



Undergraduate Student Pipeline & USM Enrollment Projections

Presentation to Education Policy and Student Life Committee
March 3, 2015

*Prepared by Institutional Research
Office of Administration and Finance/
Chief Operating Officer*



Overview

Four annual reports:

- *SAT Percentile Distributions of First-Time Undergraduates*
- *Retention and Graduation Rates of First-Time, Full-Time Degree-Seeking Undergraduates*
- *Transfer Students to the University of Maryland: Patterns of Enrollment and Success*
- *USM Enrollment Projections 2014-2023*

Highlights three major undergraduate pipelines:

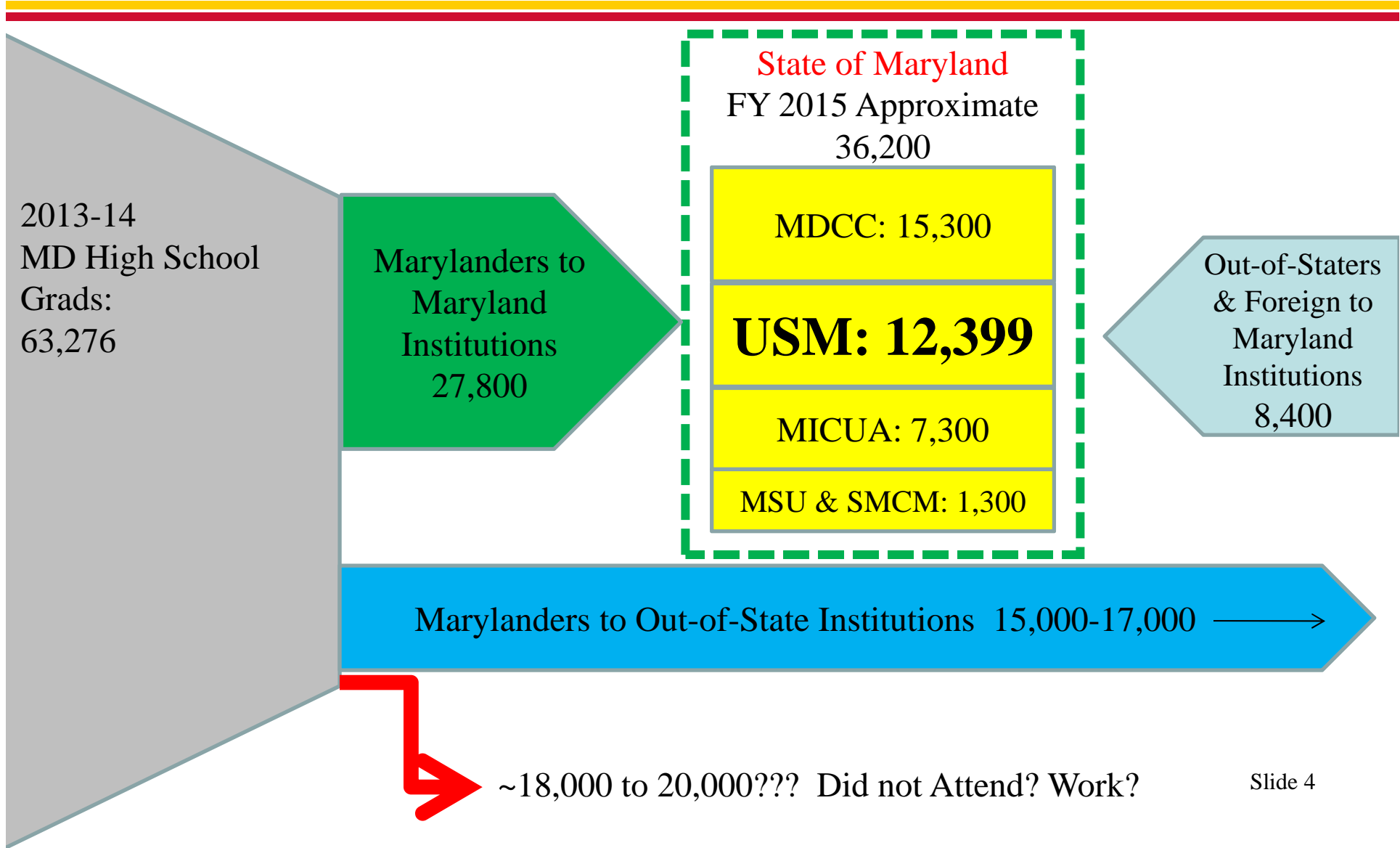
- New freshmen (fall only)
 - Academic profile (SAT) and level of success (retention and graduation)
- Maryland community college transfers (Fiscal Year)
 - Preparedness and level of success
- Other new transfers (Fiscal Year)



