

2019 Report on Annual Indicators

University Performance Measurement System

July 2019



University of Massachusetts

Amherst • Boston • Dartmouth • Lowell • Medical • Law • Online



DARTMOUTH

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HEADLINES

ACADEMIC QUALITY

UMass Dartmouth continues to maintain the quality of its academic programs. Notably, US News cited UMass Dartmouth in their top tier of National Universities. This is the third year being ranked in this category.

The indicators highlighted below reflect the campus' successes in the past few years. Also highlighted are areas of change.

UMass Dartmouth maintains a strong student quality profile while also fostering access. The

average high school GPA of entering students includes the alternative admissions programs of College Now/START.

Faculty numbers are stable. Recent trends include the hiring of clinical and research faculty who are not on the tenure track. Both the number of women and faculty of color have increased by one percentage point over the previous year. UMass Dartmouth faculty received three Fulbright faculty awards and one NSF career award this year.

ACCESS AND AFFORDABILITY

UMass Dartmouth continues to realize its mission to serve the region and the Commonwealth by providing access to a wide range of capable students to a high-quality education.

The indicators for Pell grants (42%), percent of need met (82%), percent undergraduate students of color (37%), percent from Massachusetts (89%), and percent of undergraduates where English is their second language (11%) demonstrate UMass Dartmouth's strong commitment to the region,

access, and opportunity. Online course registrations had an annual increase of 14%, almost reaching 8,000. This is a 90% increase since AY13. Additionally, the enrollment of undergraduate international students has increased by 43% since Fall 2013 as the University continues to globalize its curriculum and student body. UMass Dartmouth is succeeding in its goal of maintaining a strong student quality profile while also fostering access and diversity.

RESEARCH AND ENGAGEMENT

UMass Dartmouth continued to strengthen its research and engagement by hiring faculty in critical areas of growth. The University has worked to expand the portfolio of funded research activity with particular emphasis on multi-disciplinary research. New initiatives focused on community partnerships and the study of asymmetric warfare have started to generate new proposal activities. The new 76,000 gross square foot SMAST East building in New Bedford offers office, classroom, research labs, and an expanded seawater research facility that is just beginning to be fully utilized.

FY2017 is the second year that UMass Dartmouth has been classified as Doctoral Research University-higher research by Carnegie. The overall research and development expenditures are level compared to last year. The patent office continues to increase its activities; faculty engagement is growing, which resulted in increased patent filings. This year also resulted in another significant increase in income from licensing with a single year increase of 33% and a 159% increase since FY2013.

STUDENT SUCCESS AND SATISFACTION

The one-year retention rate has declined from 74% last year to 71% in 2018 and the four-year graduation was 34%. The six-year graduation rate of 56% is a new record high for UMass Dartmouth. The indicators for transfer student retention at 79% and improved graduation rate fill in the picture that is left incomplete by the standard measure for freshman

success. The Student Achievement Measurement (SAM) reveals that an additional 16% of our Fall 2012 freshmen cohort graduated from another institution. Even though students may not have graduated from UMass Dartmouth, UMass Dartmouth contributed to their success at other institutions.

HEADLINES

SERVICE TO THE COMMONWEALTH

In 2018, UMass Dartmouth graduated approximately 1,980 students awarding over 2,000 degrees/certificates. Because 72% of our graduates remain in Massachusetts, the degrees granted make a direct and significant contribution to the Commonwealth's economy. The indicators for enrollments and degrees granted in Science, Technology, Engineering and Mathematics, and Health Care show our commitment to educating students in these fields.

UMass Dartmouth's DRU status requires a minimum of 20 Research/Scholarship doctoral conferrals. Professional practice doctoral enrollments have grown steadily, enhanced by the addition of the Juris Doctorate and Doctorate of Nursing Practice. Additional Research/Scholarship

doctoral programs are also being developed.

The Law School's first-time pass rate on the July 2018 Massachusetts bar exam was 92.6%, which was third among the eight ABA-accredited law schools in Massachusetts. The law school's first-time bar pass rate for all 2018 bar exam administrations (February and July) across all jurisdictions was 80%, significantly exceeding the results of private regional peer institutions.

The 2018 Nursing graduates achieved a significantly higher first-time pass-rate (98%) than the national average (88%) and the state of Massachusetts' average (89%) on their first-attempt national RN licensure exam (NCLEX).

FINANCIAL HEALTH

A set of fiscal controls and processes are in place to ensure the achievement of full fiscal stability. UMass Dartmouth continues to explore new ways to grow revenues and control spending to create efficiencies. UMass Dartmouth has achieved a positive financial cushion during a time of constrained resources. The primary reserve has contributed to more financial strength and flexibility.

AT-A-GLANCE

ACADEMIC QUALITY

• Average HS GPA of Freshmen	3.25	• Federal Research Expenditures	\$7.2M
• Average SAT Scores of Freshmen		• Patent Applications	14
<i>Arithmetic Mean</i>	1084	• License Income	\$87,675
<i>25th – 75th Percentile</i>	993-1180	• Percent Tenured/Tenure-Track Faculty FTE	64%
• Average GPA of Entering Transfer Students	3.16	• New Tenured/Tenure-Track Faculty Hired	8
• Student Satisfaction with Educational Experience	72%	<i>As Percent of Total T/TT Faculty</i>	3%
• Student-Faculty Ratio	16:1	• Change in Tenured/Tenure-Track Faculty	-1%
• Technology-Enhanced Classrooms	137	• Change in Faculty FTE	-1%
• No. of Doctoral Degrees Awarded	92	• Full-Time Instructional Faculty	
• No. of Postdoctoral Appointees	3	<i>Percent Faculty-of-Color</i>	24%
• Total R&D Expenditures	\$26.6M	<i>Percent Women Faculty</i>	48%
• Total R&D Expenditures Ranking	244	• Faculty Awards	4
• Total R&D Expenditures Ranking among Carnegie Peers, US Publics, Non-Medical	39	• National Academy Members	0
• Total R&D Expenditures per Tenure System Faculty	\$90,258		

ACCESS AND AFFORDABILITY

• Percent In-State Pell Grant Recipients	42%	• Percent Undergraduates from Students from MA	89%
• Percent of Need Met for In-State Students Awarded Need-Based Aid	82%	• Online Course Registrations	7,856
• Average Debt of Students (UG Graduating Class)	\$29,070	• Annual Growth in Online Course Registrations	14%
• Percent Graduating Class with Debt (UG)	96%		

AT-A-GLANCE

STUDENT SUCCESS AND SATISFACTION

• Percent Undergraduates who are Students of Color	37%	• Freshmen Four-Year Graduation Rate	34%
• Percent Undergraduates who are First Generation in College	66%	• Freshmen Six-Year Graduation Rate	56%
• Percent Undergraduates with English as a Second Language	11%	• Transfer (Full-time) One-Year Retention Rate	79%
• Percent Undergraduates who are International	3%	• Transfer (Upper Division) Four-Year Graduation Rate	65%
• Total Students who Participated in a Study Abroad Program	82	• Alumni Participation Rate	3%
• Freshmen One-Year Retention Rate	71%		

SERVICE TO THE COMMONWEALTH

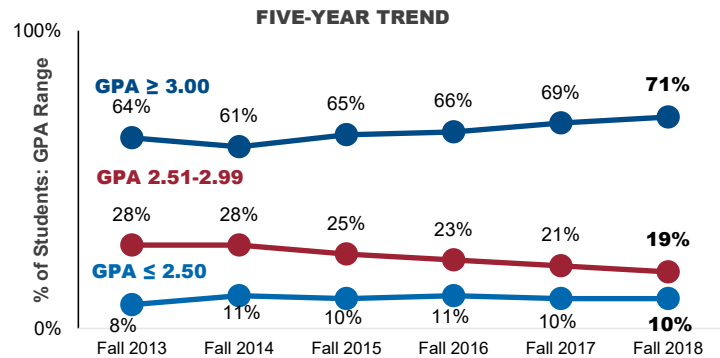
• Degree Completions	1,916	• Degrees Awarded in STEM Fields	466 (24%)
<i>Bachelor's</i>	1,363	<i>Undergraduate</i>	325 (24%)
<i>Master's</i>	461	<i>Graduate</i>	141 (25%)
<i>Doctorates</i>	92	• Degrees Awarded in Healthcare Fields	214 (11%)
• Percent Alumni who Remain in MA	72%	<i>Undergraduate</i>	189 (14%)
• Enrollment in STEM Programs	2,031 (25%)	<i>Graduate</i>	25 (5%)
<i>Undergraduate</i>	1,625 (24%)	• MTEL Science and Math Test-Takers	9
<i>Graduate</i>	406 (26%)		

FINANCIAL HEALTH

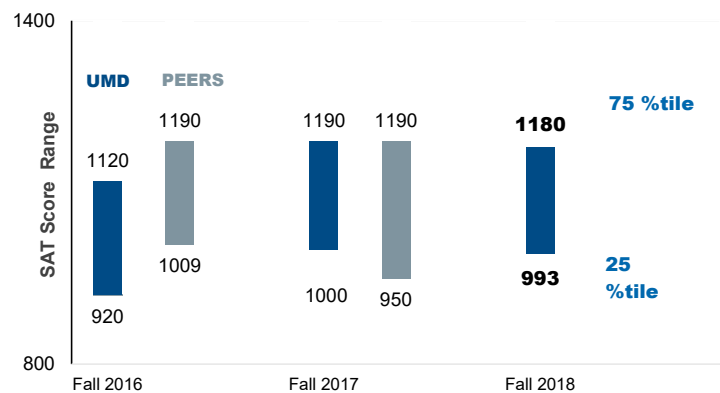
• Total Endowment	\$56.4M	• Primary Reserve	15%
• Annual Growth in Endowment	3.4%	• Debt Ratio	8%
• Endowment per Annualized Student FTE	\$7,585	• Deferred Maintenance per GSF	\$229
• Private Funds Raised Annually	\$2.2M		

ACADEMIC QUALITY

AVERAGE HIGH-SCHOOL GPA OF FIRST-TIME FRESHMEN

3.25Average HS
GPA
in Fall 2018▲ **0.02**One-year
nominal change
(vs. Fall 2017)▼ **0.06**Five-year
nominal change
(vs. Fall 2013)

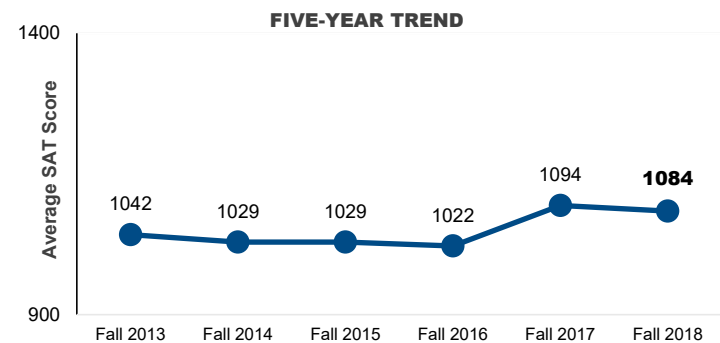
SAT SCORES OF FRESHMEN

1180SAT Scores of Freshmen
75th Percentile
in Fall 2018▼ **10**One-year
nominal change
(vs. Fall 2017)**993**SAT Scores of Freshmen
25th Percentile
in Fall 2018▼ **7**One-year
nominal change
(vs. Fall 2017)

* Peer data for Fall 2018 not available for reporting purposes.
SAT Test had major revisions starting in 2017

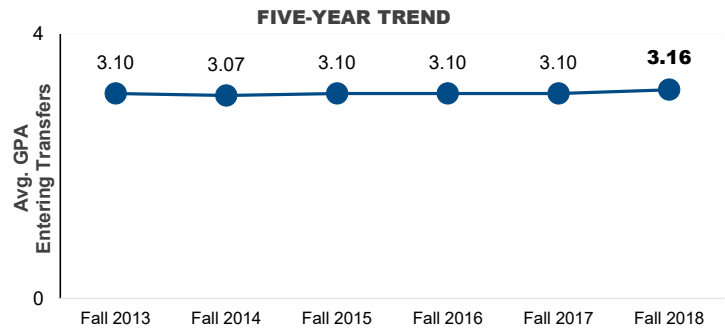
1084Average SAT Scores
of Freshmen
in Fall 2018▼ **10**One-year
nominal change
(vs. Fall 2017)

