

Transfer-Level English & Math Outcomes and Persistence Analysis

Spring 2020, Fall 2020, & Spring 2021

Prepared by
San Diego Miramar College
Office of Planning, Research, and Institutional Effectiveness
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Project Overview

AB 705, which took effect on January 1, 2018, clarified existing regulations to ensure that community college students are not placed into transfer-level college courses unless there is evidence that they are highly unlikely to succeed. To comply with the bill, Miramar College students who previously would have taken a pre-transfer basic skills course were able to enroll in a transfer-level course while concurrently attending a co-requisite support course. Classes with co-requisites are denoted with an X in the class number (e.g., ENGL 101X).

This project looks at cohorts of students who took ENGL 101, MATH 96, MATH 116, and MATH 119 in fall 2018, spring 2019, and fall 2019 to determine if there are differences in outcomes between students enrolled in classes with corequisites (those in “X” classes) and students enrolled without co-requisites (“non-X” classes). Metrics examined include success and retention rate in the cohort class, persistence rates within SDCCD, outcomes for persistent enrollments, the rate at which students repeated the cohort class, and outcomes for course repetitions.

Metrics for X and non-X cohorts from fall 2018, spring 2019, and fall 2019 were also compared to benchmark cohorts of students who took the same transfer-level courses at Miramar College in fall and spring terms from 2014/15 through 2016/17 (prior to the implementation of AB 705). Subject-level and course-level disproportionate impacts (DIs) compared to the benchmarks were identified for students overall and for students disaggregated by demographics.

Operational Definitions

Academic Standing: A student’s academic status for the term.

- **Good standing:** Not on probation/not disqualified.
- **Probation:** Includes academic probation (students whose GPA falls below a 2.0 after completion of 12 units at SDCCD) and progress probation (students who attempt a total of 12 or more units and do not complete the class for over 40% of those units).
- **Disqualified:** Includes academic disqualification (students on academic probation whose non-cumulative GPA falls below 2.0 in subsequent semester) and progress disqualification (students on progress probation whose cumulative incomplete enrollments reaches or exceeds 40% in the subsequent semester).

Benchmark: Benchmarking is the process of comparing the performance of the group being studied against the performance of a similar group. For example, using the college-wide population as a benchmark can determine if an intervention has been effective to improve the performance of a target group.

For this report, the benchmark cohort consists of students who took only the same class(es) as the target cohort at Miramar College in fall and spring terms from 2014/15 – 2016/17.

Course Repetition: A student repeating a course they had previously enrolled in. Repetition in the next spring/fall term, or in the summer term following a spring enrollment, is considered *term repetition*. Repetition within the next three terms is considered *annual repetition*.

Enrollment: The number of seats enrolled, or duplicated headcount. Drops, never attends, cancelled, and tutoring classes are excluded.

Disproportionate Impact (DI): Disproportionate impact occurs when a subset of students based on student characteristic such as age, race, and gender are unjustifiably experiencing lower outcomes (e.g., retention and success rates) compared to a benchmark. It is determined by the percentage point gap method.

Percentage Point Gap (PPG): A method to measure disproportionate impact by calculating difference in success indicator between the whole student population and subgroups and by taking into account group sizes. As groups sizes get smaller, the margin of error increases. For more information about the percentage point gap and margins of error by group size see: <https://www.cccco.edu/-/media/CCCCO-Website/About-Us/Divisions/Digital-Innovation-and-Infrastructure/Research/Files/PercentagePointGapMethod2017.ashx>

Persistent Enrollment: The number of seats enrolled, or duplicated headcount, by students who have taken a class at Miramar College in a prior term. Enrollment in the next spring/fall term, or in the summer term following a spring enrollment, is considered *term persistence*. Enrollment within the next three terms is considered *annual persistence*.

Persistence Rate: The percentage of students, unduplicated by headcount, who enroll again at SDCCD after having taken a course at Miramar College in a prior term.

Retention Rate: The percentage of students who complete a course with a grade of A, B, C, D, F, P, NP, I or RD out of total official census enrollments. Cancelled and tutoring classes are excluded.

Student Type: Categorization of student by the modality of the course(s) they took that term (day, evening, online, or a combination).

Success Rate: The percentage of students who complete a course with a grade of A, B, C, or P out of total official census enrollments. Tutoring, non-credit, and cancelled classes are excluded.

Findings

ENGL 101 and 101X Findings

| | |
|--|---|
| <p>ENGL 101X cohorts had:</p> <ul style="list-style-type: none"> - Lower retention rates than non X classes - Lower success rates than non X classes - Lower enrollment counts than non X classes | <p>ENGL 101 cohorts had:</p> <ul style="list-style-type: none"> - Higher retention and success rates than X classes - Higher retention and success rates than the Pre-AB705 and 2018-2019 benchmarks |
| <p>Both ENGL 101 and ENGL 101X cohorts had:</p> <ul style="list-style-type: none"> - Lower enrollment counts than the benchmark for Pre-AB705 data - Lower Retention rate and Success rate than the Pre-AB705 benchmark | |

MATH 96 and 96X Findings

| | |
|--|--|
| MATH 96X cohorts had: <ul style="list-style-type: none"> - Higher success rate than Math 96 cohort - Retention rates lower than the benchmark - Retention rate lower than Math 96 cohort | MATH 96 cohorts had: <ul style="list-style-type: none"> - Higher enrollment than non X classes - Higher retention rates than non X classes - Lower retention and success rates than the Pre-AB705 and 2018-2019 benchmarks |
| Both MATH 96 and 96X cohorts had: <ul style="list-style-type: none"> - Low enrollment number compared to both Pre-AB705 and 2018-2019 benchmarks | |

MATH 116 and 116X Findings

| | |
|---|--|
| MATH 116X cohorts had: <ul style="list-style-type: none"> - Overall lower retention and success rates than their MATH 116 counterparts - Success rates lower than both Pre-AB705 benchmark and 2018-2019 benchmark | MATH 116 cohorts had: <ul style="list-style-type: none"> - Higher retention and success rates in persistent enrollments than their MATH 116X counterpart - Higher success rates than the Pre-AB705 and 2018-2019 benchmarks |
| Both MATH 116 and 116X cohorts had: <ul style="list-style-type: none"> - Overall enrollment was below the Pre-AB705 benchmark, but greater than the 2018-2019 benchmark | |

MATH 119 and 119X Findings

| | |
|---|---|
| MATH 119X cohorts had: <ul style="list-style-type: none"> - Lower retention and success rates in persistent enrollments than their MATH 119 counterparts - Similar success rates compared to the 2018-2019 benchmark | MATH 119 cohorts had: <ul style="list-style-type: none"> - Higher success rates in cohort courses than their MATH 119X counterparts - Higher enrollment counts than X counterparts - Higher retention and success rates than the Pre-AB705 and 2018-2019 benchmarks |
| Both MATH 119 and 119X cohorts had: <ul style="list-style-type: none"> - Cohort retention rate higher than 50% - Overall enrollment was below the Pre-AB705 benchmark, but greater than the 2018-2019 benchmark | |

Disaggregation Summary

Age

- Most populous age group is the 18-24 group for all English and Math courses
- 17 and under age group was the most successful group
- 17 and under also had the greatest retention rate

Gender

- For Spring 2020 and Fall 2020, females had a higher success rates than males, until Spring 2021
- In Spring 2020, females had a higher retention rate, until Spring 2021, where both males and females had similar retention rates
- Females had a greater success rates than males in Math courses until Spring 2021

Ethnicity

- The most populous ethnicities were White, Latinx and Asian
- The ethnicities with the greatest success rates were Asian, Filipino/a and White
- Black/African American had the lowest success rates in both Math and English, followed by Latinx

Academic Standing

- Most students have good standing
- Students with good standing have a higher success rate than other standings

DSPS

- Most student have unknown DSPS statuses
- Students with unknown DSPS status have slightly greater retention and success rates

Generation

- Most students are either Non First Generation students or an unknown status
- Non First Generation and unknown status have slightly greater retention and success rates than DSPS students
- Overall, retention rates were greater than 80% for all groups

Foster Status

- Majority of students are not Foster Youth
- Retention rates were greater than 80% for both groups

Veteran Status

- Most students are not Veterans or Active Duty Military
- Success rates and retention rates were similar for both groups

Modality

- Spring 2020, most students were on campus
- Fall 2020 and Spring 2021, most students were online
- Success rates and retention rates were similar for all groups

Student Type

- Most students were either On-Campus/Online or Online Only for Fall 2020 and Spring 2021
- Spring 2020, most students were Day Only students
- Day Only had retention rates greater than 80%
- Unknown group was the least populous and had the lowest retention and success rates
-

ENGL 101 and ENGL 101X Outcomes and Persistence

Table 1 ENGL 101 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention Counts | | Cohort Retention Rate | | Cohort Success Counts | | Cohort Success Rate | |
|--|-------------------|-----------|-------------------------|-----------|-----------------------|-----------|-----------------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | 798 | 164 | 621 | 133 | 78% | 81% | 537 | 98 | 67% | 60% |
| Fall 2020 | 1234 | 164 | 1099 | 125 | 89% | 76% | 966 | 90 | 78% | 55% |
| Spring 2021 | 554 | 126 | 454 | 87 | 82% | 69% | 354 | 65 | 64% | 52% |
| Grand Total | 2586 | 454 | 2174 | 345 | 84% | 76% | 1857 | 253 | 70% | 56% |
| Benchmark k (Pre-AB705) | 3,770 | | 3,256 | | 86% | | 2,714 | | 72% | |
| Benchmark k (2018-19) | 2,606 | | 2,300 | | 89% | | 1,941 | | 76% | |
| Note. The pre-AB705 benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The 2018-19 benchmark consists of students who took ENGL 101 at Miramar College in fall and spring terms in 2018-19. | | | | | | | | | | |

Table 2 ENGL 101/101X Persistence Rates

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 537 | 98 | 10 | 17 | 2% | 17% | 17 | 23 | 3% | 23% |
| Failed | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Spring 2020 Total | 798 | 135 | 17 | 22 | 2% | 16% | 31 | 29 | 4% | 21% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 966 | 90 | 17 | 20 | 2% | 22% | 17 | 21 | 2% | 23% |
| Failed | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Fall 2020 Total | 1234 | 162 | 31 | 37 | 3% | 23% | 33 | 38 | 3% | 23% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 354 | 65 | 2 | 2 | 1% | 3% | 2 | 2 | 1% | 3% |
| Failed | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Spring 2021 Total | 554 | 126 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Grand Total | 2586 | 423 | 51 | 63 | 2% | 15% | 67 | 71 | 3% | 17% |
| Benchmark | | | | | | | | | | |
| Succeeded | 2,714 | | 1,138 | | 42% | | 1,422 | | 52% | |
| Failed | 1,056 | | 356 | | 34% | | 528 | | 50% | |
| Grand Total | 3,770 | | 1,494 | | 40% | | 1,950 | | 52% | |
| Note. A student is considered persistent if they took another English class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. | | | | | | | | | | |

Note: Persistence is tracked for students who succeeded in their original cohort class.