FIRST-TIME, FULL-TIME FRESHMEN

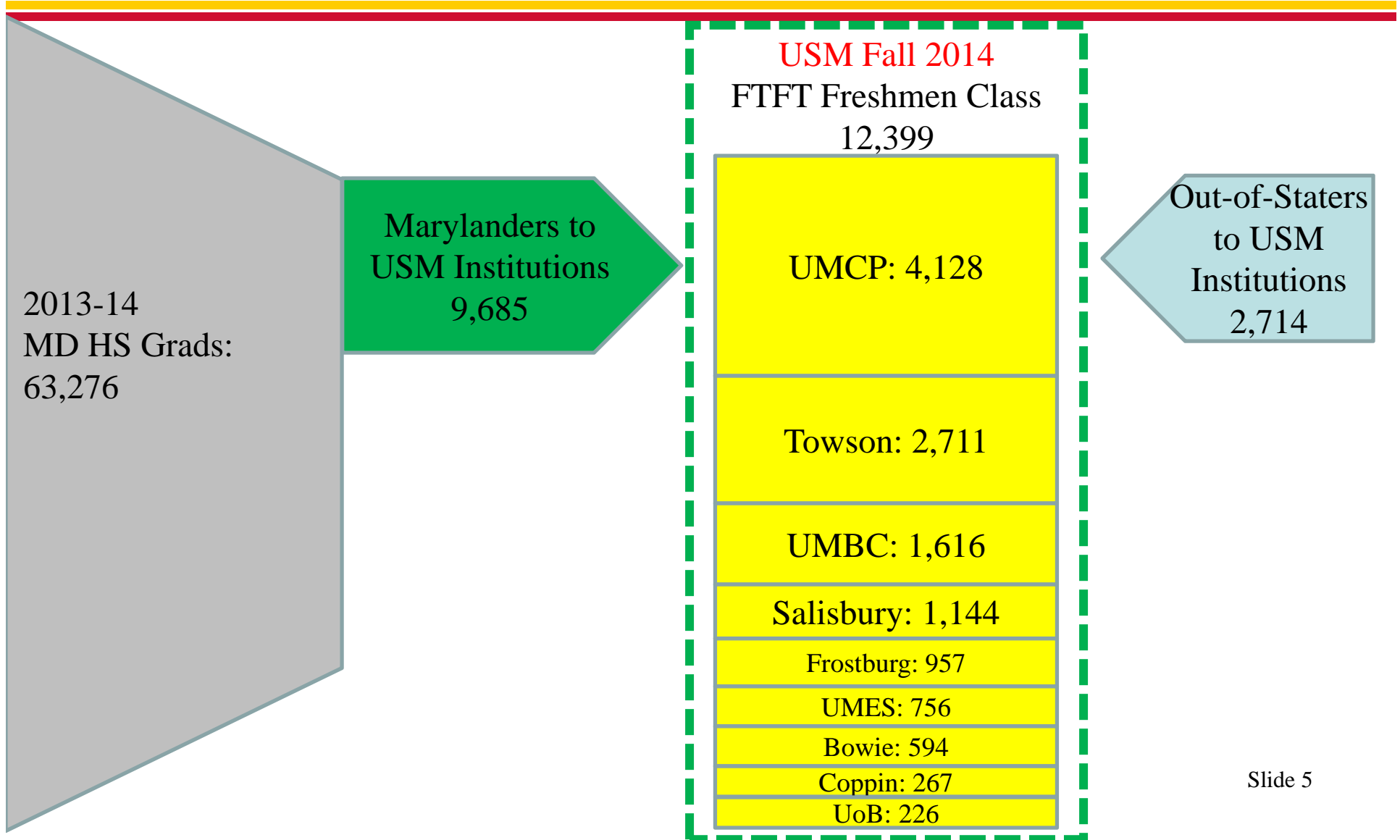


New Student Pipeline STATE-WIDE



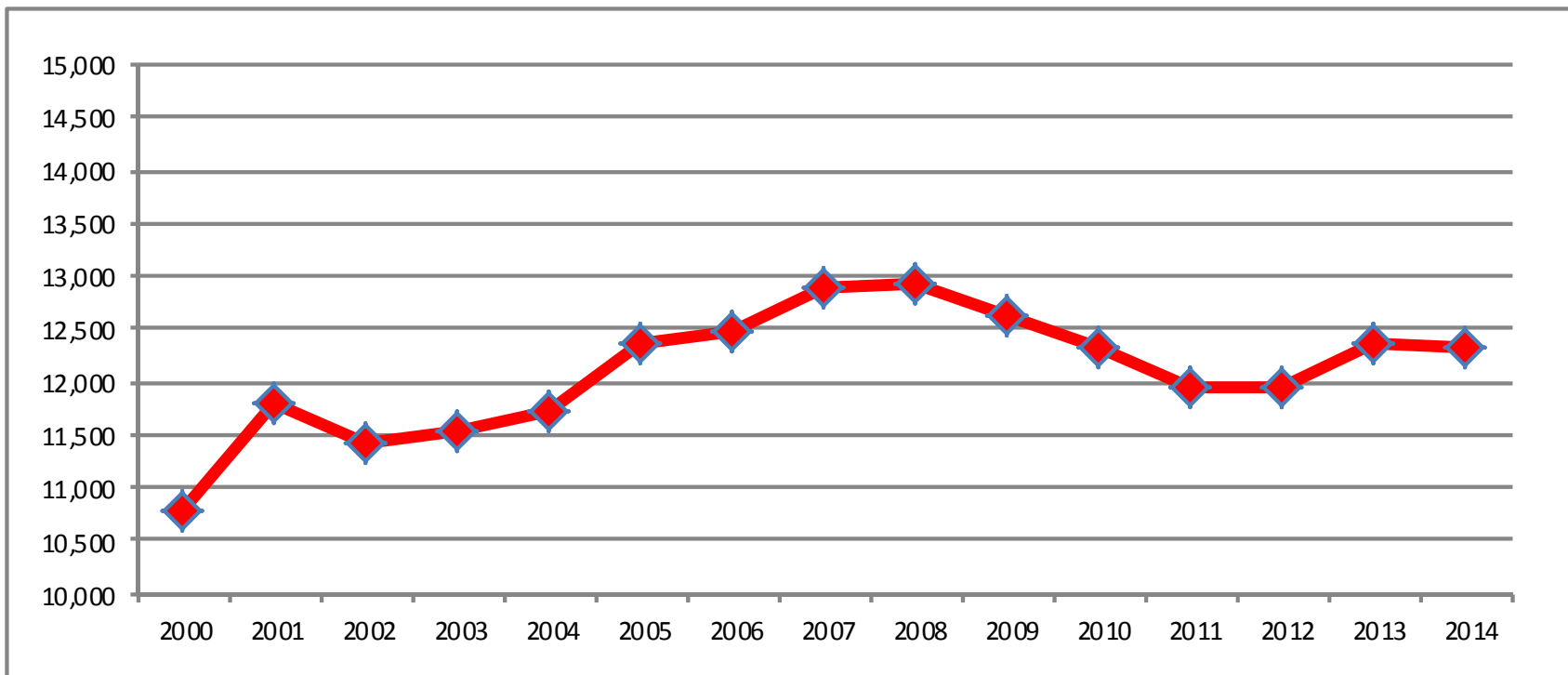


Fall 2014 New Freshmen to USM





New Freshmen Overview: Cohort Stabilizes after 4 Years of Decline





Recent Maryland Seniors High School Graduates Remain Strong,...

- 49,665 Maryland HS seniors completed the SAT test
- 38,983 earned B (3.00 or above) high school GPA
- 24,000+ (50%) scored 500 or above on Math
 - 29,538 finished four or more math courses
 - Less likely to need developmental courses
- 24,000+ (50%) scored 500 or above on Reading



