

Exhibit A

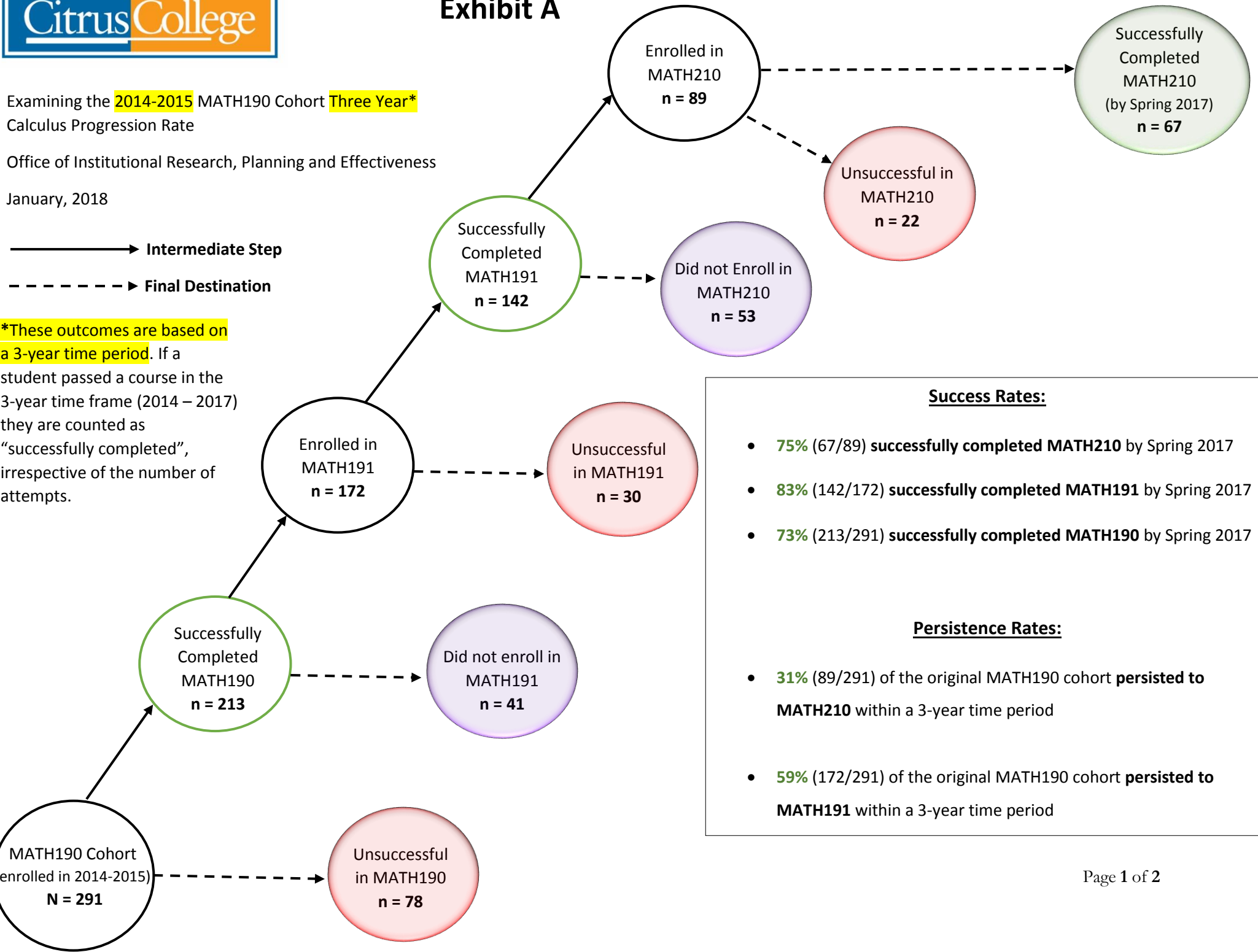
Examining the **2014-2015** MATH190 Cohort **Three Year***
Calculus Progression Rate

Office of Institutional Research, Planning and Effectiveness

January, 2018

—————▶ **Intermediate Step**
- - - - -▶ **Final Destination**

***These outcomes are based on a 3-year time period.** If a student passed a course in the 3-year time frame (2014 – 2017) they are counted as “successfully completed”, irrespective of the number of attempts.