SAT Test had major revisions starting in 2017



ACADEMIC QUALITY

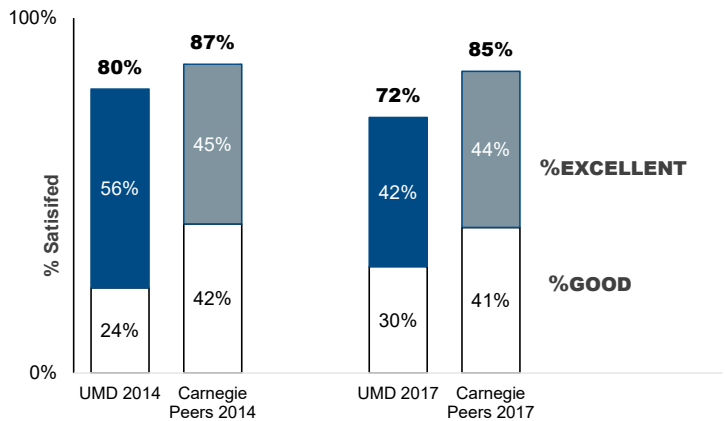
AVERAGE GPA OF ENTERING TRANSFER STUDENTS

3.16Average transfer
GPA
in Fall 2018▲ **0.06**One-year
nominal change
(vs. Fall 2017)▲ **0.06**Five-year
nominal change
(vs. Fall 2013)

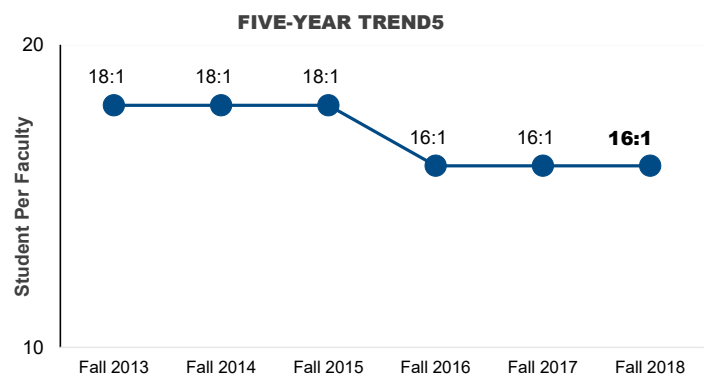
STUDENT SATISFACTION WITH EDUCATIONAL EXPERIENCE

72%Student Satisfaction
as Good or Excellent
in UMD 2017▼ **8**Three-year
% point change
(vs. UMD 2014)

Survey is conducted every three years



STUDENT-FACULTY RATIO

16:1Student-Faculty
Ratio
in Fall 2018• **0**One-year
nominal change
(vs. Fall 2017)▼ **2**Five-year
nominal change
(vs. Fall 2013)

ACADEMIC QUALITY

TECHNOLOGY-ENHANCED CLASSROOMS

137

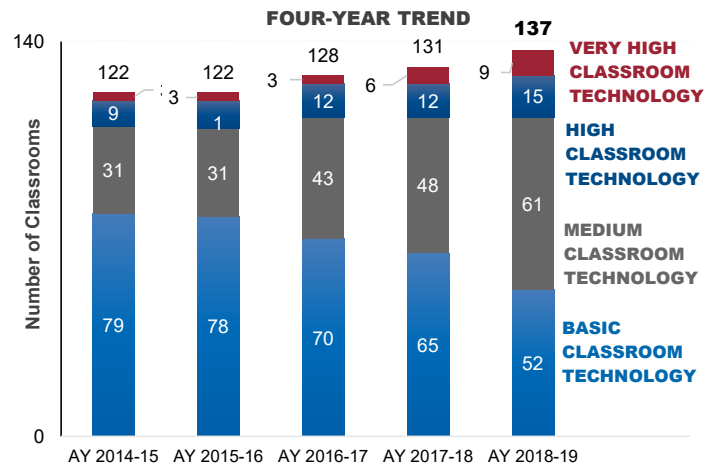
Total Technology
Enhanced Classrooms
in AY 2018-19

▲ **5%**

One-year
% change
(vs. AY 2017-18)

▲ **12%**

Four-year
% change
(vs. AY 2014-15)



DOCTORAL DEGREES AWARDED

92

Doctoral Degrees
Awarded
in 2017-18

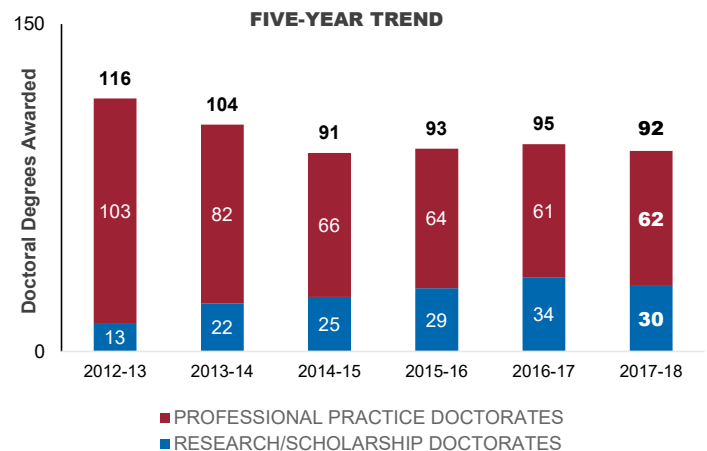
▼ **3**

One-year
nominal change
(vs. 2016-17)

▼ **24**

Five-year
nominal change
(vs. 2012-13)

2012-2014 conferrals included the teach-out of SNESL students.



30

Research Doctoral
Degrees Awarded
in 2017-18

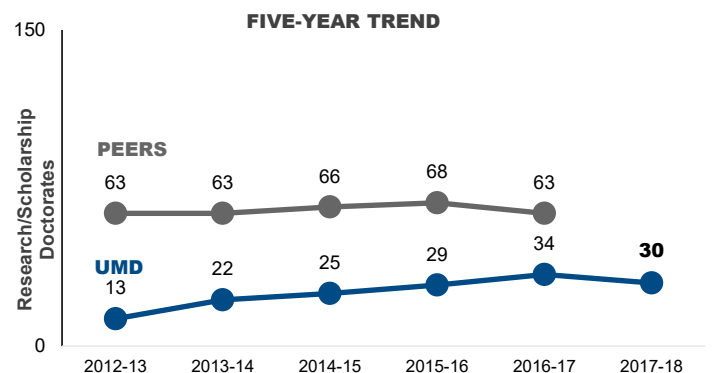
▼ **4**

One-year
nominal change
(vs. 2016-17)

▲ **17**

Five-year
nominal change
(vs. 2012-13)

* Peer data for 2017-18 not available for reporting purposes.



ACADEMIC QUALITY

POSTDOCTORAL APPOINTEES

3

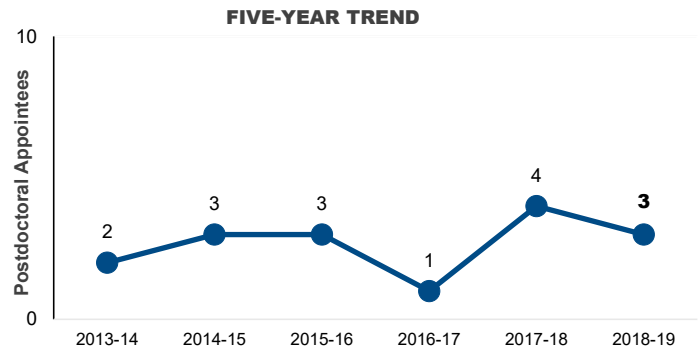
Postdoctoral
Appointees
in 2018-19

▼ **1**

One-year
nominal change
(vs. 2017-18)

▲ **1**

Five-year
nominal change
(vs. 2013-14)



TOTAL R&D EXPENDITURES

\$26.6

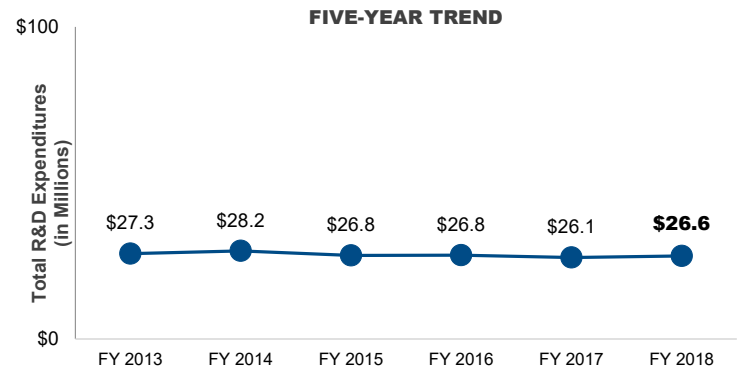
Million
in FY 2018

▲ **2%**

One-year
% change
(vs. FY 2017)

▼ **3%**

Five-year
% change
(vs. FY 2013)



TOTAL R&D EXPENDITURES RANKINGS

244

Total R&D Expenditures
Overall Rankings
in FY 2017

▼ **4**

One-year
nominal change
(vs. FY 2016)

▼ **15**

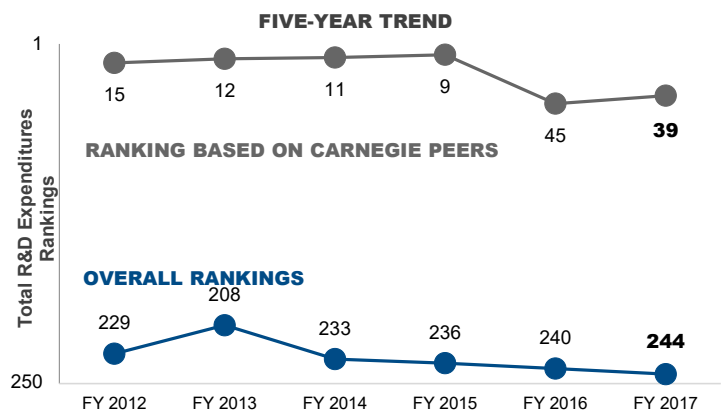
Five-year
nominal change
(vs. FY 2012)

39

Rankings based on
Carnegie Peers
in FY 2017

▲ **6**

One-year
nominal change
(vs. FY 2016)



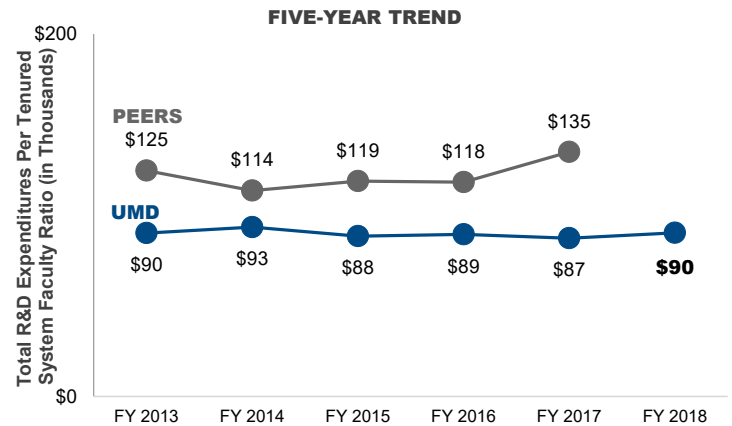
Carnegie Classification changed in FY2016.

Overall Ranking Source: National Science Foundation Ranking by Total R&D Expenditures.

Ranking based on Carnegie Peers is further standardized by US Publics and Non-Medical Schools.