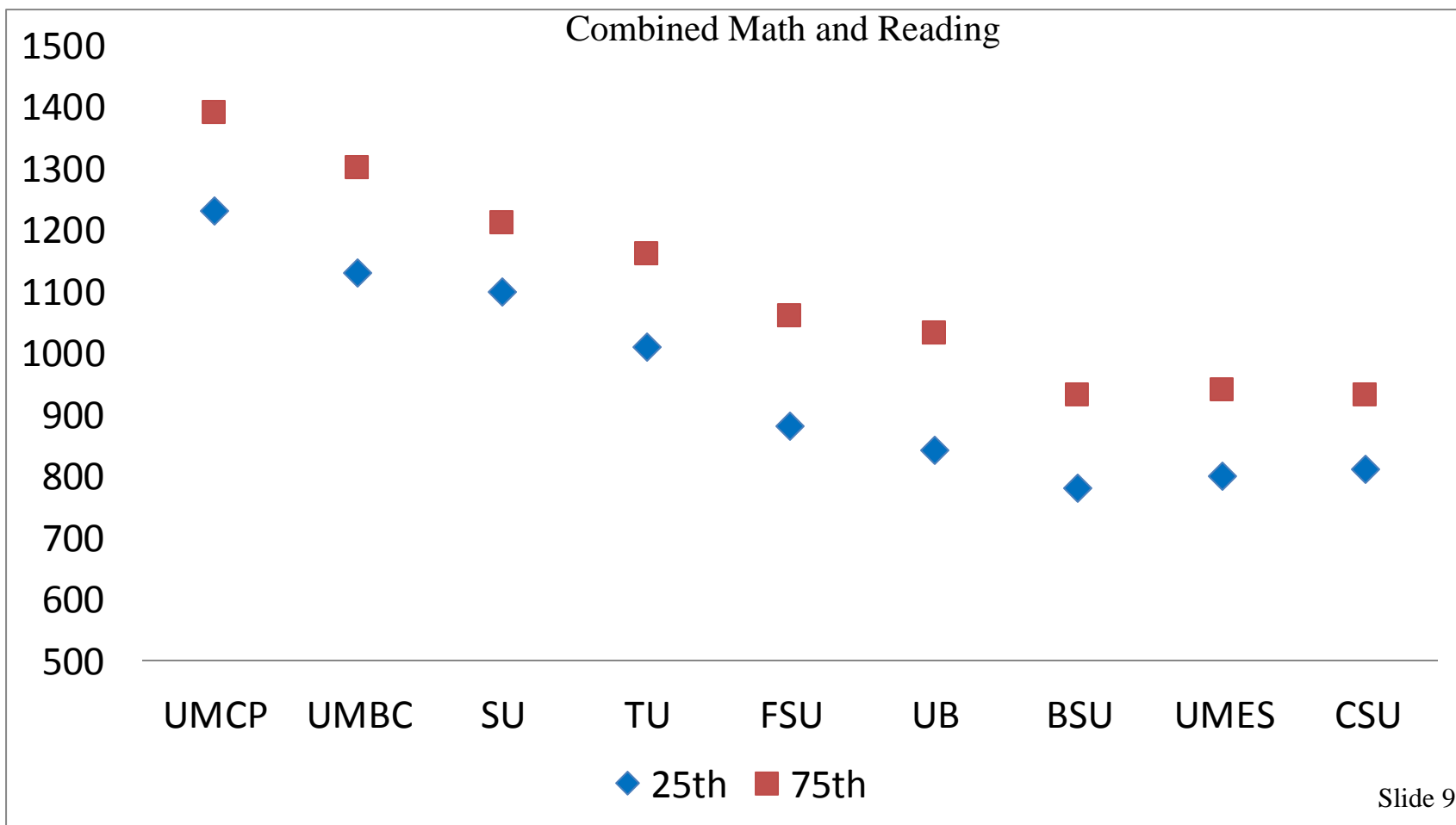
Half of Maryland Seniors Sent Scores to USM Institutions

- 24,637 Maryland HS seniors sent SAT scores to USM
- 21,417 earned B (3.00 or above) high school GPA
- 15,329 (62%) scored 500 or above on Math
 - 16,978 finished four or more math courses
- 14,979 (61%) scored 500 or above on Reading



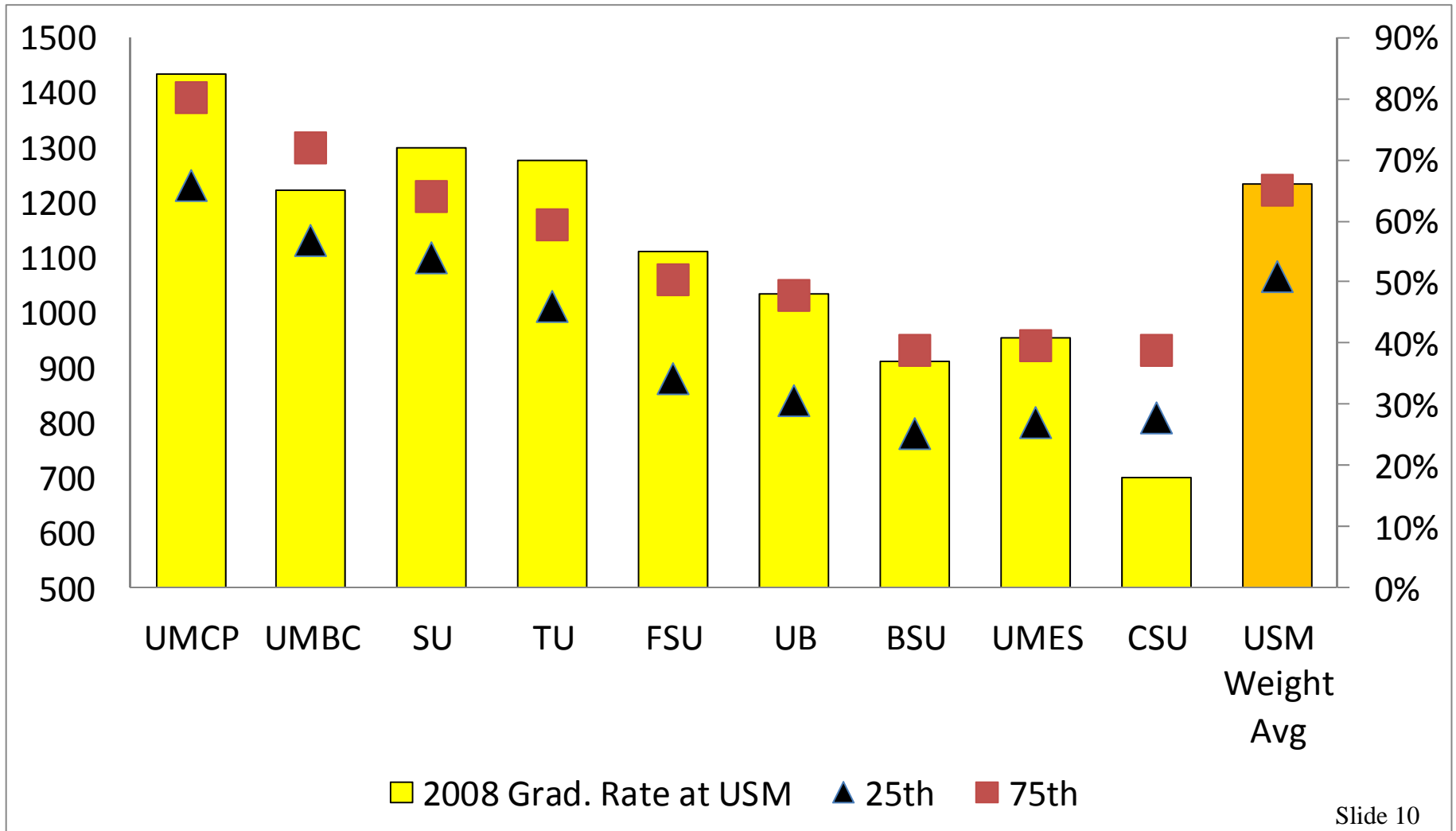
SAT Scores of New Freshmen Varies Across Institutions

