

Student Equity Data: Course Completion

B. Math 107 Successful Course Completion Rates

Aggregated Data for Academic Years 2014-15, 2015-16 and 2016-17

*Highlighted student groups were disproportionately less likely to complete course.

| Gender | Cohort Count | Success Count | Success Rate | Percentage Point Gap |
|--------------|--------------|---------------|--------------|----------------------|
| Female | 845 | 426 | 50.4% | 3 |
| Male | 630 | 281 | 44.6% | -3 |
| Unknown | 20 | 6 | 30.0% | -18 |
| Total | 1,495 | 713 | 47.7% | |

| Ethnicity | Cohort Count | Success Count | Success Rate | Percentage Point Gap |
|------------------|--------------|---------------|--------------|----------------------|
| African-American | 86 | 25 | 29.1% | -19 |
| Asian | 98 | 51 | 52.0% | 4 |
| Filipino | 48 | 26 | 54.2% | 6 |
| Latino | 635 | 277 | 43.6% | -4 |
| Native American | ~ | ~ | ~ | ~ |
| Pacific Islander | ~ | ~ | ~ | ~ |
| White | 520 | 286 | 55.0% | 7 |
| Multi-Ethnic | 89 | 37 | 41.6% | -6 |
| Unknown | ~ | ~ | ~ | ~ |
| Total | 1,495 | 713 | 47.7% | |

| Disability Status | Cohort Count | Success Count | Success Rate | Percentage Point Gap |
|-----------------------------|--------------|---------------|--------------|----------------------|
| No Disability | 1,241 | 612 | 49.3% | 2 |
| <u>Person w/ Disability</u> | <u>254</u> | <u>101</u> | <u>39.8%</u> | <u>-8</u> |
| Acquired Brain Injury | ~ | ~ | ~ | ~ |
| Attention Deficit ADHD | ~ | ~ | ~ | ~ |
| Autism Spectrum | ~ | ~ | ~ | ~ |
| Hearing Impaired | ~ | ~ | ~ | ~ |
| Intellectual Disability | ~ | ~ | ~ | ~ |
| Learning Disabled | 77 | 27 | 35.1% | -13 |
| Mental Health Disability | 48 | 26 | 54.2% | 6 |
| Mobility Impaired | ~ | ~ | ~ | ~ |
| Other Disability | 92 | 32 | 34.8% | -13 |
| Speech/Language Impaired | ~ | ~ | ~ | ~ |
| Visually Impaired | ~ | ~ | ~ | ~ |
| Total | 1,495 | 713 | 47.7% | |

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| Foster Youth Status | Cohort Count | Success Count | Success Rate | Percentage Point Gap |
|---------------------|--------------|---------------|--------------|----------------------|
| Not Foster Youth | 1,454 | 702 | 48.3% | 1 |
| Foster Youth | 41 | 11 | 26.8% | -21 |
| Total | 1,495 | 713 | 47.7% | |

| Low-Income Status | Cohort Count | Success Count | Success Rate | Percentage Point Gap |
|-------------------|--------------|---------------|--------------|----------------------|
| Not Low Income | 736 | 325 | 44.2% | -4 |
| Low Income | 759 | 388 | 51.1% | 3 |
| Total | 1,495 | 713 | 47.7% | |

| Veterans Status | Cohort Count | Success Count | Success Rate | Percentage Point Gap |
|-----------------|--------------|---------------|--------------|----------------------|
| Non-Veteran | 1,371 | 633 | 46.2% | -2 |
| Veteran | 124 | 80 | 64.5% | 17 |
| Total | 1,495 | 713 | 47.7% | |

Note: Includes enrollment and outcomes data for MATH 107, 107A, 107B, 107X, and 107Y courses.

~The minimum sample size is 20. Sample sizes fewer than 20 are not shown, but are included in the total.

Cohort: Students enrolled in the Fall and Spring semesters in academic years 2014-15, 2015-16, and 2016-17.

Outcome: Successful Course Completion Rate is the percentage of students receiving a passing grade ('A', 'B', 'C', 'CR', or 'P') relative to all students receiving a grade.

Percentage Point Gap: The difference between the success rate of the disaggregated subgroup compared to the success rate of all students for a specific outcome. A '-6 percentage point gap or greater' suggests that the subgroup may be disproportionately impacted.

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| Equity Gap | Student Group | Gap in comparison to the Average (%) | Course enrollments (All Cohorts) | # of Cohorts | Gap (decimal) | Multiply (X) | the average # of courses students enrolled in & were present in on census day | = | Annual Number of Students "Lost" |
|----------------|----------------------|--------------------------------------|----------------------------------|--------------|---------------|--------------|---|---|----------------------------------|
| | | <i>A</i> | <i>B</i> | <i>C</i> | <i>A</i> | <i>x</i> | <i>B/C</i> | = | <i>D</i> |
| Largest Gap | Foster Youth | -21 | 48 | 3 | 0.21 | x | 16 | = | 3 |
| Second Largest | African-American | -19 | 86 | 3 | 0.19 | x | 29 | = | 5 |
| Third Largest | Person w/ Disability | -8 | 254 | 3 | 0.08 | x | 85 | = | 7 |

Notes: Column *B* is the enrollment count of all aggregated cohorts for each student group; column "*B/C*" is the average enrollments for one academic year (enrollment count/ # of cohorts), as of census day. The annual number of students lost (*D*) is the number of student enrollments which, if successfully completed, would have closed the equity gap.