Note: For spring, enrollment in the following summer or fall is considered "next term." For fall, the next term is spring.

Table 3 ENGL 101/101X Term Persistent Enrollment Outcomes

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Term Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|---------------------|-----------|-------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 0 | 17 | 0 | 17 | 0% | 100% | 0 | 17 | 0% | 100% |
| Failed | 17 | 8 | 15 | 5 | 88% | 63% | 10 | 0 | 59% | 0% |
| Spring 2020 Total | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 0 | 20 | 0 | 20 | 0% | 100% | 0 | 20 | 0% | 100% |
| Failed | 31 | 18 | 21 | 7 | 68% | 39% | 17 | 0 | 55% | 0% |
| Fall 2020 Total | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Failed | 3 | 2 | 3 | 0 | 100% | 0% | 2 | 0 | 67% | 0% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 51 | 67 | 39 | 51 | 76% | 76% | 29 | 39 | 57% | 58% |
| Benchmark | | | | | | | | | | |
| Succeeded | 1,161 | | 1,078 | | 93% | | 1,001 | | 86% | |
| Failed | 377 | | 291 | | 77% | | 200 | | 53% | |
| Grand Total | 1,538 | | 1,369 | | 89% | | 1,201 | | 78% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. | | | | | | | | | | |

Note: Persistence is tracked for students who succeeded in their original cohort class.

Table 4 ENGL 101/101X Annual Persistent Enrollment Outcomes

| Cohort | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 0 | 23 | 0 | 23 | 0% | 100% | 0 | 23 | 0% | 100% |
| Failed | 31 | 13 | 24 | 6 | 77% | 46% | 17 | 0 | 55% | 0% |
| Spring 2020 Total | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 0 | 21 | 0 | 21 | 0% | 100% | 0 | 21 | 0% | 100% |
| Failed | 33 | 18 | 23 | 7 | 70% | 39% | 17 | 0 | 52% | 0% |
| Fall 2020 Total | 33 | 39 | 23 | 28 | 70% | 72% | 17 | 21 | 52% | 54% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Failed | 3 | 2 | 3 | 0 | 100% | 0% | 2 | 0 | 67% | 0% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 67 | 79 | 50 | 59 | 75% | 75% | 36 | 46 | 54% | 58% |
| Benchmark | | | | | | | | | | |
| Succeeded | 1,595 | | 1,477 | | 93% | | 1,361 | | 85% | |
| Failed | 684 | | 522 | | 76% | | 364 | | 53% | |
| Grand Total | 2,279 | | 1,999 | | 88% | | 1,725 | | 76% | |

Note: For spring, enrollment in the following summer or fall is considered "next term." For fall, the next term is spring.

Table 5 ENGL 101 Course Repetition Rate

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Fall 2020 | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Spring 2021 | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Grand Total | 729 | 170 | 22 | 24 | 3% | 14% | 31 | 25 | 4% | 15% |
| Benchmark | 1,056 | | 325 | | 31% | | 495 | | 47% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. | | | | | | | | | | |

Table 6 ENGL 101 Term Course Repetition Rate

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |
| Benchmark | 329 | | 256 | | 78% | | 180 | | 55% | |

Table 7 ENGL 101 Annual Course Repetition Rate

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Fall 2020 | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Spring 2021 | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 31 | 25 | 17 | 16 | 55% | 64% | 8 | 7 | 26% | 28% |
| Benchmark | 551 | | 423 | | 77% | | 291 | | 53% | |

MATH 96 and 96X Outcomes and Persistence

Table MATH 96 Cohort Outcomes

| | Cohort Enrollment | | Cohort Retention Counts | | Cohort Retention Rate | | Cohort Success Counts | | Cohort Success Rate | |
|--|-------------------|----------|-------------------------|----------|-----------------------|----------|-----------------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | 211 | 63 | 161 | 53 | 76% | 84% | 118 | 42 | 56% | 67% |
| Fall 2020 | 225 | 70 | 174 | 51 | 77% | 73% | 124 | 39 | 55% | 56% |
| Spring 2021 | 155 | 60 | 128 | 43 | 83% | 72% | 86 | 30 | 55% | 50% |
| Grand Total | 591 | 193 | 463 | 147 | 78% | 76% | 328 | 111 | 55% | 58% |
| Benchmark (Pre-AB705) | 3,180 | | 2,619 | | 82% | | 1,814 | | 57% | |
| Benchmark (2018-19) | 1,373 | | 1,144 | | 84% | | 745 | | 56% | |
| Note. The pre-AB705 benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The 2018-19 benchmark consists of students who took MATH 96 at Miramar College in fall and spring terms in 2018-19. | | | | | | | | | | |

Table 2 MATH 96/96X Persistence Rates

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--|------------|----------|------------------|----------|-----------------------|----------|--------------------|----------|-------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 118 | 42 | 9 | 7 | 8% | 17% | 11 | 10 | 9% | 24% |
| Failed | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Spring 2020 Total | 211 | 54 | 11 | 9 | 5% | 17% | 14 | 12 | 7% | 22% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 124 | 39 | 10 | 10 | 8% | 26% | 11 | 10 | 9% | 26% |
| Failed | 101 | 29 | 1 | 3 | 1% | 10% | 3 | 3 | 3% | 10% |
| Fall 2020 Total | 225 | 68 | 11 | 13 | 5% | 19% | 14 | 13 | 6% | 19% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 86 | 30 | 2 | 1 | 2% | 3% | 2 | 1 | 2% | 3% |
| Failed | 69 | 30 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Spring 2021 Total | 155 | 60 | 3 | 2 | 2% | 3% | 3 | 2 | 2% | 3% |
| Grand Total | 591 | 182 | 25 | 24 | 4% | 13% | 31 | 27 | 5% | 15% |
| Benchmark | | | | | | | | | | |
| Succeeded | 1,814 | | 863 | | 48% | | 1,010 | | 56% | |
| Failed | 1,366 | | 415 | | 30% | | 620 | | 45% | |
| Grand Total | 3,180 | | 1,278 | | 40% | | 1,630 | | 51% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. | | | | | | | | | | |

Note: Persistence is tracked for students who succeeded in their original cohort class.

Note: For spring, enrollment in the following summer or fall is considered "next term." For fall, the next term is spring.

Table 3 MATH 96/96X Term Persistent Enrollment Outcomes

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Term Success Counts | | Term Persistence Success Rate | |
|---|------------|----------|-----------------------|----------|---------------------------------|----------|---------------------|----------|-------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 0 | 7 | 0 | 7 | 0% | 100% | 0 | 7 | 0% | 100% |
| Failed | 11 | 3 | 10 | 1 | 91% | 33% | 9 | 0 | 82% | 0% |
| Spring 2020 Total | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | 70% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 0 | 10 | 0 | 10 | 0% | 100% | 0 | 10 | 0% | 100% |
| Failed | 11 | 3 | 10 | 2 | 91% | 67% | 10 | 0 | 91% | 0% |
| Fall 2020 Total | 11 | 13 | 10 | 12 | 91% | 92% | 10 | 10 | 91% | 77% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Failed | 3 | 1 | 3 | 0 | 100% | 0% | 2 | 0 | 67% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 25 | 25 | 23 | 21 | 92% | 84% | 21 | 18 | 84% | 72% |
| Benchmark | | | | | | | | | | |
| Succeeded | 944 | | 786 | | 83% | | 622 | | 66% | |
| Failed | 454 | | 374 | | 82% | | 227 | | 50% | |
| Grand Total | 1,398 | | 1,160 | | 83% | | 849 | | 61% | |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. | | | | | | | | | | |

Note: Persistence is tracked for students who succeeded in their original cohort class.

Table 4 MATH 96/96X Annual Persistent Enrollment Outcomes

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|----------|-------------------------|----------|-----------------------------------|----------|-----------------------|----------|---------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 0 | 10 | 0 | 10 | 0% | 100% | 0 | 10 | 0% | 100% |
| Failed | 14 | 3 | 12 | 1 | 86% | 33% | 11 | 0 | 79% | 0% |
| Spring 2020 Total | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 0 | 10 | 0 | 10 | 0% | 100% | 0 | 10 | 0% | 100% |
| Failed | 14 | 3 | 12 | 2 | 86% | 67% | 11 | 0 | 79% | 0% |
| Fall 2020 Total | 14 | 13 | 12 | 12 | 86% | 92% | 11 | 10 | 79% | 77% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Failed | 3 | 1 | 3 | 0 | 100% | 0% | 2 | 0 | 67% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 31 | 28 | 27 | 24 | 87% | 86% | 24 | 21 | 77% | 75% |
| Benchmark | | | | | | | | | | |
| Succeeded | 1,543 | | 1,273 | | 83% | | 1,004 | | 65% | |
| Failed | 851 | | 695 | | 82% | | 434 | | 51% | |
| Grand Total | 2,394 | | 1,968 | | 82% | | 1,438 | | 60% | |

Note: For spring, enrollment in the following summer or fall is considered "next term." For fall, the next term is spring.

Table 5 MATH 96 Course Repetition Rate

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|---|---------------------|----------|-----------------|----------|----------------------|----------|-------------------|----------|------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Fall 2020 | 101 | 29 | 1 | 3 | 1% | 10% | 3 | 3 | 3% | 10% |
| Spring 2021 | 69 | 30 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Grand Total | 263 | 71 | 4 | 6 | 2% | 8% | 7 | 6 | 3% | 8% |
| Benchmark | 1,366 | | 378 | | 28% | | 567 | | 42% | |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. | | | | | | | | | | |

Note: For spring, enrollment in the following summer or fall is considered "next term." For fall, the next term is spring.