SAT Percentiles for 2014





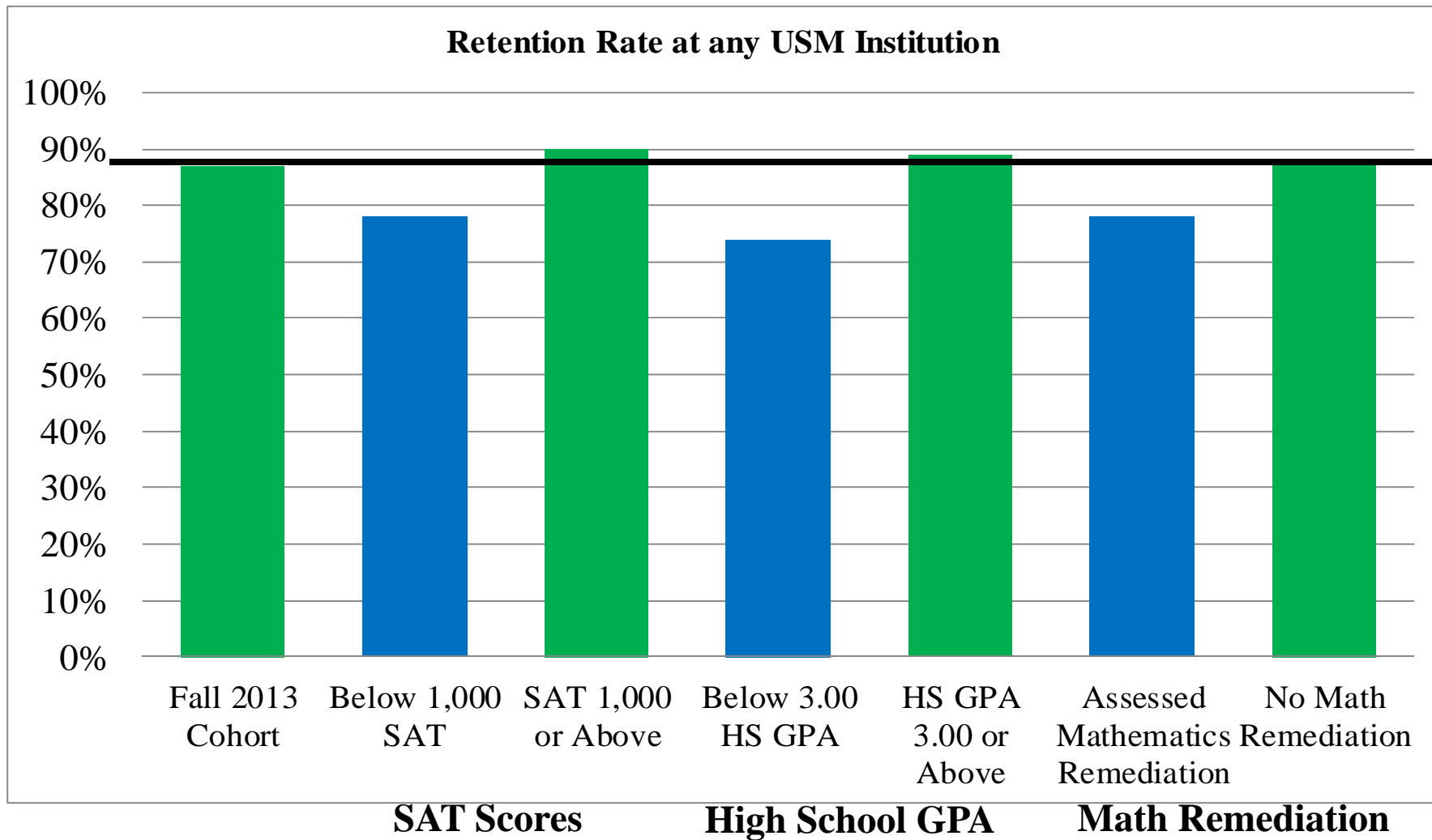
...But Correlates Strongly with Institutional Graduation Rates



Graduated at Any USM Institution



Preparedness Also Correlates Strongly with Retention Rates





New Freshmen Policy Implications for Consideration

- Factors that affect input increases
 - Competition
 - Resources (housing, significant financial aid, student services, etc.)
 - Reputation
- Factors that affect retention
 - SAT
 - HS GPA
 - Math Remediation



NEW TRANSFERS



Transfer Pipeline USM

MDCC to USM Institutions
11,182

Out-of-State & Other Institutions
to USM Institutions
12,173

USM FY 2014 Transfer 23,355
UMUC: 9,636
UMCP: 3,700
Towson: 3,358
UMBC: 1,866
Salisbury: 1,223
UoB: 958
Frostburg: 768
Bowie: 726
UMB: 409
Coppin: 408
UMES: 303



MDCC Transfer Pipeline USM

MDCC to USM Institutions
11,182

USM FY 2014 MDCC Transfer 11,182
UMUC: 2,574
UMCP: 2,234
Towson: 2,142
UMBC: 1,351
Salisbury: 730
UoB: 630
Frostburg: 476
Bowie: 310
UMB: 298
Coppin: 256
UMES: 181