Success Rates:

- **75%** (67/89) **successfully completed MATH210** by Spring 2017
- **83%** (142/172) **successfully completed MATH191** by Spring 2017
- **73%** (213/291) **successfully completed MATH190** by Spring 2017

Persistence Rates:

- **31%** (89/291) of the original MATH190 cohort **persisted to MATH210** within a 3-year time period
- **59%** (172/291) of the original MATH190 cohort **persisted to MATH191** within a 3-year time period

Success or Enrollment: Where does the issue of progression lie?

- **27%** (78/291) of the MATH190 cohort were unsuccessful in MATH190
- **14%** (41/291) of the MATH190 cohort did not enroll in MATH191 even though they were eligible to enroll
- **10%** (30/291) of the MATH190 cohort were successful in MATH190 but unsuccessful in MATH191
- **18%** (53/291) of the MATH190 cohort did not enroll in MATH210 by Spring 2017 even though they were eligible to enroll
- **8%** (22/291) of the MATH190 cohort were successful in MATH190 and MATH191 but unsuccessful in MATH210
- **23%** (67/291) of the MATH190 cohort successfully completed the Calculus sequence (MATH190, MATH191, and MATH210)

100% of the MATH190 cohort accounted for

Exhibit B

Examining the **2015-2016** MATH190 Cohort **Two Year***
Calculus Progression Rate

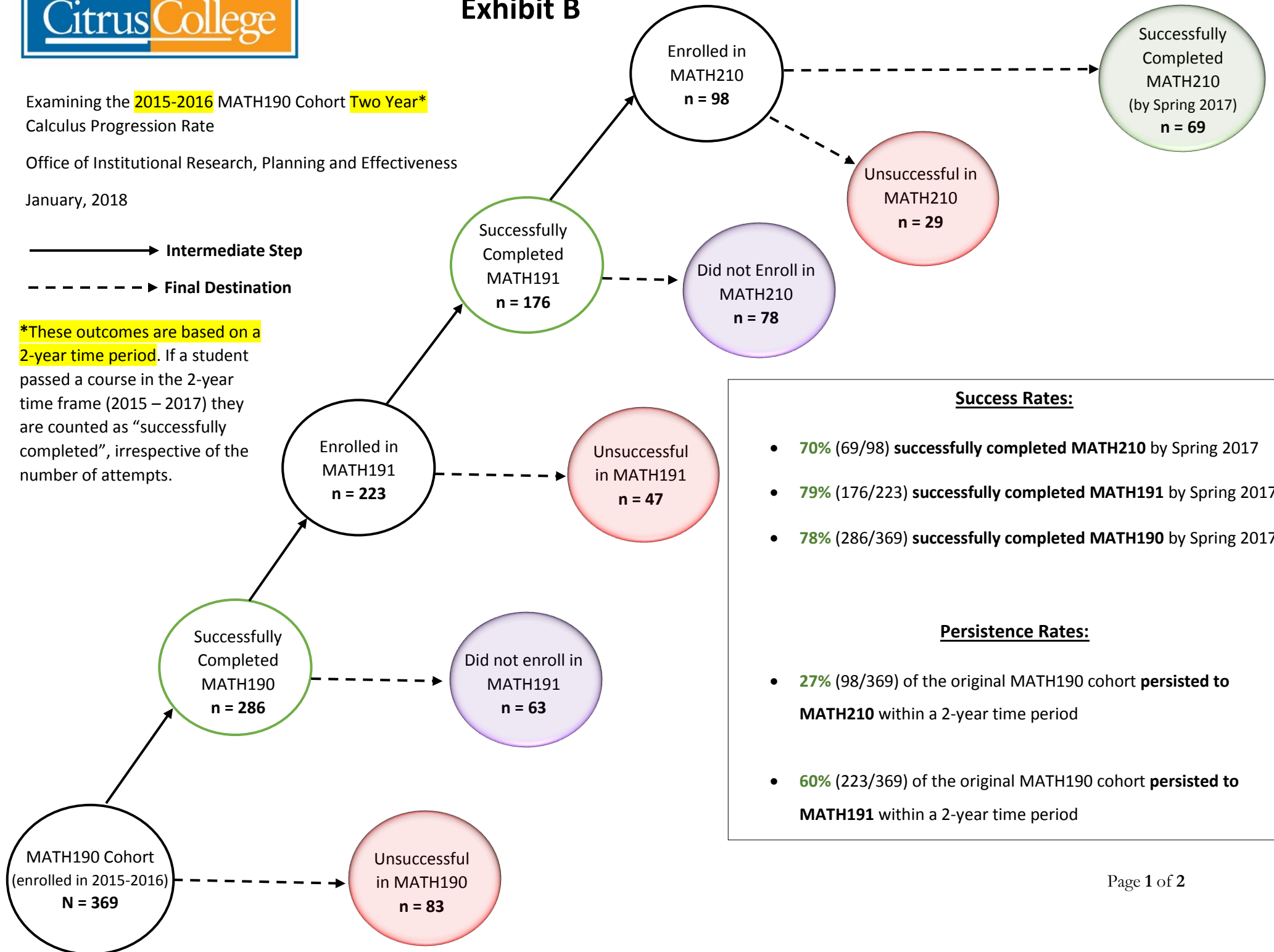
Office of Institutional Research, Planning and Effectiveness

