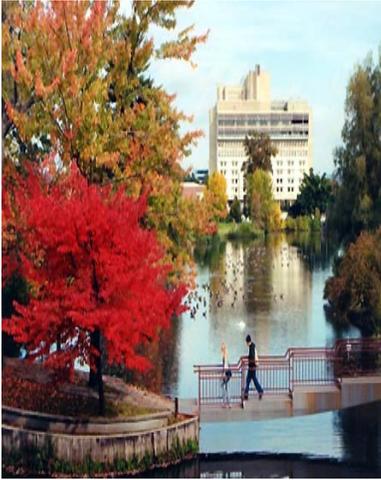




UNIVERSITY OF MASSACHUSETTS

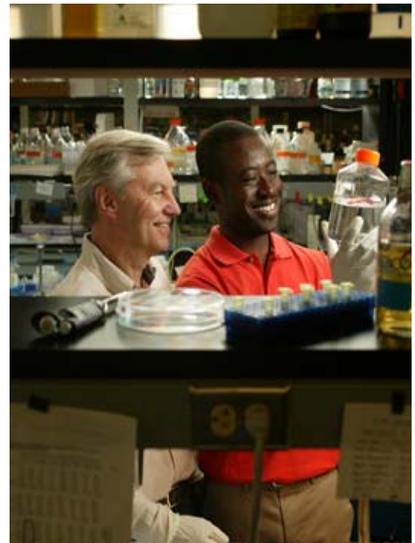
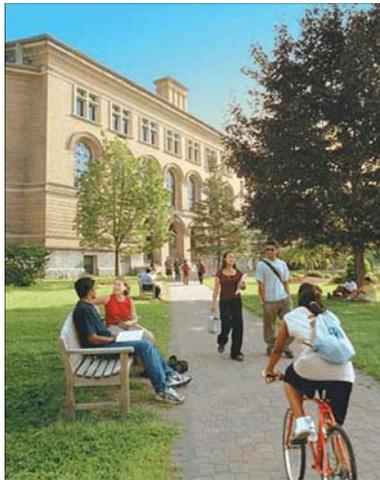
Amherst • Boston • Dartmouth • Lowell • Worcester



Academic Quality
Student Success & Satisfaction
Access & Affordability
Service to the Commonwealth
Financial Health

2005 Report on Annual Indicators

University Performance Measurement System



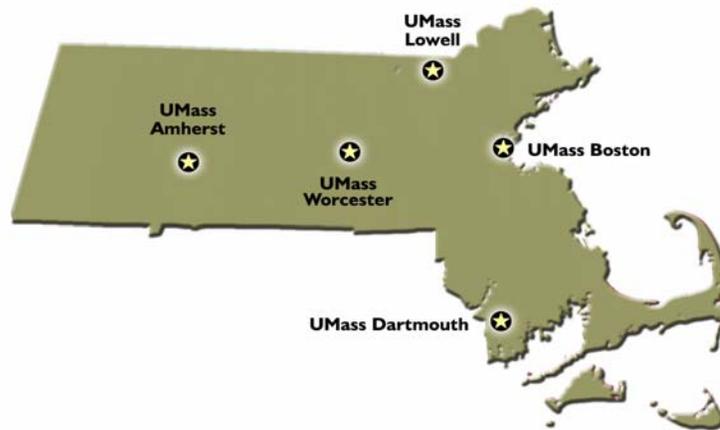
UNIVERSITY OF MASSACHUSETTS

Amherst • Boston • Dartmouth • Lowell • Worcester

2005 REPORT ON ANNUAL INDICATORS **University Performance Measurement System**

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THE 2005 REPORT ON ANNUAL INDICATORS

The 2005 Report on Annual Indicators is the eighth 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*

Indicators for *Academic Quality* and *Student Success* are presented in the individual campus reports. Indicators related to *Access and Affordability* and *Service to the Commonwealth* are covered mostly in the System report, although some campuses have included related indicators in their own reports. Indicators for *Financial Health* are presented for both the system and the campuses.

Many indicators are common to all campuses, but several are unique and reflect the distinct missions of each of the campuses. For example, the Amherst campus includes a number of indicators of productivity or quality in research and graduate education; the Medical School includes indicators on patent activity and its volume of state service activity; and the Boston campus includes indicators related to the college GPA, retention rate and graduation rate of transfer students, who comprise a majority of its incoming class each year.

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, specifically 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:

- About the Campus
- Headlines from the 2005 Annual Indicators
- 2005 Annual Indicators at a Glance
- Data Tables and Charts
- Definitions and Sources

2005 ANNUAL INDICATORS BY CAMPUS		System	Amherst	Boston	Dartmouth	Lowell	Worcester
ACADEMIC QUALITY	HS GPA of Freshmen		✓	✓	✓	✓	
	SAT Scores of Freshmen		✓	✓	✓	✓	
	Average GPA of Transfer Students			✓			
	MCAT Scores of Entering Students						✓
	Licensure and Certification Pass Rates		✓	✓	✓	✓	✓
	Research Expenditures (Total and per Faculty)		✓	✓	✓	✓	✓
	Federal Research Support		✓		✓		✓
	Rank in Total R&D (NSF)		✓				
	Doctorates Awarded		✓			✓	
	National Academy Members		✓				
	Faculty Awards		✓				
	Postdoctoral Appointees		✓				
	Sponsored Instruction/Outreach per Faculty			✓			
	Rank in NIH Funding Among Medical Schools						✓
	US News Ranking in Primary Care Medicine						✓
STUDENT SUCCESS AND SATISFACTION	Freshman One-Year Retention Rate		✓	✓	✓	✓	
	Freshman Six-Year Graduation Rate		✓	✓	✓	✓	
	Transfer One-Year Retention Rate			✓	✓	✓	
	Transfer Graduation Rate			✓	✓	✓	
	Satisfaction with Major/Education		✓	✓			✓
	Number of Students Enrolled in For-Credit Internships			✓			
	Match Rate/Choice of Residency						✓
ACCESS AND AFFORDABILITY	Tuition & Fees as % of Statewide Family Income	✓					
	% of Need Met for Students Awarded Need-Based Aid					✓	
	Tuition & Fees with Learning Contract						✓
	% UG's from Massachusetts	✓		✓			
	% UG's who are Students of Color	✓		✓		✓	
	% UG's who are First Generation in College			✓			
	% UG's who have English as Second Language			✓			
SERVICE TO THE COMMONWEALTH	% Mass Residents Attending UMass	✓					
	In-State UG Enrollment by Region	✓					
	UMass % of all Massachusetts Degrees	✓					
	% Graduates who Remain in MA	✓		✓			
	Online Course Enrollments	✓		✓		✓	
	Patent Applications					✓	✓
	License Income	✓				✓	✓
	Enrollments in Continuing/Corporate Education				✓	✓	
	Regional Impact				✓		
Service to State Agencies (\$)						✓	
FINANCIAL HEALTH	Endowment and Endowment per Student	✓	✓	✓	✓	✓	✓
	Annual Growth in Endowment	✓	✓	✓	✓	✓	✓
	Private Funds Raised Annually	✓	✓	✓	✓	✓	✓
	Operating Margin	✓	✓	✓	✓	✓	✓
	Financial Cushion	✓	✓	✓	✓	✓	✓
	Debt Service to Operations	✓	✓	✓	✓	✓	✓
	Age of Facilities Ratio	✓		✓	✓	✓	✓

HEADLINES FROM THE 2005 ANNUAL INDICATORS

ACADEMIC QUALITY

❖ *The academic profile of entering students continues to get stronger.*

UMass attracts highly qualified applicants. Over the last five years, all campuses reported rising averages for SAT scores and/or high school GPA of first-time freshmen. For UMass Boston, where 2 of 3 new students are transfer students, the average transfer GPA has also risen.

❖ *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 FY2004, the system generated over \$350 million in sponsored research, an increase of 9% over FY2003.

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

In the 2005 US News ranking, UMass Worcester ranked 4th among 144 medical schools with emphasis in primary care medicine.

STUDENT SUCCESS AND SATISFACTION

❖ *Student retention rates compare favorably with peer institutions.*

One-year retention rates for freshmen are comparable to or higher than those of peer institutions.

❖ *Students report high level of satisfaction with education.*

More than half of the seniors at UMass Amherst and graduating students at UMass Worcester report being "very satisfied" with their education. At UMass Boston, 87% of seniors rated their experience as "good" or "excellent".

ACCESS AND AFFORDABILITY

❖ *UMass continues to be affordable.*

UMass tuition and fees average 12% of statewide median income, a percent much lower than that for the state's private universities (42%) and other New England public universities (14%).

❖ *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.

❖ *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 (21%) UMass undergraduates are Black, Asian, Hispanic or Native American (while 14% of Massachusetts public high school graduates who plan to attend 4-year colleges or universities are minorities). At UMass Boston, 40% of undergraduates are students of color, 59% are first-generation college students and 44% speak English as a 2nd language.

SERVICE TO THE COMMONWEALTH

❖ *Majority of Massachusetts residents attend UMass.*

Three of five (60%) 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 11,000 degrees in 2003-04, which is 14% of all undergraduate and graduates degrees awarded in the Commonwealth. The University's impact is particularly high in the following fields: health (bachelor's level), natural sciences (master's level) and computer and information science and education (doctoral level).

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

Almost 2 out of 3 (62%) graduates of the University remain in the Commonwealth after graduation.

❖ *UMass Online expands programs to provide educational access.*

In AY 2003-04 course enrollments for UMass were 15,741, a 30% increase over those for AY 2002-03.

❖ *Commercialization of UMass research continues to grow.*

In FY2004, license income for the system totaled \$26.8 million. UMass ranks in the top 20 of US universities in license income.

FINANCIAL HEALTH

❖ *Endowment at more than \$196 million.*

The market value of the University's endowment grew 7.4% from FY2003 to FY2004.

❖ *Financial indicators compare favorably to peers.*

In FY2004, the University's operating margin exceeded that of many of its peers, while its financial cushion and debt service to operations were both within the range of peer systems.

2005 ANNUAL INDICATORS AT A GLANCE

ACCESS AND AFFORDABILITY

- Tuition & Fees as % of Family Income 12%
- % UG from Massachusetts 87%
- % UG who are Students of Color 21%

SERVICE TO THE COMMONWEALTH

- Proportion of Mass Residents Attending
Universities in MA enrolled in UMass 60%
- Enrollment of In-State Undergraduates by Region:
 - Greater Boston 34%
 - Northeastern Mass 25%
 - Southeastern Mass 17%
 - Central Mass 9%
 - Western Mass 15%
- UMass % of all Massachusetts Degrees 14%
- % Graduates who Remain in MA 62%
- Online Course Enrollments 15,741
- Annual Growth in Online Course Enrollments 30%
- License Income \$26.8M

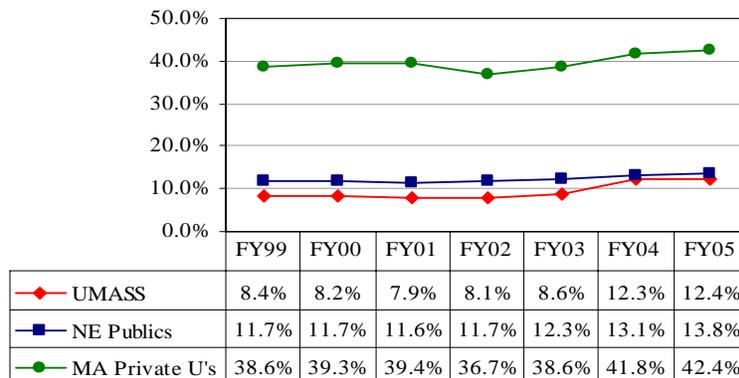
FINANCIAL HEALTH

- Endowment Assets \$196.3M
- Annual Growth in Endowment 7%
- Private Funds Raised Annually \$46.3M
- Operating Margin 3.6%
- Financial Cushion 19.9%
- Debt Service to Operations 3.4%
- Age of Facilities Ratio 11.3

ACCESS AND AFFORDABILITY

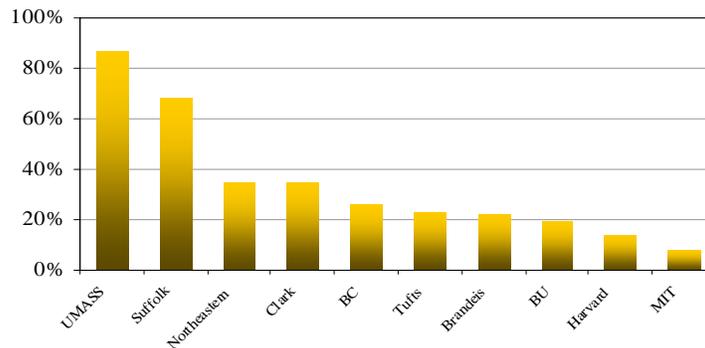
Tuition and Fees as a Percentage of Family Income

UMass average tuition and fees remain affordable relative to median family income. UMass tuition and fees average 12% of statewide median family income, compared with an average of 42% for the state's private universities and 14% for other New England public universities.



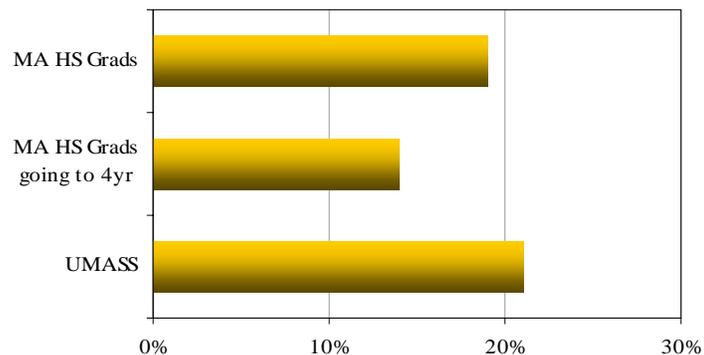
Percent Undergraduate Students from Massachusetts

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 out of 10 students are in-state. By contrast, only 26% of undergraduates enrolled in the state's private universities come from Massachusetts.



Percent Undergraduate Students of Color

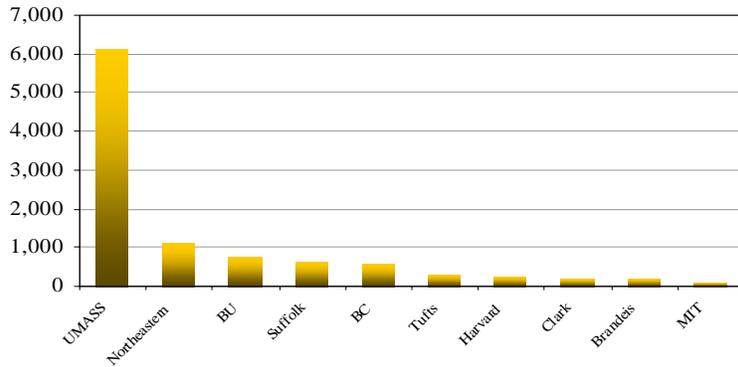
Approximately one-fifth (21%) of the University's undergraduate students are Black, Asian, Hispanic, or Native American, compared with 19% of the state's population of high school graduates and 14% of high school graduates who intend to enroll in a four year college or university.



SERVICE TO THE COMMONWEALTH

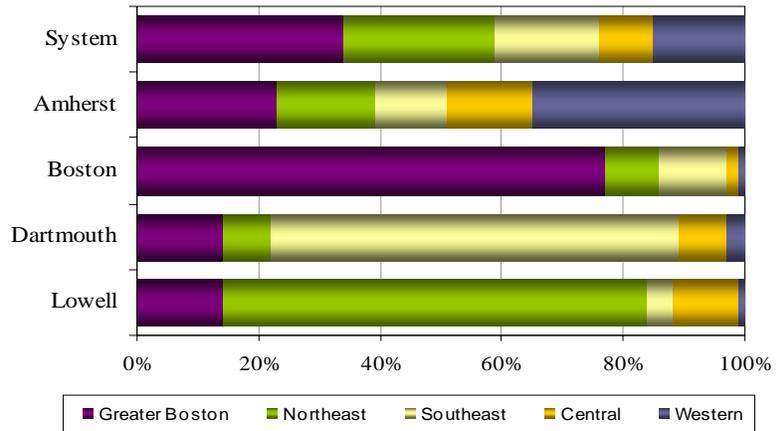
Enrollment of Massachusetts Residents

Sixty percent (60%) of Massachusetts residents enrolling in universities within the state as first-time undergraduates attend the University of Massachusetts.