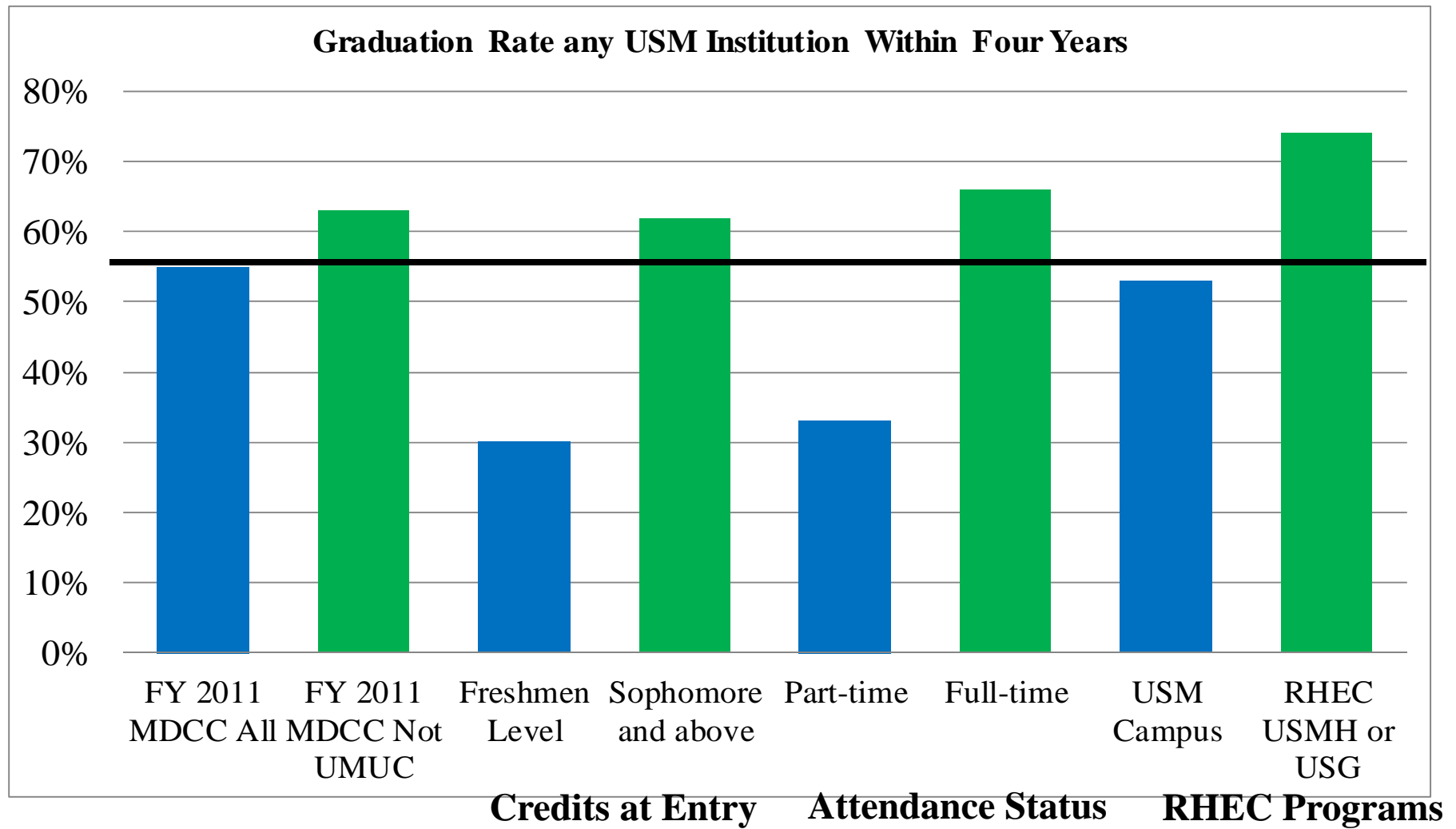


Positive Trends for Quality Input of MDCC Transfers...

- Moving in the right direction:
 - Positive increase in full-time attendance
 - Positive decrease in MDCC transfers who enter as freshmen
- Enrolling in generally available programs
 - Business and management, social sciences (psychology), computer and information science, education and health professions, public affairs (criminology)



...Translating into Greater Success Among Transfer Population



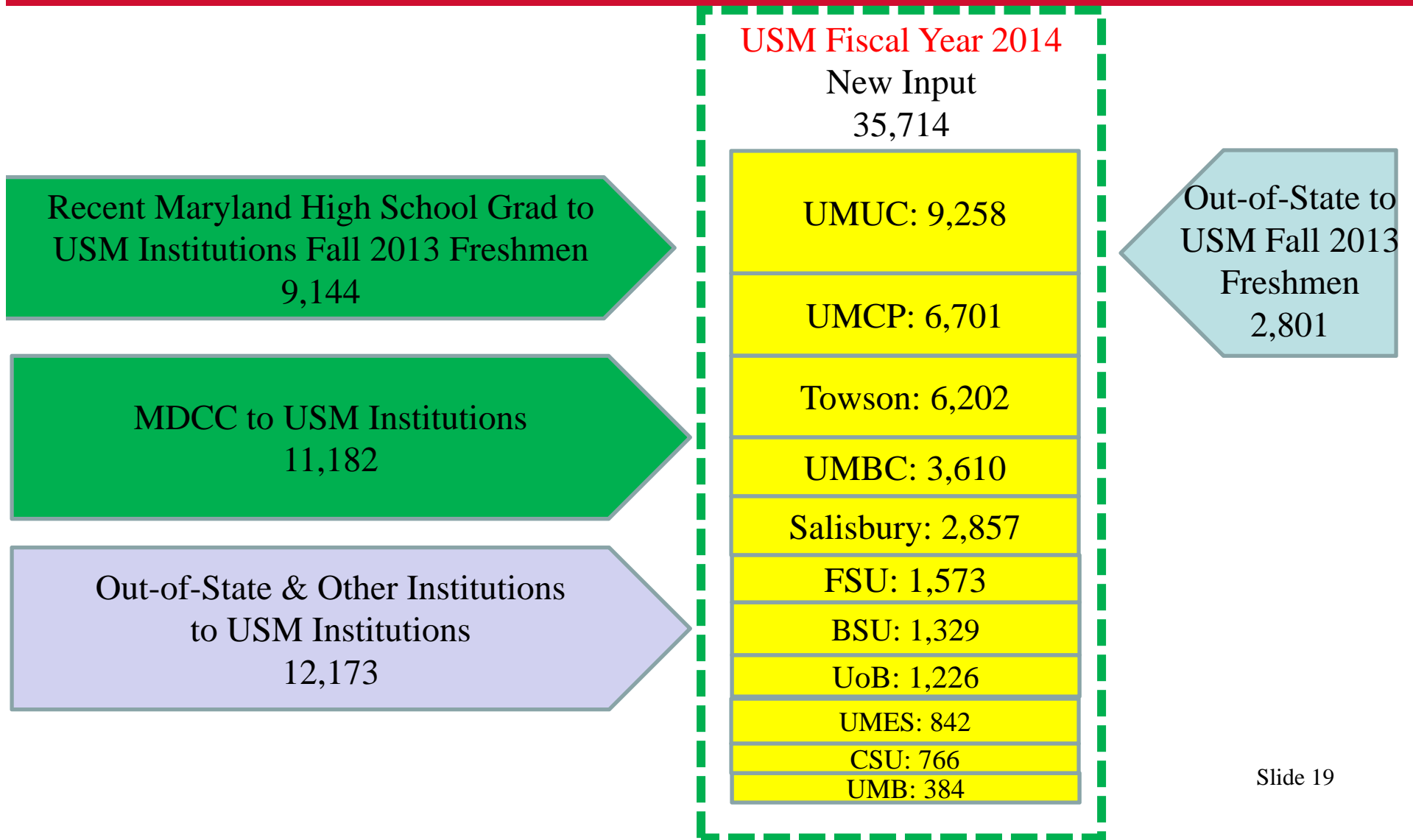


Transfer Policy Implications for Consideration

- Strategic program expansion at Regional Centers
- Increase number of completed credits before transferring
- Financial support to help more students attend full-time