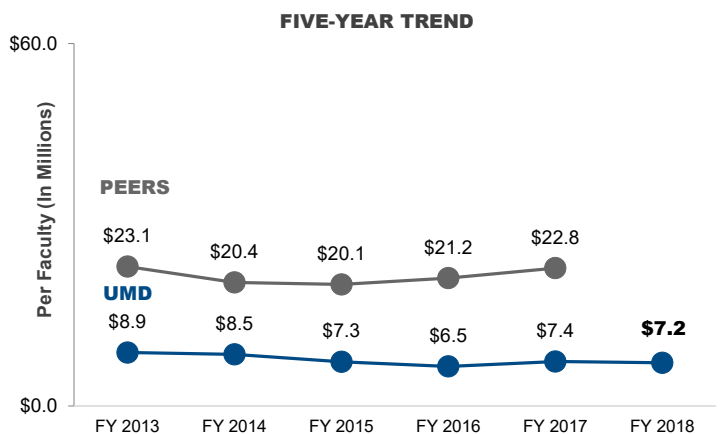
ACADEMIC QUALITY

TOTAL R&D EXPENDITURES PER TENURED SYSTEM FACULTY

\$90kTotal R&D Expenditure
Per Tenured
System Faculty
in FY 2018▲ **3%**One-year
% change
(vs. FY 2017)● **0%**Five-year
% change
(vs. FY 2013)

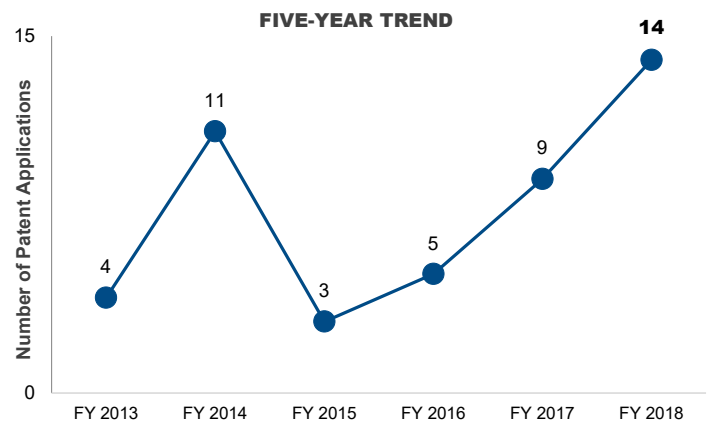
* Peer data for Fall 2018 not available for reporting purposes.

FEDERAL RESEARCH EXPENDITURES

\$7.2MFederal R&D
Expenditures
in FY 2018▼ **3%**One-year
% change
(vs. FY 2017)▼ **19%**Five-year
% change
(vs. FY 2013)

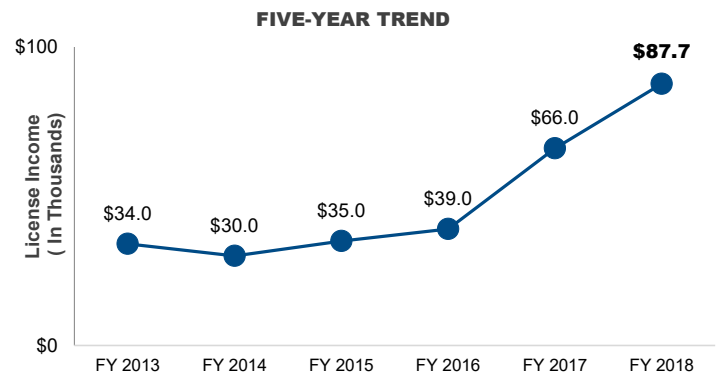
* Peer data for FY 2018 not available for reporting purposes.

NUMBER OF PATENT APPLICATIONS

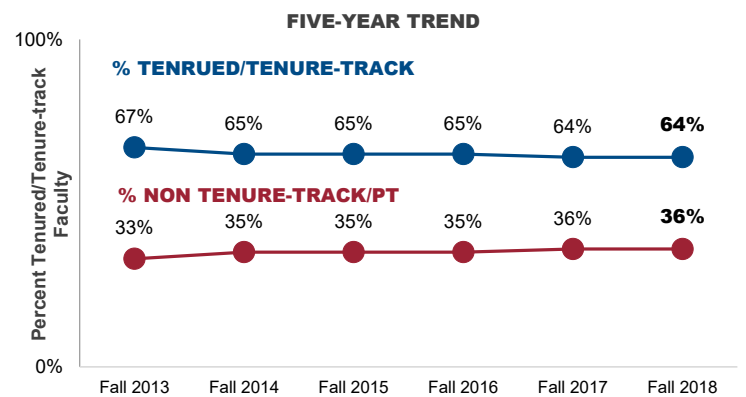
14Patent
Applications
in FY 2018▲ **5**One-year
nominal change
(vs. FY 2017)▲ **10**Five-year
nominal change
(vs. FY 2013)

ACADEMIC QUALITY

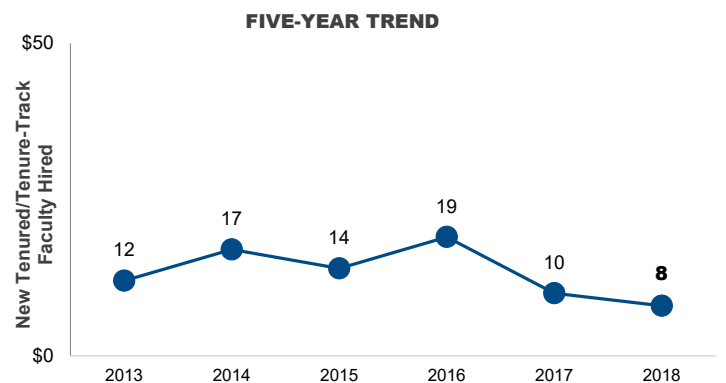
LICENSE INCOME

\$87.7kLicense Income
in FY 2018▲ **33%**One-year
% change
(vs. FY 2017)▲ **158%**Five-year
% change
(vs. FY 2013)

PERCENT TENURED/TENURE-TRACK FACULTY

64%Percent Tenured/
Tenure-track Faculty
in Fall 2018● **0**One-year
% point change
(vs. Fall 2017)▼ **3**Five-year
% point change
(vs. Fall 2013)

NEW TENURED/TENURE-TRACK FACULTY HIRED

8New Tenured/
Tenure-Track
Faculty Hired
in 2018▼ **2**One-year
nominal change
(vs. 2017)

Data for "New Hires" is based on IPEDS definitions from 2016

ACADEMIC QUALITY

NEW TENURED/TENURE-TRACK FACULTY HIRED AS PERCENT OF ALL TENURE-TRACK FACULTY

3%

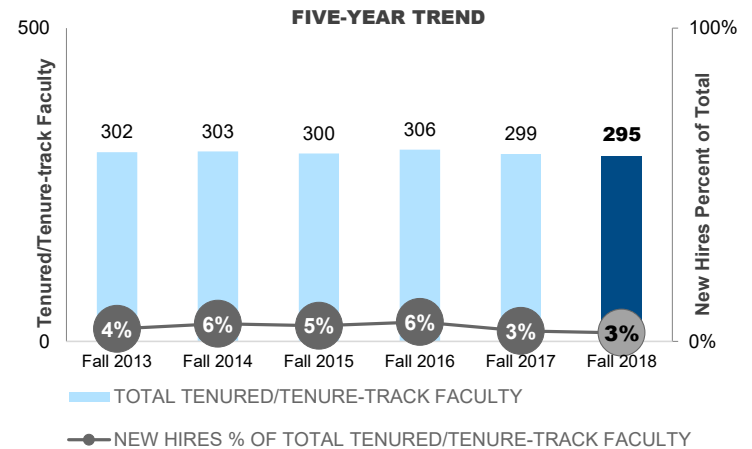
Percent New Tenured/
Tenure-Track Faculty
Hired
in Fall 2018

0

One-year
% point change
(vs. Fall 2017)

▼ 1

Five-year
%point change
(vs. Fall 2013)



Data for "New Hires" is based on IPEDS definitions from 2016

TENURED/TENURE-TRACK FACULTY

295

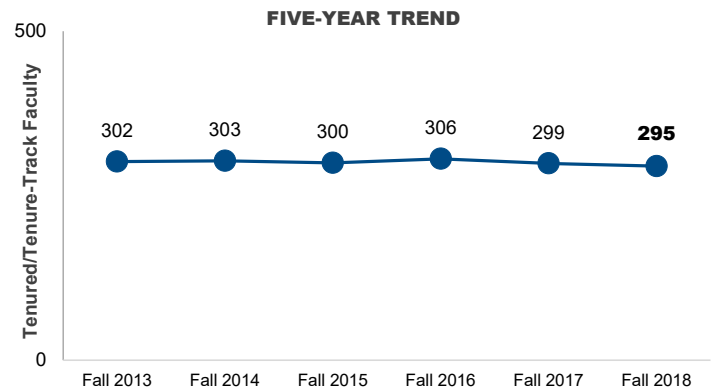
Total Tenured/
Tenure-track Faculty
in Fall 2018

▼ 1%

One-year
% change
(vs. Fall 2017)

▼ 2%

Five-year
% change
(vs. Fall 2013)



FACULTY FTE

463

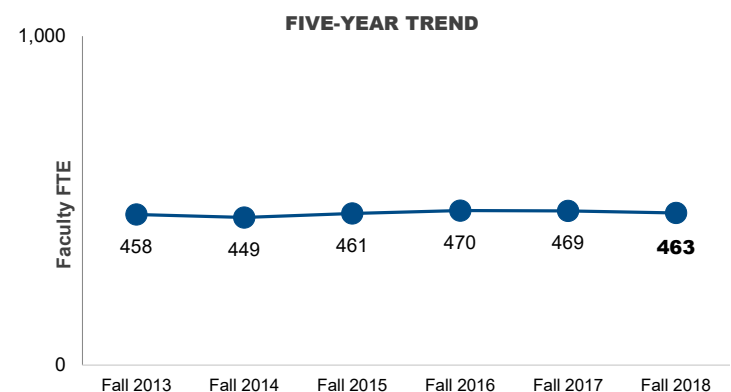
Faculty FTE
in Fall 2018

▼ 1%

One-year
% change
(vs. Fall 2017)

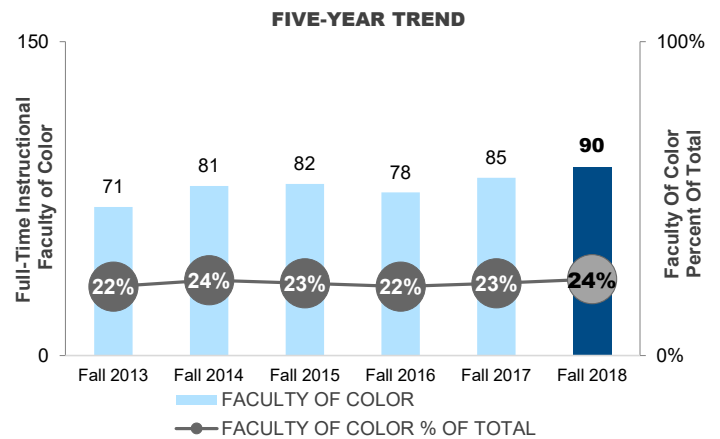
▲ 1%

Five-year
% change
(vs. Fall 2013)

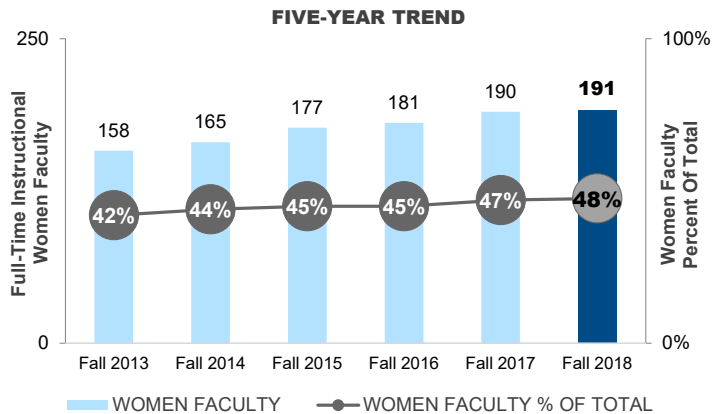


ACADEMIC QUALITY

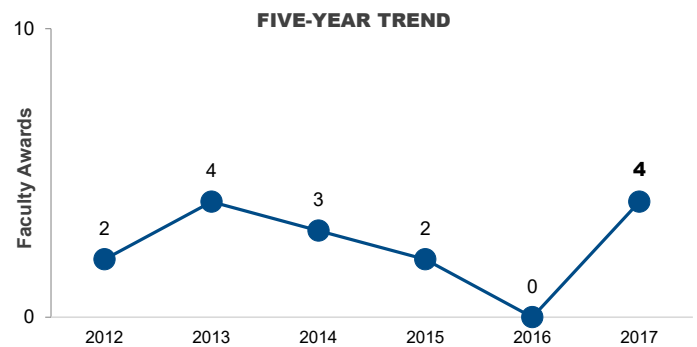
FACULTY-OF-COLOR

90Faculty Of Color
in Fall 2018▲ **5**One-year
nominal change
(vs. Fall 2017)▲ **19**Five-year
nominal change
(vs. Fall 2013)**24%**Percent of
Faculty Of Color
in Fall 2018▲ **1**One-year
% point change
(vs. Fall 2017)▲ **2**Five-year
% point change
(vs. Fall 2013)Faculty-of-Color based on US Citizens/Permanent Residents
reporting Race/Ethnicity according to new IPEDS definitions.