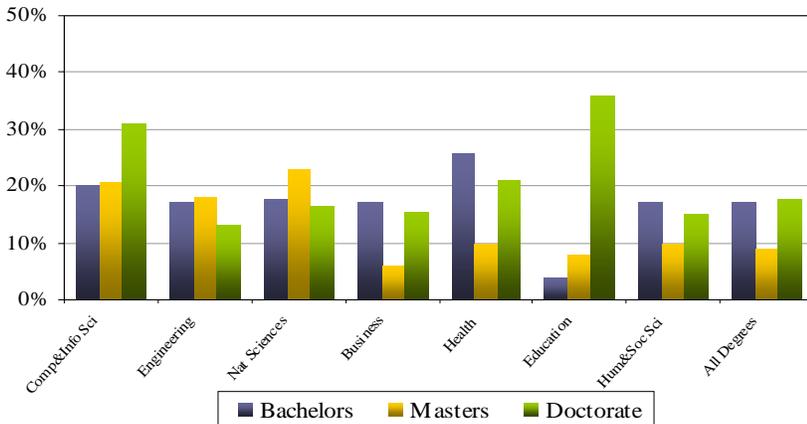
Enrollment by Region

UMass serves undergraduate students from all regions of the Commonwealth, with UMass Boston drawing 77% from the greater Boston area, Dartmouth drawing 67% from Southeastern Massachusetts, and Lowell drawing 70% from the northeastern corner of the state. One-third of Amherst's in-state students are from Western Massachusetts, more than any other single region.



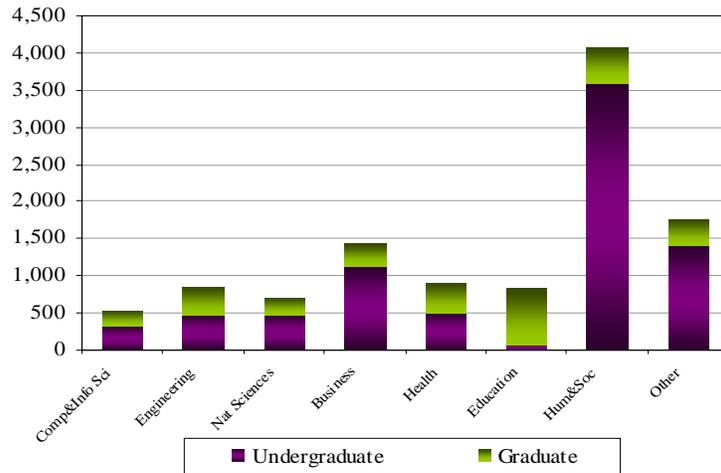
UMass Degrees as % of Massachusetts Degrees

The University of Massachusetts annually awards 14% of baccalaureate and graduate degrees (17% of bachelors, 9% of master's degrees and 18% of doctoral degrees) in the state. The University's impact at the doctoral level in computer and information sciences, and education is particularly high, as is its impact at the master's level in natural sciences and the bachelor's level in health (which includes nursing).



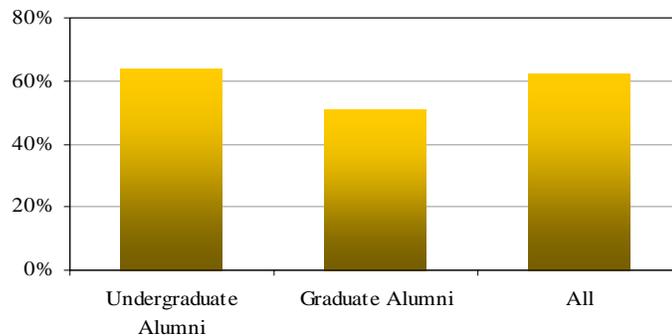
Degrees Conferred by Field

Of the 11,079 degrees conferred by the University in 2003-04, almost three-quarters were at the undergraduate level and one-quarter at the graduate level. Thirty-seven percent (37%) of degrees were in the humanities and social sciences, followed by 13% in business/management. The University awarded 537 degrees in computer and information sciences, 844 degrees in engineering, 710 degrees in the natural sciences, 916 degrees in health sciences and professions, 820 degrees in education (almost all of them at the graduate level), and 1,762 degrees in other fields, such as criminal justice, public affairs, and natural resources and conservation.



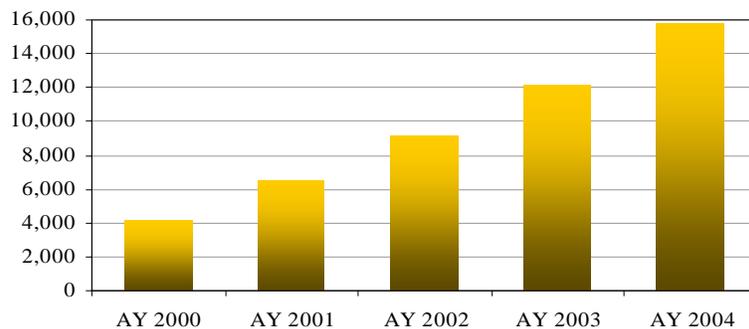
Percentage of Graduates Who Live in Massachusetts

Almost two of three (64%) undergraduate alumni and more than half (51%) of the graduate alumni of the University live and work in the Commonwealth of Massachusetts.



Rate of Growth in Online Course Enrollments

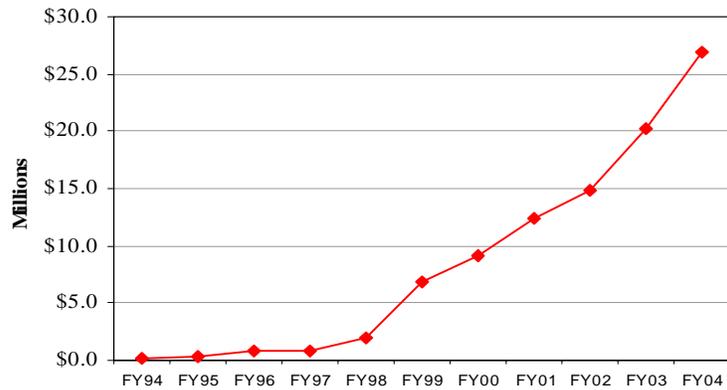
The UMass campuses offer 45 degree and certificate programs through UMass Online, the University's vehicle for interactive, internet-based learning. Course enrollments in UMass Online continue to grow at a healthy rate. Academic year 2003-04 course enrollments were 30% higher than those for AY 2002-03.



	AY 2000	AY 2001	AY 2002	AY 2003	AY 2004
	4,176	6,469	9,210	12,131	15,741
Annual growth rate		55%	42%	32%	30%

License Income

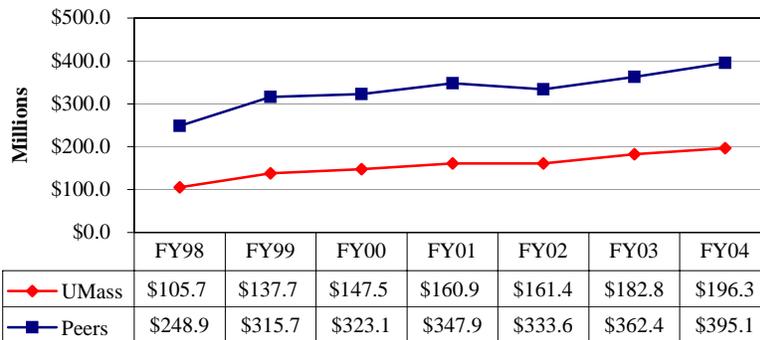
License income is a measure of the economic value of an institution's inventiveness and a contributor to the University's economic health. It is difficult to predict when or for what products or processes a license will begin to generate significant income. License income for UMass totaled \$26.8 million in FY2004, up from just \$195,000 in FY1994. UMass ranks in the top 20 of US universities in terms of licensing income generated from its technology transfer operation.



FINANCIAL HEALTH

Endowment Assets

Despite a relatively small overall endowment and a very difficult economic environment, the University managed to post a small increase in the market value of its endowment between FY03 and FY04.



* Peers do not include University of California

Annual growth rate	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
UMass	7.1%	9.1%	0.3%	13.3%	7.4%
Peers	2.3%	7.8%	-4.1%	8.6%	9.0%

Private Funds Raised Annually

Despite a drop from FY2001 to FY2003 which reflects the downturn in the economy, the University's private fund raising is beginning to increase again.

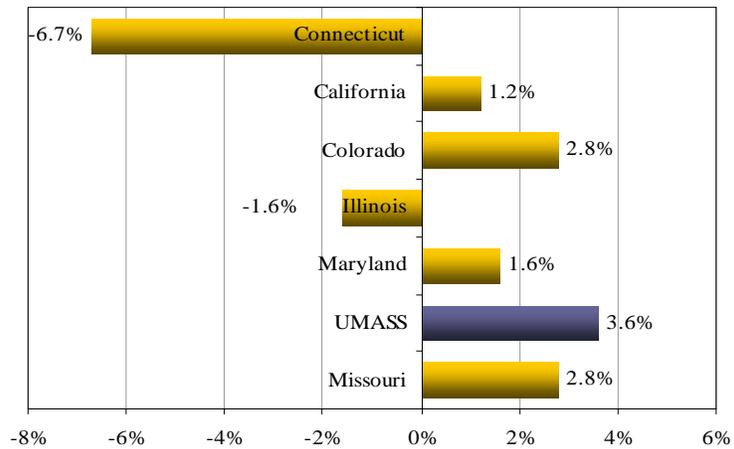


* Does not include UMass Lowell equipment gifts in kind for FY00-FY04.

Operating Margin

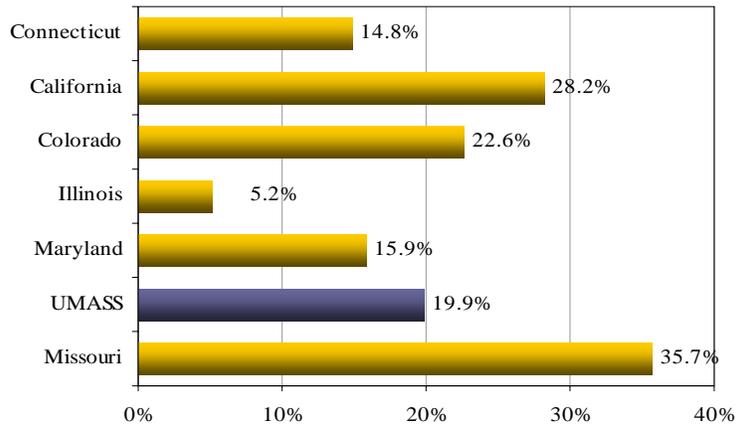
As a short-term indicator of financial health, improving operating results over time will allow for long-term improvements in financial condition and increased stability.

In FY2004, the University's operating margin exceeded that of many of the peer systems.



Financial Cushion

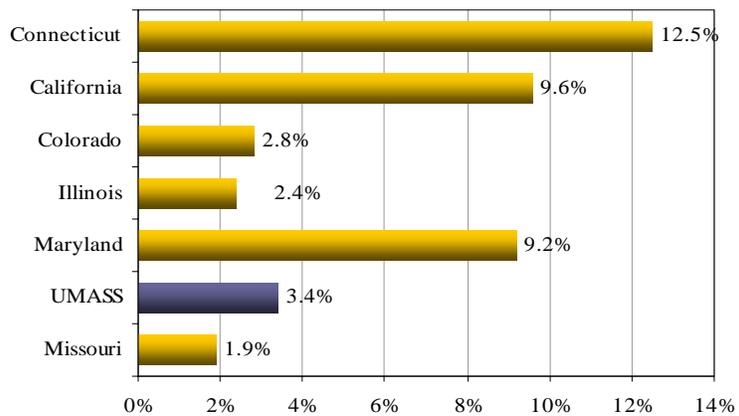
In FY2004, the University as a whole had a financial cushion of 19.9% which was within the range for the peer systems of 5.2% to 35.7%.



Debt Service to Operations

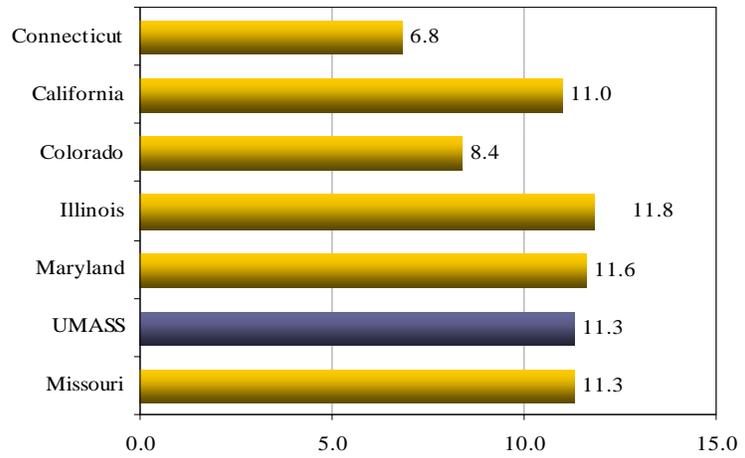
Debt service as a percent of expenditures is a reflection of the demand that long-term commitments make on operational funds.

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



Age of Facilities Ratio

This ratio calculates the average age of plant as measured in years. A low age of plant ratio indicates recent investments, while a high age (ratio) may indicate a large deferred maintenance burden and/or an inventory of older and fully depreciated buildings. Continuous investments in plant including building renovations, infrastructure improvements, new construction, and (capitalizable) equipment upgrades all add to and improve the capital assets of the University and can reduce the average age of facilities ratio.



DEFINITIONS AND SOURCES

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 2003 inflation-adjusted dollars (latest available). Comparative data are from IPEDS and US Census.

Percentage of undergraduate students from

Massachusetts. Percentage of Fall 2004 undergraduate students from in-state as determined by tuition residency classification. Data for Massachusetts private universities are from IPEDS and the universities' institutional research offices and reflect first-time students in Fall 2003.

Percentage of undergraduate students of color. Fall 2004 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 are for 2003 public high school graduates (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. Massachusetts private university data are from Fall 2003 IPEDS Enrollment Survey and the universities' institutional research offices.

Enrollment by region. In-state undergraduate enrollment by region for Fall 2004.

UMass degrees as % of all Massachusetts degrees.

Degrees awarded by UMass as % of total degrees awarded by colleges and universities in the state in 2003-2004 based on IPEDS Completions Survey.

Degrees conferred by field. 2003-04 degrees conferred by UMass campuses by field.

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 2004.

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.

License income. Amount of annual income from license agreements as reported to the Association of University Technology Managers for its annual survey.

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.

Operating margin. Operating surplus as a percentage of total operating revenues plus federal and state appropriations. Peer data are from published financial statements. Not comparable to prior years.

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.

Age of facilities ratio. The average age of plant as measured in years and defined as current depreciation expense divided by accumulated depreciation. Peer data are from published financial statements.

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

ABOUT THE CAMPUS

The University of Massachusetts Amherst, founded under the Morrill Land Grant Act in 1863, is the flagship campus of the state university system. Located in the historic Pioneer Valley of Western Massachusetts, the 1,450-acre campus provides a rich cultural environment in a rural setting.

One of today's leading centers of public higher education in the Northeast, the University of Massachusetts Amherst has achieved a growing reputation for excellence in an increasing number of disciplines, for the breadth of its academic offerings, and for the expansion of its historic roles in education, research, and public service. Within its ten schools and colleges, the campus offers bachelor's degrees in 88 areas, associate's degrees in 6, master's degrees in 68, and the doctorate in 50 disciplines. The campus enrolls 24,600 students, made up of about 19,000 undergraduate and 5,700 graduate students.

UMass Amherst is a major generator of economic development in addition to educational opportunity and research and training. The campus currently employs about 7,000. The operating budget is about \$615 million, and \$126.6 million in research and development expenditures were generated in fiscal year 2004. The campus produces about 5,300 graduates per year and a large majority of them stay in Massachusetts to contribute to the high quality labor force of the Commonwealth.

UMass Amherst is a world center for research in such areas as polymer science, artificial intelligence, microwave engineering, and the life sciences. Many of the 1,100 full-time faculty members are nationally and internationally renowned for expertise in their fields. In addition to research, the campus has a strong commitment to teaching and faculty development that is supported by its nationally recognized Center for Teaching.

The undergraduate population is largely full-time with most students enrolling within one year of high school graduation. Eighty percent of undergraduate students are Massachusetts residents with origins from all parts of the state. The campus also attracts students from almost every state and 70 foreign countries. Approximately 5,500 new undergraduates entered in fall 2004 with one-fifth enrolling as transfers. Over two-thirds of transfer students came from other Massachusetts 2- and 4-year

colleges including 40% from community colleges. The Amherst campus has one of the largest residence hall systems in the country with over 11,000 students living on campus. The undergraduate population is diverse; 17% percent are African-American, Latino, Asian, or American Indian. The academic profile of entering first-year students is strong — in fall 2004 over three-quarters of students entered with high school grade point averages above 3.00. SAT scores have increased in recent years and the median score was 1130.