Table 6 MATH 96 Term Course Repetition Rate

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------|------------|----------|-----------------|----------|--------------------------------|----------|---------------|----------|------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | 1 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 67% |
| Spring 2021 | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 4 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 25% | 67% |
| Benchmark | 385 | | 321 | | 83% | | 196 | | 51% | |

Table 7 MATH 96 Annual Course Repetition Rate

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------|------------|----------|-------------------|----------|------------------------|----------|---------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | 3 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 67% |
| Spring 2021 | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 7 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 14% | 67% |
| Benchmark | 616 | | 514 | | 83% | | 322 | | 52% | |

MATH 116 and 116X Outcomes and Persistence

Table 1 MATH 116 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention Counts | | Cohort Retention Rate | | Cohort Success Counts | | Cohort Success Rate | |
|--|-------------------|-----------|-------------------------|-----------|-----------------------|-----------|-----------------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Fall 2020 | 281 | 38 | 250 | 36 | 89% | 95% | 218 | 21 | 78% | 55% |
| Spring 2021 | 154 | 16 | 145 | 12 | 94% | 75% | 120 | 10 | 78% | 63% |
| Grand Total | 660 | 75 | 581 | 63 | 88% | 84% | 505 | 43 | 77% | 57% |
| Benchmark (Pre-AB705) | 1,670 | | 1,379 | | 83% | | 1,044 | | 63% | |
| Benchmark (2018-19) | 492 | | 422 | | 89% | | 317 | | 67% | |
| Note. The pre-AB705 benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The 2018-19 benchmark consists of students who took MATH 116 at Miramar College in fall and spring terms in 2018-19. | | | | | | | | | | |

Table 2 MATH 116/116X Persistence Rates

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 167 | 12 | 2 | 5 | 1% | 42% | 3 | 5 | 2% | 42% |
| Failed | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Spring 2020 Total | 225 | 16 | 2 | 5 | 1% | 31% | 4 | 5 | 2% | 31% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 218 | 21 | 6 | 7 | 3% | 33% | 8 | 9 | 4% | 43% |
| Failed | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Fall 2020 Total | 281 | 38 | 7 | 9 | 2% | 24% | 9 | 11 | 3% | 29% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 120 | 10 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Failed | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 154 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Grand Total | 660 | 70 | 10 | 14 | 2% | 20% | 14 | 16 | 2% | 23% |
| Benchmark | | | | | | | | | | |
| Succeeded | 1,044 | | 551 | | 53% | | 641 | | 61% | |
| Failed | 626 | | 235 | | 38% | | 302 | | 48% | |
| Grand Total | 1,670 | | 786 | | 47% | | 943 | | 56% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. | | | | | | | | | | |

Note: Persistence is tracked for students who succeeded in their original cohort class.

Note: For spring, enrollment in the following summer or fall is considered "next term." For fall, the next term is spring.

Table 3 MATH 116/116X Term Persistent Enrollment Outcomes

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 0 | 5 | 0 | 5 | 0% | 100% | 0 | 5 | 0% | 100% |
| Failed | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Spring 2020 Total | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 0 | 7 | 0 | 7 | 0% | 100% | 0 | 7 | 0% | 100% |
| Failed | 7 | 2 | 7 | 2 | 100% | 100% | 6 | 0 | 86% | 0% |
| Fall 2020 Total | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Failed | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 10 | 14 | 10 | 14 | 100% | 100% | 9 | 12 | 90% | 86% |
| Benchmark | | | | | | | | | | |
| Succeeded | 604 | | 550 | | 91% | | 483 | | 80% | |
| Failed | 268 | | 215 | | 80% | | 149 | | 56% | |
| Benchmark | 872 | | 765 | | 88% | | 632 | | 72% | |
| Note. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. | | | | | | | | | | |

Note: Persistence is tracked for students who succeeded in their original cohort class.

Table 4 MATH 116/116X Annual Persistent Enrollment Outcomes

| Cohort | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|--------------------|------------|-----------|-------------------------|-----------|-----------------------------------|------------|-----------------------|-----------|---------------------------------|------------|
| | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 0 | 5 | 0 | 5 | 0% | 100% | 0 | 5 | 0% | 100% |
| Failed | 4 | 1 | 3 | 0 | 75% | 0% | 3 | 0 | 75% | 0% |
| Spring 2020 Total | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 0 | 9 | 0 | 9 | 0% | 100% | 0 | 9 | 0% | 100% |
| Failed | 9 | 2 | 9 | 2 | 100% | 100% | 8 | 0 | 89% | 0% |
| Fall 2020 Total | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Failed | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 14 | 17 | 13 | 16 | 93% | 94% | 12 | 14 | 86% | 82% |

Note: For spring, enrollment in the following summer or fall is considered "next term." For fall, the next term is spring.

Table 5 MATH 116 Course Repetition Rate

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Fall 2020 | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Spring 2021 | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 155 | 27 | 1 | 2 | 1% | 7% | 2 | 2 | 1% | 7% |
| Benchmark | 626 | | 163 | | 26% | | 222 | | 35% | |

Note: For spring, enrollment in the following summer or fall is considered "next term." For fall, the next term is spring.

Table 6 MATH 116 Term Course Repetition Rate

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Benchmark | 165 | | 135 | | 82% | | 100 | | 61% | |

Table 7 MATH 116 Annual Course Repetition Rate

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|--------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |

| | | | | | | | | | | |
|-------------|---|---|---|---|----|-----|---|---|----|-----|
| Spring 2020 | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 2 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |

MATH 119 and 119X Outcomes and Persistence

Table 1 MATH 119 Cohort Outcomes

| | Cohort Enrollment | | Cohort Retention Counts | | Cohort Retention Rate | | Cohort Success Counts | | Cohort Success Rate | |
|--|-------------------|-----------|-------------------------|-----------|-----------------------|-----------|-----------------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | 501 | 93 | 413 | 76 | 82% | 82% | 384 | 59 | 77% | 63% |
| Fall 2020 | 475 | 146 | 415 | 113 | 87% | 77% | 334 | 87 | 70% | 60% |
| Spring 2021 | 449 | 94 | 409 | 80 | 91% | 85% | 331 | 54 | 74% | 57% |
| Grand Total | 1425 | 333 | 1237 | 269 | 87% | 81% | 1049 | 200 | 74% | 60% |
| Benchmark (Pre-AB705) | 2,829 | | 2,441 | | 86% | | 2,036 | | 72% | |
| Benchmark (2018-19) | 1,090 | | 910 | | 84% | | 670 | | 60% | |
| Note. The pre-AB705 benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The 2018-19 benchmark consists of students who took MATH 119 at Miramar College in fall and spring terms in 2018-19. | | | | | | | | | | |

Table 2 MATH 119/119X Persistence Rates

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 384 | 59 | 3 | 3 | 1% | 5% | 4 | 5 | 1% | 8% |
| Failed | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Spring 2020 Total | 501 | 80 | 7 | 7 | 1% | 9% | 9 | 11 | 2% | 14% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 334 | 87 | 9 | 8 | 3% | 9% | 11 | 8 | 3% | 9% |
| Failed | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Fall 2020 Total | 475 | 145 | 22 | 18 | 5% | 12% | 26 | 19 | 5% | 13% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 331 | 54 | 1 | 0 | 0% | 0% | 1 | 0 | 0% | 0% |
| Failed | 118 | 39 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Spring 2021 Total | 449 | 93 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Grand Total | 1425 | 318 | 33 | 26 | 2% | 8% | 39 | 31 | 3% | 10% |
| Benchmark | | | | | | | | | | |
| Succeeded | 0,362 | | 466 | | 23% | | 577 | | 28% | |
| Failed | 793 | | 271 | | 34% | | 374 | | 47% | |
| Grand Total | 8,292 | | 737 | | 26% | | 951 | | 34% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. | | | | | | | | | | |

Note: Persistence is tracked for students who succeeded in their original cohort class.

Note: For spring, enrollment in the following summer or fall is considered "next term." For fall, the next term is spring.

Table 3 MATH 119/119X Term Persistent Enrollment Outcomes

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|----------------|-----------|-------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 3 | 0% | 100% |
| Failed | 7 | 7 | 6 | 4 | 86% | 57% | 3 | 0 | 43% | 0% |
| Spring 2020 Total | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 0 | 8 | 0 | 8 | 0% | 100% | 0 | 8 | 0% | 100% |
| Failed | 22 | 10 | 15 | 4 | 68% | 40% | 9 | 0 | 41% | 0% |
| Fall 2020 Total | 22 | 18 | 15 | 12 | 68% | 67% | 9 | 8 | 41% | 44% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Failed | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 33 | 29 | 23 | 20 | 70% | 69% | 13 | 11 | 39% | 38% |
| Benchmark | | | | | | | | | | |
| Succeeded | 517 | | 459 | | 89% | | 386 | | 75% | |
| Failed | 303 | | 239 | | 79% | | 161 | | 53% | |
| Grand Total | 820 | | 698 | | 85% | | 547 | | 67% | |
| Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. | | | | | | | | | | |

Note: Persistence is tracked for students who succeeded in their original cohort class.

Table 4 MATH 119/119X Annual Persistent Enrollment Outcomes

| Cohort | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 0 | 5 | 0 | 5 | 0% | 100% | 0 | 5 | 0% | 100% |
| Failed | 9 | 9 | 8 | 6 | 89% | 67% | 4 | 0 | 44% | 0% |
| Spring 2020 Total | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 0 | 8 | 0 | 8 | 0% | 100% | 0 | 8 | 0% | 100% |
| Failed | 26 | 11 | 19 | 5 | 73% | 45% | 11 | 0 | 42% | 0% |
| Fall 2020 Total | 26 | 19 | 19 | 13 | 73% | 68% | 11 | 8 | 42% | 42% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Failed | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 39 | 34 | 29 | 25 | 74% | 74% | 16 | 13 | 41% | 38% |

Note: For spring, enrollment in the following summer or fall is considered "next term." For fall, the next term is spring.