January, 2018

—————▶ **Intermediate Step**

- - - - -▶ **Final Destination**

***These outcomes are based on a 2-year time period.** If a student passed a course in the 2-year time frame (2015 – 2017) they are counted as “successfully completed”, irrespective of the number of attempts.



Success Rates:

- **70%** (69/98) **successfully completed MATH210** by Spring 2017
- **79%** (176/223) **successfully completed MATH191** by Spring 2017
- **78%** (286/369) **successfully completed MATH190** by Spring 2017

Persistence Rates:

- **27%** (98/369) of the original MATH190 cohort **persisted to MATH210** within a 2-year time period
- **60%** (223/369) of the original MATH190 cohort **persisted to MATH191** within a 2-year time period

Success or Enrollment: Where does the issue of progression lie?

- **22%** (83/369) of the MATH190 cohort were unsuccessful in MATH190
- **17%** (63/369) of the MATH190 cohort did not enroll in MATH191 even though they were eligible to enroll
- **13%** (47/369) of the MATH190 cohort were successful in MATH190 but unsuccessful in MATH191
- **21%** (78/369) of the MATH190 cohort did not enroll in MATH210 by Spring 2017 even though they were eligible to enroll
- **8%** (29/369) of the MATH190 cohort were successful in MATH190 and MATH191 but unsuccessful in MATH210
- **19%** (69/369) of the MATH190 cohort successfully completed the Calculus sequence (MATH190, MATH191, and MATH210)