Undergraduates are offered a wide range of curricular and co-curricular opportunities. Over 2,700 academically talented students are enrolled in the Commonwealth Honors College, a campus-wide program. Residential Academic Programs (RAP) provide first-year students with an academically supportive environment in which they can attend classes and study with other students from their residence hall. About one-third of first-year students participate in RAP. The University, one of the founding members of the Five College consortium, offers reciprocal student access among UMass Amherst and Amherst, Hampshire, Mount Holyoke, and Smith colleges. The campus also provides opportunities for undergraduates to be directly involved in research and get hands-on experience through internships and field experience. A wide range of service learning and volunteer opportunities are also available for students.

UMass has one of the most comprehensive student activities program in the country, including award-winning student-run businesses and over 200 registered student organizations. The campus participates in Division I athletics with 11 varsity sports for men and 12 for women. Students can also participate in intramural and club sports.

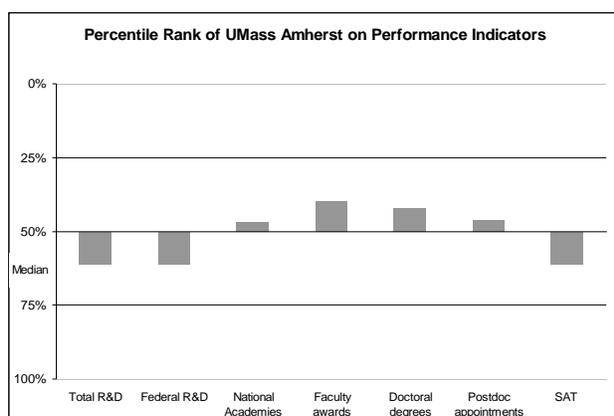
As part of the five-campus system, the University of Massachusetts Amherst complements its activities with outreach education, research, and service programs at sites throughout the Commonwealth.

Over the next five years, the Campus will add faculty and students, construct new centers of teaching and research, and mobilize its alumni through a comprehensive capital campaign. Through these investments the campus will enhance its academic mission and bolster its standing as a major public research university.

HEADLINES FROM THE 2005 ANNUAL INDICATORS

ACADEMIC QUALITY

The Top American Research Universities (TheCenter) identifies nine performance indicators, seven of which reflect academic quality, to evaluate the comparative performance of the top research universities. These public and private institutions, which include UMass Amherst, generate over \$20 million in federal research annually. The Amherst campus is comparing its progress with respect to these measures with the 146 research institutions with undergraduate programs in this group.



Note. The *percentile rank* shows the relative standing of the campus in comparison to the Top 146 Research Universities. Percentiles range from 1 (high) to 99 with a percentile rank of 50 representing the median.

Research. Total and federal research dollars in science and engineering are key measures of an institution's commitment to and success in research. The Amherst campus faculty has been successful in competing for grants and contracts; however large-scale faculty retirements have affected total dollars and the campus is below the median for its peers. Total R&D spending increased by 24% in the past five years, while per faculty expenditures increased at a faster rate (46%). An increase in faculty size over the next five years should increase the campus research base.

Faculty Quality. Another indicator of an institution's strength is the number of academic honors and awards received by the faculty. UMass Amherst's faculty has shown considerable strength in this area and has received a wide range of awards. The campus is at the 40th percentile for faculty awards and at the 47th percentile for membership in the National Academies. A recent drop in the latter measure is likely a result of the shrinking tenure-system faculty.

Advanced Training. Educating and training the next generation of research scholars is an indicator of academic performance. The number of doctorates awarded and postdoctoral appointees are measures of the strength of advanced training. Here, too, UMass Amherst ranked in the top half on the number of degrees awarded and for the number of post-doctorates receiving training. Growth in the tenure system faculty is necessary for continued improvement.

Undergraduate Quality. Most research universities serve undergraduate student populations. SAT scores are used by most as an assessment of the quality of entering students. Scores for UMass students are below the median for research universities (60th percentile). However, like other public institutions, the campus mission includes providing access to an affordable education to students in the Commonwealth. The median SAT score has increased by 20 points since 2001.

STUDENT SUCCESS AND SATISFACTION

UMass Amherst students have a positive educational experience. Over four-fifths of students return for their sophomore year, and 62% of students graduate within six years. These rates are slightly lower than other research extensive institutions. Campus investment in strategies to improve student retention should bring the campus to the average of its peers. Additionally, UMass students report high satisfaction with their undergraduate experience based on results from the Amherst campus Senior Survey and over half were very satisfied with their experience in the major.

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 increased, the campus is well below other research universities on these measures. These amounts 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. More information can be found in the FY2005 Financial Indicators Report.

2005 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of Freshmen	3.29
• SAT Scores of Freshmen	
<i>Median</i>	1130
<i>25th – 75th Percentile</i>	1050 – 1220
• Licensure/Certification Pass Rates	
<i>Massachusetts Teacher Test</i>	100%
<i>Registered Nurse</i>	80%
• Total R&D Expenditures (\$000)	\$120,788
• Federal R&D Expenditures (\$000)	\$65,452
• Total R&D/Faculty	\$135,519
• Federal R&D/Faculty	\$73,434
• No. of Doctorates Awarded	274
• No. of Postdoctoral Appointees	173
• Faculty Awards	15
• National Academy Members	7

STUDENT SUCCESS AND SATISFACTION

• Freshman One-Year Retention Rate	82%
• Freshman Six-Year Graduation Rate	62%
• Satisfaction With Major (UMA Senior Survey)	94%

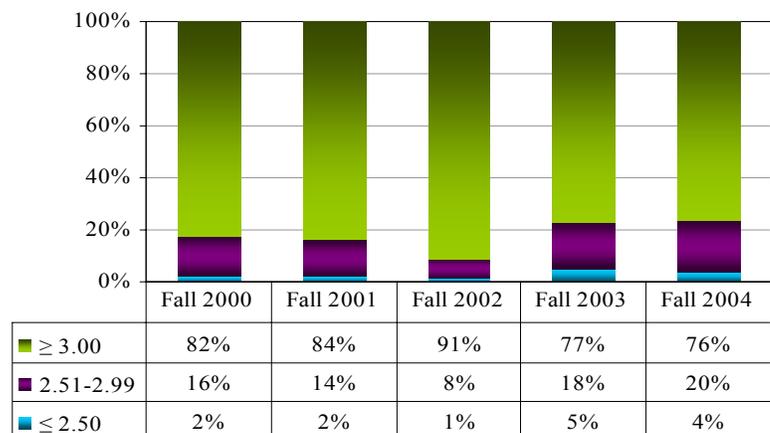
FINANCIAL HEALTH

• Operating Margin	2.5%
• Financial Cushion	16.8%
• Debt Ratio	3.2%
• Endowment (\$000)	\$81,880
• Endowment Per Student	\$3,830
• Private Funds Raised Annually (\$000)	\$21,853

ACADEMIC QUALITY

High School GPA of Freshmen

UMass Amherst entering first-year students are strong academically and consistently show a high school GPA of about 3.3. In fall 2004, the GPA remained at this level.



Mean GPA	2000	2001	2002	2003	2004
UMA	3.33	3.35	3.42	3.28	3.29

SAT Scores of Freshmen

The SAT profile of UMass Amherst students is somewhat below that of other research universities. The median score has increased by 20 points since fall 2001.

SAT Score	2000	2001	2002	2003	2004
UMA Median	1130	1110	1120	1140	1130
25th %ile	1030	1020	1020	1050	1050
75th %ile	1230	1220	1230	1230	1220
Peer Median	1150	1155	1165	1165	N/A
25th %ile	1040	1050	1060	1060	N/A
75th %ile	1260	1260	1270	1270	N/A
UMA %ile Rank	61%	63%	59%	60%	

Licensure and Certification Test Pass Rates

One hundred percent of program completers passed the Educator licensure exam. This rate has been consistently higher than state averages. Pass rates for Nursing are slightly lower than state and national averages. The number of students taking these exams represent a small proportion of the campus's graduates.

Pass Rates	Educator Licensure		Registered Nurse	
	2003	2004	2003	2004
UMA Test Takers	218	160	84	100
UMA Pass Rate	100%	100%	89%	80%
State Pass Rate	97%	95%	88%	86%
National Pass Rate	N/A	N/A	88%	85%

Research Expenditures

Total R&D spending in science and engineering has increased by 24% in total dollars and 46% in federal dollars since FY2000 despite large-scale faculty retirements and limited hiring. Per faculty research dollars have increased more dramatically, 45% overall and 71% in federal dollars. The Amherst campus's rank among the top American research universities for total dollars rebounded slightly in 2002 (the most recent available comparison). An investment in faculty should accelerate this growth.

<i>Total Research (\$000's)</i>	2000	2001	2002	2003	2004
<i>UMA</i>	97,052	97,976	109,332	111,235	120,788
<i>Peer Median</i>	132,503	123,885	150,598	N/A	N/A
<i>%ile Rank</i>	58%	62%	61%	N/A	N/A

<i>Federal Research (\$000's)</i>	2000	2001	2002	2003	2004
<i>UMA</i>	44,697	49,576	54,770	64,111	65,452
<i>Peer Median</i>	59,976	66,913	77,742	N/A	N/A
<i>%ile Rank</i>	61%	60%	61%	N/A	N/A

<i>Per Tenure System Faculty FTE</i>	2000	2001	2002	2003	2004
<i>Total</i>	\$93,042	\$96,074	\$108,292	\$122,492	\$135,519
<i>Federal</i>	\$42,850	\$48,613	\$54,249	\$70,599	\$73,434

Number of Doctorates Awarded

The number of doctorates awarded at UMA dropped dramatically in 2003. Although the number awarded in 2004 rebounded, the trend is in the downward direction, another consequence of a smaller tenure system faculty.

<i>Doctorates</i>	2000	2001	2002	2003	2004
<i>UMA</i>	276	261	287	213	274
<i>Peer Median</i>	185	174	176	178	NA
<i>%ile Rank</i>	30%	32%	28%	42%	NA

Postdoctoral Appointees

UMass Amherst senior faculty mentor recent PhDs with science and engineering degrees who wish to receive advanced research training. The number of postdocs has increased annually as has UMass's rank, evidence of strong research programs in science and engineering.

<i>Post-Docs</i>	2000	2001	2002	2003	2004
<i>UMA</i>	131	134	142	161	173
<i>Peer Median</i>	127	123	131	N/A	N/A
<i>%ile Rank</i>	48%	47%	46%	N/A	N/A

Faculty Awards

UMass Amherst faculty members are recipients of many prominent awards in the arts, humanities, science, engineering and health fields. The number of awards is at a record high, although UMA's relative position is not. This is likely a result of a fewer tenure-system faculty.

<i>Awards</i>	2000	2001	2002	2003	2004
<i>UMA</i>	13	14	10	15	NA
<i>Peer Median</i>	8	8	9	7	NA
<i>%ile Rank</i>	35%	32%	42%	40%	NA

National Academy Members

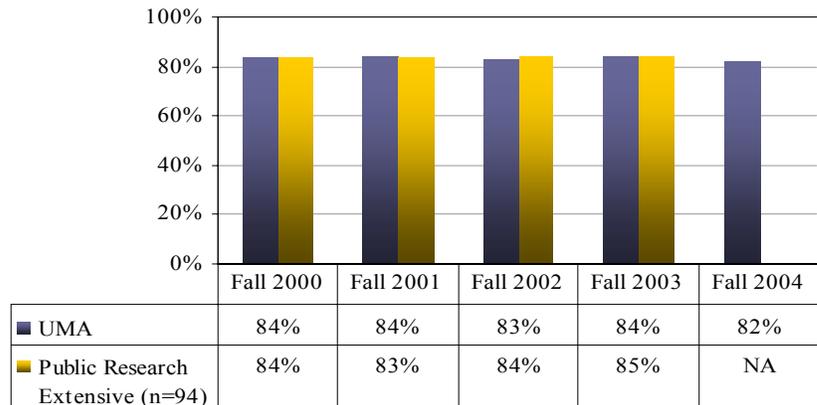
Several UMass faculty members have been elected to some of the most prestigious disciplinary organizations: the National Academy of Science, the National Academy of Engineering, or the Institute of Medicine. This is one of the highest honors academic faculty can receive. As the size of the faculty has diminished, so, too, have national academy memberships.

<i>Members</i>	2000	2001	2002	2003	2004
<i>UMA</i>	10	9	9	7	NA
<i>Peer Median</i>	6	6	6	6	NA
<i>%ile Rank</i>	40%	42%	41%	47%	NA

STUDENT SUCCESS AND SATISFACTION

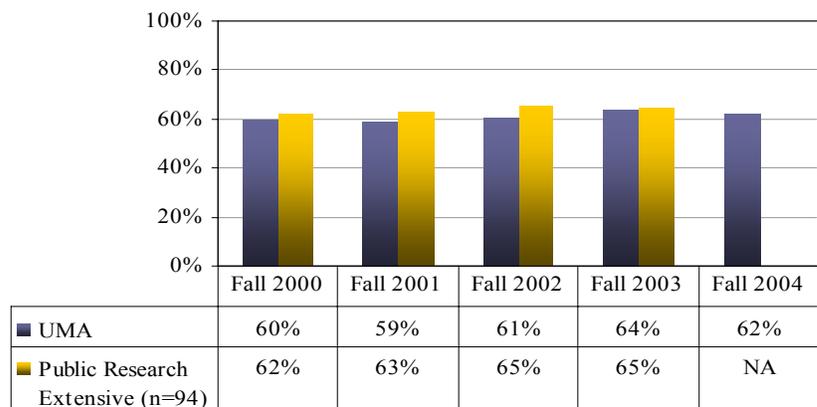
Freshman One-Year Retention Rate

The one-year retention rate dipped to 82% in 2004, somewhat below the peer average. Improving student retention is a campus priority, and new strategies are being developed to accomplish this goal.



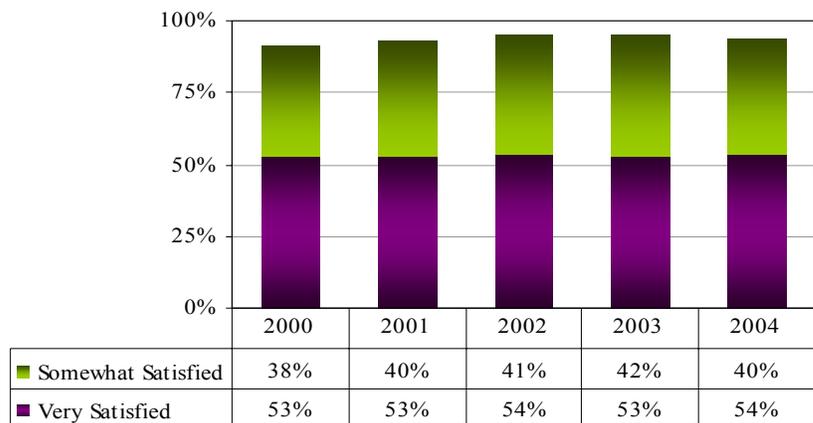
Freshman Six-Year Graduation Rate

Sixty-two percent of full-time Amherst campus students graduate within six years of entrance. This rate is somewhat lower than the average for 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.



Student Satisfaction with Major

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



FINANCIAL HEALTH

Operating Margin

Operating margin measures an institution's ability to live within its financial means. The campus compares favorably with its peers on this measure. In future years, as interest payments on new debt rises, operating expenditures will increase, thus reducing the operating margin.

	FY 2003	FY 2004
UMA	1.0%	2.5%
Peers	-0.1%	1.1%

Financial Cushion

Financial cushion represents an institution's capacity to sustain itself during difficult financial times. Although slightly lower than its peers, the ratio for the Amherst campus compares favorably. Plant fund balances are expected to decline over the next five years as construction activity accelerates. Increased debt payment costs will also reduce the campus's financial cushion.

	FY 2003	FY 2004
UMA	16.1%	16.8%
Peers	19.9%	21.6%

Debt Service to Operations

The debt service ratio decreased in FY04 due to the retirement of a major bond issue. The rate will increase in the next five years to over 5% of operations to cover the cost of new construction.

	FY 2003	FY 2004
UMA	5.9%	3.2%
Peers	4.8%	6.2%

Endowment per Student

The campus endowment is one of the lowest in the country for a public flagship campus. This ratio will improve over the next five years, but will still remain far below the peer average.

<i>Endowment per FTE</i>	<i>FY 2003</i>	<i>FY 2004</i>
<i>UMA</i>	\$3,089	\$3,830
<i>Peers</i>	\$16,312	\$16,127

<i>Endowment (\$000's)</i>	<i>FY 2000</i>	<i>FY 2001</i>	<i>FY 2002</i>	<i>FY 2003</i>	<i>FY 2004</i>
<i>UMA</i>	\$55,637	\$59,526	\$59,793	\$65,951	\$81,880
<i>Annual % change</i>	10%	7%	0%	10%	24%

Private Funds Raised Annually

Private funds raised 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>	<i>FY 2003</i>	<i>FY 2004</i>
<i>UMA</i>	\$24,840	\$21,853

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.