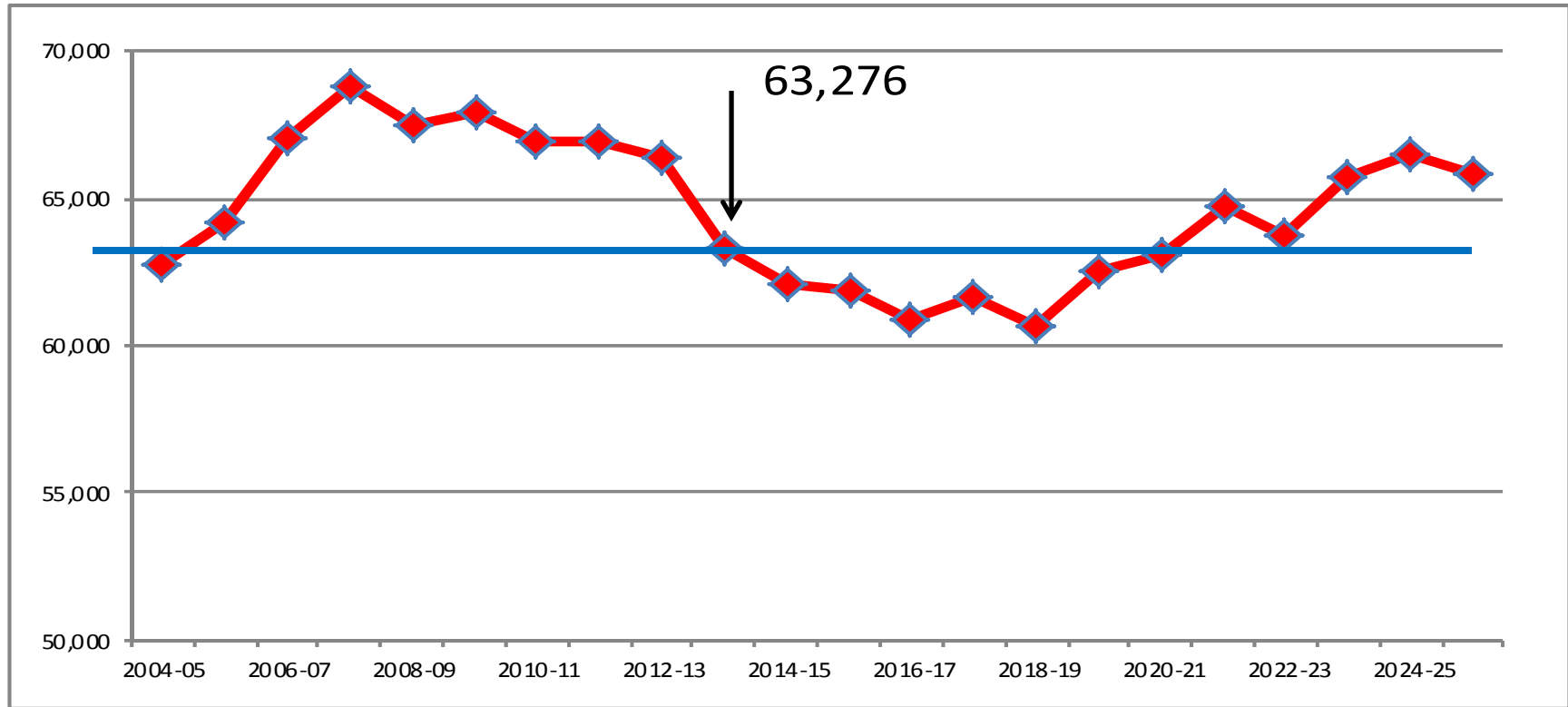


FY 14 Summary of All Pipelines to USM



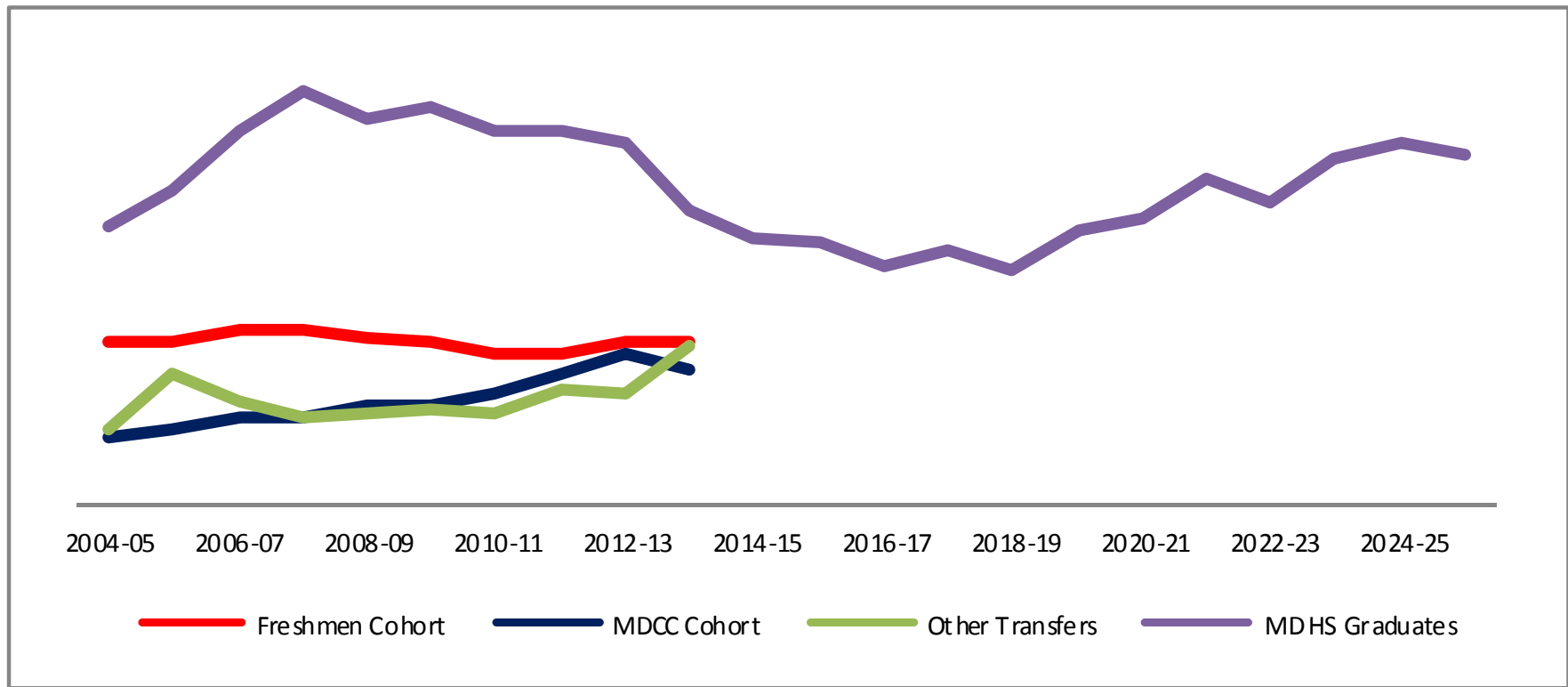


Maryland High School Graduates





Maryland High School Graduates Changes— Freshmen Remain Steady; Transfers Increase



*Chart vertical axis truncated to show headcount changes



Enrollment Projections

WHERE ARE WE GOING?