Table 5 MATH 119 Course Repetition Rate

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Fall 2020 | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Spring 2021 | 118 | 39 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Grand Total | 376 | 118 | 20 | 15 | 5% | 13% | 23 | 18 | 6% | 15% |
| Benchmark | 793 | | 205 | | 26% | | 304 | | 38% | |

Table 6 MATH 119 Term Course Repetition Rate

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Fall 2020 | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Spring 2021 | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 20 | 15 | 10 | 6 | 50% | 40% | 8 | 8 | 40% | 53% |
| Benchmark | 207 | | 174 | | 84% | | 121 | | 58% | |

Table 7 MATH 119 Annual Course Repetition Rate

| Cohort | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Fall 2020 | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Spring 2021 | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 23 | 18 | 11 | 8 | 48% | 44% | 8 | 8 | 35% | 44% |

Math Aggregated

Table 1 Aggregated Outcomes

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----|------------------|-----|-----------------------|-----|----------------|-----|---------------------|-----|
| Cohort | Not X | X | Not X | X | Not X | X | Not X | X | Not X | X |
| Spring 2020 | 937 | 177 | 760 | 144 | 81% | 81% | 669 | 113 | 71% | 64% |
| Fall 2020 | 981 | 254 | 839 | 200 | 86% | 79% | 676 | 147 | 69% | 58% |
| Spring 2021 | 758 | 170 | 682 | 135 | 90% | 79% | 537 | 94 | 71% | 55% |
| Grand Total | 2676 | 601 | 2281 | 479 | 85% | 80% | 1882 | 354 | 70% | 59% |
| Benchmark | 7,679 | | 6,439 | | 84% | | 4,894 | | 64% | |
| Note. The benchmark cohort consists of students who took MATH 96, 116, & 119 at Miramar College in fall and spring mterms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Aggregated Persistence Rates

| Cohort | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--------------------|------------|-----|------------------|----|-----------------------|-----|--------------------|----|-------------------------|-----|
| | Not X | X | Not X | X | Not X | X | Not X | X | Not X | X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 669 | 113 | 14 | 15 | 2% | 13% | 18 | 20 | 3% | 18% |
| Failed | 268 | 37 | 6 | 6 | 2% | 16% | 9 | 8 | 3% | 22% |
| Spring 2020 Total | 937 | 150 | 20 | 21 | 2% | 14% | 27 | 28 | 3% | 19% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 676 | 147 | 25 | 25 | 4% | 17% | 30 | 27 | 4% | 18% |
| Failed | 305 | 104 | 15 | 15 | 5% | 14% | 19 | 16 | 6% | 15% |
| Fall 2020 Total | 981 | 251 | 40 | 40 | 4% | 16% | 49 | 43 | 5% | 17% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 537 | 94 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Failed | 221 | 75 | 4 | 2 | 2% | 3% | 4 | 2 | 2% | 3% |
| Spring 2021 Total | 758 | 169 | 8 | 3 | 1% | 2% | 8 | 3 | 1% | 2% |
| Grand Total | 2676 | 570 | 68 | 64 | 3% | 11% | 84 | 74 | 3% | 13% |
| Benchmark | | | | | | | | | | |
| Succeeded | 4,894 | | 1,880 | | 38% | | 2,228 | | 46% | |
| Failed | 2,785 | | 921 | | 33% | | 1,296 | | 47% | |
| Grand Total | 7,679 | | 2,801 | | 36% | | 3,524 | | 46% | |

Table 3 Aggregated Term Persistence Rates

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|---|------------|----|-----------------------|----|---------------------------------|------|-----------------------|----|-------------------------------|------|
| Cohort | Not X | X | Not X | X | Not X | X | Not X | X | Not X | X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 0 | 15 | 0 | 15 | 0% | 100% | 0 | 15 | 0% | 100% |
| Failed | 20 | 10 | 18 | 5 | 90% | 50% | 14 | 0 | 70% | 0% |
| Spring 2020 Total | 20 | 25 | 18 | 20 | 90% | 80% | 14 | 15 | 70% | 60% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 0 | 25 | 0 | 25 | 0% | 100% | 0 | 25 | 0% | 100% |
| Failed | 40 | 15 | 32 | 8 | 80% | 53% | 25 | 0 | 63% | 0% |
| Fall 2020 Total | 40 | 40 | 32 | 33 | 80% | 83% | 25 | 25 | 63% | 63% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Failed | 8 | 2 | 6 | 1 | 75% | 50% | 4 | 0 | 50% | 0% |
| Spring 2021 Total | 8 | 3 | 6 | 2 | 75% | 67% | 4 | 1 | 50% | 33% |
| Grand Total | 68 | 68 | 56 | 55 | 82% | 81% | 43 | 41 | 63% | 60% |
| Benchmark | | | | | | | | | | |
| Succeeded | 2,065 | | 1,795 | | 87% | | 1,491 | | 72% | |
| Failed | 1,025 | | 828 | | 81% | | 537 | | 52% | |
| Grand Total | 3,090 | | 2,623 | | 85% | | 2,028 | | 66% | |
| 2016/17. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. | | | | | | | | | | |

Table 4 Aggregated Annual Persistence Rates

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|---|------------|----|-------------------------|----|-----------------------------------|------|-----------------------|----|---------------------------------|------|
| Cohort | Not X | X | Not X | X | Not X | X | Not X | X | Not X | X |
| Spring 2020 | | | | | | | | | | |
| Succeeded | 0 | 20 | 0 | 20 | 0% | 100% | 0 | 20 | 0% | 100% |
| Failed | 27 | 13 | 23 | 7 | 85% | 54% | 18 | 0 | 67% | 0% |
| Spring 2020 Total | 27 | 33 | 23 | 27 | 85% | 82% | 18 | 20 | 67% | 61% |
| Fall 2020 | | | | | | | | | | |
| Succeeded | 0 | 27 | 0 | 27 | 0% | 100% | 0 | 27 | 0% | 100% |
| Failed | 49 | 16 | 40 | 9 | 82% | 56% | 30 | 0 | 61% | 0% |
| Fall 2020 Total | 49 | 43 | 40 | 36 | 82% | 84% | 30 | 27 | 61% | 63% |
| Spring 2021 | | | | | | | | | | |
| Succeeded | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Failed | 8 | 2 | 6 | 1 | 75% | 50% | 4 | 0 | 50% | 0% |
| Spring 2021 Total | 8 | 3 | 6 | 2 | 75% | 67% | 4 | 1 | 50% | 33% |
| Grand Total | 84 | 79 | 69 | 65 | 82% | 82% | 52 | 48 | 62% | 61% |
| Benchmark | | | | | | | | | | |
| Succeeded | 1,543 | | 1,273 | | 83% | | 1,004 | | 65% | |
| Failed | 851 | | 695 | | 82% | | 434 | | 51% | |
| Grand Total | 2,394 | | 1,968 | | 82% | | 1,438 | | 60% | |
| Note. Since only Fall 2018 MATH 96/X cohorts have annual outcomes data, the annual outcomes benchmark includes only students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Aggregated Course Repetition Rates

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--|---------------------|-----|-----------------|----|----------------------|-----|-------------------|----|------------------------|-----|
| Cohort | Not X | X | Not X | X | Not X | X | Not X | X | Not X | X |
| Spring 2020 | 268 | 37 | 6 | 6 | 2% | 16% | 9 | 8 | 3% | 22% |
| Fall 2020 | 305 | 104 | 15 | 15 | 5% | 14% | 19 | 16 | 6% | 15% |
| Spring 2021 | 221 | 75 | 4 | 2 | 2% | 3% | 4 | 2 | 2% | 3% |
| Grand Total | 794 | 216 | 25 | 23 | 3% | 11% | 32 | 26 | 4% | 12% |
| Benchmark | 2,785 | | 746 | | 27% | | 1,093 | | 39% | |
| Note. The benchmark cohort consists of students who took MATH 96, 116, & 119 at Miramar College in fall and springterms from 2014/15 - 2016/17. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. | | | | | | | | | | |

Table 6 Aggregated Term Course Repetition Rates

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------|------------|----|-----------------|----|--------------------------------|------|---------------|---|------------------------------|-----|
| | Not X | X | Not X | X | Not X | X | Not X | X | Not X | X |
| Spring 2020 | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |
| Benchmark | 757 | | 630 | | 83% | | 417 | | 55% | |

Table 7 Aggregated Annual Course Repetition Rates

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|---|------------|----|-------------------|---|------------------------|-----|---------------|----|---------------------|-----|
| Cohort | Not X | X | Not X | X | Not X | X | Not X | X | Not X | X |
| Spring 2020 | 9 | 8 | 4 | 3 | 44% | 38% | 1 | 4 | 11% | 50% |
| Fall 2020 | 19 | 16 | 6 | 6 | 32% | 38% | 6 | 9 | 32% | 56% |
| Spring 2021 | 4 | 2 | 1 | 0 | 25% | 0% | 2 | 0 | 50% | 0% |
| Grand Total | 32 | 26 | 11 | 9 | 34% | 35% | 9 | 13 | 28% | 50% |
| Benchmark | 616 | | 514 | | 83% | | 322 | | 52% | |
| Note. Since only Fall 2018 MATH 96/X cohorts have annual outcomes data, the annual outcomes benchmark includes only students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Awards

| Cohort Course | Cohort Term | Cohort Headcount | Award Earners in 2020/21 | Award Earner % |
|---------------|-------------|------------------|--------------------------|----------------|
| ENGL 101 | Spring 2020 | 219 | 37 | 17% |
| | Fall 2020 | 210 | 9 | 4% |
| | Spring 2021 | 159 | 58 | 36% |
| | CourseTotal | 588 | 104 | 18% |
| ENGL 101X | Spring 2020 | 232 | 18 | 8% |
| | Fall 2020 | 277 | 6 | 3% |
| | Spring 2021 | 175 | 7 | 4% |
| | CourseTotal | 684 | 31 | 5% |
| MATH 96 | Spring 2020 | 84 | 13 | 15% |
| | Fall 2020 | 85 | 0 | 0% |
| | Spring 2021 | 72 | 13 | 18% |
| | CourseTotal | 241 | 26 | 11% |
| MATH 96X | Spring 2020 | 84 | 7 | 8% |
| | Fall 2020 | 98 | 1 | 1% |
| | Spring 2021 | 92 | 7 | 8% |
| | CourseTotal | 274 | 15 | 5% |
| MATH 116 | Spring 2020 | 24 | 9 | 38% |
| | Fall 2020 | 43 | 1 | 2% |
| | Spring 2021 | 18 | 8 | 44% |
| | CourseTotal | 85 | 18 | 21% |
| MATH 116X | Spring 2020 | 25 | 1 | 4% |
| | Fall 2020 | 48 | 0 | 0% |
| | Spring 2021 | 22 | 2 | 9% |
| | CourseTotal | 95 | 3 | 3% |
| MATH 119 | Spring 2020 | 104 | 37 | 36% |
| | Fall 2020 | 165 | 1 | <1% |
| | Spring 2021 | 131 | 29 | 22% |
| | CourseTotal | 400 | 67 | 17% |
| MATH 119X | Spring 2020 | 116 | 4 | 3% |
| | Fall 2020 | 171 | 1 | <1% |
| | Spring 2021 | 119 | 5 | 4% |
| | CourseTotal | 406 | 10 | 2% |
| Grand Total | | 2773 | 274 | 10% |