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, divided by total tenure system faculty.

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*.

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*.

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.

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.

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.

FINANCIAL HEALTH INDICATORS

Operating margin. Operating surplus as a percentage of total operating revenues plus federal and state appropriations. 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.

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 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 exclude pledges made in that year.

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 2002.

Excluded from this reference group of 146 universities are 36 institutions that do not have an undergraduate program (e.g., medical schools). These institutions are listed in *The Top American Research Universities, An Annual Report from The Lombardi Program on Measuring University Performance*, 2004, *TheCenter*, University of Florida. 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

*added in 2004

ABOUT THE CAMPUS

UMass Boston, founded in 1965 and merged with Boston State College in 1982, is nationally recognized as a model of excellence for urban universities. A comprehensive, doctoral-granting campus, we provide challenging teaching, distinguished research, and extensive service which particularly respond to the academic and economic needs of the state's urban areas and its diverse populations. We offer 14 undergraduate certificate, 78 Baccalaureate, 51 Masters & graduate certificate and 14 Doctoral programs.

UMass Boston is an unusual university, even among its peers, because of the diversity of its student population. In terms of race and ethnicity, UMass Boston is the most diverse public university with over 2,500 undergraduates in New England. In Fall 2004, 41% of our undergraduate students were US students of color.

Among our undergraduates, 43% are 22 or younger, the 'traditional' age for undergraduates. An additional 37% are between 23 and 30. These are often people in the beginning stages of careers or looking for career changes, for whom an undergraduate degree will make a significant difference. The remaining 18% are 31 and over. These students range in age from mid-career professionals to retirees. The university offers classes during the day, evenings, weekends and online to meet the needs of all students.

Two thirds of our entering UMass Boston students each fall semester are transfer students. Among our peers, transfer students comprise one half of the entering class on average. Almost one half of UMass Boston's transfer students come from four-year colleges. The remainder come from Massachusetts community colleges & other 2 year schools. Many bring academic credits from several colleges or universities.

A further indicator of the diversity of our student body is their language diversity. Two fifths of our students speak languages other than English at home. These are not 'international students' attending UMass Boston on a visa - although we have close to 500 such students - but recent immigrants and the sons and daughters of immigrants from the communities surrounding the campus. Language diversity within racial and ethnic groups reflects immigration into the region from many different parts of the world.

The social and economic diversity of our students is shown by Pell grant figures. Just over one third of our full time undergraduate students from Massachusetts receive Pell grants, which are federal funds targeted for those students most in financial need. Two thirds of our in-state undergraduate students apply for financial aid. Of these, 86% are eligible for aid. We are able to offer aid to 97% of

the eligible applicants. Thus, we meet 90% of the need of eligible in-state applicants.

In addition to those students with significant financial need, we enroll many students who do not require financial assistance as they are supported by family or from their own work and savings. We also serve a substantial number of veterans on our campus.

UMass Boston seeks to excel in both pure and applied research that advances knowledge and creates a better society for all. Recent efforts to achieve this goal focused on (a) improving the research infrastructure of the university, and (b) strengthening interdisciplinary areas of research excellence that were identified for the university's 2008 strategic plan. The university's first vice provost for research was hired in August 2004, a major initiative in health disparities research has been launched in partnership with the Dana Farber/Harvard Cancer Center, and resources have been identified for the creation or refurbishment of research laboratories and core facilities. The \$12.5 million National Science Foundation award to support the improvement of science teaching, in partnership with the Boston Public Schools, is evidence of the budding national reputation of UMass Boston.

This year we will undergo our 2005 NEASC accreditation review. Over the past year we have involved all campus constituencies in the process of our self study, which is now completed and publicly available on the web. The process has been thorough and steps have already been taken to address areas of concern such as the deteriorated state of the physical infrastructure.

At the core of UMass Boston is a strong culture of commitment to undergraduate education. Student survey results consistently show that the dedication of the faculty to student success is what students value most about UMass Boston. For example, respondents to the 2004 National Survey of Student Engagement rated their relationships with faculty more highly than did students in the other participating urban campuses.

The opening of the new campus center along with vigorous efforts to expand and enliven campus life, will enhance the connection students feel to the campus. We anticipate that these factors, as well as improvements in student service delivery anticipated with the implementation of Peoplesoft Student Administration, will make UMass Boston a first choice destination for higher education for increasing numbers of students.

HEADLINES FROM THE 2005 ANNUAL INDICATORS

Overall, the Boston campus performed well on the annual indicators. It showed improvement on some measures and reached or surpassed the level of its peer institutions on a number of others.

ACADEMIC QUALITY

We continue to attract increasingly well-qualified freshmen to our entering classes, and are more selective in this regard than our peers. We place greater emphasis on high school GPA and have successfully increased the average over the last 3 years. The quality of our students' academic achievement is also demonstrated by the fact that, since 1999, we have had 4 Fulbright winners, one British Marshall scholar and 2 Rhodes semi-finalists.

Pass rates on nursing exams have improved significantly since 2000 and now exceed national averages. We are very pleased with this critically important improvement.

Research dollars per faculty member grew again this year from \$28,916 in FY 00 to \$42,011 in FY 04. Since FY 99, R & D expenditures have increased 45% to \$15.4 million.

Sponsored Instruction and Outreach has also shown significant growth, from \$21,055 per faculty member in FY 00 to \$48,333 in FY 04. We are very pleased with this progress.

STUDENT SUCCESS AND SATISFACTION

Seniors report high levels of approval and satisfaction with the educational experience they have had at UMass Boston.

Regular participation in the National Survey of Student Engagement, the integration of a Graduating Senior Survey, and implementation of the CIRP Freshmen Survey provides for the regular assessment of student satisfaction with their UMass Boston experience. These surveys enable us to focus our improvement efforts more precisely around retention, which is a continuing challenge for our campus.

The opening of the Campus Center and vigorous enhancement of student life on campus are expected to increase retention by improving the sense of community for students, faculty and staff. This is being accompanied by the development of off-campus residence facilities and the careful raising of admission standards.

ACCESS AND AFFORDABILITY

We continue to serve residents of Greater Boston communities by fulfilling our mission of access to diverse populations. We serve large numbers of minority students, first-generation college students, and students with English as a second language.

SERVICE TO THE COMMONWEALTH

UMass Boston's Division of Corporate, Continuing, and Distance Education continues to see an increase in online course enrollments. We currently offer two bachelor's degree programs and five 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.

Four fifths of our alumni reside in Massachusetts. 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 partnership with Dorchester High and the Dana Farber Institute.

FINANCIAL HEALTH

Our financial architecture remained stable in spite of sustained, significant reductions in state appropriations in FY02 and FY03, due to well developed cost reduction and restructuring processes, other revenue increases, and an early retirement program. In FY 04 our financial profile improved due to the funding of collective bargaining agreements, a state supplemental budget increase, & a student fee increase. Our financial results for FY 04 (Operating Margin and Operating Cushion) show steady progress and we continue to strive for improvement by implementing our Strategic Plan and managing our resources in a way that ensures financial stability. The debt service ratio has increased as we have pursued an aggressive capital plan to improve our infrastructure and address deferred maintenance. Our debt service ratio is slightly above our peers, but well within industry standards. Taken as a whole, our financial health is sound.

2005 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• High School GPA of Freshmen	3.03
• SAT Scores of Freshmen (25 th -75 th)	954 - 1166
• Average GPA of Entering Transfers	3.05
• Licensure/Certification Pass Rates	
<i>Mass Teacher Certification Test</i>	96%
<i>NCLEX (Nursing)</i>	92%
• Research Per Faculty	\$42,011
• Sponsored Instruction & Outreach/Faculty	\$48,333

STUDENT SUCCESS AND SATISFACTION

• Freshmen One-Year Retention Rate	71%
• Freshmen Six-Year Graduation Rate	28%
• Transfer One-Year Retention Rate	70%
• Transfer Four-Year Graduation Rate	65%
• % Seniors Rating Educational Experience “Good” or “Excellent”	87%
• Number of Students Enrolled in For-Credit Internships	940

ACCESS AND AFFORDABILITY

• % Undergraduate ALANA Students	41%
• % First Generation College Students	59%
• % Undergraduates Who Speak English as a Second Language	44%
• % Undergraduate Students from MA	92%

SERVICE TO THE COMMONWEALTH

• % Graduates Who Live in MA	80%
• Rate of Growth in Distance Education Enrollments	-15%
• Year-to-date Enrollments in Distance/Online Courses	2,177

FINANCIAL HEALTH

• Operating Margin	-0.02%
• Financial Cushion	6.68%
• Debt Service to Operations	5.03%
• Endowment Per Student	\$2,158
• Annual Growth in Endowment	4.00%
• Private Funds Raised Annually (\$000s)	\$4,938
• Age of Facilities Ratio	12.01

ACADEMIC QUALITY

High School GPA of Freshmen

The average GPA of entering first time freshmen at UMB has increased steadily from 2.82 in Fall 2000 to 3.03 in Fall 2004. GPA scores are closely linked to success in college.

These first time freshmen are only one third of our new students each Fall, two thirds are transfer students.

	<i>Fall 2000</i>	<i>Fall 2001</i>	<i>Fall 2002</i>	<i>Fall 2003</i>	<i>Fall 2004</i>
>3.00	35%	34%	41%	48%	54%
2.50 - 2.99	37%	40%	43%	45%	37%
<2.50	28%	26%	16%	7%	10%
<i>Average</i>	2.82	2.82	2.92	2.97	3.03

SAT Scores of Freshmen

The mean SAT scores of entering freshmen have declined slightly as average high school GPA's have risen.

	<i>Fall 2000</i>	<i>Fall 2001</i>	<i>Fall 2002</i>	<i>Fall 2003</i>	<i>Fall 2004</i>	<i>Fall 2003 Peers</i>
75th %ile	1140	1150	1130	1110	1120	1166
25th %ile	950	960	970	950	950	954

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 steadily from 2.84 in Fall 2000 to 3.05 in Fall 2004. There are no comparable peer data for this indicator.

	<i>Fall 2000</i>	<i>Fall 2001</i>	<i>Fall 2002</i>	<i>Fall 2003</i>	<i>Fall 2004</i>
<i>UMB</i>	2.84	2.86	2.95	3.03	3.05

Licensure and Certification Test Pass Rates

National Council Licensure

Examination for Registered Nurses

First time test taker pass rates have increased 15% over the past five years. The National Pass Rate has declined 2% since last year.

	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>
<i>UMB First Time Taker Pass Rate</i>	77%	81%	88%	91%	92%
<i>National Pass Rate</i>			87%	87%	85%

Mass Teacher Certification Pass Rate

Certification pass rates have increased from 80% to 96%. In 2003/2004, the UMB pass rate was comparable to the state average.

	<i>1999/00</i>	<i>2000/01</i>	<i>2001/2002</i>	<i>2002/2003</i>	<i>2003/2004</i>
<i>UMB</i>	80%	90%	95%	88%	96%
<i>State average</i>		87%	91%	97%	95%

Research per Faculty

R&D per faculty member grew by 45.2% between FY 00 and FY 04 at UMB reaching \$42,011 per full-time tenured faculty in FY 04, exceeding our peer average.

In calculating the peer data, we have excluded the University of Illinois Chicago, which has a Medical School and whose current Funds Revenue and Research Expenditures are 15 times larger than UMass Boston.

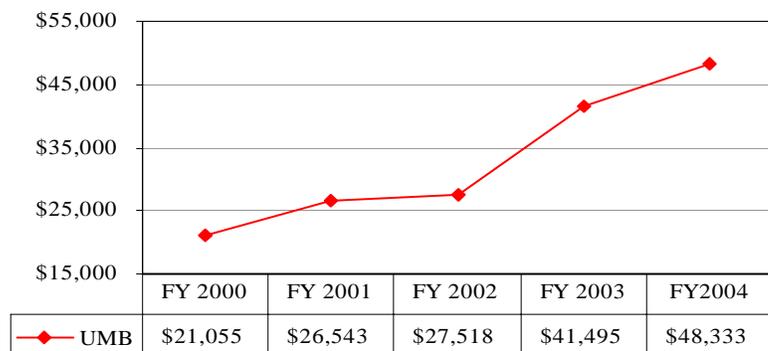


	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
Total R&D Expenditures as reported in NSF (\$000's)	\$12,058	\$11,672	\$13,121	\$15,793	\$15,460

Sponsored Instruction & Outreach per Faculty

UMB's sponsored activity in Instruction and Public Service continues to grow rapidly. In FY 04, we reached an average of \$48,333 per faculty member. This is a 129.6% increase since FY 00, reflecting our commitment to training, education and public service.

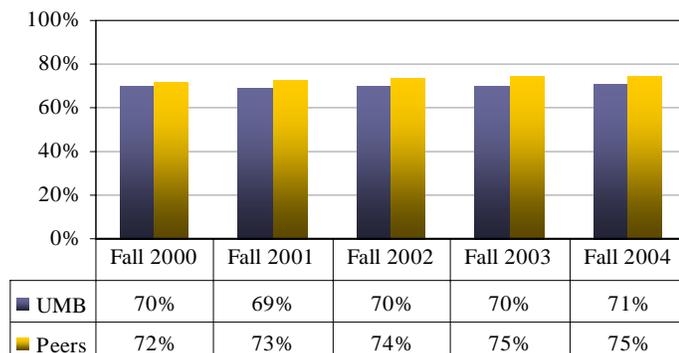
Financial information to calculate this measurement for our peers is not available because of the new GASB standards for financial reporting.



STUDENT SUCCESS AND SATISFACTION

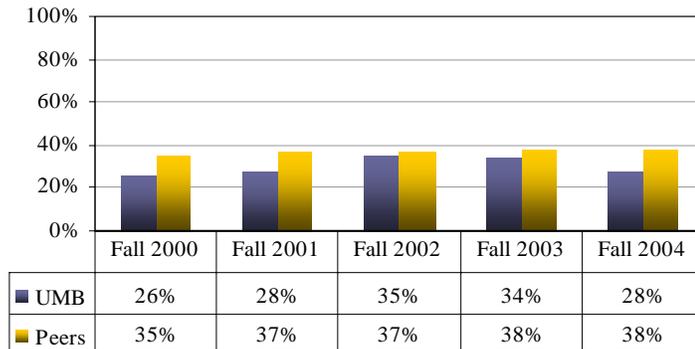
Freshmen One-Year Retention Rate

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. Changes in our undergraduate curriculum will increase retention by creating learning communities. The Campus Center is expected to influence retention favorably in the future. The lack of residence halls continues to be a challenge to the university.



Freshmen Six-Year Graduation Rate

The 1998 cohort (reported as Fall 2004) retention rate has declined to 28%. The six year graduation rate of freshmen is lower than that of our peers and has not shown consistent increases. We anticipate that the opening of the Campus Center will have a long-term positive effect on graduation rates. Ongoing efforts to improve retention will also positively impact graduation rates over time. Graduation rates, of necessity, reflect cohort histories and not the future.



Transfer One-Year Retention Rate

This shows the one year retention rate of all full-time transfer students, however many credits they are transferring into UMB. The rates cannot be compared nationally as no such data are available.

	Fall 2000	Fall 2001	Fall 2002	Fall 2003	Fall 2004
Percent	68%	68%	66%	71%	70%

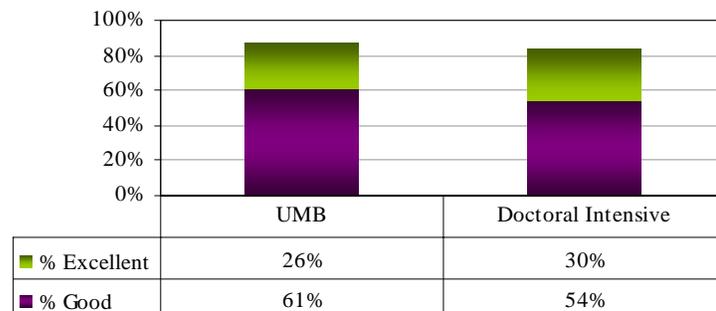
Transfer Four-Year Graduation Rate

The four year upper division transfer graduation rate declined to 65% in Fall 2004. There are no peer comparisons available for this indicator as these statistics are not collected nationally.

	Fall 2000	Fall 2001	Fall 2002	Fall 2003	Fall 2004
Percent	66%	67%	66%	69%	65%

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

Over 87% of the UMB seniors responding to the National Survey of Student Engagement rated their experience here 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

Last year the campus established a centralized system for tracking the number of students enrolled in credit bearing internships. It replaced a decentralized model that did not capture internships that were integrated into the curriculum of the majors. Improvements this year to the centralized system allowed the campus to capture more information regarding internships that are integrated into the curriculum of the majors.

