students

Question: *Did either of your parents receive a Bachelor's degree?*

	2002	2003	2004	2005	2006
<i>Alumni Survey</i> : % reporting that neither of their parents had received a Bachelor's degree.	64%			n/a	n/a
<i>NSSE</i> : % reporting that neither of their parents had received a Bachelor's degree.	56%		59%	n/a	n/a
<i>CIRP</i> : % reporting neither of their parents had received a Bachelor's degree.		52%	57%	n/a	53%

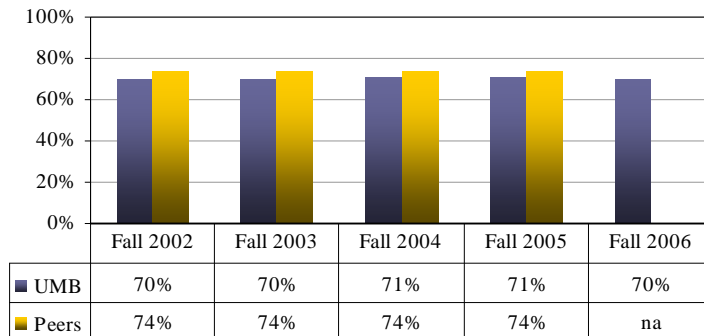
% Undergraduates who Speak English as a Second Language

Four recent surveys contain data on the percentage of students who speak a language other than English at home:

	2002	2003	2004	2005	2006
<i>Retention Study 2002: Fall 00 First Time, Full-Time Freshmen</i>	42%			n/a	n/a
<i>Graduating Senior Survey: August 02, May 03, May 04&05</i>	39%	37%	36%	35%	n/a
<i>First Time, F-T Freshmen CIRP: Is English your native language? % responded 'No'.</i>		35%	38%	n/a	37%
<i>NSSE 2004: Combined Freshman and Seniors</i>			44%	n/a	n/a

Freshmen One-Year Retention Rate

The one year retention rate for freshmen has been relatively stable over the last five years despite significant increases in tuition and fees. It remains lower than our peer average. All peers have residence life on campus.

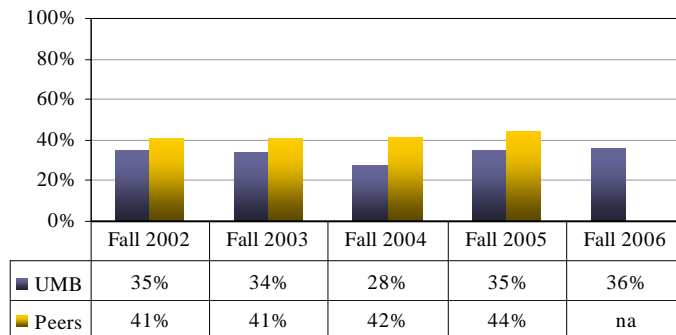


Freshmen Six-Year Graduation Rate

The Fall 2000 entering cohort (reported as Fall 2006) graduation rate was 36%. This is an increase over Fall 2005 and 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

This shows the one year retention rate of all entering full-time transfer students. The rates cannot be compared nationally as no such data are available.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
<i>Percent</i>	66%	71%	70%	71%	75%

Transfer Four-Year Graduation Rate

The four year transfer graduation rate decreased from 67% Fall 2005 to 63% in Fall 2006. There are no peer comparisons available for this indicator as these statistics are not collected nationally.

	<i>Fall 2002</i>	<i>Fall 2003</i>	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>
<i>Percent</i>	66%	69%	65%	67%	63%

SERVICE TO THE COMMONWEALTH

% Graduates Who Live in Massachusetts

The majority (78%) of undergraduate and graduate alumni of UMB stay, work, and pay taxes in Massachusetts.

The implementation of new software and a review of address data 'reduced' the percentage of graduates shown as living in MA in Fall 2006.

	<i>Fall 2002</i>	<i>Fall 2003</i>	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>
<i>Undergraduate</i>	80%	80%	80%	81%	78%
<i>Graduate</i>	80%	80%	80%	81%	76%
<i>All</i>	80%	80%	80%	81%	78%

Enrollment in STEM Programs

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

Enrollments have grown by 12% between Fall 2004 and Fall 2006

	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>
<i>Total Enrollment</i>	9,371	10,026	10,657
<i>STEM Enrollment</i>	1,327	1,365	1,491
<i>% STEM Enrollment</i>	14%	14%	14%

Degrees Awarded in STEM Fields

The number of degrees and certificates awarded in STEM programs has declined slightly between AY03 and AY05.

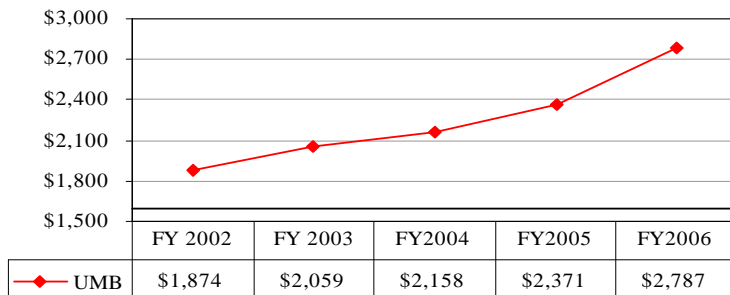
	<i>2003-04</i>	<i>2004-05</i>	<i>2005-06</i>
<i>Total Degrees/Cert. Awarded</i>	2,315	2,376	2,453
<i>STEM Degrees/Cert.</i>	266	284	219
<i>% STEM Degrees/Cert.</i>	11%	12%	9%

FINANCIAL HEALTH

Endowment per Student

The endowment per student continued to increase in FY06 in the context of increased student enrollment and continued increases in the market value of endowment holdings.

Peer data are not available for this measure.



	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
Total (\$000's)	\$19,255	\$20,491	\$21,244	\$22,634	\$24,995

Annual Growth in Endowment

The 10% rate of growth in the endowment in FY 2006 was the largest since FY 2002, reflecting an upturn in the financial markets and the endowment's holdings.

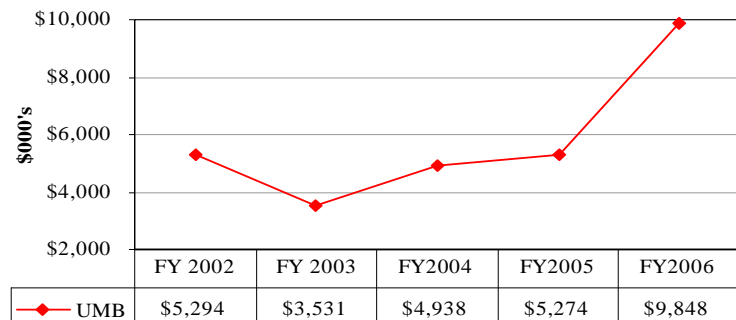
	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
Growth	\$499,711	\$1,235,916	\$753,109	\$1,390,000	\$2,361,000
Percent	3%	6%	4%	7%	10%

Peer data are not available for this measure.

Private Funds Raised Annually

In FY06 private funds increased reflecting a continued upswing in pledges.

We are gratified that the re-vitalization of the University Advancement Office, with experienced staff and added resources is substantially increasing our private fundraising.



Return on Net Assets

This is a new performance measurement and our new financial peers have a much larger aggregate asset base. Our desire is to increase our net asset base at a moderate rate and improve the financial strength of the campus.

	FY 2005	FY 2006
UMB	-1.27%	0.50%
Peer Average	1.97%	3.13%

Financial Cushion

In FY 06, unrestricted and restricted-but-expendable net assets increased during the year, the percentage growth was modest.

	<i>FY 2002</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>
<i>UMB</i>	4.48%	3.68%	6.68%	6.30%	6.50%
<i>Peer Average</i>	13.20%	12.80%	12.50%	12.80%	14.00%

Relative to our peers, UMB finds itself disadvantaged with regard to the financial cushion ratio, as all of our peer institutions are more mature than UMass Boston, and several are aspirant peers.

Debt Service to Operations

The debt service ratio shows a planned increase since FY 02 due to UMB's aggressive capital plan and continuing investment in the infrastructure for science, technology, research, administrative processes, and our new campus improvements. In FY 06, interest expense increased by \$357,000 (8%) to \$4.964 million. We expect a continued increase in the Debt Service to Operations ratio as we undertake additional improvements to the University.

	<i>FY 2002</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>
<i>UMB</i>	2.17%	4.58%	5.03%	4.74%	5.33%
<i>Peer Average</i>	3.34%	6.44%	3.15%	2.66%	3.03%

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 UMB according to admissions policy.

Licensure and certification test pass rates. Pass rate on Massachusetts Teacher Certification Test. Pass rate on National Council Licensure Examination for Registered Nurses.

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 2002. 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.

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.

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.

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. For the 2006 PMS report, the difference will be between the figure for Fall 2005 and Fall 2004.

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. Include faculty members who are on paid leave. Does not include individuals whose primary responsibility is administrative. For the 2006 PMS report, the difference will be between the figure for Fall 2005 and Fall 2004.

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

Year to date enrollments in online courses. The Division of Corporate, Distance and Continuing Education began offering online Education courses in Fall 2000. Count represents course registrations, not headcount enrollments, during a given academic year (Fall-Summer).

Rate of growth in distance education enrollments. Percentage rate of growth in annual online course registrations between AY2001 and AY2005. Does not represent headcount enrollments.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percentage of undergraduate ALANA students. Undergraduates who are African-American, Hispanic/Latino, Asian and/or Native American, divided by total undergraduate U.S. citizens and permanent residents who report race/ethnicity. Data from Census 2000 for the Massachusetts portion of the Boston-MA-NH PMSA are used for comparison.