WOMEN FACULTY

191Women Faculty
in Fall 2018▲ **1**One-year
nominal change
(vs. Fall 2017)▲ **33**Five-year
nominal change
(vs. Fall 2013)**48%**Percent of
Women Faculty
in Fall 2018▲ **1**One-year
% point change
(vs. Fall 2017)▲ **6**Five-year
% point change
(vs. Fall 2013)

FACULTY AWARDS

4Faculty Awards
in 2017▲ **4**One-year
nominal change
(vs. 2016)▲ **2**Five-year
nominal change
(vs. 2012)

Source : The Top American Research Universities

ACADEMIC QUALITY

NATIONAL ACADEMY MEMBERS

0

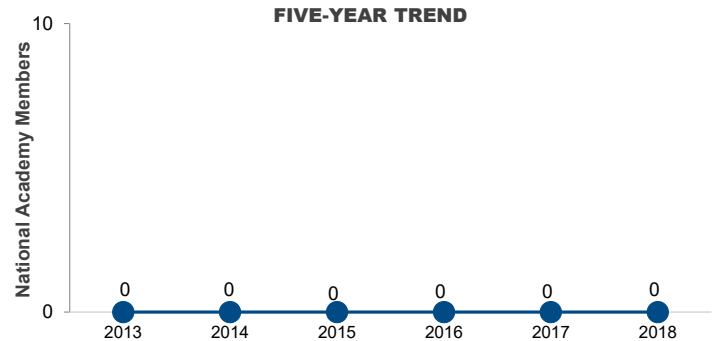
National Academy
Members
in 2018

0

One-year
nominal change
(vs. 2017)

0

Five-year
nominal change
(vs. 2013)



Source : The Top American Research Universities

ACCESS AND AFFORDABILITY

PERCENT IN-STATE PELL GRANT RECIPIENTS

42%

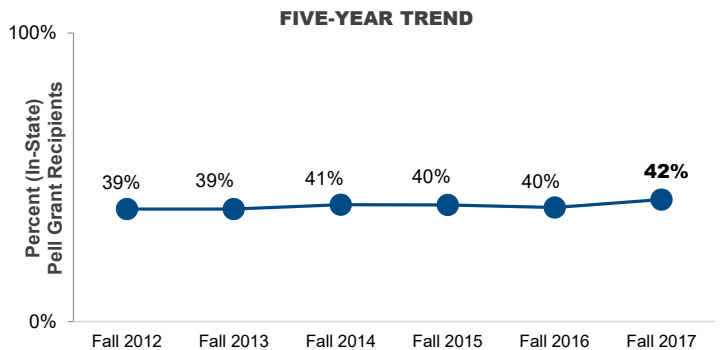
Percent (In-State)
Pell Grant Recipients
in Fall 2017

2

One-year
% point change
(vs. Fall 2016)

3

Five-year
% point change
(vs. Fall 2012)



PERCENT NEED MET FOR IN-STATE STUDENTS AWARDED NEED-BASED AID

82%

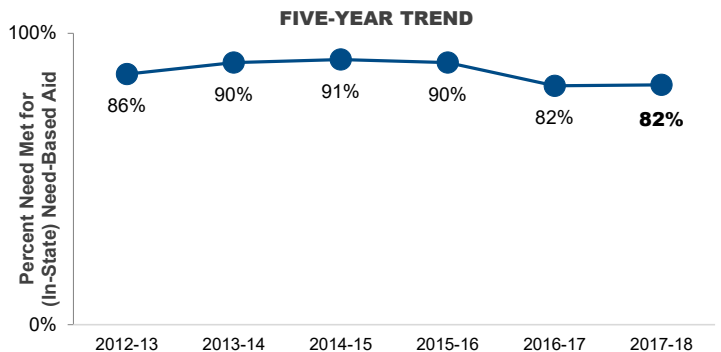
Percent Need Met for
(In-State) Need-Based
Aid in 2017-18

0

One-year
% point change
(vs. 2016-17)

4

Five-year
% point change
(vs. 2012-13)



ACCESS AND AFFORDABILITY

UNDERGRADUATE STUDENT DEBT LOAD OF GRADUATING CLASS

\$29.1k

Average Debt Load
in 2018

▲ 2%

One-year
% change
(vs. 2017)

▼ 1%

Five-year
% change
(vs. 2013)

96%

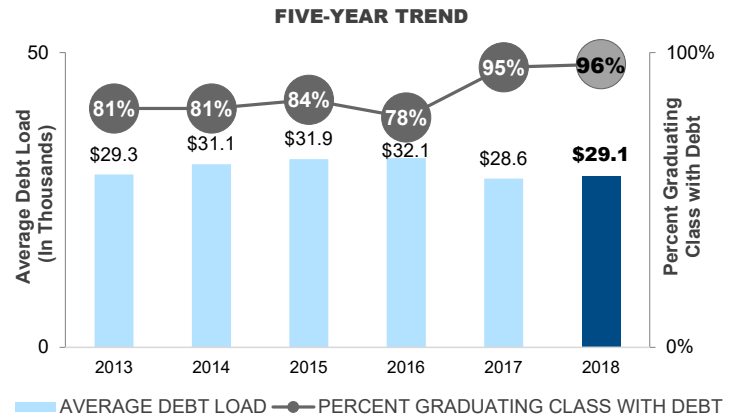
Percent Graduating
Class with Debt
in 2018

▲ 1

One-year
% point change
(vs. 2017)

▲ 15

Five-year
% point change
(vs. 2013)



PERCENT UNDERGRADUATES FROM MASSACHUSETTS

6,107

Undergraduates from
Massachusetts
in Fall 2018

▼ 1%

One-year
% change
(vs. Fall 2017)

▼ 12%

Five-year
% change
(vs. Fall 2013)

89%

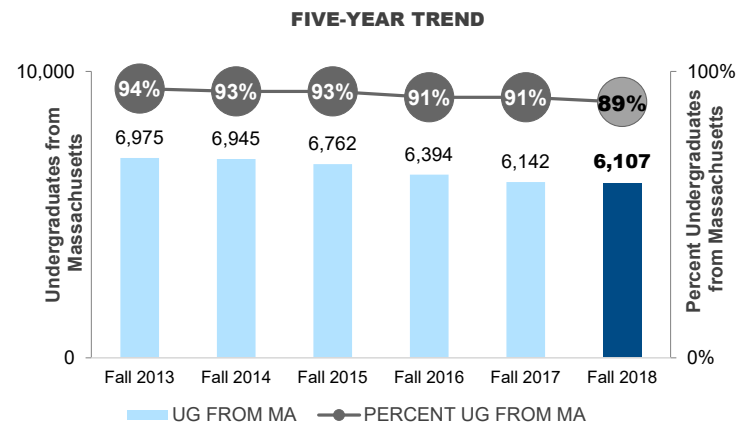
% Undergraduates
from Massachusetts
in Fall 2018

▼ 2

One-year
% point change
(vs. Fall 2017)

▼ 5

Five-year
% point change
(vs. Fall 2013)



ONLINE COURSE REGISTRATIONS

7,856

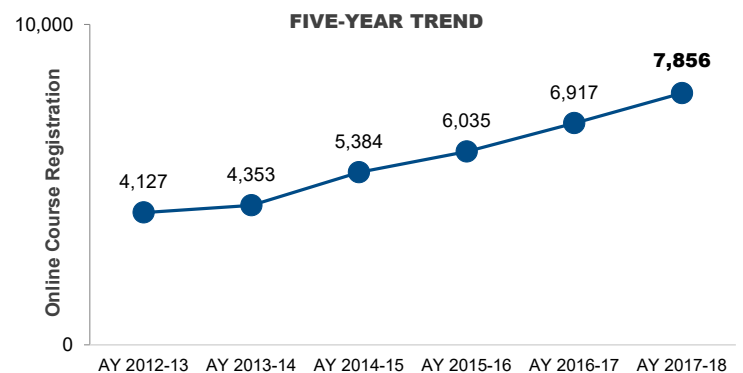
Online Course
Registrations
in AY 2017-18

▲ 14%

One-year
% change
(vs. AY 2016-17)

▲ 90%

Five-year
% change
(vs. AY 2012-13)

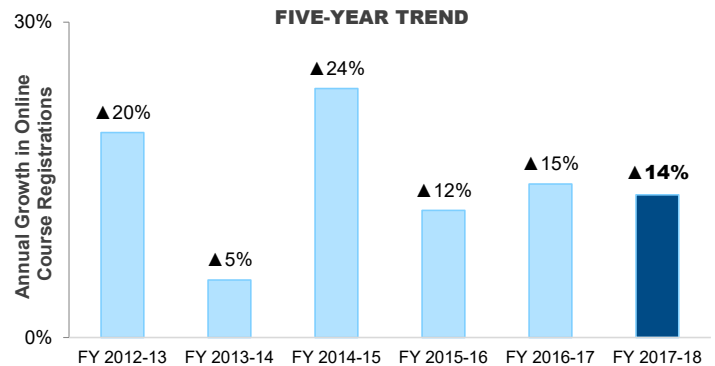


ACCESS AND AFFORDABILITY

ANNUAL GROWTH IN ONLINE COURSE REGISTRATIONS

14%

Annual Growth Online
Course Registrations
in FY 2017-18



STUDENT SUCCESS AND SATISFACTION

UNDERGRADUATE STUDENTS OF COLOR

2,333

Undergraduates
Students of Color
in Fall 2018

▲ **7%**

One-year
% change
(vs. Fall 2017)

▲ **24%**

Five-year
% change
(vs. Fall 2013)

37%

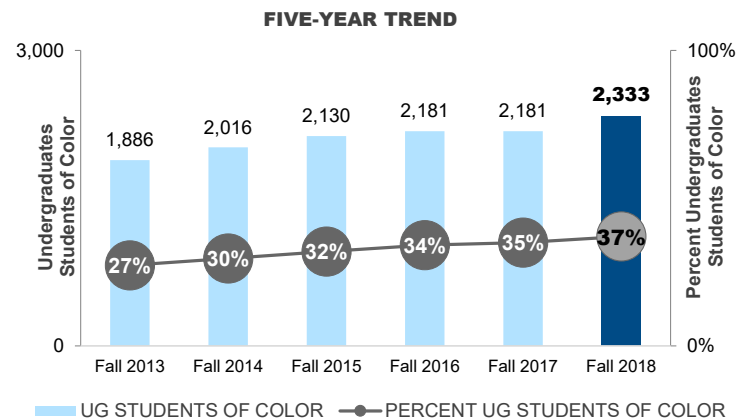
% Undergraduates
Students of Color
in Fall 2018

▲ **2**

One-year
% point change
(vs. Fall 2017)

▲ **10**

Five-year
% point change
(vs. Fall 2013)

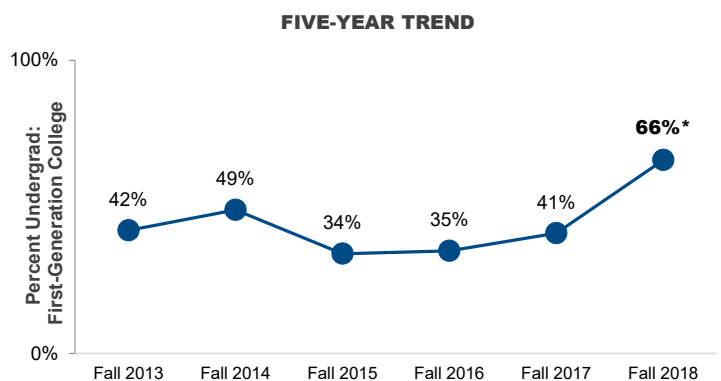


PERCENT UNDERGRADUATES WHO ARE FIRST-GENERATION IN COLLEGE

66%

Percent Undergraduates
who are First-Generation
College in Fall 2018

*Definition changed in 2018 from Neither Parent has postsecondary degree to Neither Parent has bachelor's degree. Source for data changed in 2018 from CIRP survey to Common Application response.