	Fall 2000	Fall 2001	Fall 2002	Fall 2003	Fall 2004
UMB	192	166	191	658	940

ACCESS AND AFFORDABILITY

% Undergraduate ALANA Students

Two-fifths of all undergraduates at UMB are students of color, whereas only one-fifth (20%) of the population of the area from which we draw (Mass portion of the PMSA, Census 2000) are persons of color. UMB continues to be the most diverse public university with over 2,500 undergraduates in New England.

	Fall 2000	Fall 2001	Fall 2002	Fall 2003	Fall 2004
<i>Number</i>	2,699	2,773	2,655	2,608	2,525
<i>Percent</i>	38%	39%	39%	40%	41%

% First Generation College Students

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

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

% Undergraduates who Speak English as a Second Language

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

	2002	2003	2004
<i>Retention Study 2002</i> : Fall 2000 First Time, Full Time Freshmen	42%		
<i>Graduating Senior Survey</i> : August 2002, May 2003	39%	37%	
<i>First Time, Full Time Freshmen Survey 2003 CIRP</i> : Is English your native language? 35% responded 'No'.		35%	
<i>Graduating Senior Survey</i> : AY 2003/2004			36%
<i>NSSE 2004</i> : Combined Freshman and Seniors			44%
<i>First Time, Full Time Freshmen Survey 2004 CIRP</i> : Is English your native language? 38% responded 'No'.			38%

% Undergraduate Students from Massachusetts

UMB serves primarily undergraduate students from Massachusetts. Although we have consistently attracted international and out-of-state students, in Fall 2004 only 8% of our undergraduate students were international or out-of-state students, compared with 11% in Fall 2000.

	<i>Fall 2000</i>	<i>Fall 2001</i>	<i>Fall 2002</i>	<i>Fall 2003</i>	<i>Fall 2004</i>
<i>Number</i>	8,528	8,711	8,217	7,975	7,397
<i>Percent</i>	89%	90%	90%	91%	92%

SERVICE TO THE COMMONWEALTH

% Graduates Who Live in Massachusetts

The majority (80%) of the undergraduate and graduate alumni of UMB stay, work, and pay taxes in Massachusetts.

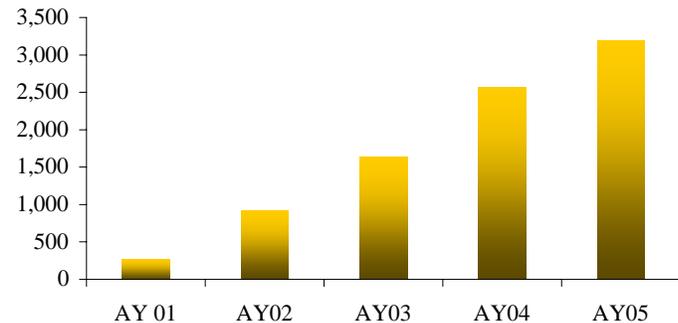
	<i>Fall 2001</i>	<i>Fall 2002</i>	<i>Fall 2003</i>	<i>Fall 2004</i>
<i>Undergraduate</i>	81%	80%	80%	80%
<i>Graduate</i>	81%	80%	80%	80%
<i>All</i>	81%	80%	80%	80%

Rate of Growth in Distance Education Enrollments

Enrollments have grown significantly from the first offerings of online instruction in Fall 2000.

AY04 figures have been updated to include Summer 2004 activity.

Summer 2005 estimated enrollment of 1,010 is included in AY05's total.



Enrollments in Distance/Online Courses

Online course enrollment has grown very rapidly over the last four years. The enrollments for AY05 include the summer 2005 activity - which is estimated at 1010 students, giving an annual growth rate estimate of 24%

	<i>AY01</i>	<i>AY02</i>	<i>AY03</i>	<i>AY04</i>	<i>AY05 to date</i>
<i>UMB</i>	268	914	1,631	2,569	3,187
<i>Annual Rate of Growth</i>	1st year	241%	78%	58%	24%

FINANCIAL HEALTH

Operating Margin

Changes in GASB accounting standards now require the recording of depreciation. This has had a dramatic effect on Operating Margin beginning with FY 03. While reductions in state appropriations in FY 02 and FY 03, planned increases in debt service, and small enrollment decreases, have all contributed to making our fiscal climate more difficult, our campus has shown modest and steady improvement in Operating Margin.

	FY 2002	FY 2003	FY 2004
<i>UMB</i>	-5.35%	-4.55%	-0.02%
<i>Peer Average</i>	-5.43%	-4.01%	-2.67%

Financial Cushion

The Boston campus had extraordinary growth in financial cushion from FY98 through FY01. In FY02 & FY03 we experienced the reality of the state fiscal crisis. We were fortunate to have prudently accumulated financial cushion in the prior years. The financial cushion, decreased somewhat in FY03, and then increased to a respectable 6.68% in FY04. We find ourselves challenged when compared to our peers on the basis of financial cushion, as all of our peer institutions are more mature than UMass Boston, and several are aspirant peers.

	FY 2002	FY 2003	FY 2004
<i>UMB</i>	4.48%	3.68%	6.68%
<i>Peer Average</i>	7.10%	10.71%	12.07%

Debt Service to Operations

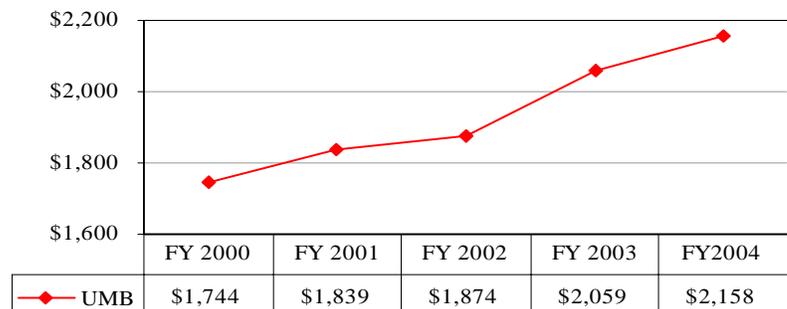
The debt service ratio shows a planned increase since FY02 due to UMB's aggressive capital plan and continuing investment in the infrastructure for science, technology, and research. The debt service includes the new Campus Center, campus energy conservation, continuing scientific equipment needs, Peoplesoft project developmental costs, campus rewiring, garage repairs, and a number of capital repairs and deferred maintenance projects.

	FY 2002	FY 2003	FY 2004
<i>UMB</i>	2.17%	4.58%	5.03%
<i>Peer Average</i>	3.08%	3.57%	2.98%

Endowment per Student

The endowment per student continued to increase in FY04, a larger growth than in the previous two years. This reflects initiatives by the Development office, and a small increase in earnings.

Peer data are not available for this measure.



	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
<i>Total (\$000's)</i>	\$18,304	\$18,755	\$19,255	\$20,491	\$21,244

Annual Growth in Endowment

The rate of growth in the endowment in FY04 was smaller than in FY03, reflecting a period of organizational changes within the Institutional Advancement Office to restructure for the future.

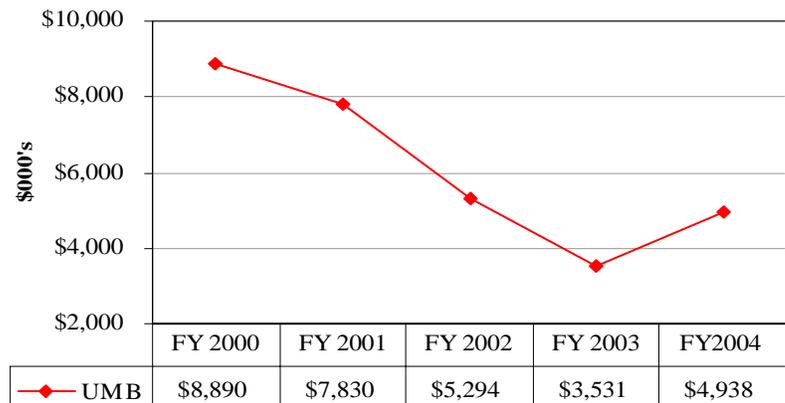
	<i>FY 2000</i>	<i>FY 2001</i>	<i>FY 2002</i>	<i>FY 2003</i>	<i>FY 2004</i>
<i>Number</i>	\$1,388,953	\$451,015	\$499,711	\$1,235,916	\$753,109
<i>Percent</i>	8%	2%	3%	6%	4%

Peer data are not available for this measure.

Private Funds Raised Annually

Private fund raising was extraordinarily successful in the years 1996-2001 resulting from the first ever capital campaign. As anticipated, this slowed down after 2001 marking “the downside of the curve” after the previous five years. In FY04 private funds increased reflecting an upswing in pledges.

We anticipate that the current reorganization of the Advancement Office, and strong planning for future activities will increase our private fundraising.



Age of Facilities Ratio

The Age of Facilities for UMass Boston increased in FY 04. This reflects the addition of capitalizable costs for improvements and the impact of the campus center. We continue to generate an indicator somewhat below (more favorable than) our peers reflecting our continued investment in Building and Capital Improvements.

	<i>FY 2002</i>	<i>FY 2003</i>	<i>FY 2004</i>
<i>UMB</i>	11.53	11.78	12.01
<i>Peer</i>	11.95	13.16	13.64

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.

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.

STUDENT SUCCESS AND SATISFACTION INDICATORS

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.

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.

ACCESS AND AFFORDABILITY 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.

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

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.

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.

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).

FINANCIAL HEALTH INDICATORS

Operating margin. Operating surplus as a percentage of total operating revenue, plus state appropriations, plus gifts. 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.

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.

Age of facilities indicator(s). Age of facilities ratio calculates the relative age of plant in years. Age of facilities is determined by dividing accumulated depreciation by the annual depreciation.

PEER INSTITUTIONS FOR UMASS BOSTON

University of Illinois at Chicago
 Old Dominion University
 Georgia State University
 University of Memphis
 University of Missouri-St Louis
 Cleveland State University
 Portland State University
 CUNY-Queens
 CUNY-Brooklyn
 George Mason University

ABOUT THE CAMPUS

SIZE — The University of Massachusetts Dartmouth is in a rural environment situated on 710 acres, within an hour of four major population centers in the Commonwealth. The Dartmouth campus has been experiencing unprecedented student demand over the last five years, but we experienced a leveling in over-all enrollment for fall 2004. Future enrollments will again grow. The enrollment for fall 2004 was 7,261 day-division students (726 of these are graduate students) and 1038 continuing education students. Demand for housing is increasing, and we built two 400-bed dormitories for fall 2002 and have constructed new apartment-style residence halls, which took their first student residents in Spring 2005 and are adding 1,200 additional beds to the campus housing stock. In the fall 2004, the full-time FTE faculty was 340 and the part-time FTE faculty was 78.

STUDENT BODY — Many of our students are first-generation college attendees. Fifty percent of them come from the south-coast region and 40% come from outside the region but within the Commonwealth. On average, our students work more than 20 hours per week in order to fund their education, and have a work ethic that serves them well when they graduate. Our students enjoy levels of success after graduation that are exemplary, and our small, intimate, regional campus offers an attractive alternative to the larger, national public campuses.

ACADEMIC PROGRAMS — We offer 58 undergraduate and graduate degree programs in five colleges (Arts and Sciences, Business, Engineering, Visual and Performing Arts, Nursing) and one school (Marine Science and Technology). Among the programs we offer are a strong group of nationally or internationally accredited programs (21): Nursing (2), Engineering (5), Visual Arts (6), Chemistry (1), Medical Laboratory Science (1), Business (6). We offer 21 Master's degree programs and 4 doctoral degree programs. We have an unusual program profile compared to other Master's Comprehensive Institutions. Most institutions have large, low-cost, high enrollment programs such as Teacher Education, Criminal Justice, and Journalism. Instead we emphasize high-cost programs including Visual and Performing Arts, Engineering, Marine Science and Technology, and Nursing.

DEGREES GRANTED — UMass Dartmouth produces annually over 1,000 graduates, and that number will grow in future years due to recent enrollment increases. 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 16 PhDs at the UMass Dartmouth campus.

We present here a table to display the range of degrees and their academic fields, awarded in 2004.

UMASS DARTMOUTH DEGREES GRANTED IN 2004			
	BAC	MST/ PBC	PhD
Arts & Sciences			
Humanities	119	9	0
Sciences	68	7	0
Social Sciences	229	7	0
Interdisciplinary	49	6	0
Business	298	53	0
Engineering	119	83	2
Nursing	83	24	0
Visual & Performing Arts	127	19	0
TOTAL	1092	208	2

EVOLUTION — We are a campus in transition, building on a long and productive history of undergraduate teaching and learning and expanding graduate and outreach programs. We have been building a full research program, and have seen our research funding grow to \$18.7M per year from a base less than \$2M twelve years ago. We have recently added an MS in Civil/Environmental Engineering and an MA in Portuguese Studies and are targeting other areas for new graduate programs over the next 5 years to support the growing research activity and to enhance the overall educational environment for both undergraduate students and graduate students.

REGIONAL FACTORS — UMass Dartmouth is ranked among the top regional public universities in the North by U.S. News and World Report. UMass Dartmouth is *the* university in southeastern Massachusetts, and we are fully engaged. Expectation for outreach and the use of our intellectual resources is high. We have a strong constituency among regional industry, the community, and the regional legislative delegation. Many of these delegates are alumni, as are the Mayors of Fall River and New Bedford. We have vigorous and productive major outreach centers both inside and outside the main campus boundaries.

HEADLINES FROM THE 2005 ANNUAL INDICATORS

The UMass Dartmouth indicators show overall strong performance. 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.

ACADEMIC QUALITY

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, and they reassure us that they are. UMass Dartmouth seeks students well prepared for college, and the campus works hard to recruit students across a relatively broad spectrum. In this way we help realize our mission to serve the region and the Commonwealth by giving a wider range of capable students access to a high-quality education.

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 three years, going from \$19,769 per faculty member in FY 1999 to \$62,948 in FY 2004. The total sponsored research activity was \$18.76 million in FY 2004. At \$9.54 million, federally-funded research is well represented, indicating the Dartmouth campus' involvement in meeting national priorities through research and development; and the proportion of our R&D that is federally funded is growing. 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.

STUDENT SUCCESS AND SATISFACTION

The one-year retention and six-year graduation rates for Dartmouth's freshmen compare well with those of our peers and are strong 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.

SERVICE TO THE COMMONWEALTH

The two indicators in this category show that our impact on the Commonwealth is substantial. We are showing information gathered to describe the 2003 fiscal year.

The indicator on Enrollment in Corporate Education and Training helps to verify UMass Dartmouth's contributions to the Commonwealth and to Southeastern Massachusetts by giving a profile of activities and participants. In all, 4,030 individuals participated in professional development training; seminars for members of professional organizations; workforce training; and post-baccalaureate studies for professionals.

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

These categories 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."

FINANCIAL HEALTH

We have continued to address fiscal challenges. Progress continues strong 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 has been adopted as a fiscal stabilizing strategy. Current and anticipated state allocation reductions, while challenging, are being dealt with effectively, keeping our core missions strong.

2005 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of Freshmen	3.08
• SAT Scores of Freshmen (average)	1058
• SAT Scores of Freshmen (25 th -75 th)	1140 - 980
• Licensure/Certification Pass Rates	
<i>Mass Teacher Test</i>	100%
<i>Nursing</i>	90%
• Sponsored Research/Faculty	\$62,948
• Sponsored Research	\$18,758,370
• Federal Research Support	\$9,537,155

STUDENT SUCCESS AND SATISFACTION

• Freshman One-Year Retention Rate	76%
• Transfer One-Year Retention Rate	76%
• Freshman Six-Year Graduation Rate	50%
• Transfer Six-Year Graduation Rate	77%

SERVICE TO THE COMMONWEALTH

• Enrollment in Corporate Education & Training	4,030 Participants
• Regional Impact	
Activities of Centers	7,030 Participants
Library Use by Surrounding Community	2,427 Inquiries /3,300 Cards
Musical and Artistic Events	17,000 Participants
News Citations	Over 5,000
Regional Leadership	12 Legislators are Alums

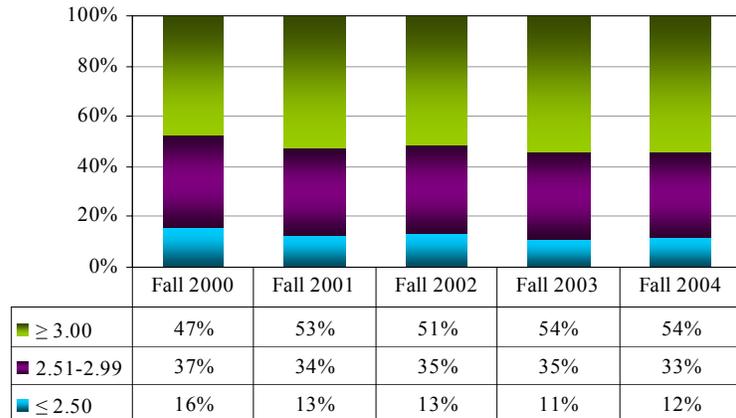
FINANCIAL HEALTH

• Operating Margin	0.0%
• Financial Cushion	2.2%
• Debt Service to Operations	7.0%
• Endowment Per Student	\$2,055
• Endowment Assets	\$14,751,783
• Private Funds Raised Annually	\$5,458,095
• Age of Facilities Ratio	12.4

ACADEMIC QUALITY

High School GPA of Freshmen

A steady increase trend in our HS GPA profile over the past years shows that UMass Dartmouth is succeeding in its goal of improving student quality. SATs have also risen.