Percent of first generation college students. Data are from the Spring 2002 & 2004 National Survey of Student Engagement, CIRP Freshmen Survey 2003 & 2004 and 2002 Alumni Survey.

Percent undergraduates who speak English as a second language. Data are from the Retention Study 2002 and the Graduating Senior Survey 2002, 2003 & 2004, CIRP Freshmen Survey 2003 & 2004.

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 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 are from US News and represent 4-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

Percent of graduates who live in Massachusetts.

Percentage of total undergraduate and graduate degree recipients who currently reside in Massachusetts based on alumni records.

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

Degrees 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 per student. Total UMass Boston endowments per annualized FTE student, where FTE of peer institutions is standardized to UMass formula.

Annual growth in endowment. Annual growth in total UMass Boston endowment balance.

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.

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 2007 ANNUAL INDICATORS

The UMass Dartmouth indicators show some continuing progress and some leveling in areas of recent strong growth. The campus has reached or exceeds the level of its peer institutions on many indicators. The indicators highlighted below are indicative of the campus's successes in the past few years. Also highlighted are areas of change. As UMass Dartmouth reaches towards the Doctoral Carnegie classification, 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 scores help us gauge whether our admissions quality is matched in 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. A decision to grow freshman enrollments combined with a state-wide decline in SATs has led to a decline in this measure. However, we have retained our quality in frosh students' high school GPAs, which are better predictors of eventual academic success than are SATs. The new indicator for Pell grants shows one quarter of our entering frosh students receiving this form of financial aid. 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. The Dartmouth indicator for Sponsored Research/Faculty has more than tripled in seven years, going from \$19,769 per faculty member in FY 1999 to \$63,916 in FY 2006. The total sponsored research activity was \$20.389 million in FY 2006; and at \$9.515 million, federally-funded research is well represented, indicating the Dartmouth campus' involvement in meeting national priorities through research and development. 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.

This year's decline in research and scholarship indicators can be explained by the conclusion of some major grants. Currently, because of many recent retirements, over a third of our faculty are untenured. Junior faculty show high potential in their striving to achieve funded research success.

STUDENT SUCCESS AND SATISFACTION

In spite of declining, 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 freshmen success.

DEGREES GRANTED

In 2006, UMass Dartmouth graduated 1,406 students, at all levels (as seen in the indicator on STEM degrees), 156 more than in 2005. Because eighty percent of our graduates remain in Massachusetts, the degrees we grant make a direct, important contribution to the Commonwealth. Although we are still small in doctoral education, we have now produced 26 PhDs at the UMass Dartmouth campus.

SERVICE TO THE COMMONWEALTH

The two indicators help tell the story of UMass Dartmouth's successes in achieving our mission to "act as an intellectual catalyst for regional, economic, social, and cultural development."

Under the heading "Regional Impact" are assembled examples of UMass Dartmouth's transformational impact in the region. The examples—including cultural, artistic, athletics, and intellectual events hosted; economic development, technology development, rehabilitation, and K-12 projects undertaken; and library usage by the community—highlight the campus's extensive regional influence.

FINANCIAL HEALTH

We have continued to address fiscal challenges. Strong progress continues on reducing a major structural deficit. 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. Current and anticipated state allocation projections will assist us in keeping our core missions strong.

2007 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of Freshmen	3.05
• SAT Scores of Freshmen (average)	1046
• SAT Scores of Freshmen (25 th -75 th)	970 - 1130
• Licensure/Certification Pass Rates	
<i>Mass Teacher Test</i>	98%
<i>Nursing</i>	86%
• Sponsored Research/Faculty	\$63,916
• Sponsored Research	\$20,389,224
• Federal Research Support	\$ 9,514,598
• New Tenured/Tenure-Track Faculty Hired	13
• Change in Tenured/Tenure-Track Faculty	+ 6
• Change in Faculty FTE	+ 10

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM programs	1,676 (20%)
• Degrees Awarded in STEM fields	251 (18%)
• Regional Impact (Narrative)	

FINANCIAL HEALTH

• Endowment Per Student	\$2,746
• Endowment Assets	\$20,814,756
• Private Funds Raised Annually	\$ 3,632,334
• Return on Net Assets	6.6%
• Financial Cushion	-1.2%
• Debt Service to Operations	7.0%

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	25%
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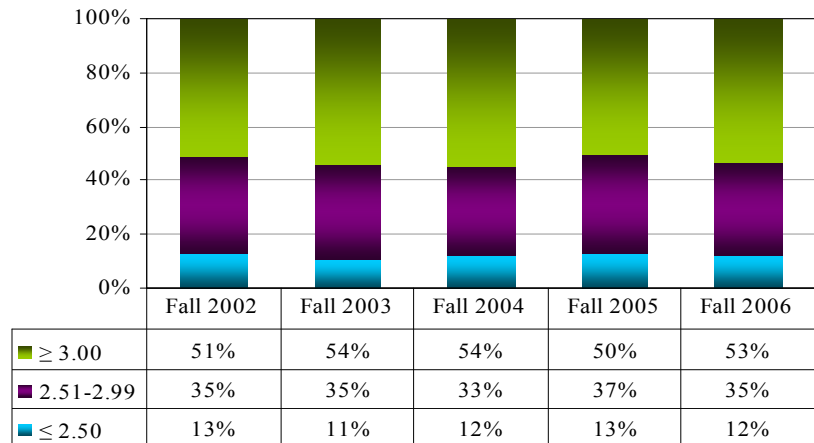
STUDENT SUCCESS AND SATISFACTION

• Freshman One-Year Retention Rate	74%
• Transfer One-Year Retention Rate	77%
• Freshman Six-Year Graduation Rate	48%
• Transfer Six-Year Graduation Rate	77%

ACADEMIC QUALITY

High School GPA of Freshmen

Since fall 2002 our GPA quality levels have held steady at slightly over 3.0 during a period of rapid growth in freshman class size. 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.



	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
<i>Average</i>	3.02	3.06	3.08	3.03	3.05

SAT Scores of Freshmen

From fall 2002 through fall 2005 our SAT quality levels improved steadily during a period of rapid growth in freshman class size. Fall 2006 scores indicate a marginal decline consistent with statewide and national trends. Preliminary data for the current year indicates a rebound in scores. At this level, UMass Dartmouth is succeeding in its goal of maintaining a strong student quality profile while also fostering access.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006	Peers
<i>75th %ile</i>	1130	1130	1140	1150	1130	1173
<i>25th %ile</i>	970	980	980	990	970	971
<i>Average</i>	1047	1058	1058	1064	1046	1072

Licensure and Certification Test Pass Rates

UMass Dartmouth Nursing students' performance on the licensure examination is acceptable, with an 86% pass rate. Performance on the Massachusetts Tests for Educator Licensure shows all but one students passing all three portions—Basic Skills Reading, Basic Skills Writing, and the Academic Content Area. Students generally may not enter the teacher preparation program before passing both the skills and content tests. 100% of our Adult Nurse Practitioner graduates passed the American Adult Nurse Practitioner Certification test, while the nationwide pass rate is 84%.

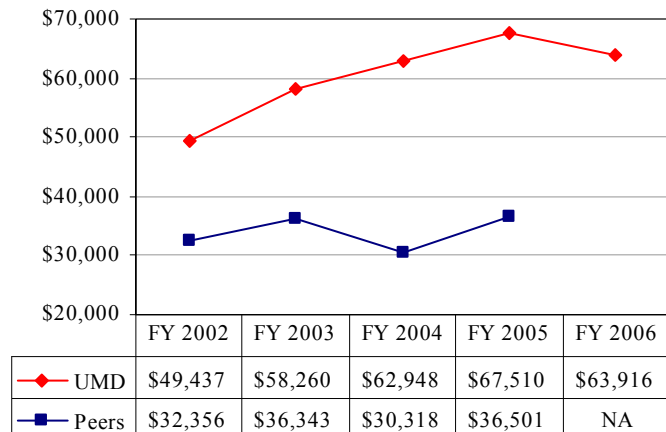
Nursing Licensure	2004	2005	2006
<i>Pass rate:</i>	90%	91%	86%
<i>National Average:</i>	85%	87%	88%
<i>Number Tested:</i>	60	55	77

Teacher Preparation	2004	2005	2006
<i>Pass rate:</i>	100%	100%	98%
<i>State Average:</i>	95%	96%	97%
<i>Number Tested:</i>	55	54	46

Sponsored Research per Faculty

After a dramatic 5-year trend of increase in this indicator, UMass Dartmouth has seen a small one-year decline. Certain large grants have ended and our relatively new faculty are still moving towards their greatest productivity. The total R&D value is over \$20M for FY 2006. Sponsored research per faculty has more than doubled between FY 2001 and FY 2005. We are considerably ahead of our peers in this indicator; FY 2005 is the latest year for which peer comparisons are available. Aspirant peers are included in the peer data.

Increasing research and scholarly activity is a key component in UMass Dartmouth's strategic plan. 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 in Nursing and Portuguese-related studies could have the potential to strengthen this indicator.



Total R&D Value (in Millions)				
FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
\$15.721	\$17.012	\$18.758	\$21.131	\$20.389

Federal Research Support

The federally funded portion of overall R&D activity reflects the same trends as overall sponsored research. Still, we are considerably ahead of our peers in this indicator; FY 2005 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. For comparability with peers, we report on federal research support in science and engineering only; adding in other fields increases the total by \$377K.