Transfer-Level English & Math Outcomes and Persistence Analysis: Demographic Disaggregation

ENGL 101 Disproportionate Impacts by Gender

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Female | 362 | 83 | 289 | 67 | 80% | 81% | 258 | 49 | 71% | 59% |
| Male | 433 | 79 | 329 | 66 | 76% | 84% | 277 | 49 | 64% | 62% |
| Non-Binary | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 2 | 2 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Spring 2020 Total | 798 | 164 | 621 | 133 | 78% | 81% | 537 | 98 | 67% | 60% |
| Fall 2020 | | | | | | | | | | |
| Female | 621 | 82 | 558 | 61 | 90% | 74% | 505 | 47 | 81% | 57% |
| Male | 608 | 82 | 536 | 64 | 88% | 78% | 456 | 43 | 75% | 52% |
| Non-Binary | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 4 | 0 | 4 | 0 | 100% | 0% | 4 | 0 | 100% | 0% |
| Fall 2020 Total | 1234 | 164 | 1099 | 125 | 89% | 76% | 966 | 90 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| Female | 262 | 61 | 204 | 42 | 78% | 69% | 156 | 27 | 60% | 44% |
| Male | 291 | 64 | 249 | 45 | 86% | 70% | 197 | 38 | 68% | 59% |
| Non-Binary | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 554 | 126 | 454 | 87 | 82% | 69% | 354 | 65 | 64% | 52% |
| Grand Total | 2586 | 454 | 2174 | 345 | 84% | 76% | 1857 | 253 | 72% | 56% |
| Benchmark | | | | | | | | | | |
| Female | 1,718 | | 1,504 | | 88% | | 1,295 | | 75% | |
| Male | 2,052 | | 1,752 | | 85% | | 1,419 | | 69% | |
| Grand Total | 3,770 | | 3,256 | | 86% | | 2,714 | | 72% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Persistence Rates

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Female | 362 | 83 | 9 | 18 | 2% | 22% | 18 | 23 | 5% | 28% |
| Male | 433 | 79 | 8 | 7 | 2% | 9% | 13 | 13 | 3% | 16% |
| Non-Binary | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 798 | 164 | 17 | 25 | 2% | 15% | 31 | 36 | 4% | 22% |
| Fall 2020 | | | | | | | | | | |
| Female | 621 | 82 | 17 | 19 | 3% | 23% | 18 | 19 | 3% | 23% |
| Male | 608 | 82 | 14 | 19 | 2% | 23% | 15 | 20 | 2% | 24% |
| Non-Binary | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 4 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1234 | 164 | 31 | 38 | 3% | 23% | 33 | 39 | 3% | 24% |
| Spring 2021 | | | | | | | | | | |
| Female | 262 | 61 | 3 | 2 | 1% | 3% | 3 | 2 | 1% | 3% |
| Male | 291 | 64 | 0 | 2 | 0% | 3% | 0 | 2 | 0% | 3% |
| Non-Binary | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 554 | 126 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Grand Total | 2586 | 454 | 51 | 67 | 2% | 15% | 67 | 79 | 3% | 17% |
| Benchmark | | | | | | | | | | |
| Female | 1,718 | | 717 | | 42% | | 925 | | 54% | |
| Male | 2,052 | | 777 | | 38% | | 1,025 | | 50% | |
| Grand Total | 3,770 | | 1,494 | | 40% | | 1,950 | | 52% | |
| Note. A student is considered persistent if they took another English class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Term Persistent Enrollment Outcomes

| Cohort | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Female | 9 | 18 | 8 | 15 | 89% | 83% | 5 | 12 | 56% | 67% |
| Male | 8 | 7 | 7 | 7 | 88% | 100% | 5 | 5 | 63% | 71% |
| Spring 2020 Total | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Fall 2020 | | | | | | | | | | |
| Female | 17 | 19 | 10 | 13 | 59% | 68% | 9 | 11 | 53% | 58% |
| Male | 14 | 19 | 11 | 14 | 79% | 74% | 8 | 9 | 57% | 47% |
| Fall 2020 Total | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Spring 2021 | | | | | | | | | | |
| Female | 3 | 2 | 3 | 0 | 100% | 0% | 2 | 0 | 67% | 0% |
| Male | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 51 | 67 | 39 | 51 | 76% | 76% | 29 | 39 | 57% | 58% |
| Benchmark | | | | | | | | | | |
| Female | 739 | | 654 | | 88% | | 583 | | 79% | |
| Male | 799 | | 715 | | 89% | | 618 | | 77% | |
| Grand Total | 1,538 | | 1,369 | | 89% | | 1,201 | | 78% | |

Table 4 Annual Persistent Enrollment Outcomes

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | | |
|--|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|--|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | |
| Spring 2020 | | | | | | | | | | | |
| Female | 18 | 23 | 14 | 18 | 78% | 78% | 9 | 14 | 50% | 61% | |
| Male | 13 | 13 | 10 | 11 | 77% | 85% | 8 | 9 | 62% | 69% | |
| Spring 2020 Total | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% | |
| Fall 2020 | | | | | | | | | | | |
| Female | 18 | 19 | 11 | 13 | 61% | 68% | 9 | 11 | 50% | 58% | |
| Male | 15 | 20 | 12 | 15 | 80% | 75% | 8 | 10 | 53% | 50% | |
| Fall 2020 Total | 33 | 39 | 23 | 28 | 70% | 72% | 17 | 21 | 52% | 54% | |
| Spring 2021 | | | | | | | | | | | |
| Female | 3 | 2 | 3 | 0 | 100% | 0% | 2 | 0 | 67% | 0% | |
| Male | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% | |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% | |
| Grand Total | 67 | 79 | 50 | 59 | 75% | 75% | 36 | 46 | 54% | 58% | |
| Benchmark | | | | | | | | | | | |
| Female | 1,091 | | 949 | | 87% | | 830 | | 76% | | |
| Male | 1,188 | | 1,050 | | 88% | | 895 | | 75% | | |
| Grand Total | 2,279 | | 1,999 | | 88% | | 1,725 | | 76% | | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | | |

Table 5 Course Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Female | 104 | 19 | 4 | 3 | 4% | 16% | 9 | 4 | 9% | 21% |
| Male | 156 | 18 | 3 | 2 | 2% | 11% | 5 | 2 | 3% | 11% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Fall 2020 | | | | | | | | | | |
| Female | 116 | 34 | 8 | 8 | 7% | 24% | 9 | 8 | 8% | 24% |
| Male | 152 | 38 | 6 | 9 | 4% | 24% | 7 | 9 | 5% | 24% |
| Fall 2020 Total | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Spring 2021 | | | | | | | | | | |
| Female | 106 | 34 | 1 | 2 | 1% | 6% | 1 | 2 | 1% | 6% |
| Male | 94 | 26 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Non-Binary | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Grand Total | 729 | 170 | 22 | 24 | 3% | 14% | 31 | 25 | 4% | 15% |
| Benchmark | | | | | | | | | | |
| Female | 423 | | 153 | | 36% | | 219 | | 52% | |
| Male | 633 | | 172 | | 27% | | 276 | | 44% | |
| Grand Total | 1,056 | | 325 | | 32% | | 495 | | 48% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Term Course Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Female | 4 | 3 | 1 | 3 | 25% | 100% | 3 | 1 | 75% | 33% |
| Male | 3 | 2 | 2 | 1 | 67% | 50% | 1 | 1 | 33% | 50% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | | | | | | | | | | |
| Female | 8 | 8 | 4 | 4 | 50% | 50% | 2 | 2 | 25% | 25% |
| Male | 6 | 9 | 3 | 5 | 50% | 56% | 1 | 3 | 17% | 33% |
| Fall 2020 Total | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | | | | | | | | | | |
| Female | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Male | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Non-Binary | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |
| Benchmark | | | | | | | | | | |
| Female | 156 | | 123 | | 79% | | 93 | | 60% | |
| Male | 173 | | 133 | | 77% | | 87 | | 50% | |
| Grand Total | 329 | | 256 | | 78% | | 180 | | 55% | |

Table 7 Annual Course Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|--|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Female | 9 | 4 | 3 | 4 | 33% | 100% | 3 | 1 | 33% | 25% |
| Male | 5 | 2 | 4 | 1 | 80% | 50% | 1 | 1 | 20% | 50% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Fall 2020 | | | | | | | | | | |
| Female | 9 | 8 | 5 | 4 | 56% | 50% | 2 | 2 | 22% | 25% |
| Male | 7 | 9 | 4 | 5 | 57% | 56% | 1 | 3 | 14% | 33% |
| Fall 2020 Total | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Spring 2021 | | | | | | | | | | |
| Female | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Male | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Non-Binary | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 31 | 25 | 17 | 16 | 55% | 64% | 8 | 7 | 26% | 28% |
| Benchmark | | | | | | | | | | |
| Female | 247 | | 188 | | 76% | | 138 | | 56% | |
| Male | 304 | | 235 | | 77% | | 153 | | 50% | |
| Grand Total | 551 | | 423 | | 77% | | 291 | | 53% | |
| Note. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