	Fall 2000	Fall 2001	Fall 2002	Fall 2003	Fall 2004
Average	2.98	3.04	3.02	3.06	3.08

SAT Scores of Freshmen

A steady increase trend in SAT scores together with improvement in GPAs show that UMass Dartmouth is succeeding in improving the quality of its incoming freshmen. Although our peers have higher SATs, given the competitive admissions environment in New England, our mission of access, and the presence of aspirant peers, our SATs are appropriate. The SAT data include Alternative Admission students. The peer data include aspirant as well as comparative peers.

	Fall 2000	Fall 2001	Fall 2002	Fall 2003	Fall 2004	Peers
75th %ile	1130	1140	1130	1130	1140	1187
25th %ile	960	970	970	980	980	994
Average	1043	1050	1047	1058	1058	1090

Licensure and Certification Test Pass Rates

UMass Dartmouth Nursing students' performance on the licensure examination is good, with a 90% pass rate. Performance on the Massachusetts Tests for Educator Licensure is high, with an overall 96% of students passing all three portions—Basic Skills Reading, Basic Skills Writing, and the Academic Content Area. Students may not enter the teacher preparation program before passing the skills tests or advance to student teaching before passing the content test.

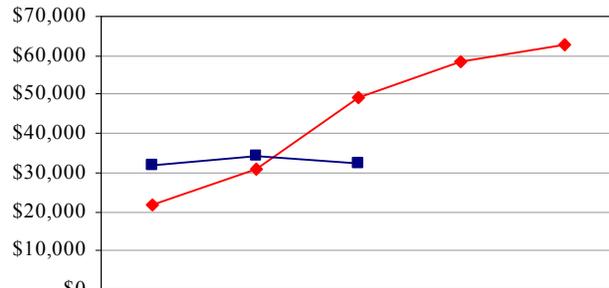
Nursing Licensure	2003	2004
Pass rate:	96%	90%
National Average:	87%	85%
Number Tested:	50	60

Teacher Preparation	2003	2004
Pass rate:	96%	100%
State Average:	97%	95%
Number Tested:	48	55

Sponsored Research per Faculty

UMass Dartmouth has a strong overall upward trend in this indicator, which is \$62,948 in FY 2004. The increase between FY 2000 and FY 2004 is 185%. The total R&D value is \$18.758M for FY 2004. We are considerably ahead of our peers in this indicator; FY 2002 is the latest year for which peer comparisons are available.

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. Increased income from indirect charges is also important to our future revenue stream.



	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
UMD	\$21,646	\$31,069	\$49,437	\$58,260	\$62,948
Peers	\$31,944	\$34,249	\$32,356	NA	NA

Total R&D Value (in Millions)				
FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
\$6.905	\$9.881	\$15.721	\$17.012	\$18.758

Federal Research Support

UMass Dartmouth continues to see increases in funded research supported by federal dollars, rising in FY 2004 to over \$9.5 million. The institution is thus expanding 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. We are considerably ahead of our peers in this indicator; FY 2002 is the latest year for which peer comparisons are available. The federally funded portion of overall R & D activity continues to grow at the Dartmouth campus.

(in Millions)	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
UMD	\$3.228	\$4.928	\$7.142	\$8.718	\$9.537
Peers	\$3.905	\$5.877	\$5.723	NA	NA

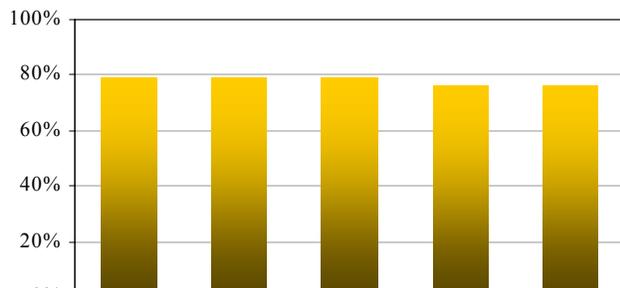
STUDENT SUCCESS AND SATISFACTION

Freshman One-Year Retention Rate

76% percent of last fall's first-time, full-time freshmen were still enrolled as of the next fall.

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 do well if they achieve first-year retention rates above 75% and quite well at 80% or above. Our peers average 78% on this measure.

This year's number represents a set-back from our goal of exceeding 80% on this measure—an ambitious goal designed to challenge the institution. We are studying the factors that contribute to a decline in retention.



2-yr average from US News 2005 Edition (Fall 2003): Peers 78%

Transfer One-Year Retention Rate

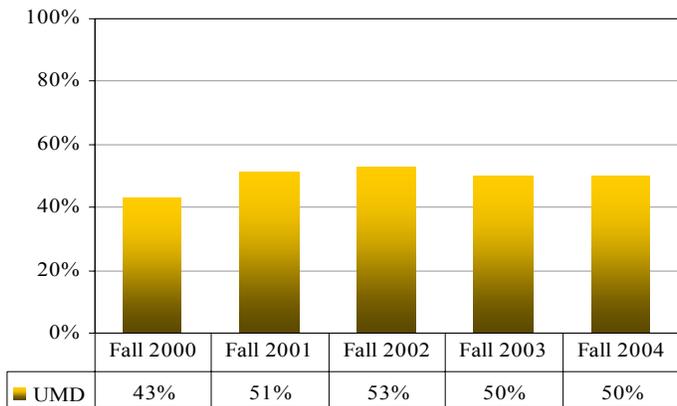
This indicator shows that 76% percent of last fall’s entering transfer students were either still enrolled as of the next fall or had completed their program. We are meeting the needs of the large proportion of these students. We also note that today’s students have a wide range of reasons for transferring, and more and more do so readily. Transfer students are important in the university’s enrollment and access goals.

	Fall 2001	Fall 2002	Fall 2003	Fall 2004
Percent	79%	80%	78%	76%

Freshman Six-Year Graduation Rate

50% of the first-time, full-time freshmen who entered in fall 1997 had graduated from UMass Dartmouth by the end of the 2004 calendar year. UMass Dartmouth continues a trend of recovery from a series of low years. The low values in 1999 and 2000 reflect relatively difficult circumstances in 1993 and 1994, when those freshman classes were accepted.

Research by higher-education scholars such as Alexander W. Astin shows that institutions with UMass Dartmouth’s profile of on-campus residency, admissions quality, and institutional type are doing well if they achieve graduation rates above 50%. We are performing as well as our comparative peers alone, who have together a 51% graduation rate; the rate reported for peers in the chart includes aspirant peers.



3-year average from US News 2005 Edition (Fall 2003): Peers 55%

Transfer Four-Year Graduation Rate

This indicator shows that 77% percent of the full-time upper division transfer students who entered in fall of 2000 had completed their program. Upper division students are those with 60 or more credits.

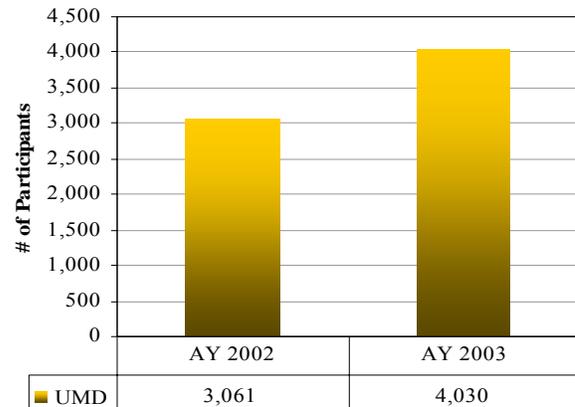
	Fall 2001	Fall 2002	Fall 2003	Fall 2004
Percent	78%	69%	77%	77%

That the rate of degree completion for transfer students is not much lower than the rate at which transfer students return for a second year suggests we are their school of choice for degree completion.

SERVICE TO THE COMMONWEALTH

Enrollment in Corporate Education & Training

This indicator counts AY 2003 participants in the corporate education and training activities offered through our Division of Continuing Education and Advanced Technology and Manufacturing Center. In all, 4,030 individuals participated in activities including professional development for health providers, forensics, agricultural business, information technology, small business entrepreneurship, manufacturing, quality assurance (through ISO 9000), seminars for professional organizations like the Institute of Electrical and Electronics Engineers and the Massachusetts Manufacturing Extension Partnership, workforce training, and post-baccalaureate certificates for computer/engineering/business professionals. The Division of Continuing Education had 31 active partnerships with public agencies and private companies.



Regional Impact

This summary highlights many activities. It is by no means exhaustive, but indicates the range and effect of programs, activities, and events. Less easy to tabulate is our *influence* on the region, but these data suggest it is considerable.

- In 2003 the Centers for Portuguese Language and Culture, Marine Science and Technology, Indic Studies, Teaching and Learning, Jewish Culture, and French Language and Culture together hosted 140 different events—including lectures, seminars, professional development workshops, and conferences—for 7,030 total participants. The Southcoast Economic Partnership and Southcoast Educational Compact provide development support for CEOs and superintendents in the region.
- The library had, last year, 2,427 reference inquiries from off campus and the historical and cultural archives had 85 community users in 2003. Over 3,300 community members have library privileges.
- The Centers for Marine Science and Technology, Advanced Technology and Manufacturing, and Policy Studies together conducted over 90 different major projects in economic and technology development and environmental management. The work of the Center for Policy Studies alone was cited in 103 different regional newspaper articles during 2002. The Slade's Ferry Bank Center for Business Research has had 168 different regional businesses as clients. The Advanced Technology and Manufacturing Center has 9 venture technology companies, 9 industry projects totaling \$232K, and 41 student interns working on a variety of real-world problems. The Center for Rehabilitation Engineering in 2003 assisted 255 people with disabilities (136 new clients) in 594 service transactions, installing 127 new systems; over the past 22 years, the Center has served 2,153 people with disabilities.
- In the arts in 2003, UMass Dartmouth hosted over 40 musical and 25 arts events, with over 17,000 total participants.
- UMass Dartmouth has among its graduates 12 current state legislators and 5 legislative staff, two sitting mayors, and many city councilors and members of town boards.
- In all, UMass Dartmouth was cited in over 5,000 news articles in 2002.

As the only university in Massachusetts, public or private, south of Boston, the Dartmouth campus of the University of Massachusetts makes a rich contribution to the southeastern Massachusetts region.

FINANCIAL HEALTH

Operating Margin

This ratio measures an institution's ability to generate revenue in excess of expenditures and mandatory transfers. The construction of residence halls helped improve this indicator by generating sufficient revenues to cover the additional debt service as well as the necessary operating costs. It is customary for this indicator to fluctuate from year to year.

	FY 2002	FY 2003	FY 2004
UMD	-1.2%	3.5%	0.0%
Peers	0.74%	0.90%	

Financial Cushion

The financial cushion reflects long-term financial health of the institution and its ability to weather, or "cushion" itself from, short-term operational ups and downs. The campus is committed to a prudent financial management approach that will increase fund balances over the next five years; this year's number shows continuing progress. The campus achieved cash equilibrium in fiscal 2002, continued to improve its cash position in 2003 and 2004 and will add to that reserve over the coming years, achieving a positive number by fiscal 2007. The growth strategy undertaken by the campus is helping move us in that direction.

	FY 2002	FY 2003	FY 2004
UMD	-7.2%	-3.7%	2.2%
Peers	16.8%	8.1%	

Debt Service to Operations

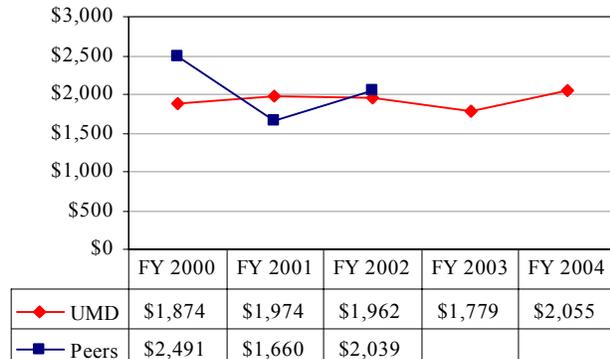
The Debt Service Ratio has improved in recent years, as the result of the expiration of two major capital leases. But this indicator rose in FY 2003 and again in FY 2004, as a result of the construction of new residence halls.

	FY 2002	FY 2003	FY 2004
UMD	3.7%	5.3%	7.0%
Peers	2.6%	2.8%	

Endowment per Student

This 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. Although the absolute value of the endowment increased, growth in this indicator is lessened due to enrollment increases.

The total endowment of \$14,751,783 in FY 2004 is projected to continue to grow. The total endowment has doubled since the FY 1998 figure of \$7,293,000. Peers performance shows declines.



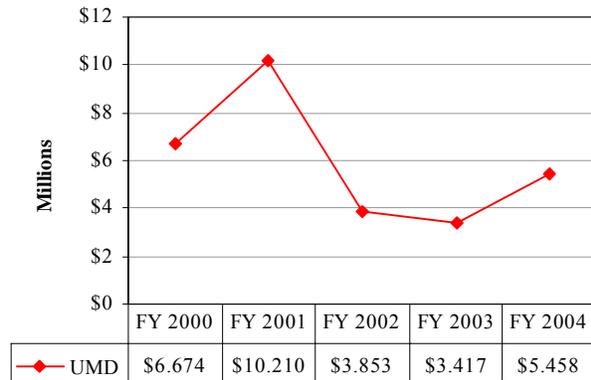
Endowment Assets

The UMass Dartmouth endowment continues to grow, recently at a moderate pace.

(in Millions)	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
UMD	\$11.057	\$12.163	\$12.703	\$12.777	\$14.752

Private Funds Raised Annually

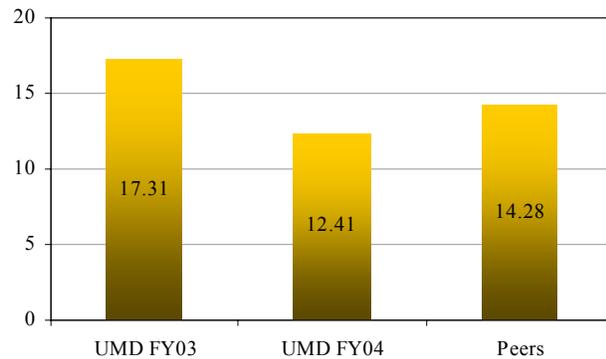
This indicator gauges UMass Dartmouth's success in raising funds from private sources (alumni and other individuals, foundations, corporations and other organizations) to support its mission. A one-time gift-in-kind of \$5 million was received in FY 2001. Several factors had a negative effect on fundraising capabilities during FY 2002, continuing into FY 2003; performance on this indicator is now improving. 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.



Age of Facilities Ratio

The age of facilities ratio displays the accumulated depreciation of the campus facilities as a ratio of the depreciation expense in the year of concern.

The age of facilities ratio measures the accumulated depreciation of all physical assets as a ratio to the current year's depreciation expense. Over time, if one does not replace depreciable assets, one's ratio will be higher. The lower the number, the newer the assets. We are performing well on this indicator.



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 2004.

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.

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.

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 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.

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 4-year averages.

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 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.

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

Operating Margin. Operating surplus as a percentage of total operating revenues plus federal and state appropriations. Peer data are 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.

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.

Age of Facilities Ratio. The average age of plant as measured in years and defined as current depreciation expense divided by accumulated depreciation. Peer data are from published Carnegie benchmarks.

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*

ABOUT THE CAMPUS

LOWELL'S MISSION

Lowell's mission is to offer high-quality affordable education and to reach out to the broader community with programs of research and public service that assist sustainable regional economic and social development.

This mission was first established by a merger in 1975 (based on far-sighted legislation designed to create "more opportunity for our citizens") of Lowell Technological Institute and Lowell State College to create the University of Lowell.

Our second merger, in 1991, formed the new five-campus UMASS and enabled Lowell to tightly focus on programs meeting rigorous standards for quality, demand, cost, and centrality to our mission. This focusing process consumed Lowell's attention and energy for the seven-year period from 1993-2000 and consolidated the campus into four Colleges and a Graduate School of Education. (All teacher-preparation programs at Lowell are at the graduate level.)