(in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
UMD	\$7.142	\$8.718	\$9.537	\$10.190	\$9.515
Peers	\$5.723	\$6.466	\$5.055	\$5.364	NA

New Tenured/Tenure-Track Faculty Hired

This indicator measures number of new faculty hired to the tenure track or with tenure, starting their positions in 2005-2006. In the longer run, this indicator will provide data about the pipeline to tenure at UMass Dartmouth.

	AY 2005-2006	AY 2006-2007
UMD	25	13

Change in Tenured/Tenure-Track Faculty

This indicator measures 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.

	Fall 2004	Fall 2005	Fall 2006	1-year Change
UMD	298	313	319	6

Change in Faculty FTE

This indicator measures the difference in the total FTE of instruction from one fall semester to the next. For all full-time and part-time *instructional* faculty teaching state-supported courses. Not included are individuals whose primary responsibility is administrative, teaching assistants, and continuing education instructors.

	Fall 2004	Fall 2005	Fall 2006	1-year Change
UMD	408	417	427	10

ACCESS AND AFFORDABILITY

% Pell Grant Recipients

This indicator represents the access that UMass Dartmouth offers to low-income undergraduate students. It reports on in-state undergraduates.

	Fall 2005	Fall 2006
UMD	27%	25%

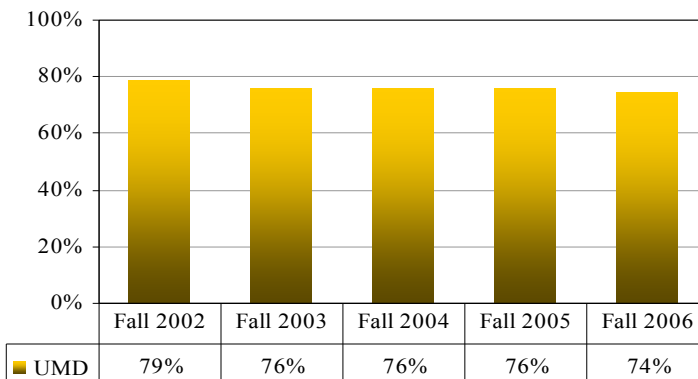
STUDENT SUCCESS AND SATISFACTION

Freshman One-Year Retention Rate

Nearly three quarters (74%) of last fall's first-time, full-time freshmen were still enrolled as of the next fall. This is slightly below the previous year and our goal.

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 79% on this measure.

There is a multitude of possible influences on this indicator, and the campus has begun a comprehensive study of both retention and graduation rates so that it can take meaningful action as it makes the transition to being a full-fledged residential campus.



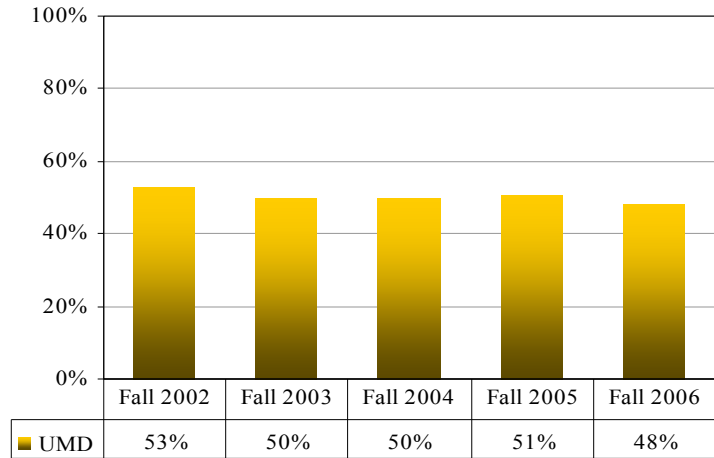
2-yr average from US News 2007 Edition (Fall 2005): Comparative Peers 79%

Freshman Six-Year Graduation Rate

Nearly half (48%) of the first-time, full-time freshmen who entered in fall 1999 had graduated from UMass Dartmouth by the end of the 2006 calendar year.

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%. The rate reported for peers in the chart excludes aspirant peers, it is 57% with aspirants included.

There is a multitude of possible influences of this indicator and the campus has begun a comprehensive study of both retention and graduation rates. UMass Dartmouth has a long-range goal of exceeding 55% on this measure—a goal designed to challenge the institution.



3-year average from US News 2007 Edition (Fall 2005): Comparative Peers 54%

Transfer One-Year Retention Rate

This indicator shows that 77% percent of last fall's entering transfer students were either still enrolled as of the next fall or had completed their program. We are meeting the needs of the large proportion of these students. We also note that today's students have a wide range of reasons for transferring, and more and more do so readily. Transfer students are important in the university's enrollment and access goals.

	Fall 2003	Fall 2004	Fall 2005	Fall 2006
<i>Percent</i>	78%	76%	74%	77%

Transfer Four-Year Graduation Rate

This indicator shows that 77% percent of the full-time upper division transfer students who entered in fall of 2002 had completed their program by Fall 2006. Upper division transfer students are those who entered with 60 or more credits.

	Fall 2003	Fall 2004	Fall 2005	Fall 2006
<i>Percent</i>	77%	77%	79%	77%

This rate of degree completion for transfer students suggests we are their school of choice for degree completion. Our regional community colleges are the major source of students who enter with 60 or more credits; under the Joint Admission program, these students complete their associate's degrees and then transfer here.

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, medical laboratory science, mathematics, engineering (civil, computer, electrical, mechanical), computer science, physics, materials/textiles, biomedical engineering/biotechnology, and marine science/technology.

	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>
<i>Total Enrollment</i>	7,619	7,949	8,242
<i>STEM Enrollment</i>	1,630	1,609	1,676
<i>% STEM Enrollment</i>	21%	20%	20%

1,676 students enrolled in STEM fields in 2006 -- 67 more than the previous year. The Engineering College showed the highest growth in freshman among the colleges in 2006.

Degrees Awarded in STEM Fields

This indicator demonstrates our commitment to educating students in Science, Technology, Engineering, and Mathematics (STEM) fields. These graduates enter the workforce or pursue further education across the range of science, engineering, and mathematics fields.

	<i>2003-04</i>	<i>2004-05</i>	<i>2005-06</i>
<i>Total Degrees/Cert. Awarded</i>	1,273	1,302	1,406
<i>STEM Degrees/Cert.</i>	269	245	251
<i>% STEM Degrees/Cert.</i>	21%	19%	18%

Regional Impact

This summary highlights many activities. It is not exhaustive, but indicates the range and effect of programs, activities, and events that are available to the greater community:

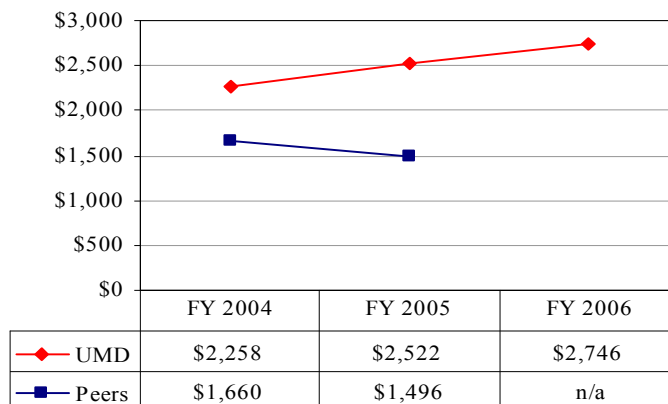
- According to a Donahue Institute study, UMass Dartmouth has a \$428 million impact on the regional economy and creates 2,723 jobs.
- The Center for Marine Sciences and Technology in New Bedford, Advanced Technology Manufacturing Center in Fall River, and main campus laboratories have created an "innovation triangle" that supports and grows the southeastern Massachusetts economy by developing ideas into jobs.
- The Star Store arts campus in downtown New Bedford attracts thousands of visitors to its studios and events, enlivening the creative economy of the city.
- More than 100 UMass Dartmouth students will contribute nearly 6,000 hours of reading tutoring to elementary school students via the America Reads program in 2006-2007.
- A dozen nursing students assisted the Dartmouth Council on Aging in health-related education programs for seniors.
- The Centers for Portuguese Language and Culture, Business Research, Indic Studies, Jewish Culture, Gerontology, and French Language and Culture hosted more than 100 different public events—including lectures, seminars, professional development workshops, and conferences—for thousands of participants.
- Thousand of people have participated in institutes, workshops, conferences, and courses for educational and K-12 development, including activities of the Southcoast Educational Compact, the Center for University and School Partnerships, Connecting Oceans Academy, and the Buzzards Bay Writing Project. To date, our Spotlight program has brought 2,000 high-achieving high school students to campus.
- The Changing Lives through Literature alternative sentencing program has helped more than 4,000 first-time offenders.
- The library has 162 regional people as members of the Library Associates, and hosted dozens of events that are open to the community.

FINANCIAL HEALTH

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 \$20,814,756 in FY 2006 is projected to continue to grow. The total endowment has nearly tripled since the FY 1998 figure of \$7,293,000.



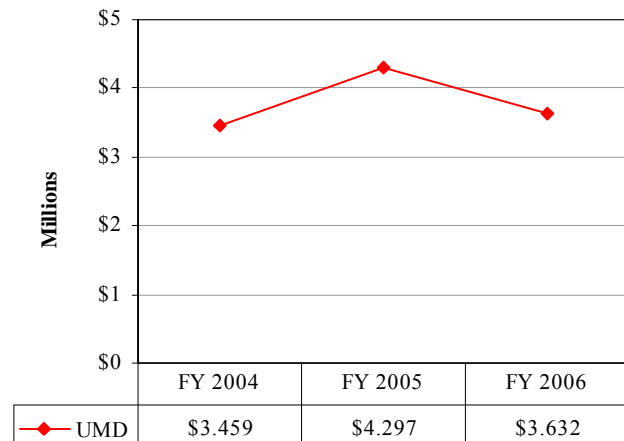
Endowment Assets

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

(in Millions)	FY 2004	FY 2005	FY 2006
UMD	\$14.752	\$18.267	\$20.815

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 begin to increase fairly consistently from FY07 to FY10. This can be attributed to the investment the campus has made and will continue to make around institutional advancement.