UMASS DARTMOUTH

STUDENT SUCCESS AND SATISFACTION

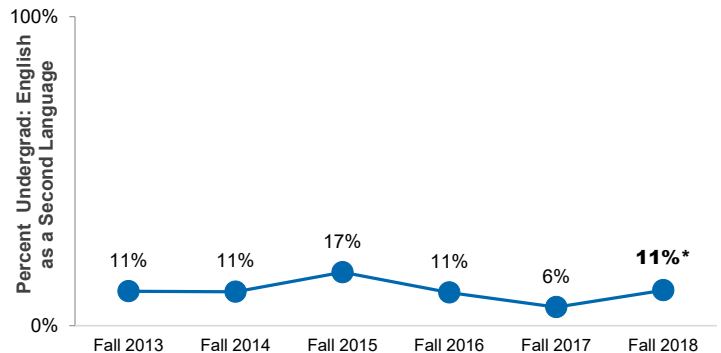
PERCENT FIRST-TIME, FULL-TIME UNDERGRADUATES WITH ENGLISH AS A SECOND LANGUAGE

11%

Percent Undergraduates
Speak English as a
Second Language
in Fall 2018

*Source for data changed in 2018
from CIRP survey to Common Application response.

FIVE-YEAR TREND



PERCENT UNDERGRADUATES WHO ARE INTERNATIONAL

181

International UG
Enrollment
in Fall 2018

▲ **5%**

One-year
% change
(vs. Fall 2017)

▲ **43%**

Five-year
% change
(vs. Fall 2013)

3%

% International UG
Enrollment
in Fall 2018

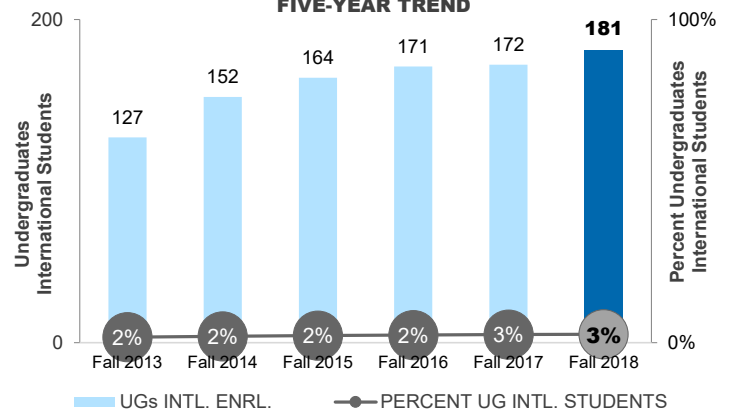
● **0**

One-year
% point change
(vs. Fall 2017)

▲ **1**

Five-year
% point change
(vs. Fall 2013)

FIVE-YEAR TREND



TOTAL STUDENTS WHO PARTICIPATED IN A STUDY ABROAD PROGRAM

82

Students who participated
in Study Abroad
in Fall 2017-Smr.18

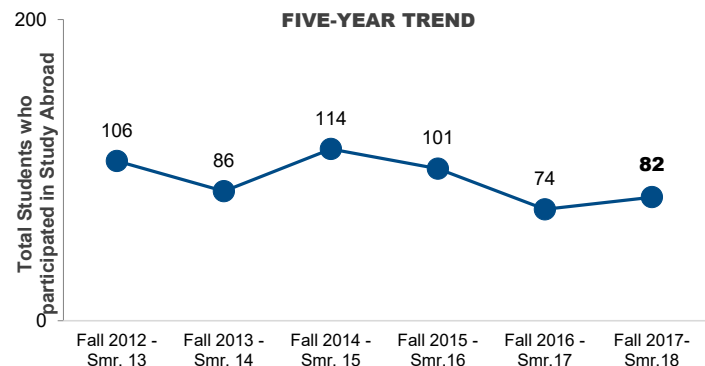
▲ **8**

One-year
nominal change
vs. Fall 2016 -Smr.17

▼ **24**

Five-year
nominal change
vs. Fall 2012 -Smr. 13

FIVE-YEAR TREND



STUDENT SUCCESS AND SATISFACTION

UMASS DARTMOUTH

FRESHMEN ONE-YEAR RETENTION RATE

71%

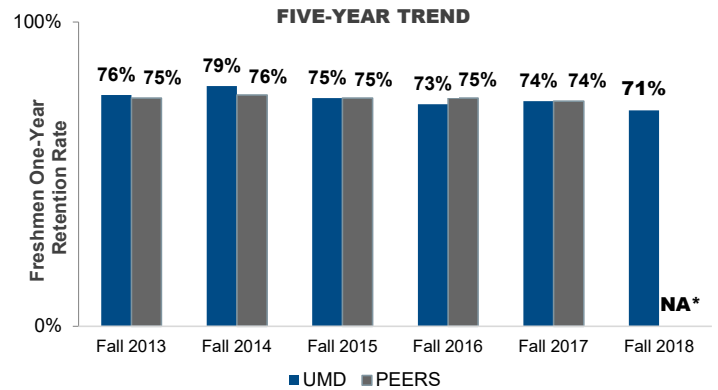
Freshmen One-Year
Retention Rate
in Fall 2018

▼ **3**

One-year
% point change
(vs. Fall 2017)

▼ **5**

Five-year
% point change
(vs. Fall 2013)



* Peer data for Fall 2018 not available for reporting purposes.

FRESHMEN FOUR-YEAR GRADUATION RATES

34%

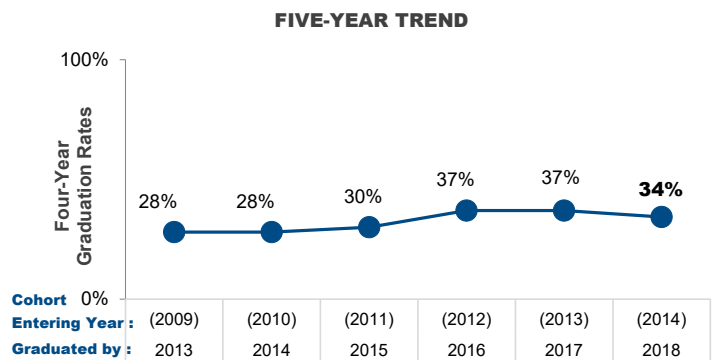
Freshmen Four-Year
Graduation Rates
in 2018

▼ **3**

One-year
% point change
(vs. 2017)

▲ **6**

Five-year
% point change
(vs. 2013)



FRESHMEN SIX-YEAR GRADUATION RATE

56%

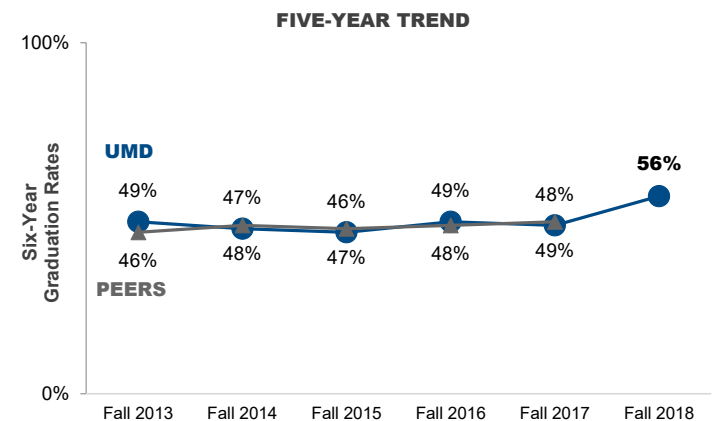
UMD Freshmen Six-Year
Graduation Rates
in Fall 2018

▲ **8**

One-year
% point change
(vs. Fall 2017)

▲ **7**

Five-year
% point change
(vs. Fall 2013)



* Peer data for Fall 2018 not available for reporting purposes.

STUDENT SUCCESS AND SATISFACTION

TRANSFER (FULL-TIME) ONE-YEAR RETENTION RATE

79%

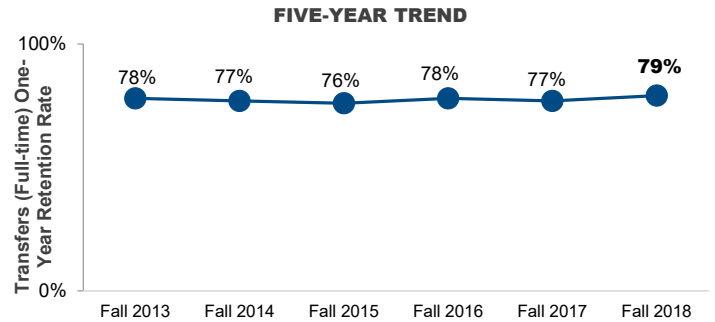
Transfers (Full-time)
One-Year
Retention Rate
in Fall 2018

▲ 2

One-year
% point change
(vs. Fall 2017)

▲ 1

Five-year
% point change
(vs. Fall 2013)



TRANSFER (UPPER DIVISION) FOUR-YEAR GRADUATION RATE

65%

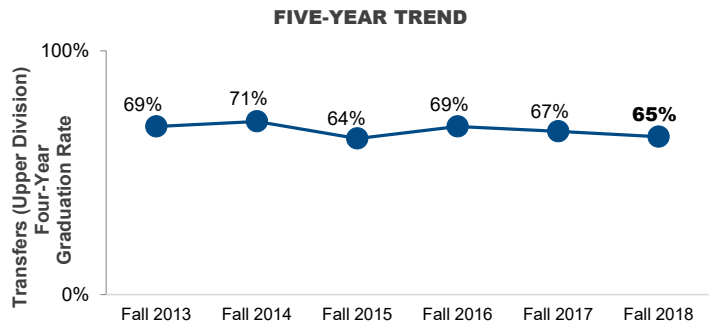
Transfers (Upper
Division) Four-Year
Graduation Rates
in Fall 2018

▼ 2

One-year
% point change
(vs. Fall 2017)

▼ 4

Five-year
% point change
(vs. Fall 2013)



STUDENT ACHIEVEMENT MEASURE

Cohort starting in : 2012-13

45%

Bachelor's Degree
Within 4 Yrs. from
any institution

66%

Bachelor's Degree
Within 5 Yrs. From
any institution

73%

Bachelor's Degree
Within 6 Yrs. From
any institution

38%

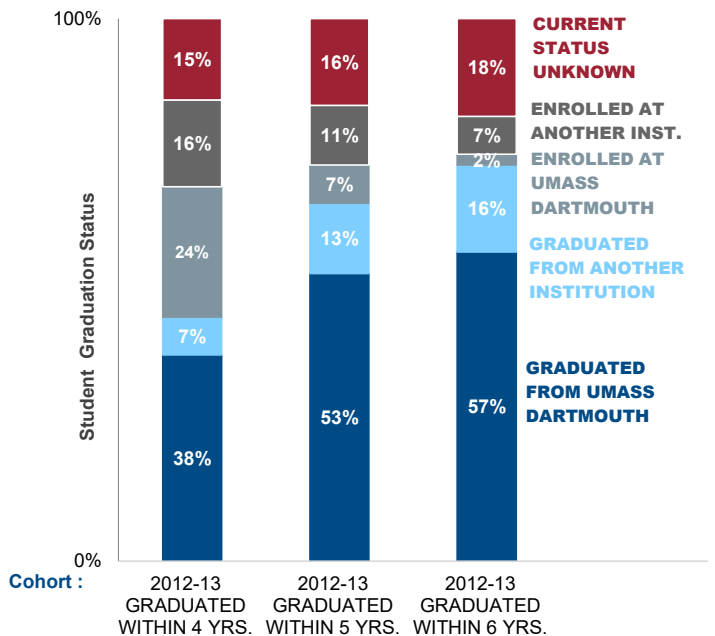
Bachelor's Degree
Within 4 Yrs. from
UMass Dartmouth

53%

Bachelor's Degree
Within 5 Yrs. From
UMass Dartmouth

57%

Bachelor's Degree
Within 6 Yrs. From
UMass Dartmouth



Source : Student Achievement Measure (SAM)

STUDENT SUCCESS AND SATISFACTION

ALUMNI PARTICIPATION RATE

3%

Alumni Participation
Rate
in 2018

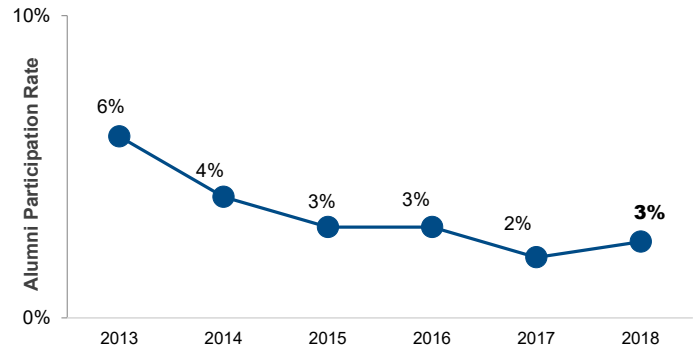
▲ 1

One-year
% point change
(vs. 2017)