CAMPUS ADMINISTRATIVE STRUCTURE

In order to ensure strong intellectual and professional competence in its academic areas, to pursue its three primary goals - effective teaching and learning, diversity and pluralism, and assisting sustainable regional economic and social development - and to pursue its service/outreach mission, Lowell established a three - component administrative structure. The components are: 1) a limited number of traditional academic departments and colleges; 2) three faculty- and staff-driven councils, and 3) some thirty interdisciplinary Centers and Institutes.

STUDENT BODY

Lowell awards about 1,800 degrees each year. Our goal, based on our mission, is to grant 60% of these degrees at the undergraduate level, 35% at the master's level, and 5% at the doctoral level. These proportions were nearly achieved over the past year with 65% undergraduate, 30% master's, and 5% doctoral degrees conferred in 2003 - 04.

CAMPUS CLASSIFICATION

Lowell has been for ten years in Category I (the top step) of the institutional classifications of the American Association of University Professors.

In the Carnegie Classification of institutions, based on awarded doctoral degrees, Lowell is at the second step: Doctoral/Research-Intensive.

PHYSICAL PLANT

Of the five UMASS campuses, Lowell is the only one embedded in the heart of its host city. UML North is at the very edge of the City's downtown area. UML South is about one mile away in a more residential urban setting. UML East is between the other two campus clusters and is home to residence halls, the Campus Recreation Center, and the LeLacheur Baseball Stadium.

Over the last decade, the Lowell Campus has been a partner with the City of Lowell in the building of the Tsongas Arena and the LeLacheur Baseball Park and the rebuilding of the old Lawrence Mill site at the junction of City and University property.

In recent years, Lowell has inaugurated an aggressive facilities campaign. We have completed all deferred maintenance on UML North, South, and East, as well as spruced up the campus to integrate it into its City surroundings.

HEADLINES FROM THE 2005 ANNUAL INDICATORS

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 1091.

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 are encouraged by our growth to \$63,111 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 is particularly 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.

Lowell is pleased that the state has supported K-12 education thoroughly, but cautions that support from the state must be extended to include higher education to benefit those who cannot afford a private college. A significant drop-off in education support at high school graduation will not maintain the steady flow of skilled, educated citizens and innovation necessary for the Commonwealth's economic and social health.

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. In order to enhance the campus's ability to provide service to the Commonwealth, state support for higher education needs to be similar to support for K-12 systems.

FINANCIAL HEALTH

In recent years, Lowell has focused on increasing its financial cushion while eliminating deferred maintenance and modernizing our plant, technology, and equipment. However, the recent sharp downturn in state support has prevented us from making our planned deposit to our quasi-endowment for the past three years--which would have further increased our financial cushion. In fact, we do not believe that we will be able to resume our transfers to the quasi-endowment until after FY 2008. Without significant restoration of state support, we will not be able to reach our goal of raising our total endowment (real plus quasi) from \$20 million to \$100 million over a ten-year period. Now, our ability to increase the quasi-endowment rests solely on our ability to generate funds from three revenue streams: fund raising, continuing studies, and commercialization of research.

2005 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average HS GPA of First-Time Freshmen	3.09
• Average SAT Score of First-Time Freshmen	1091
• Licensure And Certification Test Pass Rates	
<i>Massachusetts Teacher Test</i>	100%
<i>Physical Therapy</i>	85%
<i>Nursing/NYCLEX</i>	84%
• Total Research Expenditures	\$22,783,000
• Research Expenditures Per Faculty	\$63,111
• Number of Doctorates Awarded	96

FINANCIAL HEALTH

• Operating Margin	0.4%
• Financial Cushion	8.2%
• Debt Service To Operations	3.9%
• Total Endowment	\$19,289,000
• Endowment Per Student	\$2,180
• Annual Growth In Endowment	16%
• Private Funds Raised Annually	\$7,200,000
• Age Of Facilities Ratio	10.9

STUDENT SUCCESS AND SATISFACTION

• Freshman One-Year Retention Rate	76%
• Freshman Six-Year Graduation Rate	46%
• Transfer One-Year Retention Rate	72%
• Transfer Four-Year Graduation Rate	70%

ACCESS AND AFFORDABILITY

• % of Undergraduate Students who are ALANA	21%
• % of Need Met for Students Awarded Need-Based Aid	97%

SERVICE TO THE COMMONWEALTH

• Online Course Enrollments	7,300
• Rate of Growth in Online Course Enrollments	9%
• Annual Course Enrollments in Corporate Education and Training	14,551
• Number of Patent Applications	5
• License Income	\$72,000

ACADEMIC QUALITY

High School GPA of First-Time Freshmen

For the second consecutive year, Lowell's average weighted high school GPA exceeded 3.0. This is due, in part, to the Massachusetts Board of Education's university admissions requirement of higher SATs for GPAs below 3.0.

	Fall 2000	Fall 2001	Fall 2002	Fall 2003	Fall 2004
> 3.00	44%	45%	52%	54%	54%
2.51-2.99	41%	41%	40%	37%	38%
< 2.5	15%	14%	8%	9%	8%
<i>Average</i>	2.96	2.98	3.07	3.09	3.09

SAT Scores of First-Time Freshmen

Lowell's scores, representing virtually all first-time freshmen, remained stable for the fall of 2004 and higher than our peers' mean scores. Most peers and aspirants use ACT, and their SAT-equivalent scores were calculated using the ACT-SAT conversion table.

	Fall 2000	Fall 2001	Fall 2002	Fall 2003	Fall 2004	Peers Fall 2003
75th %ile	1150	1140	1150	1170	1170	1129
25th %ile	980	980	960	1010	1010	910
<i>Mean</i>	1061	1056	1081	1093	1091	1019

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 (2004)</i>	85%	26	22	73%
<i>Nursing/NYCLEX (2004)</i>	84%	61	51	85%
<i>MA Teacher Test (2004)</i>	100%	52	52	95% (MA)

Research Expenditures and Expenditures per Faculty

Total Research and Development Expenditures as reported to National Science Foundation. Peer average includes peer aspirants and is skewed by NM State's expenditures. Faculty are total tenure-system instructional faculty in the fall semester of each fiscal year.

Total Research and Development Expenditures (in thousands)

	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
<i>UML</i>	\$19,413	\$19,334	\$20,656	\$22,827	\$22,783
<i>Peers</i>	\$33,318	\$38,350	\$41,976	\$45,065	n/av

Total Research and Development Expenditures per Faculty

	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
<i>UML</i>	\$46,778	\$47,041	\$51,002	\$57,211	\$63,111
<i>Peers</i>	\$66,652	\$76,636	\$84,100	\$87,921	n/av

Number of Doctorates Awarded

The number of doctoral degrees Lowell awards annually compares very favorably with our peers and peer aspirants. In the last two years, UML's doctoral program in Physical Therapy has contributed significantly to this total.

	1999-00	2000-01	2001-02	2002-03	2003-04
<i>UML</i>	52	50	43	69	96
<i>Peers</i>	41	45	43	44	44

STUDENT SUCCESS AND SATISFACTION

Freshman One-Year Retention Rate

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

	Fall 2000	Fall 2001	Fall 2002	Fall 2003	Fall 2004
<i>UML</i>	74%	76%	74%	75%	76%
<i>Peers</i>	71%	71%	72%	72%	n/av

Freshman Six-Year Graduation Rate

As of Fall 2003, the latest year available for our peers, Lowell's 2003 rate matches that of its peers (including aspirant peers). However, UML's six-year graduation rate for the subsequent year's cohort rises 4% to 46%, the highest it has been since the cohort entering in 1988.

	Fall 2000	Fall 2001	Fall 2002	Fall 2003	Fall 2004
<i>UML</i>	37%	37%	44%	42%	46%
<i>Peers</i>	40%	40%	42%	42%	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 2001	Fall 2002	Fall 2003	Fall 2004
<i>Transfer 1 Yr Retention</i>	74%	71%	68%	72%

**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 very successful in their rate of graduation.

	Fall 2001	Fall 2002	Fall 2003	Fall 2004
<i>Transfer 4 Yr Graduation</i>	78%	55%	70%	70%

**Peer data not available*

ACCESS AND AFFORDABILITY

% 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 U.S. citizens of known race.

	Fall 2000	Fall 2001	Fall 2002	Fall 2003	Fall 2004
<i>Number</i>	846	856	914	1,023	1,012
<i>Percent</i>	19%	20%	21%	20%	21%

% 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 virtually all demonstrated financial need of students awarded need-based financial aid.

	2000-01	2001-02	2002-03	2003-04	2004-05
<i>% need met</i>	96%	95%	96%	97%	97%
<i>Peers (6 of 8)</i>	n/av			69%	70%

SERVICE TO THE COMMONWEALTH

Rate of Growth in Online Course Enrollments

Lowell's Continuing/Corporate Education online course registrations have nearly doubled in the past four years. 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
<i>Enrollment</i>	4,998	6,216	6,706	7,300
<i>% increase from prior year</i>	33%	24%	8%	9%

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
<i>UML</i>	18,869	18,076	17,328	14,551

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 2000	FY 2001	FY 2002	FY 2003	FY 2004
<i>UML</i>	10	18	12	12	5

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 2004's income continues to be significant.

	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
<i>UML (\$000's)</i>	\$10	\$28	\$25	\$105	\$72

FINANCIAL HEALTH

Operating Margin

The FY04 operating margin increased to 0.4%. The FY04 operating margin was actually better than had been projected (-2.9%) due to the recognition of \$2 million of revenue related to overhead on research projects. Additionally, certain expenditures for planned projects were delayed and funds were spent on items that were not reported as expenditures in the financial statements, but rather capitalized (PeopleSoft expenditures, equipment purchases and building improvements).

	FY 2003	FY 2004
<i>UML</i>	-1.5%	0.4%
<i>Peers</i>	-1.0%	-0.1%

Financial Cushion

The FY04 financial cushion increased to 8.2%. The FY04 financial cushion was actually better than had been projected (5.9%) due to the recognition of \$2 million of revenue related to overhead on research projects and certain expenditures for planned projects being delayed.

	FY 2003	FY 2004
<i>UML</i>	6.3%	8.2%
<i>Peers</i>	12.7%	17.5%

Debt Service to Operations

The FY04 debt service ratio increased to 3.9%. In FY04, the Campus began debt service payments related to the \$2m telephone system and the \$13m parking garage.

	FY 2003	FY 2004
<i>UML</i>	3.8%	3.9%
<i>Peers</i>	2.9%	3.2%

Total Endowment and Endowment per Student

The FY04 total endowment increased \$2,693,000 due to a \$1,587,000 increase in the endowment fund balance included for the University of Massachusetts Alumni Association and \$1,106,000 in endowment gifts and endowment return. The endowment per student increased as a result of the increase in the total endowment. The FTE students for FY04 was 8,848, a reduction of 30 FTE students from FY03.

	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
<i>UML total (\$000's)</i>	\$13,071	\$16,842	\$15,718	\$16,596	\$19,289
<i>Per student</i>	\$1,560	\$1,959	\$1,778	\$1,869	\$2,180
<i>Peer average</i>					\$5,751

Annual Growth in Endowment

In FY04, the endowment grew 16%. The actual annual growth in endowment, excluding the University of Massachusetts Alumni Association, was 7.8%.

	<i>FY 2000</i>	<i>FY 2001</i>	<i>FY 2002</i>	<i>FY 2003</i>	<i>FY 2004</i>
<i>UML</i>	17%	29%	-7%	6%	16%

Private Funds Raised Annually

In FY04, the private funds raised annually included \$5.8m of cash and grants and only \$1.4m for gifts of equipment. For FY2000 through FY2004, gifts of cash and grants were \$9.6m, \$9.1m, \$6.2m and \$4m respectively. The majority of the gifts in prior years were gifts of equipment.

	<i>FY 2000</i>	<i>FY 2001</i>	<i>FY 2002</i>	<i>FY 2003</i>	<i>FY 2004</i>
<i>UML</i>	\$22.6 M	\$40.1 M	\$32.5 M	\$43.7 M	\$7.2 M

Age of Facilities Ratio

The FY04 ratio is approximately the same as in the prior year. The age of facilities ratio measures the accumulated depreciation of all assets as a ratio to the current year's depreciation expense.

	<i>FY 2003</i>	<i>FY 2004</i>
<i>UML</i>	10.6	10.9
<i>Peers</i>	11.8	11.4

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.

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 annually to the American Association of University Professors, published in *Academe*. Faculty are total tenure-system instructional faculty in the fall semester of each fiscal year.

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

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 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.

ACCESS AND AFFORDABILITY 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.

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.

SERVICE TO THE COMMONWEALTH INDICATORS

Rate of growth in online course enrollments. Percentage increase in total annual online (distance education) course registrations for the academic years 2002-2005.

Enrollments in corporate education and training. Total annual course registrations in the Division of Continuing/Corporate/Distance Education for the academic years 2002-2005.

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

License income. Amount of annual income from license agreements.

FINANCIAL HEALTH INDICATORS

Operating margin. Operating surplus as a percentage of total current fund revenues. Peer data from audited 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.

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.

FINANCIAL HEALTH INDICATORS (cont'd)

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.

Age of facilities ratio. Age of facilities ratio calculates the relative age of plant in years. Age of facilities is determined by dividing accumulated depreciation by the annual depreciation.

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*

ABOUT THE CAMPUS

The University of Massachusetts Worcester consists of three schools: the School of Medicine (opened 1970), the Graduate School of Biomedical Sciences (opened 1979) and the Graduate School of Nursing (opened 1986); an extensive basic science research enterprise (more than \$140 million in sponsored activity); a complex clinical partnership with a large health care system; and a range of public and health service initiatives as diverse as vaccine development and manufacture in an FDA-licensed facility to health care services in correctional settings and the administration of state-sponsored efficiency programs for health care financing.

The Lake Avenue campus is anchored by the original (ca. 1970) medical school and hospital complex and a new, 360,000 square foot research laboratory building, dedicated in August 2001. UMW also owns two buildings in the adjacent Massachusetts Biotechnology Research Park and leases substantial space in a third; operates laboratory and conference facilities on the campus of the former Worcester Foundation for Biomedical Research in Shrewsbury (which merged its operations with UMW in 1997), administers the Massachusetts Biological Laboratories and New England Newborn Screening Programs in Jamaica Plain; and operates the Eunice Kennedy Shriver Center for Mental Retardation Research in Waltham.

The campus is currently at about midpoint of a significant series of capital investments in the Lake Avenue campus, including the replacement of the original, failed, building facade with an energy-efficient, weather-tight contemporary covering. This facade replacement effort will continue into 2006, and result in a far more functional campus. Additional projects being done in conjunction with this Campus Modernization effort include a significant (264,000 GSF) addition to the hospital by UMass Worcester's clinical partner, UMass Memorial Health Care. Much effort is being made to keep the campus as functional as possible during these projects.

The student body consists of 406 medical students - approximately 100 in each 4 year class - all Massachusetts residents; 325 students in the PhD programs in biomedical sciences, and approximately 105 graduate nursing students. For the current academic year (2003-2004) there are 13 students in a joint MD/PhD program, and 22 graduate nursing students in the PhD in nursing program administered jointly with the UMass Amherst campus. Degrees offered at UMass Worcester include: MD; MD/PhD; PhD in biomedical sciences; MS in nursing; advanced practice certification (Nurse Practitioner) in nursing; PhD in Nursing (jointly with UMass Amherst).

With approximately 5,000 employees at more than a dozen sites and centers across the state (as well as one site in Rhode Island), the UMass Worcester community is broadly diverse in every way except commitment to mission: achieving national distinction in health sciences education, research and public service. Many of UMass Worcester's most distinctive programs - public sector psychiatry; health outcomes research; correctional health; pipeline collaboratives for underrepresented minorities; initiatives to increase the number of minority and generalist physicians - have grown out of the schools' commitment to community service. Its successful and growing research enterprise, with new work being done in the areas of neuropsychiatry, biochemistry, pharmacology, genetics, diabetes and cellular signaling, is the product of an award winning faculty committed to curing disease and alleviating human suffering.

The educational achievements of the campus are perennially recognized by top ten rankings in the US News "Best Graduate Schools" and by support from institutions such as the Macy Foundation, which funded an innovative curriculum in communication for medical students. And with its clinical partner, UMass Memorial Health Care (a ten hospital integrated health care delivery system which shares clinical faculty and educational resources with UMW), UMass Worcester is one of the largest and most respected employers in central Massachusetts, with an annual budget from all sources of approximately \$600 million, and an annual payroll of \$280 million.

HEADLINES FROM THE 2005 ANNUAL INDICATORS

The Worcester campus continues to execute its plan of research growth in a number of key areas while maintaining strategic investment in core educational competencies and building on the campus service mission to the Commonwealth and other key constituencies. Since the last report, the campus hosted three successful accreditation visits (medical education, research materials and animal care) and has begun a process of evaluating near and medium term priorities for the institution, while focusing close attention on access and affordability issues for students across all three Worcester campus schools.