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.

	FY 2005	FY 2006
UMD	5.89%	6.59%
Peers	3.17%	3.65%

UMass Dartmouth's return on net assets has and will continue to grow over the next 5 years through strategic management of the Unrestricted Fund Balance.

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 seven years ago, when this ratio was negative 7.2% and the campus had an "Unrestricted Net Asset" balance of negative \$9,055,000. The improved position represents a savings of approximately \$5 million. Positive operating results combined with the funding of liabilities will serve to diminish the negative financial cushion over time. The campus achieved cash equilibrium in fiscal 2002 and anticipates that the cash balance will increase each year. By FY 2008, the projected ratio is expected to reflect a positive cushion – with still more rapid improvement in FY 2009-2011.

	FY 2004	FY 2005	FY 2006
UMD	-2.1%	-2.7%	-1.2%
Peers	n/a	6.7%	6.2%

Debt Service to Operations

Campus construction, primarily related to housing, has increased this ratio; however this increase can be offset by the campus's increased return on net assets ratio – a measure of the overall financial strength of an institution. This ratio remains below the 10% threshold.

	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>
<i>UMD</i>	6.9%	5.4%	7.0%
<i>Peers</i>	4.0%	3.2%	4.1%

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.

Licensure and Certification Test Pass Rates. Pass rate on Massachusetts Teacher Test and pass rate on Nursing Licensure Exam. Official data as reported annually to the testing organizations. Data are for test administrations in 2006.

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 science and engineering fields, from all federal sources, as reported to NSF. Peer data are from NSF.

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.

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.

Enrollment in Corporate Education and Training. Count of individuals engaged in the fall semester in the range of corporate educational and training activities sponsored at UMass Dartmouth through the Division of Continuing Education and at the Advanced Technology Center.

STUDENT SUCCESS AND SATISFACTION INDICATORS

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.

Regional Impact. Presented is a narrative of significant activities and programs, with a number of facts and statistics cited. Sources include annual reports, newspaper clipping services, and alumni records.

FINANCIAL HEALTH INDICATORS

Endowment per Student. True and quasi-endowment per annualized FTE student, where FTE of peer institutions is standardized to UMass formula. Peer data are from financial statements and IPEDS.

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.

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.

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 2007 ANNUAL INDICATORS

ACADEMIC QUALITY

Every program in Lowell's colleges/school, 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 1070.

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. Although we stand at \$62,277 of research expenditure per year per faculty, we need to continue our efforts to reach a goal of about \$90,000 per year per faculty.

STUDENT SUCCESS AND SATISFACTION

Lowell's one-year retention rate has remained stable and above its peer mean. This is despite many of our students coming from lower socio-economic backgrounds with parents who did not attend college. Our six-year graduation rate appears to be improving, while that of our transfers remains high. Lowell's transfer student success is reflected in the fact that almost half of bachelors awarded annually go to transfers.

ACCESS AND AFFORDABILITY

UMass Lowell works 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. Lowell recognizes the importance of strong K-12 systems and supports those in the region through, literally, scores of partnerships and programs.

The state is expected to experience only a slight drop in the number of high school graduates over the coming years. In order to maintain affordability and to entice high achieving students to the campus, Lowell has instituted a program to offer 30 community college transfer students scholarships of \$2,500 annually. The campus has also increased the amount of Dean's Scholarships, awarded to 60 incoming freshmen each year, to \$4,000. Meanwhile, in 2006, the campus made offers to meet 93 percent of students' identified need.

SERVICE TO THE COMMONWEALTH

The portion of Lowell's mission dealing with service and outreach is focused on four efforts: (1) to assist the region's enterprise to innovate, (2) to assist the region's K-12 system, (3) to assist the health of the region's environment and citizens, and (4) to assist in strengthening the vitality of the region's communities. A significant number of Lowell faculty from a wide variety of academic disciplines are engaged in these four areas and they have secured considerable funding from government agencies and private foundations.

UMass Lowell through its Division of Continuing Studies and Corporate Education provides high quality professional studies in innovative formats including campus based classes, online education and customized corporate training. With over 25 degree and certificate programs at the undergraduate and graduate level, the Division serves numerous economic sectors including health, education, engineering, information technology, social services and criminal justice. Lowell promotes regional economic development by partnering with companies across the Commonwealth to deliver customized education and training programs for their employees, many of which are delivered on-site.

FINANCIAL HEALTH

The Lowell campus has benefited from increased State funding during the past year. In addition, the legislature's new focus on public higher education suggests the stabilization of resources through at least the next several years. Lowell's three revenue sources show promise: fund raising, continuing studies, and the commercialization of research is poised to increase, especially in areas related to nanomanufacturing.

2007 ANNUAL INDICATORS AT A GLANCE**ACADEMIC QUALITY**

• Average HS GPA of First-Time Freshmen	3.14
• Average SAT Score of First-Time Freshmen	1070
• Licensure And Certification Test Pass Rates	
<i>Massachusetts Teacher Test</i>	98%
<i>Physical Therapy</i>	94%
<i>Nursing/NYCLEX</i>	94%
• Number of Doctorates Awarded	93
• Total Research Expenditures	\$23,852,000
• Research Expenditures Per Faculty	\$62,277
• Number of Patent Applications	11
• License Income	\$309,000
• New Tenure/Tenure-Track Faculty Hired	25
• Change in Tenured/Tenure-Track Faculty	+22
• Change in Total Faculty FTE	+20

ACCESS AND AFFORDABILITY

• % Pell Grant Recipients	20%
• % of Need Met for Students Awarded Need-Based Aid	93%
• Online Course Enrollments	7,848
• Rate of Growth in Online Course Enrollments	8%
• Annual Course Enrollments in Corporate Education and Training	16,316

STUDENT SUCCESS AND SATISFACTION

• % of Undergraduate Students who are ALANA	21%
• Freshman One-Year Retention Rate	76%
• Freshman Six-Year Graduation Rate	46%
• Transfer One-Year Retention Rate	74%
• Transfer Four-Year Graduation Rate	69%

SERVICE TO THE COMMONWEALTH

• Enrollment in STEM Programs	3,093 (34%)
• Degrees Awarded in STEM Fields	783 (38%)

FINANCIAL HEALTH

• Total Endowment	\$25,949,000
• Endowment Per Student	\$3,071
• Annual Growth In Endowment	12%
• Private Funds Raised Annually	\$7,400,000
• Return on Net Assets	-1.9%
• Financial Cushion	4.8%
• Debt Service To Operations	3.3%

ACADEMIC QUALITY

High School GPA of First-Time Freshmen

For the fifth 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 has become quite small.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
≥ 3.00	52%	54%	54%	57%	57%
2.51 - 2.99	40%	37%	38%	37%	37%
≤ 2.50	8%	9%	8%	6%	6%
<i>Average</i>	3.07	3.09	3.09	3.14	3.14

SAT Scores of First-Time Freshmen

Following state and national annual trends in SAT scores as reported by the Educational Testing Service, Lowell's scores exhibit a decrease. However, UML's percentile scores still compare favorably to our peers. Several peers and aspirants use ACT, and their SAT-equivalent scores were calculated using the ACT-SAT conversion table.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006	Peers Fall 2005
75th %ile	1150	1170	1170	1170	1160	1154
25th %ile	960	1010	1010	1010	980	931
<i>Average</i>	1081	1093	1091	1094	1070	1043

Licensure and Certification Test Pass Rates

Lowell's students continue to perform well in exams for careers that require special certification. Their success is linked to UML's commitment to preparing its graduates for the workforce.

	Pass Rate	Test Takers	Passed	National Average
<i>Physical Therapy (2006)</i>	94%	18	17	83%
<i>Nursing/NCLEX (2006)</i>	94%	56	54	88%
<i>Nurse Prac/ANCC (2006)</i>	100%	4	4	93%
<i>MTEL Teacher Test (2006)</i>	98%	49	48	97%*

*MA rate

Number of Doctorates Awarded

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

	2001-02	2002-03	2003-04	2004-05	2005-06
<i>UML</i>	43	69	96	72	93
<i>Peers</i>	43	44	44	48	50

Research Expenditures and Expenditures per Faculty

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

	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
<i>UML</i>	\$20,656	\$22,827	\$22,783	\$22,163	\$23,852
<i>Peers</i>	\$41,976	\$45,065	\$51,931	\$54,919	n/av

Total Research and Development Expenditures per Faculty

	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
<i>UML</i>	\$51,002	\$57,211	\$63,111	\$61,393	\$62,277
<i>Peers</i>	\$84,100	\$87,921	\$113,084	\$111,201	n/av

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 2002	FY 2003	FY 2004	FY 2005	FY 2006
<i>UML</i>	12	12	5	9	11

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 a license will begin to generate significant income, but FY 2006's license income remains encouraging.

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
<i>UML (\$000's)</i>	\$25	\$105	\$72	\$338	\$309

New Tenured/Tenure-Track Faculty Hired

The continued increase in number of full-time tenured/ tenure track faculty through the fall of 2006 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.

	AY 2005-2006	AY 2006-2007
<i>UML</i>	35	25

Change in Tenured/Tenure-Track Faculty

The net increase in the number of full-time tenure track faculty demonstrates a commitment to rebuilding the faculty after the waves of early retirements in the early 2000s.