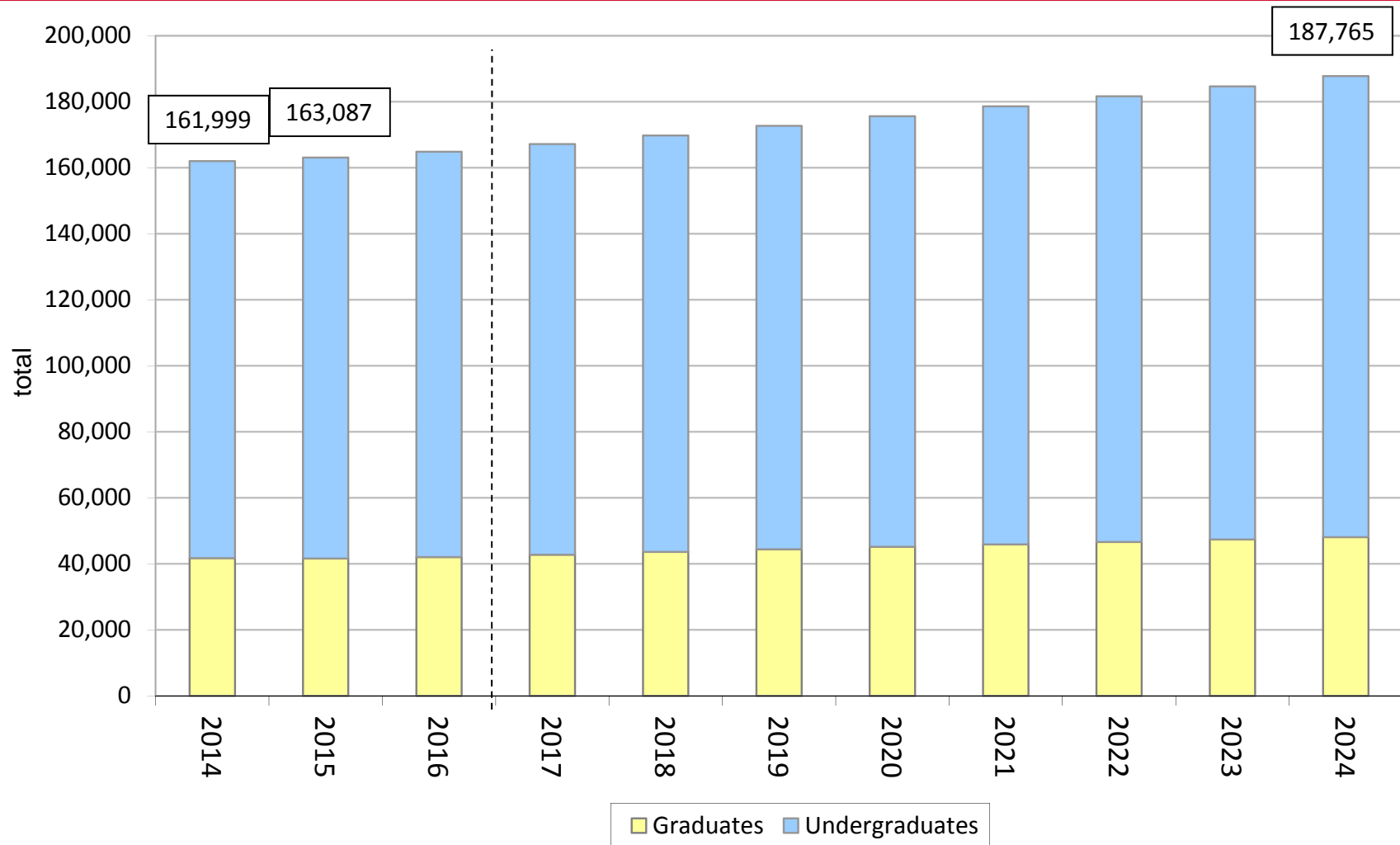


Enrollment Projections are Important

- USM and Maryland's College Attainment Goal(s):
 - Expand Access & Success
- Impacts Other USM Planning Efforts
 - Capital Planning Process (Long-term)
 - Student Support Needs (Middle-Term)
 - Operating Budget Development (Short-Term)
- Informs:
 - MHEC Statewide Projection Process