ENGL 101 Disproportionate Impacts by Ethnicity

Table 1 Cohort Class Outcome

| Cohort | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|--------------------------|-------------------|------------|------------------|------------|-----------------------|------------|----------------|-----------|---------------------|------------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 8 | 0 | 6 | 0% | 75% | 0 | 3 | 0% | 38% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 127 | 0 | 105 | 0 | 83% | 0% | 96 | 0 | 76% | 0% |
| Asian/Pacific Islander | 0 | 45 | 0 | 38 | 0% | 84% | 0 | 34 | 0% | 76% |
| Black/African American | 31 | 0 | 23 | 0 | 74% | 0% | 20 | 0 | 65% | 0% |
| Filipino/a | 87 | 0 | 71 | 0 | 82% | 0% | 64 | 0 | 74% | 0% |
| Latinx | 186 | 43 | 134 | 36 | 72% | 84% | 104 | 22 | 56% | 51% |
| Multiple Ethnicities | 83 | 0 | 59 | 0 | 71% | 0% | 50 | 0 | 60% | 0% |
| Other | 0 | 21 | 0 | 13 | 0% | 62% | 0 | 10 | 0% | 48% |
| Pacific Islander | 3 | 0 | 3 | 0 | 100% | 0% | 3 | 0 | 100% | 0% |
| Unknown | 29 | 2 | 25 | 2 | 86% | 100% | 22 | 1 | 76% | 50% |
| White | 251 | 45 | 201 | 38 | 80% | 84% | 178 | 28 | 71% | 62% |
| Spring 2020 Total | 798 | 164 | 621 | 133 | 78% | 81% | 537 | 98 | 67% | 60% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 9 | 0 | 6 | 0% | 67% | 0 | 3 | 0% | 33% |
| American Indian | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Asian | 185 | 0 | 175 | 0 | 95% | 0% | 162 | 0 | 88% | 0% |
| Asian/Pacific Islander | 0 | 27 | 0 | 22 | 0% | 81% | 0 | 17 | 0% | 63% |
| Black/African American | 29 | 0 | 25 | 0 | 86% | 0% | 19 | 0 | 66% | 0% |
| Filipino/a | 144 | 0 | 135 | 0 | 94% | 0% | 118 | 0 | 82% | 0% |
| Latinx | 318 | 50 | 266 | 33 | 84% | 66% | 223 | 21 | 70% | 42% |
| Multiple Ethnicities | 139 | 0 | 125 | 0 | 90% | 0% | 109 | 0 | 78% | 0% |
| Other | 0 | 25 | 0 | 19 | 0% | 76% | 0 | 14 | 0% | 56% |
| Pacific Islander | 9 | 0 | 9 | 0 | 100% | 0% | 8 | 0 | 89% | 0% |
| Unknown | 17 | 1 | 10 | 1 | 59% | 100% | 10 | 1 | 59% | 100% |
| White | 392 | 51 | 353 | 43 | 90% | 84% | 316 | 33 | 81% | 65% |
| Fall 2020 Total | 1234 | 164 | 1099 | 125 | 89% | 76% | 966 | 90 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |

| | | | | | | | | | | |
|---|-------|-----|-------|-----|------|------|-------|-----|------|------|
| African American | 0 | 6 | 0 | 4 | 0% | 67% | 0 | 4 | 0% | 67% |
| American Indian | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Asian | 85 | 0 | 79 | 0 | 93% | 0% | 71 | 0 | 84% | 0% |
| Asian/Pacific Islander | 0 | 26 | 0 | 20 | 0% | 77% | 0 | 15 | 0% | 58% |
| Black/African American | 27 | 0 | 21 | 0 | 78% | 0% | 16 | 0 | 59% | 0% |
| Filipino/a | 50 | 0 | 37 | 0 | 74% | 0% | 35 | 0 | 70% | 0% |
| Latinx | 185 | 41 | 140 | 29 | 76% | 71% | 94 | 18 | 51% | 44% |
| Multiple Ethnicities | 52 | 0 | 41 | 0 | 79% | 0% | 30 | 0 | 58% | 0% |
| Other | 0 | 16 | 0 | 9 | 0% | 56% | 0 | 8 | 0% | 50% |
| Pacific Islander | 5 | 0 | 4 | 0 | 80% | 0% | 4 | 0 | 80% | 0% |
| Unknown | 7 | 1 | 7 | 1 | 100% | 100% | 6 | 1 | 86% | 100% |
| White | 142 | 36 | 124 | 24 | 87% | 67% | 97 | 19 | 68% | 53% |
| Spring 2021 Total | 554 | 126 | 454 | 87 | 82% | 69% | 354 | 65 | 64% | 52% |
| Grand Total | 2586 | 454 | 2174 | 345 | 84% | 76% | 1857 | 253 | 72% | 56% |
| Benchmark | | | | | | | | | | |
| African American | 154 | | 133 | | 86% | | 101 | | 66% | |
| American Indian | 13 | | 12 | | 92% | | 11 | | 85% | |
| Asian/Pacific Islander | 642 | | 551 | | 86% | | 484 | | 75% | |
| Filipino/a | 436 | | 385 | | 88% | | 328 | | 75% | |
| Latinx | 923 | | 771 | | 84% | | 595 | | 64% | |
| White | 1,211 | | 1,065 | | 88% | | 923 | | 76% | |
| Other | 334 | | 284 | | 85% | | 227 | | 68% | |
| Unknown | 57 | | 55 | | 96% | | 45 | | 79% | |
| Grand Total | 3,770 | | 3,256 | | 88% | | 2,714 | | 74% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Persistence Rates

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|------------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 8 | 0 | 3 | 0% | 38% | 0 | 3 | 0% | 38% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 127 | 0 | 5 | 0 | 4% | 0% | 12 | 0 | 9% | 0% |
| Asian/Pacific Islander | 0 | 45 | 0 | 8 | 0% | 18% | 0 | 11 | 0% | 24% |
| Black/African American | 31 | 0 | 2 | 0 | 6% | 0% | 3 | 0 | 10% | 0% |
| Filipino/a | 87 | 0 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Latinx | 186 | 43 | 4 | 5 | 2% | 12% | 5 | 7 | 3% | 16% |
| Multiple Ethnicities | 83 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 1% | 0% |
| Other | 0 | 21 | 0 | 3 | 0% | 14% | 0 | 5 | 0% | 24% |
| Pacific Islander | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 29 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 251 | 45 | 5 | 6 | 2% | 13% | 9 | 10 | 4% | 22% |
| Spring 2020 Total | 798 | 164 | 17 | 25 | 2% | 15% | 31 | 36 | 4% | 22% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 9 | 0 | 1 | 0% | 11% | 0 | 1 | 0% | 11% |
| American Indian | 1 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Asian | 185 | 0 | 7 | 0 | 4% | 0% | 8 | 0 | 4% | 0% |
| Asian/Pacific Islander | 0 | 27 | 0 | 6 | 0% | 22% | 0 | 6 | 0% | 22% |
| Black/African American | 29 | 0 | 2 | 0 | 7% | 0% | 3 | 0 | 10% | 0% |
| Filipino/a | 144 | 0 | 3 | 0 | 2% | 0% | 3 | 0 | 2% | 0% |
| Latinx | 318 | 50 | 7 | 12 | 2% | 24% | 7 | 12 | 2% | 24% |
| Multiple Ethnicities | 139 | 0 | 2 | 0 | 1% | 0% | 2 | 0 | 1% | 0% |
| Other | 0 | 25 | 0 | 4 | 0% | 16% | 0 | 4 | 0% | 16% |
| Pacific Islander | 9 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 17 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 392 | 51 | 10 | 14 | 3% | 27% | 10 | 15 | 3% | 29% |
| Fall 2020 Total | 1234 | 164 | 31 | 38 | 3% | 23% | 33 | 39 | 3% | 24% |
| Spring 2021 | | | | | | | | | | |

| | | | | | | | | | | |
|------------------------|------|-----|----|----|----|-----|----|----|----|-----|
| African American | 0 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 85 | 0 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Asian/Pacific Islander | 0 | 26 | 0 | 2 | 0% | 8% | 0 | 2 | 0% | 8% |
| Black/African American | 27 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 50 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 185 | 41 | 2 | 1 | 1% | 2% | 2 | 1 | 1% | 2% |
| Multiple Ethnicities | 52 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 16 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 5 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 7 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 142 | 36 | 0 | 1 | 0% | 3% | 0 | 1 | 0% | 3% |
| Spring 2021 Total | 554 | 126 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Grand Total | 2586 | 454 | 51 | 67 | 2% | 15% | 67 | 79 | 3% | 17% |

Benchmark

| | | | | | |
|------------------------|-------|-------|-----|-------|-----|
| African American | 154 | 57 | 37% | 76 | 49% |
| American Indian | 13 | 2 | 15% | 4 | 31% |
| Asian/Pacific Islander | 642 | 304 | 47% | 382 | 60% |
| Filipino/a | 436 | 211 | 48% | 262 | 60% |
| Latinx | 923 | 341 | 37% | 457 | 50% |
| White | 1,211 | 0,432 | 36% | 570 | 47% |
| Other | 334 | 122 | 37% | 167 | 50% |
| Unknown | 57 | 25 | 44% | 32 | 56% |
| Grand Total | 3,770 | 1,494 | 38% | 1,950 | 50% |

Note. A student is considered persistent if they took another English class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 3 Term Persistent Enrollment Outcomes

| Cohort | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|------------------------|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 2 | 0% | 67% |
| Asian | 5 | 0 | 5 | 0 | 100% | 0% | 4 | 0 | 80% | 0% |
| Asian/Pacific Islander | 0 | 8 | 0 | 7 | 0% | 88% | 0 | 7 | 0% | 88% |
| Black/African American | 2 | 0 | 2 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 4 | 5 | 4 | 4 | 100% | 80% | 2 | 2 | 50% | 40% |
| Other | 0 | 3 | 0 | 2 | 0% | 67% | 0 | 2 | 0% | 67% |
| White | 5 | 6 | 4 | 6 | 80% | 100% | 4 | 4 | 80% | 67% |
| Spring 2020 Total | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| American Indian | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Asian | 7 | 0 | 6 | 0 | 86% | 0% | 5 | 0 | 71% | 0% |
| Asian/Pacific Islander | 0 | 6 | 0 | 5 | 0% | 83% | 0 | 2 | 0% | 33% |
| Black/African American | 2 | 0 | 1 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 3 | 0 | 1 | 0 | 33% | 0% | 1 | 0 | 33% | 0% |
| Latinx | 7 | 12 | 2 | 5 | 29% | 42% | 2 | 4 | 29% | 33% |
| Multiple Ethnicities | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Other | 0 | 4 | 0 | 3 | 0% | 75% | 0 | 2 | 0% | 50% |
| White | 10 | 14 | 9 | 12 | 90% | 86% | 8 | 10 | 80% | 71% |
| Fall 2020 Total | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Spring 2021 | | | | | | | | | | |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Latinx | 2 | 1 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| White | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 51 | 67 | 39 | 51 | 76% | 76% | 29 | 39 | 57% | 58% |

| Benchmark | | | | | |
|---|-------|-------|------|-------|------|
| African American | 59 | 52 | 88% | 41 | 69% |
| American Indian | 2 | 2 | 100% | 2 | 100% |
| Asian/Pacific Islander | 318 | 294 | 92% | 261 | 82% |
| Filipino/a | 214 | 186 | 87% | 168 | 79% |
| Latinx | 353 | 299 | 85% | 245 | 69% |
| White | 442 | 397 | 90% | 364 | 82% |
| Other | 126 | 115 | 91% | 100 | 79% |
| Unknown | 24 | 24 | 100% | 20 | 83% |
| Grand Total | 1,538 | 1,369 | 92% | 1,201 | 81% |
| <p>Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17.</p> | | | | | |