	Fall 2004	Fall 2005	Fall 2006	1-year Change
<i>UML</i>	360	383	405	22

Change in Faculty FTE

State-supported faculty FTE reflects visiting faculty and lecturers as well as full-time tenured and tenure track faculty. The one-year increase mirrors primarily the hiring of full-time tenure track faculty and progress toward achieving targeted faculty size.

	Fall 2004	Fall 2005	Fall 2006	1-year Change
<i>UML</i>	449	472	492	20

ACCESS AND AFFORDABILITY

% Pell Grant Recipients

Percentage of degree seeking undergraduates receiving federal Pell Grants (need based) is a new indicator. Lowell's peers' geographical distribution includes several states with lower average family income; therefore a greater proportion of peers' undergraduates appears Pell eligible.

	Fall 2005	Fall 2006
<i>UML</i>	24%	20%
<i>Peers</i>	28%	n/a

% of Need Met for Students Awarded Need-Based Aid

This statistic is data element H2-i, for full-time undergraduates, from the Common Data Set which many institutions provide. UML has long striven to meet substantially all demonstrated financial need of students awarded need-based financial aid.

	2002-03	2003-04	2004-05	2005-06	2006-07
<i>% need met</i>	96%	97%	97%	93%	93%
<i>Peers (6 of 8)</i>	<i>n/av</i>	69%	70%	63%	n/a

Rate of Growth in 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.

Online Courses	AY 2002	AY 2003	AY 2004	AY 2005	AY 2006
<i>Enrollment</i>	4,998	6,216	6,706	7,300	7,848
<i>% increase from prior year</i>	33%	24%	8%	9%	8%

Enrollments in Corporate Education and Training

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.

	AY 2002	AY 2003	AY 2004	AY 2005	AY 2006
<i>UML</i>	18,869	18,076	17,328	14,551	16,316

STUDENT SUCCESS AND SATISFACTION

% Undergraduate ALANA Students

UML's proportion of students of color, especially those of Asian and Hispanic origin, reflects the area's changing demographics and feeder high schools. According to Fall 2000 census figures, the ALANA percentage for Northern Middlesex Co. was 15%. Lowell's figures represent percent of students who are U.S. citizens of known race, and the number of all students reporting ethnicity has increased.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
<i>Number</i>	914	1,023	1,012	1,309	1,438
<i>Percent</i>	21%	20%	21%	21%	21%

Freshman One-Year Retention Rate

Lowell's one-year retention rate has been relatively stable over the five-year period and has remained slightly higher than our peers. A number of coordinated efforts have been launched to promote the persistence of more first-time freshmen at UMass Lowell.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
<i>UML</i>	74%	75%	76%	74%	76%
<i>Peers</i>	72%	72%	72%	72%	n/av

Freshman Six-Year Graduation Rate

As of Fall 2005, the latest year available for our peers, Lowell's 2005 rate is higher than its peers (including aspirant peers). For Fall 2006, the freshman 6-year graduation rate held steady at 46%.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
<i>UML</i>	44%	42%	46%	46%	46%
<i>Peers</i>	42%	42%	43%	43%	n/av

One-Year Retention Rate for Full-time Transfers

Transfers make up a substantial proportion of Lowell's new student pool. Over a four-year span, the one-year retention rate is high, reflecting the fact that UMass Lowell is a particular school of choice for this applicant population.

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
<i>Transfer One-Year Retention Rate</i>	71%	68%	72%	70%	74%

**Peer data not available*

Four-Year Graduation 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>Transfer Four-Year Graduation Rate</i>	<i>Fall 2002</i>	<i>Fall 2003</i>	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>
	55%	70%	70%	73%	69%

**Peer data not available*

SERVICE TO THE COMMONWEALTH

Enrollment in STEM Programs

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

	<i>Fall 2004</i>	<i>Fall 2005</i>	<i>Fall 2006</i>
<i>Total Enrollment</i>	8,428	8,290	9,071
<i>STEM Enrollment</i>	2,555	3,032	3,093
<i>% STEM Enrollment</i>	30%	37%	34%

Degrees Awarded in STEM Fields

Over a third of Lowell's awards are in STEM fields. (Degree awards correlate with enrollment and transfer patterns from the prior 3--7 years). While not eligible for the SMART Grant Program which require 3 years' education, UML's wide variety of undergraduate and graduate certificate programs serve to lead students in STEM career paths.

	<i>2003-04</i>	<i>2004-05</i>	<i>2005-06</i>
<i>Total Degrees/Cert. Awarded</i>	2,244	2,126	2,067
<i>STEM Degrees/Cert</i>	971	795	783
<i>% STEM Degrees/Cert.</i>	43%	37%	38%

FINANCIAL HEALTH

Total Endowment and Endowment per Student

The FY06 total endowment increased \$2,681,000. The endowment per student increased as a result of the increase in the total endowment and a reduction in the FTE students. The FTE students for FY06 was 8,450, a reduction of 106 FTE students from FY05.

	<i>FY 2002</i>	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>
<i>UML total (\$000's)</i>	\$15,718	\$16,596	\$19,289	\$23,268	\$25,949
<i>Per student</i>	\$1,778	\$1,869	\$2,180	\$2,719	\$3,071
<i>Peer average</i>					\$6,066

Annual Growth in Endowment

In FY06, the endowment grew 12%.

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
<i>UML</i>	-7%	6%	16%	21%	12%

Private Funds Raised Annually

In FY06, the private funds raised annually included \$6.2M of cash and grants and only \$1.2M for gifts of equipment. For FY01 through FY05, gifts of cash and grants were \$9.1M, \$6.2M, \$4M, \$5.8M and \$7.0M respectively. The majority of the gifts in FY01 - FY03 were gifts of equipment.

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
<i>UML</i>	\$32.5 M	\$43.7 M	\$7.2 M	\$8.4 M	\$7.4 M

Return on Net Assets

The return on net assets is negative as expenditures have exceeded revenues.

	FY 2005	FY 2006
<i>UML</i>	-1.4%	-1.9%
<i>Peers</i>	6.0%	6.7%

Financial Cushion

The FY06 financial cushion decreased slightly to 4.8%.

	FY 2003	FY 2004	FY 2005	FY 2006
<i>UML</i>	6.3%	8.2%	5.0%	4.8%
<i>Peers</i>	12.7%	17.5%	15.7%	15.3%

Debt Service to Operations

The FY06 debt service ratio decreased to 3.3%.

	FY 2003	FY 2004	FY 2005	FY 2006
<i>UML</i>	3.8%	3.9%	3.6%	3.3%
<i>Peers</i>	2.9%	3.2%	2.3%	2.6%

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 not be comparable because percentage of freshmen represented is unknown.

Licensure and certification test pass rates. Pass rates on Massachusetts Teacher Test and on Nursing and Physical Therapy exams.

Doctorates awarded. Number of doctoral level degrees awarded annually as reported to National Center for Educational Statistics (IPEDS Degrees).

Research expenditures and expenditures per faculty. Research and development expenditures as reported to National Science Foundation. The “per faculty” figure is the total research and development expenditure figure divided by total tenure-system instructional faculty as reported to National Center for Educational Statistics (IPEDS Staff and Faculty). Faculty are total tenure-system instructional faculty in the fall semester of each fiscal year.

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

License income. Amount of annual income from license agreements.

Number of 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. For this PMS report, the difference will be between the figure for Fall 2005 and Fall 2006.

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.

ACCESS AND AFFORDABILITY INDICATORS

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

Percentage need met for students awarded need-based aid. Data element H2-i from the CDS, Common Data Set, gives the average percentage of demonstrated financial need that is met by the institution’s award of need-based financial aid to full-time students.

Rate of growth in online course enrollments. Percentage increase in total annual online (distance education) course registrations for the academic years 2002-2006.

Enrollments in corporate education and training. Total annual course registrations in the Division of Continuing/Corporate/Distance Education for the academic years 2002-2006.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Percentage of undergraduate students who are ALANA. Undergraduates who are African-American, Hispanic/Latino, Asian and/or Native American, divided by total U.S. citizens and permanent residents who report race/ethnicity.

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 U.S. News and represent 3-year averages.

Freshman six-year graduation rate. Percent of first-time, full-time freshmen who entered in a given fall and had graduated with six years. Peer data are from US News and represent 3-year averages.

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.

Transfer 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

Total endowment and endowment per student. True and quasi-endowment. The per-student ratio is based on total annualized FTEs, including large numbers of non-degree seeking students in Continuing Education.

Annual growth in endowment. Trends in total endowment, partially reflective of the changing economy.

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 audited financial statements.

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

PEER INSTITUTIONS FOR UMASS LOWELL

Idaho State University
 Montana State University - Bozeman
 New Mexico State University – Main campus*
 Oakland University, Michigan
 University of Louisiana - Lafayette
 University of Maine – Orono*
 University of Rhode Island*
 Wichita State University, Kansas

* *aspirant peer*

HEADLINES FROM THE 2007 ANNUAL INDICATORS

The Worcester campus managed a series of significant changes over the year that bode well for continued future success. Most notable was the award of the 2006 Nobel Prize in Physiology or Medicine to UMass Medical School Professor Craig C. Mello, who shared the honor with his collaborator, Andrew Fire of Stanford. The worldwide prominence and attention focused on the University as a result of this honor highlighted the broad accomplishments of the Worcester faculty and may help in the competition for research dollars from non-federal sources, expected to be flat in the near term. Likewise, the retirement of long-serving Chancellor and Dean Aaron Lazare, and the recruitment of a nationally prominent Dean for the School of Medicine (Terence Flotte, from the University of Florida) begins a new era of leadership committed to research growth in a number of key areas, especially clinical, and ‘bench to bedside’ arenas, while continuing the focus on core educational competencies and the campus service mission to the Commonwealth. Since the last report, the campus broke ground on a new 264,000 square foot Advanced Education and Clinical Practice Center to be devoted to educational technology resources and clinical research programs – another sign of positive change on the campus.