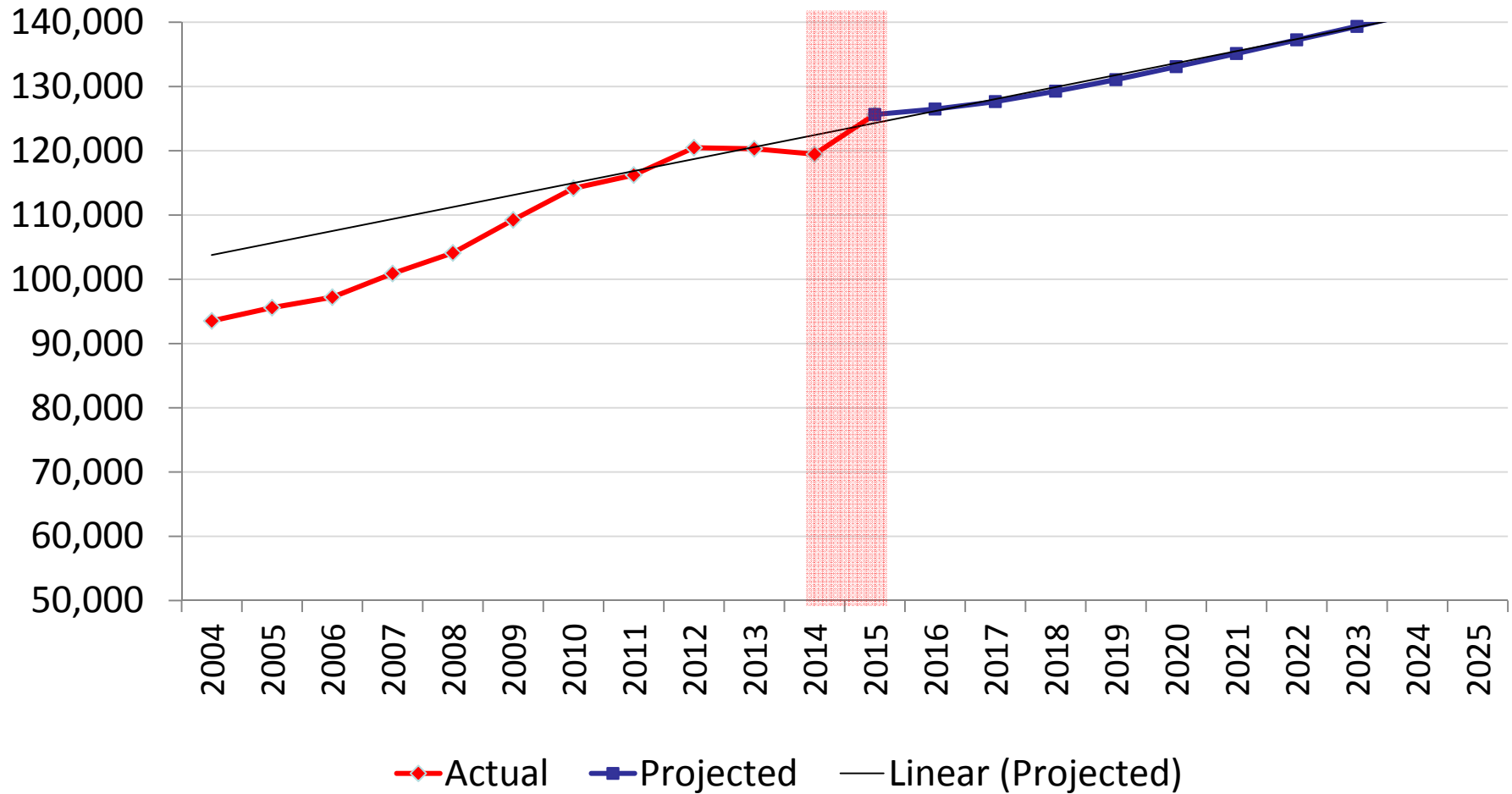


Ten Year Institutional Projections Summary



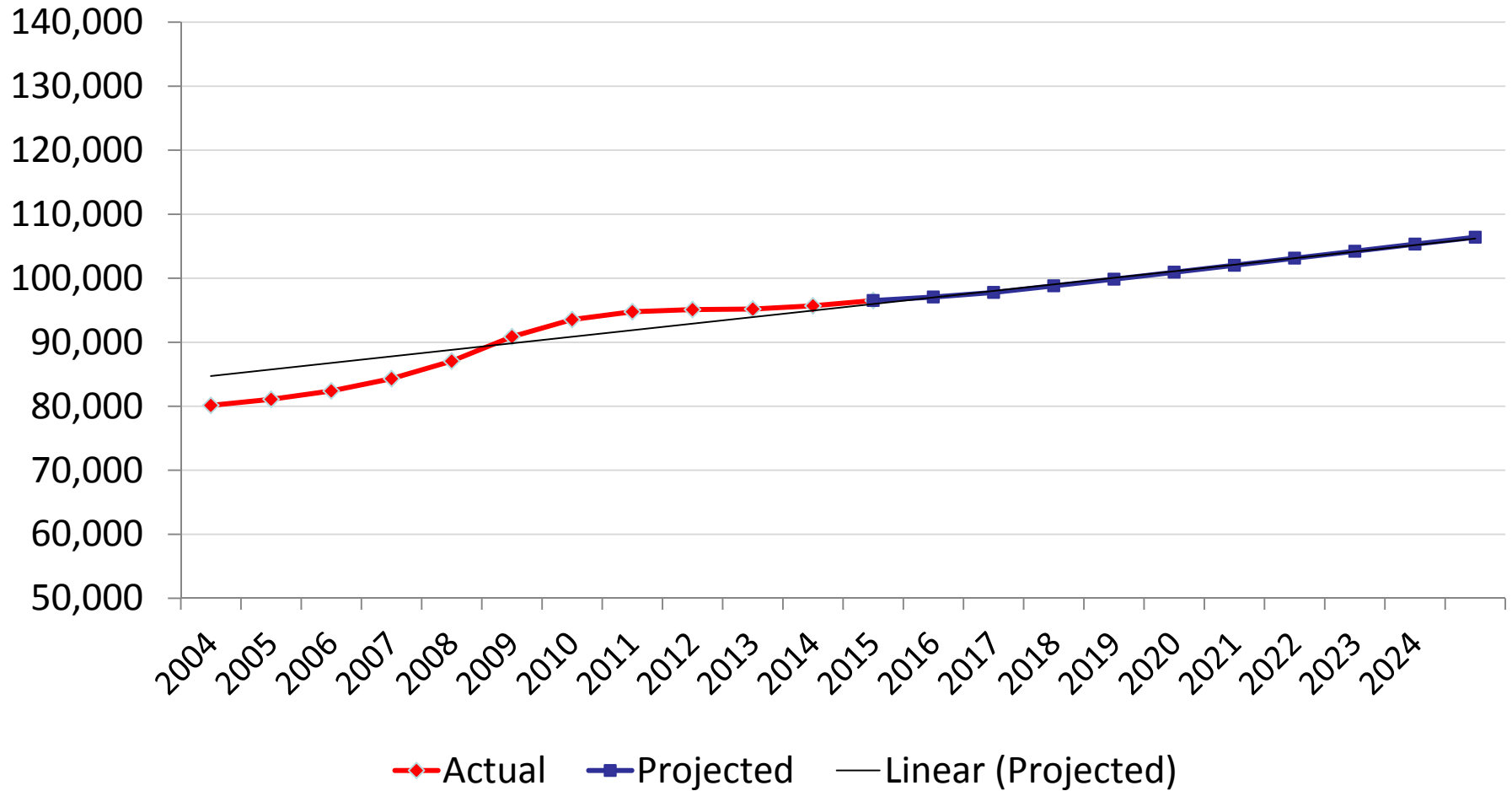


Change in USM FTE Enrollment History and Projection





Change in USM FTE Enrollment History and Projection without UMUC





Sources of Growth in Degree Production

How can institutions increase degrees?