▼ 3

Five-year
% point change
(vs. 2013)

FIVE-YEAR TREND



SERVICE TO THE COMMONWEALTH

DEGREE COMPLETIONS

1,916

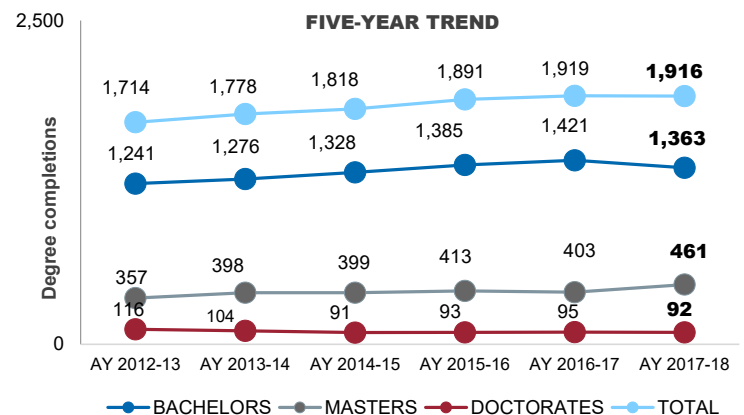
Total degree
completions
AY 2017-18

• 0%

One-year
% change
in total degree
completions
(vs. AY 2016-17)

▲ 12%

Five-year
% change
in total degree
completions
(vs. AY 2012-13)



PERCENT ALUMNI WHO LIVE IN MASSACHUSETTS

72%

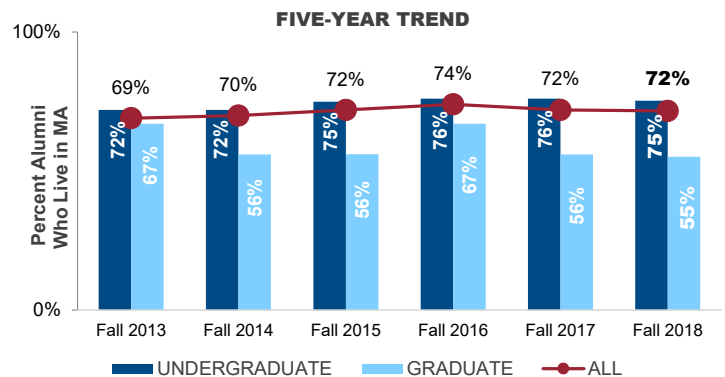
Of all UMass Alumni
live in the Commonwealth
in Fall 2018

• 0

One-year
% point change
(vs. Fall 2017)

▲ 3

Five-year
% point change
(vs. Fall 2013)



SERVICE TO THE COMMONWEALTH

ENROLLMENT IN STEM PROGRAMS

1,625

UG enrollment in
STEM fields
in Fall 2018

▼ **3%**

One-year
% change
(vs. Fall 2017)

▼ **8%**

Five-year
% change
(vs. Fall 2013)

24%

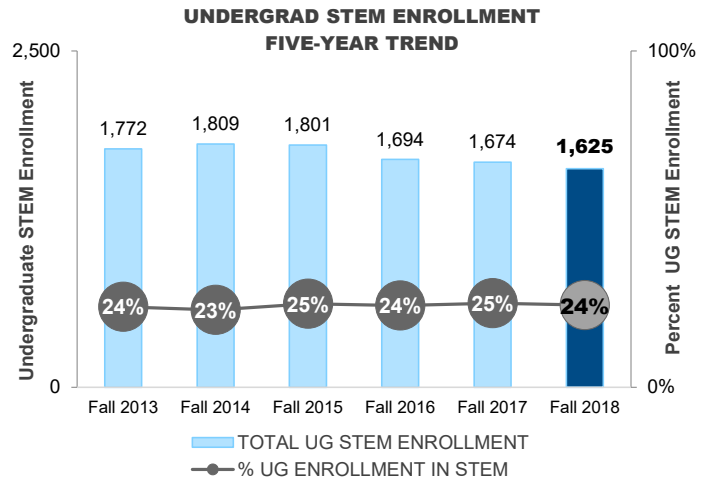
Percent of total
UG enrollment in
STEM fields
in Fall 2018

▼ **1**

One-year
% point change
(vs. Fall 2017)

• **0**

Five-year
% point change
(vs. Fall 2013)



406

Grad enrollment in
STEM fields
in Fall 2018

▼ **4%**

One-year
% change
(vs. Fall 2017)

▲ **25%**

Five-year
% change
(vs. Fall 2013)

26%

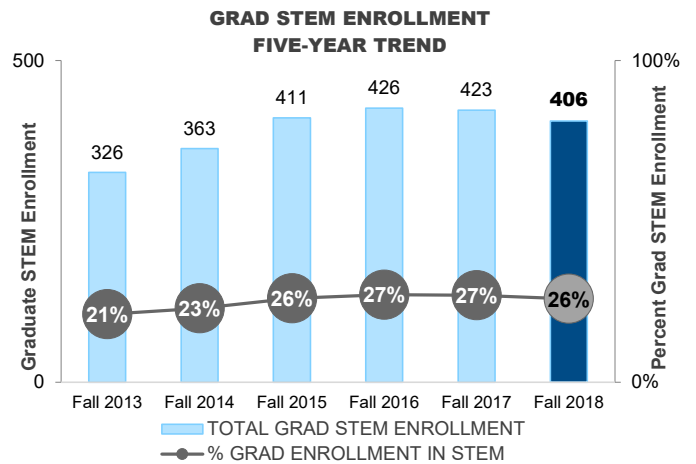
Percent of total
Grad enrollment in
STEM fields
in Fall 2018

▼ **1**

One-year
% point change
(vs. Fall 2017)

▲ **5**

Five-year
% point change
(vs. Fall 2013)



2,031

Total enrollment in
STEM fields
in Fall 2018

▼ **4%**

One-year
% change
(vs. Fall 2017)

▼ **3%**

Five-year
% change
(vs. Fall 2013)

25%

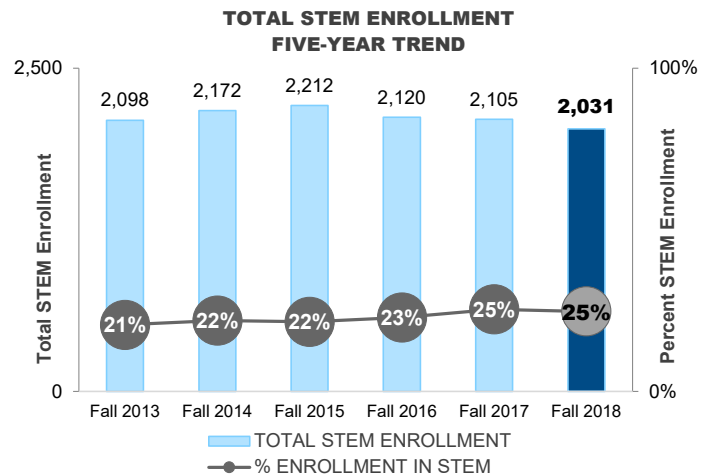
Percent of total
enrollment in
STEM fields
in Fall 2018

• **0**

One-year
% point change
(vs. Fall 2017)

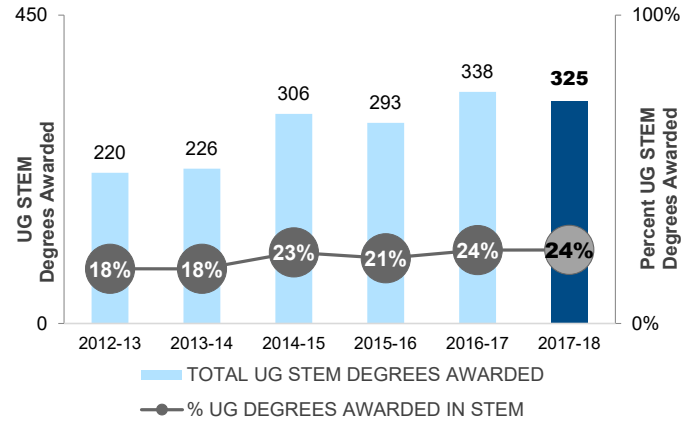
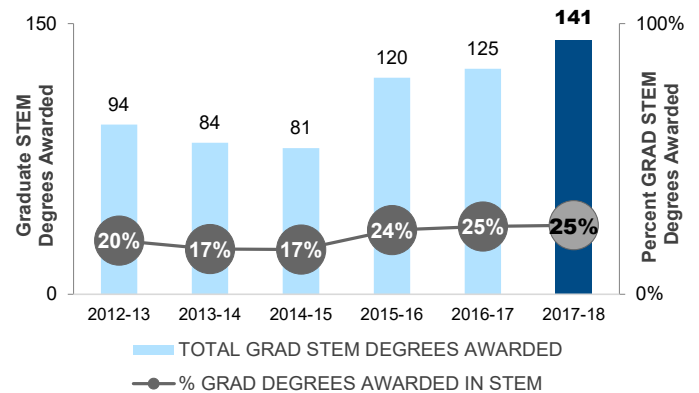
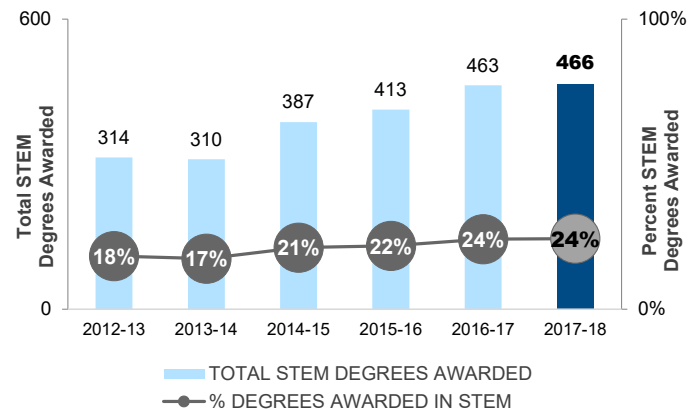
▲ **4**

Five-year
% point change
(vs. Fall 2013)



SERVICE TO THE COMMONWEALTH

DEGREES AWARDED IN STEM FIELDS

325UG degrees awarded
in STEM fields
in 2017-18▼ **4%**One-year
% change
(vs. 2016-17)▲ **48%**Five-year
% change
(vs. 2012-13)**24%**Percent of total UG
degrees awarded in
STEM fields
in 2017-18● **0**One-year
% point change
(vs. 2016-17)▲ **6**Five-year
% point change
(vs. 2012-13)UNDERGRAD STEM DEGREES AWARDED
FIVE-YEAR TREND**141**Grad degrees awarded
in STEM fields
in 2017-18▲ **13%**One-year
% change
(vs. 2016-17)▲ **50%**Five-year
% change
(vs. 2012-13)**25%**Percent of total Grad
degrees awarded in
STEM fields
in 2017-18● **0**One-year
% point change
(vs. 2016-17)▲ **5**Five-year
% point change
(vs. 2012-13)GRAD STEM DEGREES AWARDED
FIVE-YEAR TREND**466**Total degrees awarded
in STEM fields
in 2017-18▲ **1%**One-year
% change
(vs. 2016-17)▲ **48%**Five-year
% change
(vs. 2012-13)**24%**Percent of Total
degrees awarded in
STEM fields
in 2017-18● **0**One-year
% point change
(vs. 2016-17)▲ **6**Five-year
% point change
(vs. 2012-13)TOTAL STEM DEGREES AWARDED
FIVE-YEAR TREND

SERVICE TO THE COMMONWEALTH

CERTIFICATES AWARDED IN STEM FIELDS

5

Total Certificates awarded
in STEM fields
in 2017-18

▲ **5**

One-year
nominal change
(vs. 2016-17)

▼ **1**

Five-year
nominal change
(vs. 2012-13)