- **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 rates and performance on licensing exams, even as the applicant pool shrinks slightly as a result of demographics; SOM graduates continues to rank the educational experience as highly satisfactory. The nursing educational experience and the vision for future direction in the Graduate School of Nursing are being shaped by a newly appointed Dean with a strong history of clinical resource development. The Graduate School of Biomedical Sciences entering class is not only highly competitive, but defied demographic trends by attracting more than 25% more applications than in previous years – in part attributable to the ‘halo effect’ of the Nobel Prize.
- **Research growth, productivity and faculty recruitment:** As the Lazare Research Building reaches capacity, research productivity is at high levels across the basic science departments. The new Department of Clinical and Translational Science has begun recruitment; senior faculty hires in several basic science departments have attracted internationally known scientists. Growth in real research dollars and non-federal research dollars (an indicator of diversity of funding sources) remains

impacted by the slowing growth of the pool of federal research dollars; new faculty recruitment will increase both productivity and total research support.

- 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. Student access and affordability can be measured and supported by the learning contract option, which in relation to tuition and fees, this measure 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.

Overall, the Worcester campus has handled the spotlight of an international accolade and a senior leadership change without losing focus of its core missions and with increased dedication to diversifying funding, enhancing access and supporting Commonwealth initiatives. As Massachusetts lags other regions in economic recovery, non-research related state funding still tracks at levels below historical norms and thus requires careful allocation of resources to protect core missions.

2007 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average Biology MCAT Scores	10.68
• Licensure/Certification Pass Rates	
<i>USMLE Step 1</i>	96%
<i>USMLE Step 2</i>	96%
<i>GSN State Certification</i>	97%
• % Students “Very Satisfied” With Quality of Their Medical Education	58%
• Sponsored Research Total Dollars	\$161,645,000
• Sponsored Research Per Faculty	\$174,940
• Federal Research Support Per Faculty	\$133,246
• Rank in NIH Funding For Medical Schools	39
• Rank in US News (Primary Care)	11
• Patent Applications Per Year	66
• License Income Per Year	\$25,545,000
• Licensing Income/AUTM Ranking	17
• New Tenured/Tenure-Track Faculty	9
• Change in Tenured/Tenure-Track Faculty	+3
• Change in Faculty FTE	+8

ACCESS AND AFFORDABILITY

• Tuition & Fees	\$14,062
Tuition & Fees (Including Adjust. for Learning Contract)	\$ 8,494

STUDENT SUCCESS AND SATISFACTION

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

• Enrollment in STEM Programs	354 (36%)
• Degrees Awarded in STEM Fields	27 (17%)
• Service to State Agencies	\$352,603,000

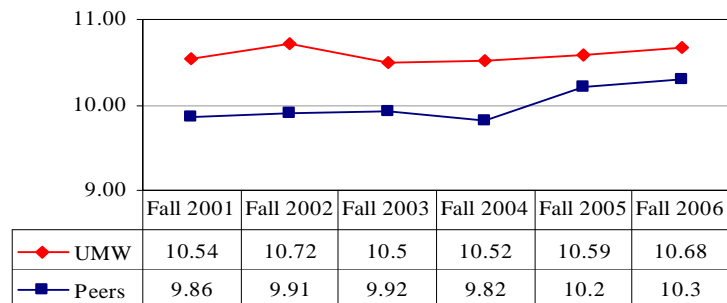
FINANCIAL HEALTH

• Total Endowment	\$47,632,000
• Endowment Per Student	\$49,603
• Private Funds Raised Annually	\$5.8M
• Return on Net Assets	2.4%
• Financial Cushion	27.8%
• Debt Service to Operations	2.0%

ACADEMIC QUALITY

Mean Biology MCAT Score

The MCAT score provides a rough 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 six years, the mean MCAT score for 1st year medical students has been consistently higher than the peer average.

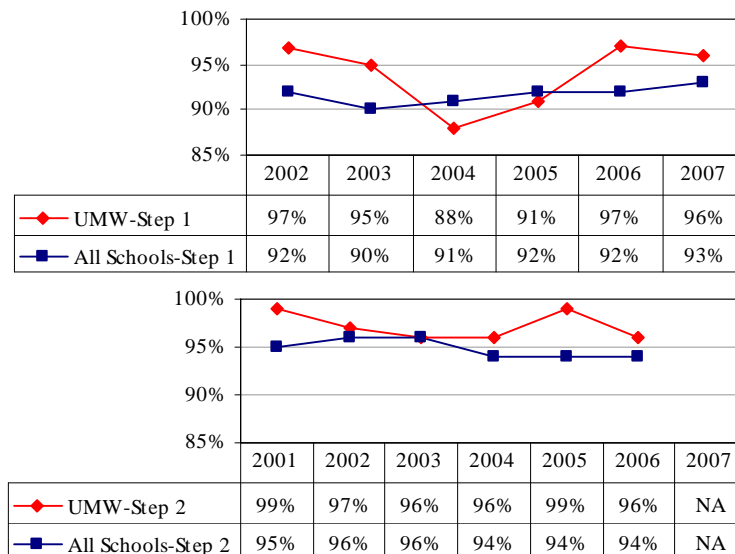


Pass Rates on USMLE Step 1 and Step 2

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.

Step 1 exam covers basic science information and is taken in most medical schools at the end of the second year; Step 2 covers clinical science information and is usually taken during the fourth year.

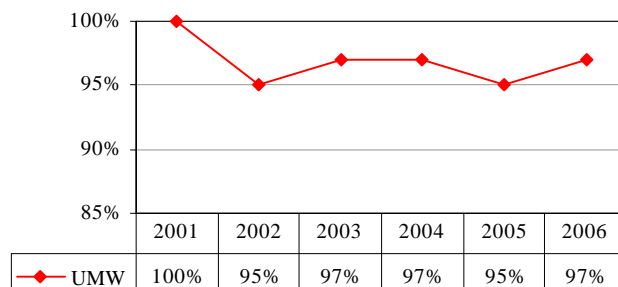
Rates reflect the level of knowledge of UMMS students in comparison to students from other medical schools.



Data by Class Year

Pass Rates on Nursing Board Certification

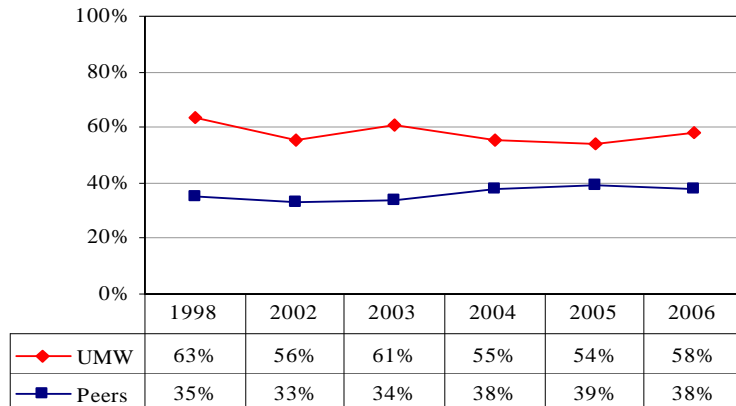
Board certification signifies advanced practice clinicians who have met requirements for clinical and functional practice in a specialized field, pursued education beyond basic preparation, and received the endorsement of their peers. After meeting these criteria, health care professionals take certification 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 83-86%.



Data by Class Year

% Graduates "Very Satisfied" with Medical Education

From the *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.

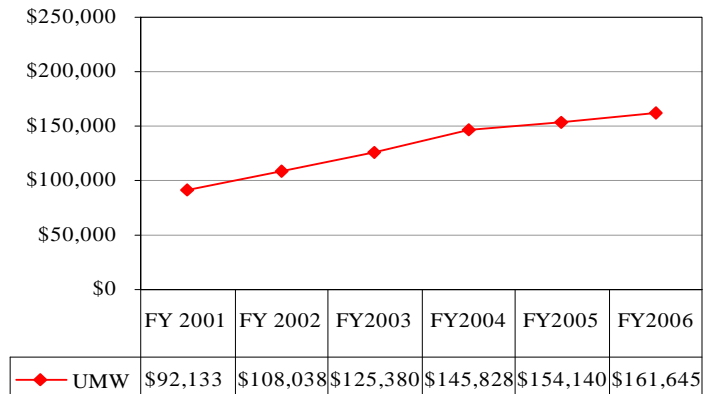


Data by Class Year

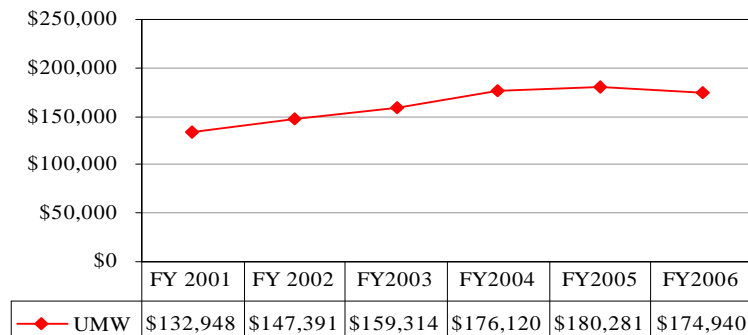
Sponsored Research

The Worcester Campus continues to be in the midst of predicted research enterprise expansion with the addition of the Lazare Research Building (LRB) and the continued hiring of new faculty with a research focus. Real research dollars and non-federal research dollars (an indicator of diversity of funding sources) continues to grow. There has been a 72% increase in R & D expenditures since FY01. New faculty recruitment will continue to increase both productivity and total research support. Peer comparison is not available due to size of peer group.