- Academic quality: The Worcester campus continues its trend of attracting better than average students to the School of Medicine as judged by admission test scores, residency match rates and performance on licensing exams; SOM graduates continues to rank the educational experience as highly satisfactory. New programs in nursing, and the pending request for a Worcester-based PhD program for the Graduate School of Nursing speak to the quality of the nursing educational experience and the vision for its future direction. The Graduate School of Biomedical Sciences entering class is highly competitive.
- Research growth, productivity and faculty recruitment: The Worcester campus continues its research enterprise expansion as space in the new building continues to fill with highly qualified new faculty and their research associates. Planning and programmatic evaluation exercises have picked up pace in population-based research areas and the opening of a Clinical Trials Unit is a harbinger of growth in this important area. 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 embraced the opportunity to execute its business plan for research growth while preserving the quality of the student body and the quality of the educational experience. As Massachusetts lags other regions in economic recovery, non-research related state funding tracks at levels not seen since the 1980s. These cutbacks have an impact on public medical schools, like UMass Worcester, as compared to our private competitors and require careful allocation of resources to protect core missions.

2005 ANNUAL INDICATORS AT A GLANCE

ACADEMIC QUALITY

• Average Biology MCAT Scores	10.52
• Licensure/Certification Pass Rates	
<i>USMLE Step 1</i>	91%
<i>USMLE Step 2</i>	96%
<i>GSN State Certification</i>	97%
• Rank in US News (Primary Care)	4
• Rank in NIH Funding For Medical Schools	41
• Federal Research Support Per Faculty	\$143,333
• Sponsored Research Total Dollars	\$169,090,000
• Sponsored Research Per Faculty	\$212,960

STUDENT SUCCESS AND SATISFACTION

• % Students “Very Satisfied” With Quality of Their Medical Education	55%
• Match Rate/ Choice of Residency	96%

ACCESS AND AFFORDABILITY

• Tuition & Fees	\$14,005
Tuition & Fees (Including Adjust. for Learning Contract)	\$ 8,437

SERVICE TO THE COMMONWEALTH

• Patent Applications Per Year	151
• License Income Per Year	\$26,212,000
• Licensing Income/AUTM Ranking	21
• Service to State Agencies	\$171,787,000

FINANCIAL HEALTH

• Operating Margin	8.7%
• Financial Cushion	35.8%
• Debt Service to Operations	4.7%
• Total Endowment	\$38,697,000
• Endowment Per Student	\$52,577
• Annual Growth in Endowment	0.27%
• Private Funds Raised Annually	\$8.2M
• Age of Facilities Ratio	8.1

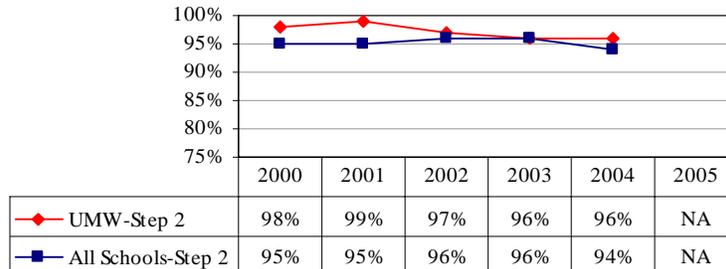
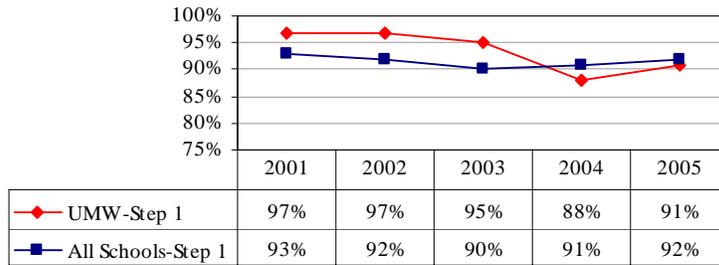
ACADEMIC QUALITY

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.

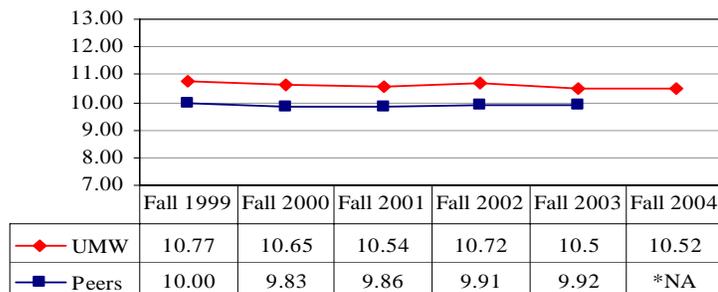
Rates reflect the level of knowledge of UMMS students in comparison to students from other medical schools.



Data by Class Year

Mean Biology MCAT Score

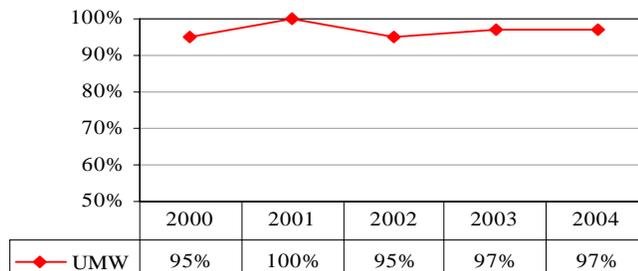
The MCAT score provides a rough predictor of a student's success in medical school. It is widely used in the admissions process, but rarely as the principal indicator of a student's academic preparation. It is, however, the only indicator that is available to compare incoming students across institutions. MCAT scores range from 1 to 15, with 15 being the highest possible score. For the past five years, the mean MCAT score for 1st year medical students has been consistently higher than the peer average.



* Peer 2004 number will be available in Fall 2005

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%.

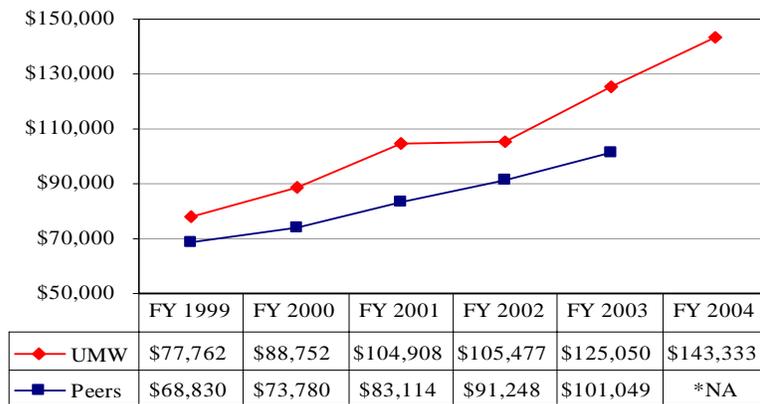


Data by Class Year

* 2004 number will be available Spring 2005

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.

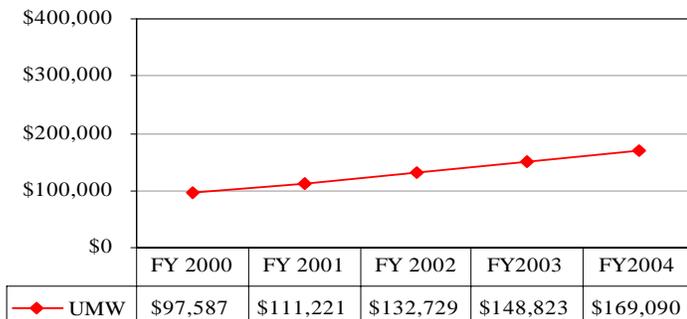


* Peer 2004 number will be available in Fall 2005

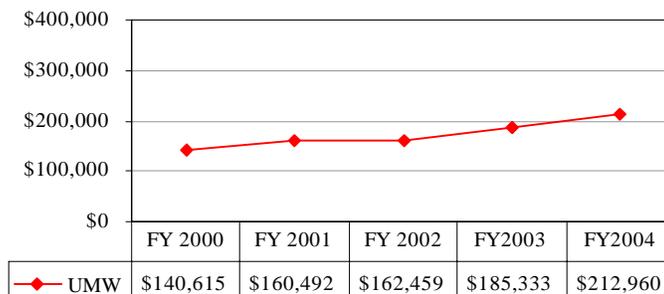
Sponsored Research

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 73% increase in R & D expenditures since FY00. 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



NIH Ranking Among Medical Schools

The National Institutes of Health ranks recipients of NIH funds on annual basis, reflecting awards made during the federal fiscal year, October 1 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 FY2003, only 24 public medical schools out of a total of 75 (or 32%) ranked in the top 50. FY2004 ranking is not yet available.

	FY 2000	FY 2001	FY 2002	FY2003	FY2004
UMW	39	37	40	41	*NA

* Peer 2004 number will be available in Spring 2005

US News Ranking

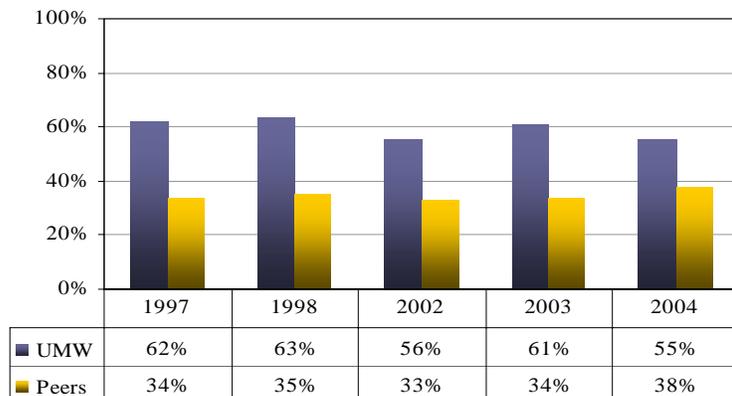
Ranking of Medical Schools with special emphasis in Primary Care. The UMMS Ranking is out 144 schools comprised of 125 medical schools and 19 schools of osteopathic medicine. UMMS is consistently ranked in the top ten percent and has held a spot near the top of the category since the magazine began its rankings in 1994.

	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
UMW Rank	4	5	12	3	4

STUDENT SUCCESS AND SATISFACTION

% Graduates "Very Satisfied" with Medical Education

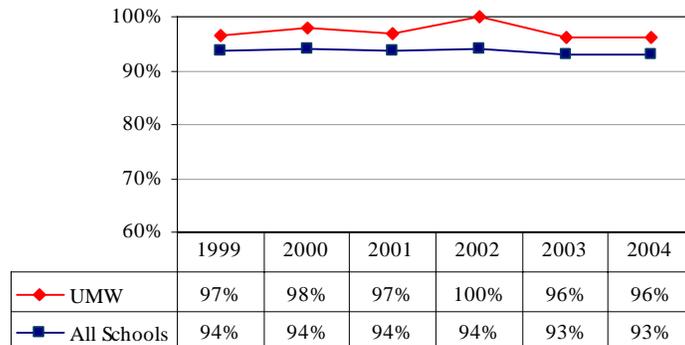
From the *Graduation Questionnaire*, the percentage of graduating students that responded very satisfied with the overall quality of their medical education. The level of satisfaction can be influenced by several factors, including time devoted to instruction and preparation for residency. Measures reported 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

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 2004 of the students going through the NRMP, 96% were matched to their choice of residency.

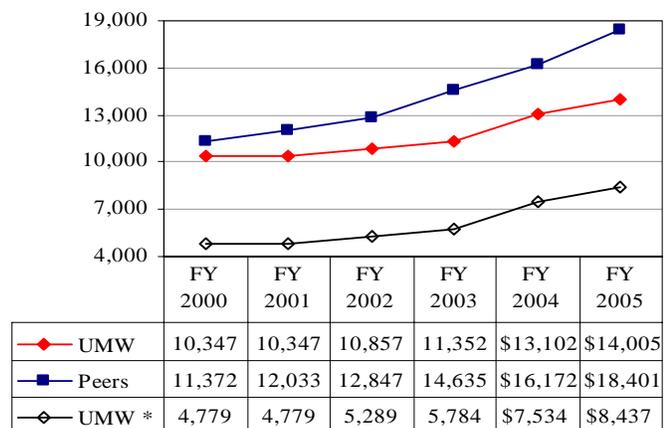


Data by Class Year

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, 94% 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

SERVICE TO THE COMMONWEALTH

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. UMMS continues to have significant increases in the number of invention disclosures; particularly in relation to the flurry of activity around the RNAi breakthroughs resulting in a large increase in the number of patent applications filed.

	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
UMW	27	50	44	92	151

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 2000	FY 2001	FY 2002	FY 2003	FY 2004
<i>UMW</i>	\$8,801	\$11,678	\$14,516	\$19,161	\$26,212

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 95% of UMASS System total licensing revenue. FY2002 is the most recent data available.

	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	*FY 2003
<i>UMW</i>	43	29	21	16	21	NA
<i>Total</i>	133	140	142	198	213	NA

*FY 2003 data available Spring 2006

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 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
<i>UMW</i>	\$48,552	\$59,230	\$81,654	\$102,842	\$148,660	\$171,787
<i>Peers</i>	\$5,129	\$5,996	\$6,374	\$7,121	\$8,208	NA

* Peer 2004 number will be available in Spring 2005

FINANCIAL HEALTH

Operating Margin

This ratio measures an institution's ability to generate revenue in excess of expenditures and mandatory transfers. Operating margin will fluctuate from year to year, being higher in years the institution sets money aside for future needs and lower or negative in years in which the funds set aside in previous years are used to invest in new programs. (Note: The calculation of this ratio changed in FY02 with the change in financial reporting standards and is not directly comparable to prior years.)

	FY 2002	FY 2003	FY 2004
<i>UMW</i>	0.4%	1.2%	8.7%

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.)

	FY 2002	FY 2003	FY 2004
UMW	25.2%	28.8%	35.8%

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.)

	FY 2002	FY 2003	FY 2004
UMW	3.8%	4.9%	4.7%

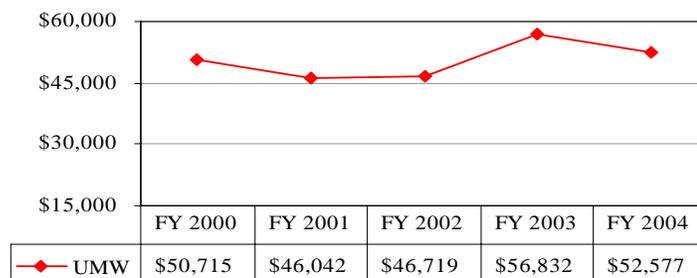
Endowment

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

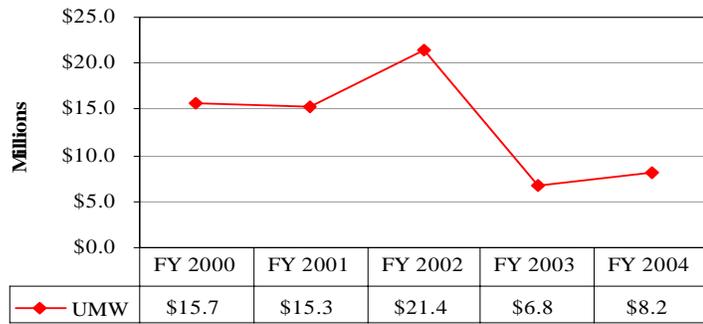


Annual Growth in Endowment

	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
UMW	67.24%	2.26%	-5.49%	6.97%	28.66%	0.27%

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. This number decreased in FY2003 as a result of being a non-campaign year.



Age of Facilities Ratio

This ratio calculates the average age of plant as measured in years. A low age of plant ratio indicates recent investments, while a high age (ratio) may indicate a large deferred maintenance burden. Continuous investments in plant including building renovations, infrastructure improvements, new construction, and (capitalizable) equipment upgrades all add to and improve the capital assets of the University and can reduce the average age of facilities ratio.

	FY 2002	FY 2003	FY 2004
UMW	7.9	7.3	8.1

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

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.

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

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.

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.

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

STUDENT SUCCESS AND SATISFACTION INDICATORS

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.

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.

SERVICE TO THE COMMONWEALTH INDICATORS

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.

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

Operating margin. Total operating revenues (including state appropriations and gifts) less total operating expenditures (including interest expense) divided by total operating revenues. Peer data is not available.

Financial cushion. Unrestricted net assets divided by total operating expenses (including interest expense). Peer data is not available.

Financial Cushion. Unrestricted net assets divided by total operating expenses (including interest expense).

Debt service to operations. Interest payments plus principal payments divided by total operating expenses (including interest expense). Peer data is not available.

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.

Age of facilities ratio. Accumulated depreciation divided by (annual) depreciation expense.

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 University- School of Medicine in New Orleans
 Louisiana State University-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