100% of the MATH190 cohort accounted for

Exhibit C

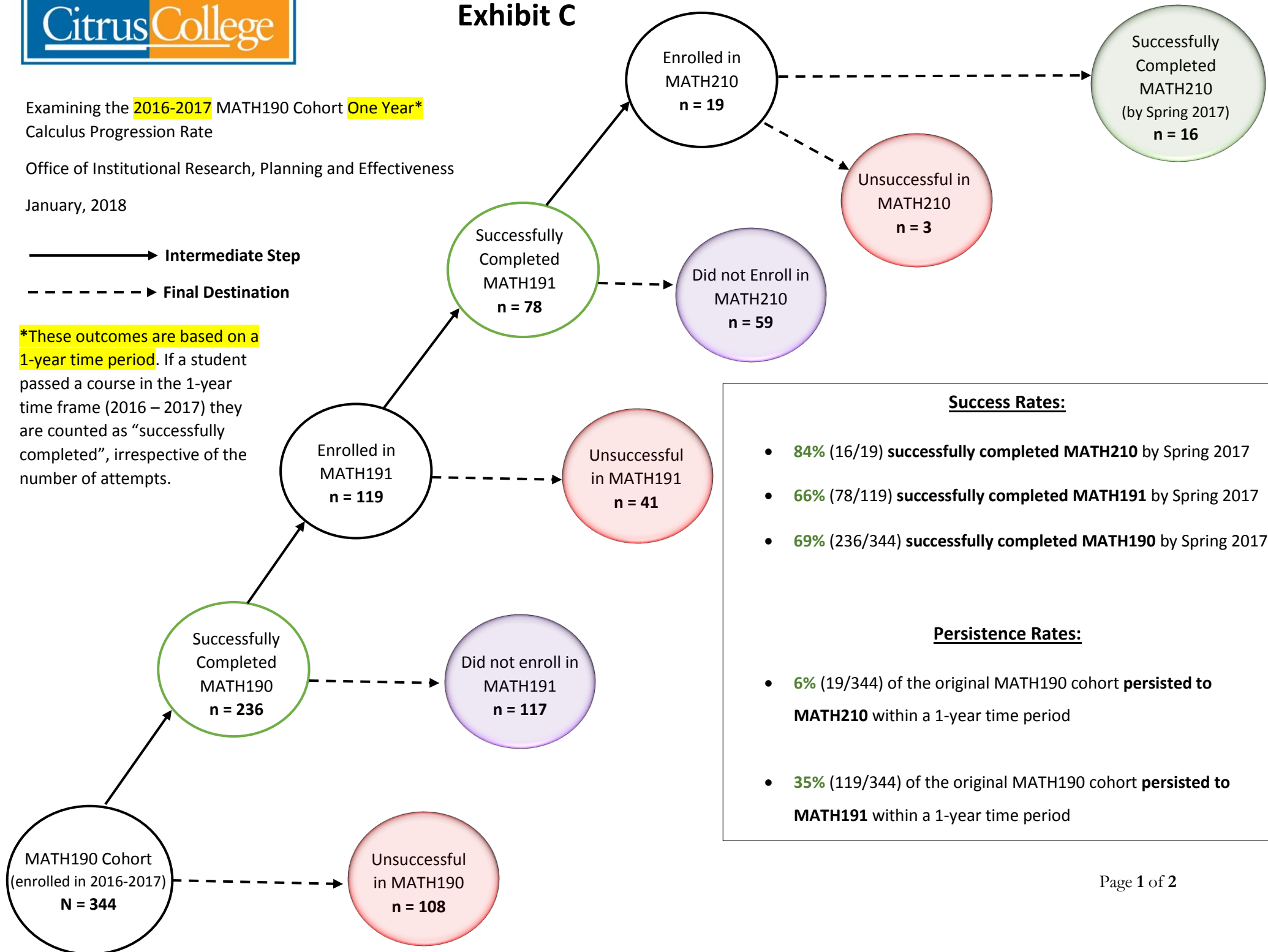
Examining the 2016-2017 MATH190 Cohort One Year*
Calculus Progression Rate

Office of Institutional Research, Planning and Effectiveness

January, 2018

—————▶ **Intermediate Step**
- - - - -▶ **Final Destination**

*These outcomes are based on a 1-year time period. If a student passed a course in the 1-year time frame (2016 – 2017) they are counted as “successfully completed”, irrespective of the number of attempts.



Success Rates:

- **84%** (16/19) **successfully completed MATH210** by Spring 2017
- **66%** (78/119) **successfully completed MATH191** by Spring 2017
- **69%** (236/344) **successfully completed MATH190** by Spring 2017

Persistence Rates:

- **6%** (19/344) of the original MATH190 cohort **persisted to MATH210** within a 1-year time period
- **35%** (119/344) of the original MATH190 cohort **persisted to MATH191** within a 1-year time period

Success or Enrollment: Where does the issue of progression lie?

- **31%** (108/344) of the MATH190 cohort were unsuccessful in MATH190
- **34%** (117/344) of the MATH190 cohort did not enroll in MATH191 even though they were eligible to enroll
- **12%** (41/344) of the MATH190 cohort were successful in MATH190 but unsuccessful in MATH191
- **17%** (59/344) of the MATH190 cohort did not enroll in MATH210 by Spring 2017 even though they were eligible to enroll
- **1%** (3/344) of the MATH190 cohort were successful in MATH190 and MATH191 but unsuccessful in MATH210
- **5%** (16/344) of the MATH190 cohort successfully completed the Calculus sequence (MATH190, MATH191, and MATH210)

100% of the MATH190 cohort accounted for