Sponsored Research Total Dollars (in \$000's)

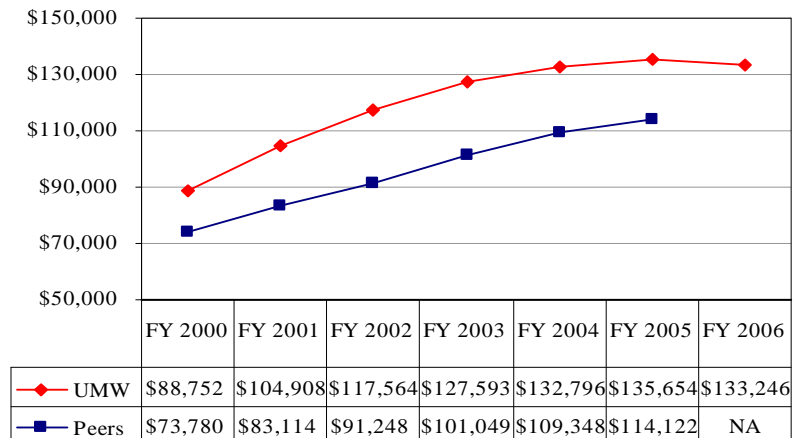


Sponsored Research Per Faculty



Federal Research Support per Faculty

Federal Research Support per Faculty is a rough measure of faculty involvement in research. The amount of funding through federal research grants and contracts is a standard for measuring the success of a medical institution's faculty in achieving research goals. UMMS federal research continues to grow as predicted, with the addition of the new Lazare Research Building and the continued recruitment of new faculty with a research focus.



NIH Ranking Among Medical Schools

The National Institutes of Health ranks recipients of NIH funds on an annual basis, reflecting awards made during the federal fiscal year, October 1st to September 30th. The ranking of medical schools segments approximately 125 medical schools and ranks them in order of total NIH funds received during the preceding fiscal year. The ranking provides a benchmark to compare growth of NIH funded research in terms of other medical schools. For FY2005, only 24 public medical schools out of a total of 75 (or 32%) ranked in the top 50. FY2006 ranking is not yet available.

	FY 2002	FY2003	FY2004	FY2005	FY2006
UMW	40	41	41	39	*NA

* 2006 number will be available in Spring 2007

US News Ranking

Ranking of Medical Schools with special emphasis in Primary Care. The UMMS Ranking is on 144 schools comprised of 125 medical schools and 19 schools of osteopathic medicine. 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 2003	FY 2004	FY 2005	FY 2006	FY 2007
UMW Rank	12	3	4	4	11

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. FY2004 was an unusual year in that the number of applications filed was significantly higher than FY2003. These numbers are expected to increase in the future as our newly hired investigators begin to make their invention disclosures.

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
UMW	44	92	151	93	66

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 2002	FY 2003	FY 2004	FY 2005	FY 2006
UMW	\$14,516	\$19,161	\$26,212	\$27,694	\$25,545

AUTM Ranking/Licensing Income

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 94% of UMASS System total licensing revenue. FY2004 is the most recent data available.

	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	*FY 2005
UMW	21	16	21	21	17	NA
Total	142	198	213	231	220	NA

*FY 2005 data available Summer 2007

New Tenured/Tenure-Track Faculty Hired

In FY 2006, UMMS hired 9 new tenured/tenure-track faculty as the campus continues to recruit new faculty in support of the on-going plan to grow the research enterprise.

	FY 2005	FY 2006
UMW	14	9

Change in Tenured/Tenure-Track Faculty

There were 3 more tenured/tenure-track faculty in Fall 2006 than in Fall 2005. UMMS continues to grow its faculty in support of the on-going plan to grow the research enterprise.

	Fall 2004	Fall 2005	Fall 2006	1-year Change
UMW	187	191	194	3

Change in Faculty FTE

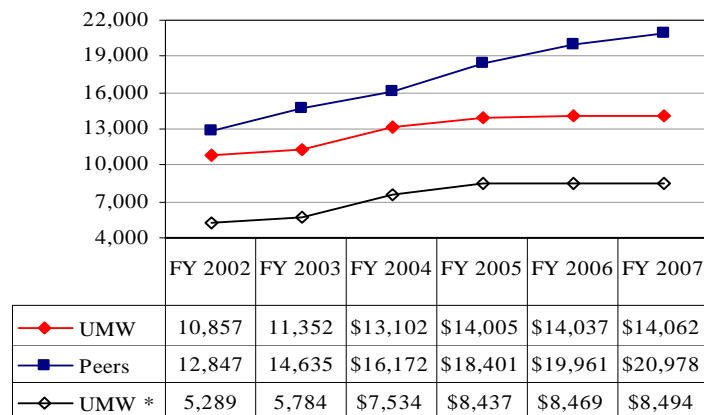
The total number of faculty, both tenured/tenure track and non-tenured, is increasing as the campus continues to recruit new faculty in support of the on-going plan to grow the research enterprise. There were 8 more faculty FTE in Fall 2006 than in Fall 2005.

	Fall 2004	Fall 2005	Fall 2006	1-year Change
UMW	964	1015	1023	8

ACCESS AND AFFORDABILITY

Tuition & Fees (includes adjustment for learning contract)

This indicator measures and compares the annual medical school tuition and mandatory fees. UMMS's tuition and fees continue to be lower than the average for all public schools. In addition, at UMMS, 91% 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 4 years of service in the Commonwealth of Massachusetts in a primary care practice, other specialty practice in an underserved area of public or by repaying the deferred amount with interest over 8 years.

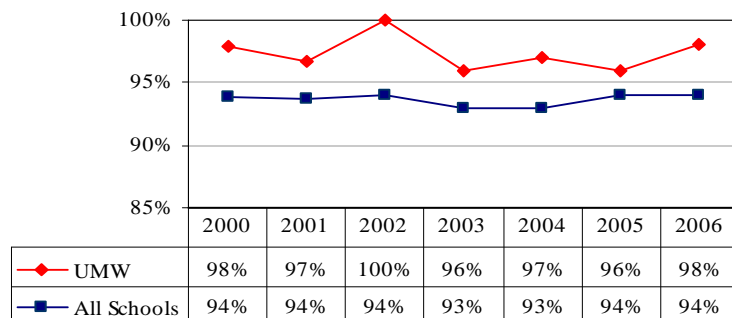


* UMW Tuition and Fees adjusted for learning contract

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 has consistently shown a higher percentage of graduates accepted to their residency over the last five years. UMMS students have done very well in the match: in 2006, of the students going through the NRMP, 98% were matched to their choice of residency.



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
<i>Total Enrollment</i>	871	955	977
<i>STEM Enrollment</i>	325	368	354
<i>% STEM Enrollment</i>	37%	39%	36%

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
<i>Total Degrees/Cert.</i>	163	167	158
<i>STEM Degrees/Cert.</i>	33	40	27
<i>% STEM</i>	20%	24%	17%

Service to State Agencies

This indicator measures the annual amount expended for state sponsored grant and contracts and the sale of public service activities to other Massachusetts state agencies. This number is significantly larger than that of peer institutions because of increased 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 2002	FY 2003	FY 2004	FY 2005	FY 2006
<i>UMW</i>	\$123,529	\$203,791	\$239,073	\$356,795	\$352,603
<i>Peers</i>	\$7,743	\$8,800	\$8,850	\$11,038	NA

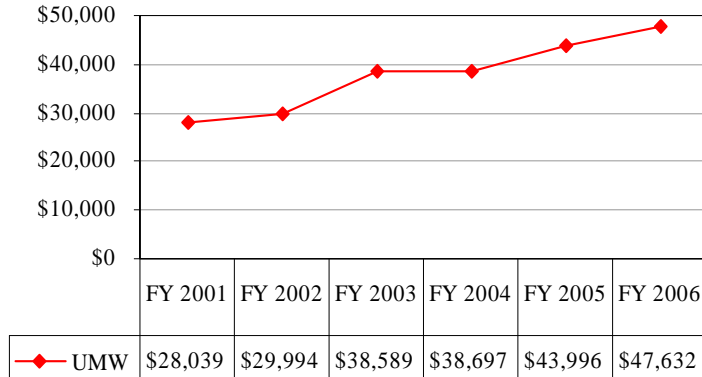
* Peer 2006 number will be available in Spring 2007

FINANCIAL HEALTH

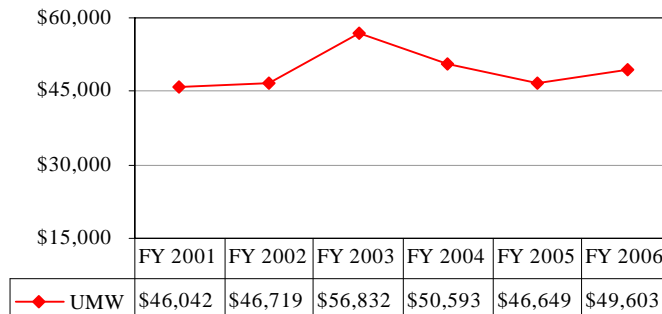
Endowment

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 skews the ratio.