Table 4 Annual Persistent Enrollment Outcomes

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|------------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 2 | 0% | 67% |
| Asian | 12 | 0 | 10 | 0 | 83% | 0% | 8 | 0 | 67% | 0% |
| Asian/Pacific Islander | 0 | 11 | 0 | 9 | 0% | 82% | 0 | 8 | 0% | 73% |
| Black/African American | 3 | 0 | 3 | 0 | 100% | 0% | 1 | 0 | 33% | 0% |
| Filipino/a | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 5 | 7 | 5 | 6 | 100% | 86% | 2 | 4 | 40% | 57% |
| Multiple Ethnicities | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 5 | 0 | 3 | 0% | 60% | 0 | 3 | 0% | 60% |
| White | 9 | 10 | 6 | 8 | 67% | 80% | 6 | 6 | 67% | 60% |
| Spring 2020 Total | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| American Indian | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Asian | 8 | 0 | 7 | 0 | 88% | 0% | 5 | 0 | 63% | 0% |
| Asian/Pacific Islander | 0 | 6 | 0 | 5 | 0% | 83% | 0 | 2 | 0% | 33% |
| Black/African American | 3 | 0 | 2 | 0 | 67% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 3 | 0 | 1 | 0 | 33% | 0% | 1 | 0 | 33% | 0% |
| Latinx | 7 | 12 | 2 | 5 | 29% | 42% | 2 | 4 | 29% | 33% |
| Multiple Ethnicities | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Other | 0 | 4 | 0 | 3 | 0% | 75% | 0 | 2 | 0% | 50% |
| White | 10 | 15 | 9 | 13 | 90% | 87% | 8 | 11 | 80% | 73% |
| Fall 2020 Total | 33 | 39 | 23 | 28 | 70% | 72% | 17 | 21 | 52% | 54% |
| Spring 2021 | | | | | | | | | | |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Latinx | 2 | 1 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |

| | | | | | | | | | | |
|---|-------|----|-------|----|------|-----|-------|----|------|-----|
| White | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 67 | 79 | 50 | 59 | 75% | 75% | 36 | 46 | 54% | 58% |
| Benchmark | | | | | | | | | | |
| African American | 94 | | 79 | | 84% | | 65 | | 69% | |
| American Indian | 4 | | 4 | | 100% | | 4 | | 100% | |
| Asian/Pacific Islander | 456 | | 414 | | 91% | | 364 | | 80% | |
| Filipino/a | 311 | | 270 | | 87% | | 238 | | 77% | |
| Latinx | 535 | | 447 | | 84% | | 357 | | 67% | |
| White | 652 | | 579 | | 89% | | 516 | | 79% | |
| Other | 192 | | 171 | | 89% | | 150 | | 78% | |
| Unknown | 35 | | 35 | | 100% | | 31 | | 89% | |
| Grand Total | 2,279 | | 1,999 | | 90% | | 1,725 | | 80% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Course Repetition

| Cohort | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--------------------------|---------------------|-----------|-----------------|-----------|----------------------|------------|-------------------|-----------|------------------------|------------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 31 | 0 | 1 | 0 | 3% | 0% | 4 | 0 | 13% | 0% |
| Asian/Pacific Islander | 0 | 4 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 25% |
| Black/African American | 11 | 0 | 2 | 0 | 18% | 0% | 2 | 0 | 18% | 0% |
| Filipino/a | 23 | 0 | 1 | 0 | 4% | 0% | 1 | 0 | 4% | 0% |
| Latinx | 82 | 14 | 2 | 2 | 2% | 14% | 3 | 2 | 4% | 14% |
| Multiple Ethnicities | 33 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 3% | 0% |
| Other | 0 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 7 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 73 | 11 | 1 | 2 | 1% | 18% | 3 | 2 | 4% | 18% |
| Spring 2020 Total | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 23 | 0 | 2 | 0 | 9% | 0% | 3 | 0 | 13% | 0% |
| Asian/Pacific Islander | 0 | 10 | 0 | 4 | 0% | 40% | 0 | 4 | 0% | 40% |
| Black/African American | 10 | 0 | 2 | 0 | 20% | 0% | 3 | 0 | 30% | 0% |
| Filipino/a | 26 | 0 | 2 | 0 | 8% | 0% | 2 | 0 | 8% | 0% |
| Latinx | 95 | 28 | 5 | 8 | 5% | 29% | 5 | 8 | 5% | 29% |
| Multiple Ethnicities | 30 | 0 | 1 | 0 | 3% | 0% | 1 | 0 | 3% | 0% |
| Other | 0 | 11 | 0 | 2 | 0% | 18% | 0 | 2 | 0% | 18% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 7 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 76 | 17 | 2 | 3 | 3% | 18% | 2 | 3 | 3% | 18% |
| Fall 2020 Total | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 14 | 0 | 1 | 0 | 7% | 0% | 1 | 0 | 7% | 0% |
| Asian/Pacific Islander | 0 | 11 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|--|-------|-----|----|-----|----|-----|----|-----|----|-----|
| Black/African American | 11 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 15 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 91 | 23 | 0 | 1 | 0% | 4% | 0 | 1 | 0% | 4% |
| Multiple Ethnicities | 22 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 8 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 45 | 17 | 0 | 1 | 0% | 6% | 0 | 1 | 0% | 6% |
| Spring 2021 Total | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Grand Total | 729 | 170 | 22 | 24 | 3% | 14% | 31 | 25 | 4% | 15% |
| Benchmark | | | | | | | | | | |
| African American | 53 | 19 | | 36% | | 27 | | 51% | | |
| American Indian | 2 | 0 | | 0% | | 0 | | 0% | | |
| Asian/Pacific Islander | 158 | 65 | | 41% | | 90 | | 57% | | |
| Filipino/a | 108 | 40 | | 37% | | 59 | | 55% | | |
| Latinx | 328 | 88 | | 27% | | 143 | | 44% | | |
| White | 288 | 79 | | 27% | | 125 | | 43% | | |
| Other | 107 | 28 | | 26% | | 45 | | 42% | | |
| Unknown | 12 | 6 | | 50% | | 6 | | 50% | | |
| Grand Total | 1,056 | 325 | | 31% | | 495 | | 43% | | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Term Course Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|------------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 2 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Filipino/a | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 2 | 2 | 0 | 2 | 0% | 100% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 1 | 2 | 1 | 1 | 100% | 50% | 2 | 2 | 200% | 100% |
| Spring 2020 Total | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Asian/Pacific Islander | 0 | 4 | 0 | 1 | 0% | 25% | 0 | 2 | 0% | 50% |
| Black/African American | 2 | 0 | 1 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 2 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Latinx | 5 | 8 | 4 | 4 | 80% | 50% | 0 | 2 | 0% | 25% |
| Multiple Ethnicities | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Other | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 2 | 3 | 1 | 2 | 50% | 67% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |

| | | | | | | | | | | |
|------------------------|----|----|----|----|------|------|---|---|------|-----|
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |

Benchmark

| | | | | | |
|------------------------|-----|-----|------|-----|-----|
| African American | 19 | 14 | 74% | 9 | 47% |
| Asian/Pacific Islander | 65 | 53 | 82% | 37 | 57% |
| Filipino/a | 42 | 27 | 64% | 23 | 55% |
| Latinx | 90 | 66 | 73% | 38 | 42% |
| White | 80 | 67 | 84% | 50 | 63% |
| Other | 28 | 24 | 86% | 19 | 68% |
| Unknown | 5 | 5 | 100% | 4 | 80% |
| Grand Total | 329 | 256 | 80% | 180 | 59% |

Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 7 Annual Course Repetition

| Cohort | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|------------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 4 | 0 | 2 | 0 | 50% | 0% | 1 | 0 | 25% | 0% |
| Asian/Pacific Islander | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Black/African American | 2 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Filipino/a | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 3 | 2 | 1 | 2 | 33% | 100% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 3 | 2 | 2 | 1 | 67% | 50% | 2 | 2 | 67% | 100% |
| Spring 2020 Total | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 3 | 0 | 2 | 0 | 67% | 0% | 1 | 0 | 33% | 0% |
| Asian/Pacific Islander | 0 | 4 | 0 | 1 | 0% | 25% | 0 | 2 | 0% | 50% |
| Black/African American | 3 | 0 | 2 | 0 | 67% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 2 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Latinx | 5 | 8 | 4 | 4 | 80% | 50% | 0 | 2 | 0% | 25% |
| Multiple Ethnicities | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Other | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 2 | 3 | 1 | 2 | 50% | 67% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|--|-----|----|-----|----|------|------|-----|---|------|-----|
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 31 | 25 | 17 | 16 | 55% | 64% | 8 | 7 | 26% | 28% |
| Benchmark | | | | | | | | | | |
| African American | 31 | | 20 | | 65% | | 14 | | 45% | |
| Asian/Pacific Islander | 104 | | 82 | | 79% | | 59 | | 57% | |
| Filipino/a | 69 | | 46 | | 67% | | 36 | | 52% | |
| Latinx | 158 | | 116 | | 73% | | 69 | | 44% | |
| White | 137 | | 115 | | 84% | | 79 | | 58% | |
| Other | 47 | | 39 | | 83% | | 30 | | 64% | |
| Unknown | 5 | | 5 | | 100% | | 4 | | 80% | |
| Grand Total | 551 | | 423 | | 79% | | 291 | | 57% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

