**TOPIC:** Overview of Undergraduate Enrollment, Persistence, and Success at the University System of Maryland

**COMMITTEE:** Education Policy and Student Life

**DATE OF COMMITTEE MEETING:** March 11, 2014

**SUMMARY:** The PowerPoint entitled “Comprehensive Review of the Undergraduate Student Pipeline” makes reference to information from the following 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 System of Maryland: Patterns of Enrollment and Success; and

**ALTERNATIVE(S):** This report is for information only.

**FISCAL IMPACT:** This report is for information only.

**CHANCELLOR’S RECOMMENDATION:** This report is for information only.

**COMMITTEE RECOMMENDATION:** Information Only

**BOARD ACTION:**

**DATE:** March 11, 2014

**SUBMITTED BY:** Joseph F. Vivona 301-445-1923 jvivona@usmd.edu
A Comprehensive Review of the Undergraduate Student Pipeline

Presentation to Education Policy and Student Life Committee
March 11, 2014

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

Overview—

- Approaching mid-term progress on FY 2020 strategic goals
- Reports show “where we are now” and “where we are going”
- Common themes/connections between the reports
  - College readiness & demography
  - Historical degree production & strategies for increased attainment
  - Impact on enrollment growth and outcomes
- Policy implications
  - Strategic expansion of academic programs
  - More targeted transfer and financial aid policies
  - Enhanced utilization of regional centers
  - Funding
Where We Are Now:
Current Data and Outcomes

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 2013-2022

Highlights three major undergraduate pipelines:

- New freshmen (Fall only)
  - Academic profile (SAT) and level of success
- Maryland community college transfers (Fiscal Year)
  - Areas of origin and level of success
- Other new transfers (Fiscal Year)
New Freshmen Pipeline STATE-WIDE

2012-13
MD High School Grads: 66,351

Marylanders to Maryland Institutions 29,500

State of Maryland Freshmen Fall 2013 37,000

MDCC: 16,100
USM: 12,360
MICUA: 7,300
MSU & SMCM: 1,200

Out-of-Staters to Maryland Institutions 7,500

Marylanders to Out-of-State Institutions 15,500

~21,500??? Did not Attend? Work?

New Freshmen Pipeline USM

2012-13
MD HS Grads: 66,351

Marylanders to USM Institutions 9,477

UMCP: 4,011
Towson: 2,747
UMBC: 1,653
Salisbury: 1,241
Frostburg: 889
Bowie: 625
UMES: 604
Coppin: 353
UoB: 236

USM Fall 2013 FTFT Freshmen Class 12,360

Out-of-Staters to USM Institutions 2,882
New Freshmen Overview: Cohort Increases after 4 Years of Decline

Academic Strength of Maryland Potential
New Freshmen Remains Strong...

- 34,208 Maryland HS seniors took SAT
- 17,000 (50%) had scores above 500 on Math
  – Less likely to need developmental courses
- 29,000 (85%) had B or above high school GPA
- 11,400 (33%) indicated interest in STEM or Health Professions
Academic Profile of New Freshmen Varies Across the System...

SAT Percentiles for 2013
Combined Math and Reading

...And Correlates Strongly with Institutional Graduation Rates
New Freshmen Policy Implications for Consideration

- Most cost-effective way to improve freshmen output is closing the achievement gap
  - +700 degrees potential
- Factors that affect input increases
  - Competition
  - Resources (housing, significant financial aid, student services, etc.)
  - Strategic academic program availability

+3 new enrolled = +2 degrees potential

NEW TRANSFERS
Transfer Pipeline USM

MDCC to USM Institutions
11,882

Out-of-State & Other Institutions to USM Institutions
10,007

USM FY 2013 Transfer
21,889

UMUC: 9,258
Towson: 3,455
UMCP: 2,690
UMBC: 1,957
Salisbury: 1,116
UoB: 990
Bowie: 704
Frostburg: 684
Coppin: 413
UMB: 384
UMES: 238

MDCC Transfer Pipeline USM

MDCC to USM Institutions
11,882

USM FY 2013 MDCC Transfer
11,882

Towson: 2,848
UMUC: 2,840
UMCP: 1,930
UMBC: 1,418
Salisbury: 841
UoB: 690
Frostburg: 412
Bowie: 353
Coppin: 238
UMB: 177
UMES: 135
Transfer Student Overview: Numbers Up Overall...

- Total Transfers: 21,889 (up 8% since 2009)
- 11,882 transfers from MDCCs (up 8% since FY 12)
- 76% MDCC transfers go to 4 USM institutions
- Outer suburbs of Balt-Wash are growing the fastest
  - Harford, Carroll, Frederick, College of Southern Maryland, Chesapeake
  - Regional Centers

With Positive Trends for Quality Outcomes 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

Graduation Rate any USM Institution Within Four Years

- FY 2010 MDCC All
- Sophomore and above Freshmen Level
- Full-time
- Part-time
- USG
- Hagerstown

Credits at Entry | Attendance Status | RHEC Rates

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

Degree Increase Potential: +750 on Current Base
FY 13 Summary of All Pipelines to USM

Recent Maryland High School Grad to USM Institutions Fall 2012 Freshmen 9,144

MDCC to USM Institutions 11,882

Out-of-State & Other Institutions to USM Institutions 10,007

USM Fiscal Year 2013
New Input 33,834

UMUC: 9,258
UMCP: 6,701
Towson: 6,202
UMBC: 3,610
Salisbury: 2,857
FSU: 1,573
BSU: 1,329
UoB: 1,226
UMES: 842
CSU: 766
UMB: 384
FSU: 1,573
UMUC: 9,258

Out-of-State to USM Fall 2012 Freshmen 2,801

Relative Size of Freshmen to Transfers is Changing

Note: First-time full-time freshmen as of the fall term
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
Institutional Projections
USM Projections and 55% Educational Attainment

Nearly 15,000 less undergraduates in 2020 than in Optimal Plan

Sources of Growth in Degree Production
How can institutions increase degrees?

Input Driven
UMCP
UMBC
SU
TU
UMB

Retention Driven
Freshmen input
FSU
UB
BSU
UMES

Transfer input
CSU

Slide 27
Slide 28
Sources of Growth in Degree Production
Which institutions plan to grow?

The Statewide Completion Gap
Where is Maryland Headed?