Total Endowment Dollars (in \$000's)



Endowment Per Student

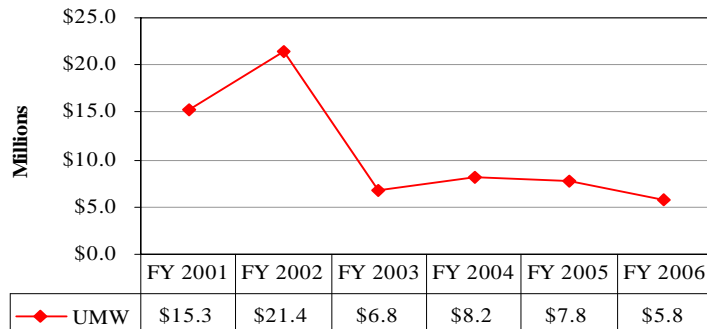


Annual Growth in Endowment

	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
UMW	-5.49%	6.97%	28.66%	0.27%	13.69%	8.26%

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. In FY2004 there was an unusually large expectancy of \$1 million causing the FY2005 number to drop slightly.



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.

	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>
<i>UMW</i>	19.6%	18.4%	22.1%	2.4%

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. (Note: The calculation of this ratio changed in FY02 with the change in financial reporting standards and is not directly comparable to prior years.)

	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>
<i>UMW</i>	27.1%	31.4%	31.9%	27.8%

Debt Service to Operations

The debt ratio measures the demand that annual commitments to creditors place on the institution's unrestricted operating funds. (Note: The calculation of this ratio changed in FY02 with the change in financial reporting standards and is not directly comparable to prior years.)

	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>
<i>UMW</i>	4.6%	4.2%	2.3%	2.0%

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.

Percent of graduates indicating “Very Satisfied” with the quality of their medical education. Percent of graduating medical students who responded “Strongly Agree” to this statement, “Overall, I am satisfied with the quality of my medical education” found on the Graduation Questionnaire that is prepared by AAMC.

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 accessible given the size of peer group.

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 ranking among medical schools. The National Institute of Health annual ranking of NIH extramural funding for Medical Schools.

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. Peer data are from the Association of University Technology Managers.

License income. Annual amount of income from license agreements. Peer data are from the Association of University Technology Managers.

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.

ACCESS AND AFFORDABILITY INDICATORS

Tuition and fees as adjusted for learning contract. Annual tuition and mandatory fees for medical students. Also reported is UMW tuition and fees adjusted for learning contract. Peer data from AAMC.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Acceptance Rate to Choice of Residency. Percent of potential graduates who were matched to one of their choices 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 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.

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

Endowment per student. UMass endowments plus Foundation endowments plus quasi endowments divided by FY2003 annualized FTE students. Peer data is not available

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

East Carolina University School of Medicine
 East Tennessee State University
 Florida State (1 yr.)
 Indiana University School of Medicine
 Louisiana State U - School of Medicine in New Orleans
 Louisiana State U - School of Medicine in Shreveport
 M.C. of Ohio
 Marshall University
 Medical College of Georgia
 Medical University of South Carolina
 Michigan State University
 New Jersey Medical School
 Northeastern Ohio
 Ohio State
 Oregon Health Sciences University
 Robert Wood Johnson Medical School (Rutgers)
 Pennsylvania State
 Southern Illinois University
 SUNY Brooklyn
 SUNY Buffalo
 SUNY Stony Brook
 SUNY Syracuse
 Texas A&M University Health Science Center
 Texas Tech University Health Sciences Center
 Uniformed Services University of the Health Sciences
 University of Alabama School of Medicine
 University of Arizona
 University of Arkansas
 University of California - Davis School of Medicine
 University of California - Irvine
 University of California - Los Angeles
 University of California - San Diego
 University of California - San Francisco
 University of Cincinnati
 University of Colorado
 University of Connecticut School of Medicine
 University of Florida College of Medicine
 University of Hawaii
 University of Illinois
 University of Iowa
 University of Kansas
 University of Kentucky
 University of Louisville
 University of Maryland School of Medicine
 University of Massachusetts Medical School
 University of Michigan
 University of Minnesota - Duluth (2 yr.)
 University of Minnesota-Minneapolis
 University of Mississippi School of Medicine
 University of Missouri - Columbia School of Medicine
 University of Missouri - Kansas City
 University of Nebraska College of Medicine
 University of Nevada School of Medicine
 University of New Mexico School of Medicine
 University of North Carolina
 University of North Dakota
 University of Oklahoma College of Medicine
 University of Puerto Rico
 University of South Alabama
 University of South Carolina
 University of South Dakota School of Medicine
 University of South Florida
 University of Tennessee
 University of Texas Houston Medical School
 University of Texas Medical School at Galveston
 University of Texas Medical School at San Antonio
 University of Texas Southwestern Medical School
 University of Utah School of Medicine
 University of Vermont
 University of Virginia
 University of Washington
 University of Wisconsin -Madison Medical School
 Virginia Commonwealth University
 Wayne State
 West Virginia
 Wright State

Clery Act Crime Statistics
UMass Amherst

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2005		Fall 2004		Fall 2003	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	19,394	11,376	18,966	11,013	18,720	10,759
GRADUATE STUDENTS	5,699	153	5,680	211	5,592	263
OFFENSE	2005		2004		2003	
MURDER / NON-NEGLIGENT MANSLAUGHTER	0		0		0	
NEGLIGENT MANSLAUGHTER	0		0		0	
SEX OFFENSES, FORCIBLE	13		14		36	
SEX OFFENSES, NON-FORCIBLE	0		1		0	
ROBBERY	3		3		5	
AGGRAVATED ASSAULT	14		11		17	
BURGLARY	100		77		81	
MOTOR VEHICLE THEFT	4		16		10	
ARSON	3		3		8	
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0		1		1	
LIQUOR LAW ARRESTS	271		266		87	
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	836		770		1064	
DRUG LAW ARRESTS	104		98		37	
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	5		25		51	
ILLEGAL WEAPONS POSSESSION ARRESTS	3		4		2	
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 Boston

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2005		Fall 2004		Fall 2003	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	8,958	0	8,832	0	9,650	0
GRADUATE STUDENTS	2,904	0	2,850	0	2,744	0
OFFENSE	2005		2004		2003	
MURDER / NON-NEGLIGENT MANSLAUGHTER	0		0		0	
NEGLIGENT MANSLAUGHTER	0		0		0	
SEX OFFENSES, FORCIBLE	0		1		0	
SEX OFFENSES, NON-FORCIBLE	0		0		0	
ROBBERY	0		1		1	
AGGRAVATED ASSAULT	1		1		1	
BURGLARY	29		3		4	
MOTOR VEHICLE THEFT	0		0		0	
ARSON	0		2		7	
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0		1		0	
LIQUOR LAW ARRESTS	1		1		1	
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0		0		3	
DRUG LAW ARRESTS	1		4		4	
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0		1		0	
ILLEGAL WEAPONS POSSESSION ARRESTS	0		1		0	
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0		0		0	

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

Clery Act Crime Statistics
UMass Dartmouth

ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2005		Fall 2004		Fall 2003	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	7,519	3,893	7,290	3,224	7,359	3,298
GRADUATE STUDENTS	1,030	44	1,009	35	925	46
OFFENSE	2005		2004		2003	
MURDER / NON-NEGLIGENT MANSLAUGHTER	0		0		0	
NEGLIGENT MANSLAUGHTER	0		0		0	
SEX OFFENSES, FORCIBLE	1		2		7	
SEX OFFENSES, NON-FORCIBLE	0		0		0	
ROBBERY	0		0		0	
AGGRAVATED ASSAULT	8		4		5	
BURGLARY	30		82		82	
MOTOR VEHICLE THEFT	2		2		4	
ARSON	1		0		0	
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0		0		0	
LIQUOR LAW ARRESTS	18		8		8	
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1171		793		804	
DRUG LAW ARRESTS	6		5		10	
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	116		150		209	
ILLEGAL WEAPONS POSSESSION ARRESTS	2		2		3	
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	51		42		7	

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 2005		Fall 2004		Fall 2003	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	8,309	2,252	8,662	2,080	9,006	2,047
GRADUATE STUDENTS	2,357	15	2,427	32	2,700	37
OFFENSE	2005		2004		2003	
MURDER / NON-NEGLIGENT MANSLAUGHTER	0		0		0	
NEGLIGENT MANSLAUGHTER	0		0		0	
SEX OFFENSES, FORCIBLE	2		2 *2		2 *1	
SEX OFFENSES, NON-FORCIBLE	0		0		0	
ROBBERY	0		2		2	
AGGRAVATED ASSAULT	1		5		18	
BURGLARY	25		35		22	
MOTOR VEHICLE THEFT	2		18		12	
ARSON	1		1		0	
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0		0		1	
LIQUOR LAW ARRESTS	13		23		5	
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	226		113		222	
DRUG LAW ARRESTS	24		51		60	
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	35		18		127	
ILLEGAL WEAPONS POSSESSION ARRESTS	5		0		4	
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	8		0		2	

* = 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 2005		Fall 2004		Fall 2003	
	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	1,008	0	896	0	829	0
OFFENSE	2005		2004		2003	
MURDER / NON-NEGLIGENT MANSLAUGHTER	0		0		0	
NEGLIGENT MANSLAUGHTER	0		0		0	
SEX OFFENSES, FORCIBLE	0		1		0	
SEX OFFENSES, NON-FORCIBLE	0		0		0	
ROBBERY	0		0		0	
AGGRAVATED ASSAULT	0		0		0	
BURGLARY	0		1		0	
MOTOR VEHICLE THEFT	4		10		3	
ARSON	0		0		0	
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	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.