6%

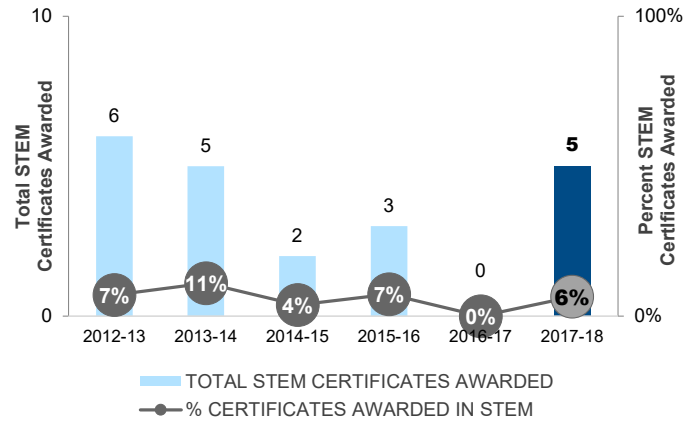
Percent of Total
Certificates awarded in
STEM fields
in 2017-18

▲ **6**

One-year
% point change
(vs. 2016-17)

▼ **1**

Five-year
% point change
(vs. 2012-13)

TOTAL STEM CERTIFICATES AWARDED
FIVE-YEAR TREND

DEGREES AWARDED IN HEALTHCARE FIELDS

214

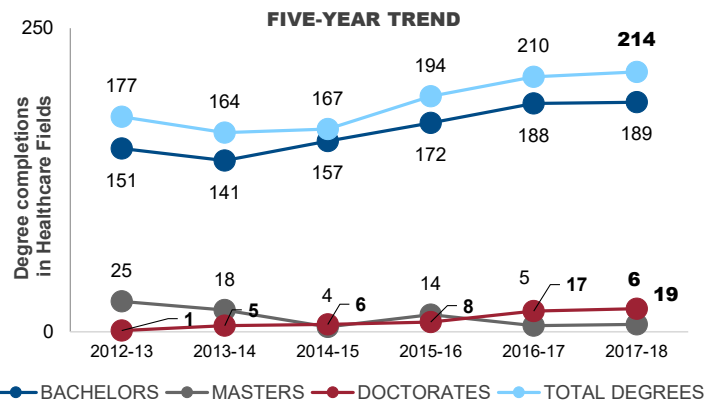
Total degrees awarded
in HealthCare fields
in 2017-18

▲ **2%**

One-year
% change
(vs. 2016-17)

▲ **21%**

Five-year
% change
(vs. 2012-13)



CERTIFICATES AWARDED IN HEALTHCARE FIELDS

17

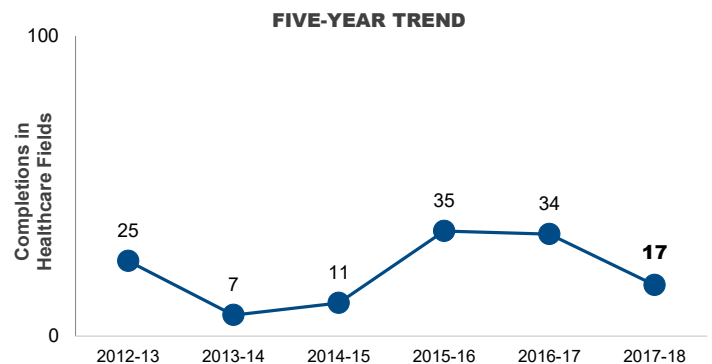
Total Certificates awarded
in HealthCare fields
in 2017-18

▼ **50%**

One-year
% change
(vs. 2016-17)

▼ **32%**

Five-year
% point change
(vs. 2012-13)



SERVICE TO THE COMMONWEALTH

MTEL SCIENCE AND MATH TEST-TAKERS

9

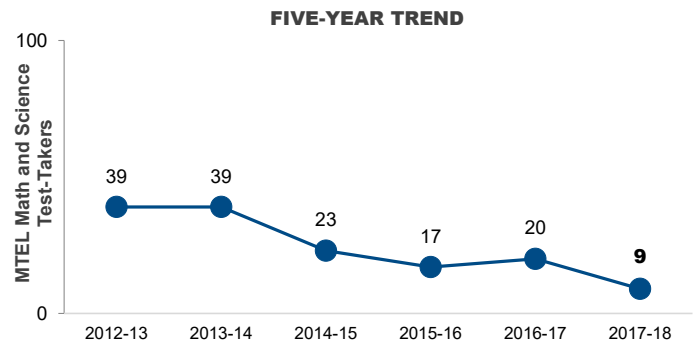
MTEL Math and
Science Test-Takers
in 2017-18

▼ 11

One-year
nominal change
(vs. 2016-17)

▼ 30

Five-year
nominal change
(vs. 2012-13)



FINANCIAL HEALTH

ENDOWMENT ASSETS AND ANNUAL GROWTH IN ENDOWMENT

\$56.4M

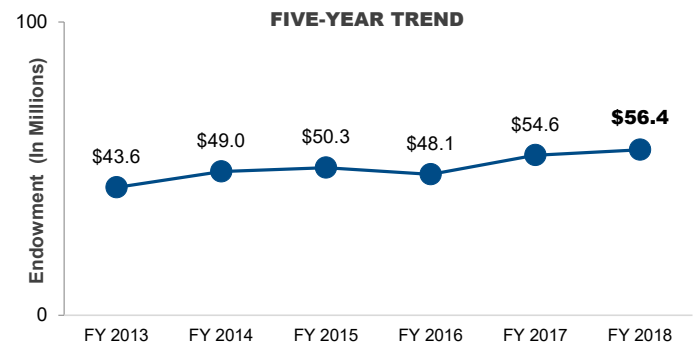
Endowment Assets
in FY 2018

▲ 3%

One-year
% change
(vs. FY 2017)

▲ 29%

Five-year
% change
(vs. FY 2013)

**3%**

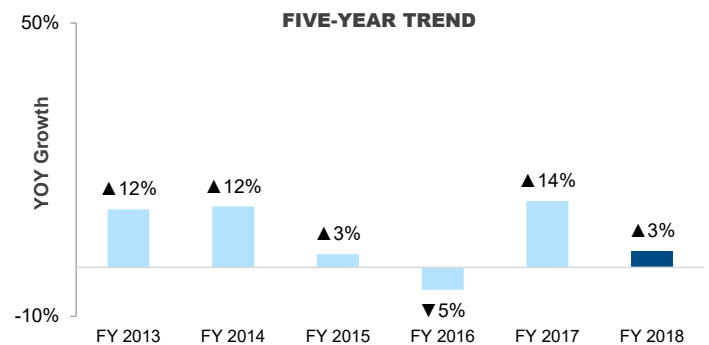
Annual Growth
in FY 2018

▼ 11

One-year
% point change
(vs. FY 2017)

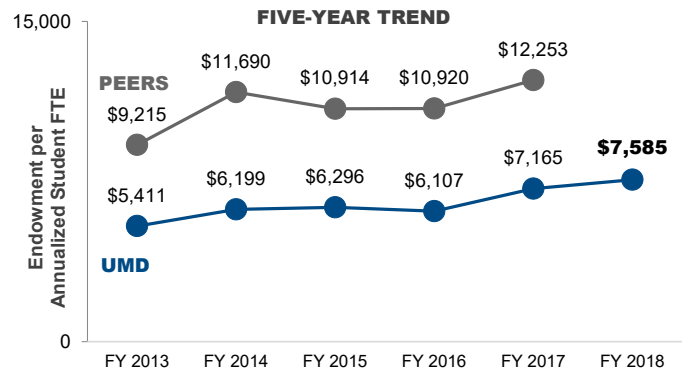
▼ 9

Five-year
% point change
(vs. FY 2013)

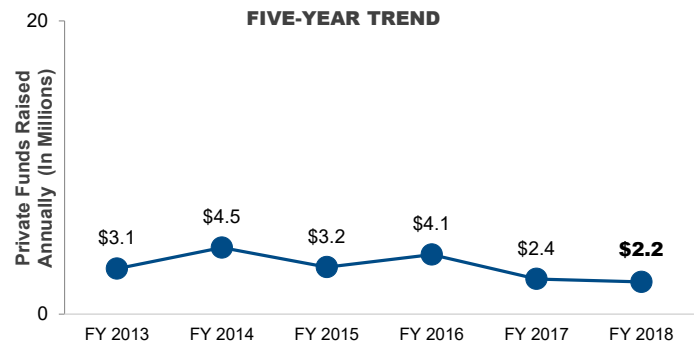


FINANCIAL HEALTH

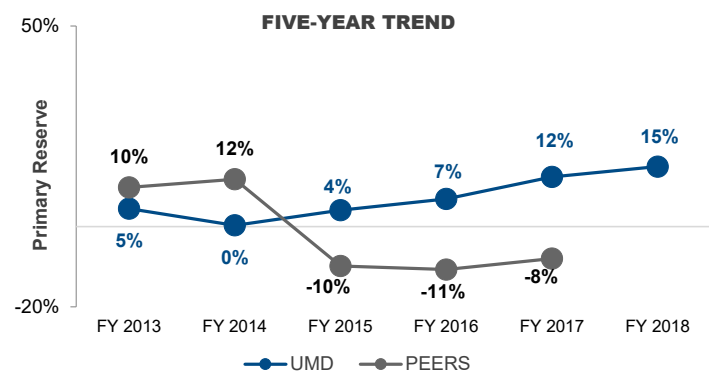
ENDOWMENT PER ANNUALIZED STUDENT FTE

\$7.6kEndowment per
Annualized Student FTE
in FY 2018▲ **6%**One-year
% change
(vs. FY 2017)▲ **40%**Five-year
% change
(vs. FY 2013)

PRIVATE FUNDS RAISED ANNUALLY

\$2.2MPrivate Funds
Raised Annually
in FY 2018▼ **8%**One-year
% change
(vs. FY 2017)▼ **29%**Five-year
% change
(vs. FY 2013)

PRIMARY RESERVE

15%Primary Reserve
in FY 2018▲ **3**One-year
% Point change
(vs. FY 2017)▲ **10**Five-year
% Point change
(vs. FY 2013)

* Peer data for FY 2018 not available for reporting purposes.
Peer data only available on 50% of the comparative schools.

FINANCIAL HEALTH

DEBT SERVICE TO OPERATIONS

8%

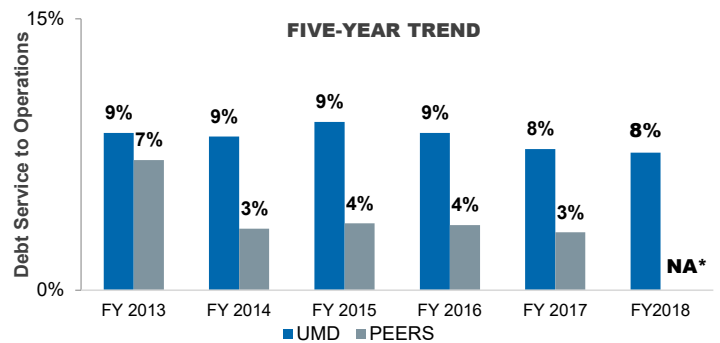
Debt Service
to Operations
in FY2018

0

One-year
% Point change
(vs. FY 2017)

1

Five-year
% Point change
(vs. FY 2013)



* Peer data for FY2018 not available for reporting purposes.
Peer data only available on 50% of the comparative schools.

DEFERRED MAINTENANCE PER GROSS SQUARE FOOT

\$229

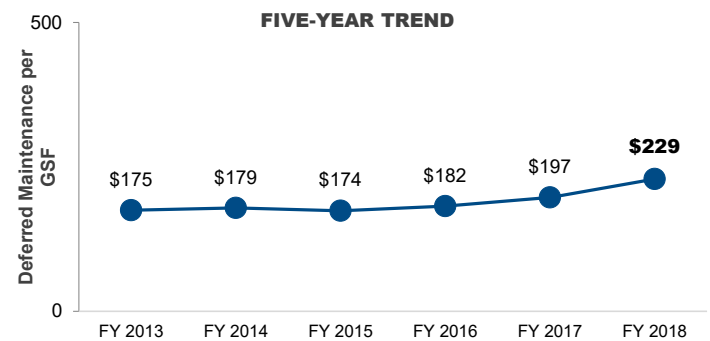
Deferred Maintenance
Per Gross Square Foot
in FY 2018

16%

One-year
% change
(vs. FY 2017)

31%

Five-year
% change
(vs. FY 2013)



DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

Average High School GPA of First-Time

Freshmen. Cumulative GPA for college prep courses with additional weight to honors and AP courses, according to DHE admissions policy, reported on all first-time students.

SAT Scores of Freshmen. SAT scores of Freshmen. All reported SAT scores are based on the sum of the SAT MSS and the ERWS for entering freshmen. A redesigned SAT was used for Fall 2017 admissions; therefore, scores for Fall 2016 and before cannot be compared to scores for Fall 2017 and onward. The average is the arithmetic mean of these SAT scores. Peer data are from IPEDS.

Average GPA of Entering Transfer

Students. Cumulative GPA of entering transfer students according to DHE admissions policy.

Student Satisfaction with Educational

Experience. Percent of seniors who responded “good” or “excellent” to the question, “How would you evaluate your entire educational experience at this institution?” on the most recently conducted National Survey of Student Engagement (NSSE).

Student-Faculty Ratio. The ratio of FTE students to FTE instructional faculty. Faculty and students in stand-alone graduate or professional programs such as law, education, public policy, and marine science in which faculty teach virtually only graduate-level students are excluded. Teaching assistants are not counted as faculty. Data and definition are from CDS.

Technology-Enhanced Classrooms.

Classification of the campus's total classroom capacity in terms of the level of technology-support.

Doctoral Degrees Awarded. Number of doctorates awarded for AY 2017-18, which includes August/September, January/February and May award dates. These include both research/scholarship and professional practice doctorates. Peer comparison data are based on research/scholarship doctorates only that were reported to IPEDS.

Postdoctoral Appointees. The number of postdoctoral appointees as reported to the National Science Foundation (NSF).

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

Total R&D Expenditures Ranking. Annual NSF ranking of Total R&D expenditures, for all postsecondary institutions participating in the NSF HERD Survey. UMass Dartmouth's rank in the annual NSF ranking of Total R&D expenditures among public institutions of higher education with a Carnegie classification of “Masters Colleges and Universities” (prior to FY16) and “Doctoral Universities: High Research Activity” (FY16-present) and with no medical school. Data source NCES WebCaspar/NSF HERD data tables.

Total R&D Expenditures per Tenure

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

Federal Research Expenditures. R&D expenditures in all academic fields, from all federal sources, as reported to NSF. Peer data are from NSF and include aspirant peers.

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

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

Percent Tenured/Tenure-Track Faculty.

Percent based on the ratio of Tenured/Tenure-Track Faculty FTE to Total Instructional Faculty FTE. Does not include Research only Faculty.

New Tenured/Tenured-Track Faculty

Hired. The number of new tenured/tenure-track Instructional Faculty members hired to start their new positions in the academic year. Data for “New Hires” is based on IPEDS definitions. Prior to 2016, “New Hires” were based on all those on payroll as of November 1 of the reporting year who were hired for

DEFINITIONS AND SOURCES

ACADEMIC QUALITY INDICATORS

full-time employment between July 1 and October 31; 2016 and onwards, IPEDS expanded the hire date to include those that were hired between November 1 of the previous year and October 31 of the reporting year.

New Tenured/Tenure-Track Faculty Hired as Percent of All Tenured/Tenure-Track Faculty.

Number of “Newly hired” Tenured/Tenure-track faculty divided Total Tenured/Tenure-track faculty of an IPEDS reporting cycle. Data for “New Hires” is based on IPEDS definitions. Prior to 2016, “New Hires” were based on all those on payroll as of November 1 of the reporting year who were hired for full-time employment between July 1 and October 31; 2016 and onwards, IPEDS expanded the hire date to include those that were hired between November 1 of the previous year and October 31 of the reporting year.

Tenured/Tenure-Track Faculty. The difference in the number of tenured/tenure-track faculty from one Fall semester to the next. Faculty members who are on paid leave are included. Does not include individuals whose primary responsibility is administrative.

Faculty FTE. The difference in the total FTE, from one Fall semester to the next, for all full-time and part-time instructional faculty. Includes faculty members who are on paid leave. Does not include individuals whose primary responsibility is

administrative. Definition of Faculty FTE is per the Common Data Set, and includes all faculty teaching credit courses, including credit courses offered via Continuing Education.

Faculty-of-Color. The proportion of full-time instructional staff who are U.S. citizens or permanent residents and report their race/ethnicity to be one or more of the following: Hispanic/Latino, American Indian or Alaska Native, Asian, Black or African-American, Native Hawaiian or Other Pacific Islander, or Two or More Races. Race/ethnicity definition is based on IPEDS.

Women Faculty. The proportion of full-time instructional staff who identify themselves as female.

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 Fellows, National Endowment for the Humanities Fellows, NSF Career Awards, Sloan Research Fellows). Data reported in *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*.

ACCESS AND AFFORDABILITY INDICATORS

Percent In-State Pell Grant Recipients.

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

Percent Need Met for In-State Students

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

Undergraduate Student Debt Load of

Graduating Class. Average debt load is based on the total debt borrowed by an Institution’s graduating class (bachelor’s, first-time only) divided by the number of students of that cohort that carried any amount of debt. It does not include those students with no debt load. It does not include students who have transferred in. The graduating class includes those that graduated between July 1 and June 30 of the reporting year. Data is from CDS.

DEFINITIONS AND SOURCES

ACCESS AND AFFORDABILITY INDICATORS

Percent Undergraduates from

Massachusetts. Percentage of total undergraduate students who are 'In-State' or residents of Massachusetts based on tuition residency. For day students, tuition classification is used, whereas for CE students, actual residency at time of matriculation is used

Online Course Registrations. Course registrations for the academic year for online credit courses. Academic year includes Summer, Fall,

intersession, and Spring. These do not include hybrid courses, but fully online courses only offered via UMassOnline.

Annual Growth in Online Course

Registrations. Percentage rate of growth in course registrations for the fiscal year for online credit courses. Fiscal year includes Summer, Fall, intersession, and Spring. These do not include hybrid courses, but fully online only offered via UMassOnline.

STUDENT SUCCESS AND SATISFACTION INDICATORS

Undergraduate Students of Color.

Undergraduates who self-identify as either African American/Black, Hispanic/ Latino, Asian, Hawaiian/Pacific Islander, American Indian/Alaskan Native, and/or Two or more races. Hispanic students who list one or more additional groups will be coded as Hispanic. Cape Verdean students who identify solely as Cape Verdean will be coded as Black/African American. Included only for U.S. Citizens and Permanent Residents who report race and ethnicity divided by total undergraduate U.S. citizens and permanent residents who report race/ethnicity.

Percent Undergraduates who are First

Generation in College. Percent of first-time, full-time undergraduates where neither parent has earned a bachelor's degree. The source of this data field is the Common Application. Prior years' percentages were from the CIRP survey and definition was neither parent has postsecondary degree.

Percent first-time, full-time

Undergraduates with English as a Second

Language. Percent of first-time, full-time undergraduates who speak another language at home. The source of this data field will be from the Common Application. Prior years' percentages were from the CIRP survey.

Percent Undergraduates who are

International. Percentage of all undergraduates who are non-resident aliens, studying at the

university on an eligible visa types, and enrolled in credit courses. Does not include permanent residents, refugees, or US citizens.

Total Students who participated in a

Study Abroad Program. Number of students who participated in a credit-bearing study abroad program outside of the U.S. over the most recent academic year, through UMass or other institution.

Freshmen One-Year Retention Rate. Percent of first-time, full-time, degree-seeking freshmen who entered UMass in a given Fall and were still enrolled at the institution in the following Fall. Peer data as reported to IPEDS.

Freshmen Four-Year Graduation Rate.

Percent of first-time, full-time, degree-seeking freshmen who entered UMass in a given Fall term and graduated from the institution by the end of their fourth year.

Freshmen Six-Year Graduation Rate.

Percent of first-time, full-time freshmen who entered UMass in a given Fall term and had graduated from the institution within six years. Peer data are based on median as reported to IPEDS.

Transfer (Full-Time) One-Year Retention

Rate. Percent of full-time transfer students at any level who entered UMass in a given Fall and were still enrolled at, or graduated from the institution as of the following Fall.

DEFINITIONS AND SOURCES

STUDENT SUCCESS AND SATISFACTION INDICATORS

Transfer (Upper-Division) Four-Year

Graduation Rate. Percent of full-time upper division transfers (60+ credits) who entered UMass in a given fall term and had graduated from the institution within four years.

Student Achievement Measure. SAM tracks student movement across postsecondary institutions to provide a more complete picture of undergraduate student progress and completion within the higher education system. SAM is an alternative to the federal graduation rate, which is limited to tracking

the completion of first-time, full-time students at one institution.

Alumni Participation Rate. The percentage of undergraduate alumni of record who donated money to the college or university. Alumni of record are former full- or part-time students who received an undergraduate degree and for whom the college or university has a current address. The alumni giving rate is calculated by dividing the number of alumni donors during a given academic year by the number of alumni of record for that same year. Graduates who earned only a graduate degree are excluded.

SERVICE TO THE COMMONWEALTH INDICATORS

Degree Completions. The number of degrees (not including certificates) awarded in the previous academic year, by degree level. As reported to IPEDS.

Percent Alumni who live in

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

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

Degrees and Certificates Awarded in

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

Degrees and Certificates Awarded in

Healthcare Fields. Number of undergraduate and graduate degrees and certificates awarded in Health Care fields. Healthcare designation as defined by Campus IR, and based on CIP classification. All of CIP 51, and specific 6-digit CIPs unique to each campus. Certificates data also included separately.

MTEL Science & Math Test-Takers. Total number of students who took the Massachusetts Tests for Educator Licensure (MTEL) subject tests in science and math fields.

FINANCIAL HEALTH INDICATORS

Endowment Assets and Annual Growth in

Endowment. The total value of the endowment (includes true and quasi-endowments) at the end of the fiscal year as reported in the UMass Annual BOT report, and the percent change from previous year. Comparative data are from IPEDS, financial statements, and the NACUBO survey.

Endowment per Annualized Student FTE.

Total endowment (includes true and quasi-endowments) per annualized FTE student, where FTE of peer institutions is standardized to UMass

formulae. Peer data are for the comparative peers from financial statements (current year) and IPEDS (prior years).

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

DEFINITIONS AND SOURCES

FINANCIAL HEALTH INDICATORS

Primary Reserve. Unrestricted net assets as a percentage of total operating expenditures (operating expenditures plus interest expense). Peer data are from published financial statements.

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

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

PEER INSTITUTIONS FOR UMASS DARTMOUTH

Cleveland State University (OH)*

Idaho State University

Louisiana Tech University

Marshall University (WV)

SUNY at Binghamton (NY)*

The University of Montana*

The University of Texas at Dallas*

University of Arkansas at Little Rock

University of Idaho

University of New Orleans (LA)

University of North Dakota*

University of South Dakota

University of Southern Maine

Wichita State University (KS)*

**Aspirant Peers*

Please Note: Unless otherwise specified, all data are from UMass Dartmouth Office of Institutional Research and Assessment.

UMass Dartmouth - Clery Act Crime Statistics						
ENROLLMENTS/NUMBER OF RESIDENTS	Fall 2017		Fall 2016		Fall 2015	
	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus	Total Enrollment	# Living on Campus
UNDERGRADUATE STUDENTS	6,763	3,538	6,999	3,773	7,295	4,073
GRADUATE STUDENTS	1,643	76	1,648	98	1,621	95
Calendar Year						
OFFENSE	2017		2016		2015	
MURDER / NON-NEGLIGENT MANSLAUGHTER	0		0		0	
NEGLIGENT MANSLAUGHTER	0		0		0	
RAPE	1		11		8	
FONDLING	4		5		4	
INCEST	0		0		0	
STATUTORY RAPE	0		0		0	
ROBBERY	5		0		0	
AGGRAVATED ASSAULT	10		3		5	
BURGLARY	11		5		7	
MOTOR VEHICLE THEFT	0		4		1	
ARSON	0		3		6	
DOMESTIC VIOLENCE*	15		8		7	
DATING VIOLENCE*	0		0		0	
STALKING*	6		3		3	
HATE CRIMES <i>Any of the aforementioned offenses, and other crime involving bodily injury, that manifest evidence of prejudice based on race, religion, sexual orientation, gender, disability or ethnicity are also reported as hate crimes.</i>	0		0		0	
LIQUOR LAW ARRESTS	4		19		67	
LIQUOR LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	161		180		289	
DRUG LAW ARRESTS	1		1		5	
DRUG LAW VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	1		3		120	
ILLEGAL WEAPONS POSSESSION ARRESTS	1		1		0	
ILLEGAL WEAPONS POSSESSION VIOLATIONS REFERRED FOR DISCIPLINARY ACTION	0		0		4	

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