ENGL 101 Disproportionate Impacts by Age

Table 1 Cohort Class Outcome

| Cohort | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|-------------------|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 86 | 0 | 82 | 0 | 95% | 0% | 79 | 0 | 92% | 0% |
| 18 - 24 | 554 | 103 | 416 | 80 | 75% | 78% | 353 | 50 | 64% | 49% |
| 25 - 29 | 89 | 16 | 66 | 16 | 74% | 100% | 56 | 13 | 63% | 81% |
| 30 - 39 | 43 | 27 | 34 | 21 | 79% | 78% | 28 | 19 | 65% | 70% |
| 40 - 49 | 16 | 9 | 14 | 8 | 88% | 89% | 13 | 8 | 81% | 89% |
| 50 and > | 10 | 6 | 9 | 5 | 90% | 83% | 8 | 5 | 80% | 83% |
| Under 18 | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 3 | 0% | 100% |
| Spring 2020 Total | 798 | 164 | 621 | 133 | 78% | 81% | 537 | 98 | 67% | 60% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 497 | 0 | 486 | 0 | 98% | 0% | 455 | 0 | 92% | 0% |
| 18 - 24 | 599 | 109 | 506 | 81 | 84% | 74% | 421 | 55 | 70% | 50% |
| 25 - 29 | 75 | 9 | 55 | 7 | 73% | 78% | 47 | 7 | 63% | 78% |
| 30 - 39 | 40 | 16 | 37 | 14 | 93% | 88% | 28 | 11 | 70% | 69% |
| 40 - 49 | 18 | 6 | 13 | 5 | 72% | 83% | 13 | 3 | 72% | 50% |
| 50 and > | 5 | 3 | 2 | 3 | 40% | 100% | 2 | 3 | 40% | 100% |
| Under 18 | 0 | 21 | 0 | 15 | 0% | 71% | 0 | 11 | 0% | 52% |
| Fall 2020 Total | 1234 | 164 | 1099 | 125 | 89% | 76% | 966 | 90 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| 17 and Under | 68 | 0 | 67 | 0 | 99% | 0% | 67 | 0 | 99% | 0% |
| 18 - 24 | 372 | 71 | 297 | 45 | 80% | 63% | 216 | 28 | 58% | 39% |
| 25 - 29 | 65 | 13 | 49 | 10 | 75% | 77% | 36 | 9 | 55% | 69% |
| 30 - 39 | 33 | 26 | 27 | 19 | 82% | 73% | 23 | 16 | 70% | 62% |
| 40 - 49 | 12 | 11 | 11 | 8 | 92% | 73% | 9 | 7 | 75% | 64% |
| 50 and > | 4 | 3 | 3 | 3 | 75% | 100% | 3 | 3 | 75% | 100% |
| Under 18 | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Spring 2021 Total | 554 | 126 | 454 | 87 | 82% | 69% | 354 | 65 | 64% | 52% |
| Grand Total | 2586 | 454 | 2174 | 345 | 84% | 76% | 1857 | 253 | 72% | 56% |
| Benchmark | | | | | | | | | | |

| | | | | | |
|--|--------------|-------------|------------|-------------|------------|
| 17 and Under | 34 | 33 | 97% | 31 | 91% |
| 18 - 24 | 2,973 | 2583 | 87% | 2126 | 72% |
| 25 - 29 | 397 | 331 | 83% | 286 | 72% |
| 30 - 39 | 246 | 203 | 83% | 172 | 70% |
| 40 - 49 | 85 | 77 | 91% | 71 | 84% |
| 50 and > | 35 | 29 | 83% | 28 | 80% |
| Grand Total | 3770 | 3256 | 87% | 2714 | 78% |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 86 | 0 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| 18 - 24 | 554 | 103 | 11 | 16 | 2% | 16% | 16 | 22 | 3% | 21% |
| 25 - 29 | 89 | 16 | 2 | 1 | 2% | 6% | 7 | 1 | 8% | 6% |
| 30 - 39 | 43 | 27 | 3 | 4 | 7% | 15% | 7 | 9 | 16% | 33% |
| 40 - 49 | 16 | 9 | 0 | 3 | 0% | 33% | 0 | 3 | 0% | 33% |
| 50 and > | 10 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| Spring 2020 Total | 798 | 164 | 17 | 25 | 2% | 15% | 31 | 36 | 4% | 22% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 497 | 0 | 4 | 0 | 1% | 0% | 5 | 0 | 1% | 0% |
| 18 - 24 | 599 | 109 | 20 | 29 | 3% | 27% | 21 | 30 | 4% | 28% |
| 25 - 29 | 75 | 9 | 2 | 2 | 3% | 22% | 2 | 2 | 3% | 22% |
| 30 - 39 | 40 | 16 | 4 | 4 | 10% | 25% | 4 | 4 | 10% | 25% |
| 40 - 49 | 18 | 6 | 0 | 1 | 0% | 17% | 0 | 1 | 0% | 17% |
| 50 and > | 5 | 3 | 1 | 0 | 20% | 0% | 1 | 0 | 20% | 0% |
| Under 18 | 0 | 21 | 0 | 2 | 0% | 10% | 0 | 2 | 0% | 10% |
| Fall 2020 Total | 1234 | 164 | 31 | 38 | 3% | 23% | 33 | 39 | 3% | 24% |
| Spring 2021 | | | | | | | | | | |
| 17 and Under | 68 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 372 | 71 | 1 | 3 | 0% | 4% | 1 | 3 | 0% | 4% |
| 25 - 29 | 65 | 13 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 33 | 26 | 2 | 0 | 6% | 0% | 2 | 0 | 6% | 0% |
| 40 - 49 | 12 | 11 | 0 | 1 | 0% | 9% | 0 | 1 | 0% | 9% |
| 50 and > | 4 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 554 | 126 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Grand Total | 2586 | 454 | 51 | 67 | 2% | 15% | 67 | 79 | 3% | 17% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 34 | | 8 | | 24% | | 11 | | 32% | |
| 18 - 24 | 2,973 | | 1283 | | 43% | | 1676 | | 56% | |
| 25 - 29 | 397 | | 130 | | 33% | | 168 | | 42% | |
| 30 - 39 | 246 | | 51 | | 21% | | 74 | | 30% | |

| | | | | | |
|--|------|------|-----|------|-----|
| 40 - 49 | 85 | 12 | 14% | 18 | 21% |
| 50 and > | 35 | 10 | 29% | 13 | 37% |
| Grand Total | 3770 | 1494 | 27% | 1960 | 37% |
| Note. A student is considered persistent if they took another English class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer of fall is considered "next term". For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 3 Cohort Term Persistence

| Cohort | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| 18 - 24 | 11 | 16 | 9 | 13 | 82% | 81% | 4 | 8 | 36% | 50% |
| 25 - 29 | 2 | 1 | 2 | 1 | 100% | 100% | 2 | 1 | 100% | 100% |
| 30 - 39 | 3 | 4 | 3 | 4 | 100% | 100% | 3 | 4 | 100% | 100% |
| 40 - 49 | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 3 | 0% | 100% |
| Under 18 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 4 | 0 | 3 | 0 | 75% | 0% | 3 | 0 | 75% | 0% |
| 18 - 24 | 20 | 29 | 13 | 20 | 65% | 69% | 9 | 14 | 45% | 48% |
| 25 - 29 | 2 | 2 | 2 | 2 | 100% | 100% | 2 | 2 | 100% | 100% |
| 30 - 39 | 4 | 4 | 2 | 2 | 50% | 50% | 2 | 2 | 50% | 50% |
| 40 - 49 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| 50 and > | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Under 18 | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Fall 2020 Total | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 1 | 3 | 1 | 2 | 100% | 67% | 0 | 2 | 0% | 67% |
| 30 - 39 | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| 40 - 49 | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 51 | 67 | 39 | 51 | 76% | 76% | 29 | 39 | 57% | 58% |
| Benchmark | | | | | | | | | | |

| | | | | | |
|--|-------|------|------|------|------|
| 17 and Under | 9 | 9 | 100% | 9 | 100% |
| 18 - 24 | 1,317 | 1173 | 89% | 1024 | 78% |
| 25 - 29 | 135 | 120 | 89% | 107 | 79% |
| 30 - 39 | 53 | 46 | 87% | 41 | 77% |
| 40 - 49 | 12 | 11 | 92% | 10 | 83% |
| 50 and > | 12 | 10 | 83% | 10 | 83% |
| Grand Total | 1538 | 1369 | 90% | 1201 | 84% |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 4 Cohort Annual Persistence

| Cohort | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| 18 - 24 | 16 | 22 | 12 | 17 | 75% | 77% | 6 | 12 | 38% | 55% |
| 25 - 29 | 7 | 1 | 7 | 1 | 100% | 100% | 7 | 1 | 100% | 100% |
| 30 - 39 | 7 | 9 | 4 | 7 | 57% | 78% | 3 | 6 | 43% | 67% |
| 40 - 49 | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 3 | 0% | 100% |
| Under 18 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 5 | 0 | 4 | 0 | 80% | 0% | 3 | 0 | 60% | 0% |
| 18 - 24 | 21 | 30 | 14 | 21 | 67% | 70% | 9 | 15 | 43% | 50% |
| 25 - 29 | 2 | 2 | 2 | 2 | 100% | 100% | 2 | 2 | 100% | 100% |
| 30 - 39 | 4 | 4 | 2 | 2 | 50% | 50% | 2 | 2 | 50% | 50% |
| 40 - 49 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| 50 and > | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 1 | 3 | 1 | 2 | 100% | 67% | 0 | 2 | 0% | 67% |
| 30 - 39 | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| 40 - 49 | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 67 | 79 | 50 | 59 | 75% | 75% | 36 | 46 | 54% | 58% |

| Benchmark | | | | | |
|---|-------|------|------|------|-----|
| 17 and Under | 15 | 15 | 100% | 14 | 93% |
| 18 - 24 | 1,962 | 1728 | 88% | 1483 | 76% |
| 25 - 29 | 183 | 157 | 86% | 137 | 75% |
| 30 - 39 | 83 | 69 | 83% | 63 | 76% |
| 40 - 49 | 20 | 16 | 80% | 14 | 70% |
| 50 and > | 16 | 14 | 88% | 14 | 88% |
| Grand Total | 2279 | 1999 | 87% | 1725 | 80% |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 5 Cohort Repetition Outcomes

| Cohort | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 7 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 201 | 31 | 7 | 5 | 3% | 16% | 10 | 5 | 5% | 16% |
| 25 - 29 | 33 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 15 | 2 | 0 | 0 | 0% | 0% | 4 | 1 | 27% | 50% |
| 40 - 49 | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 2 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 42 | 0 | 1 | 0 | 2% | 0% | 2 | 0 | 5% | 0% |
| 18 - 24 | 178 | 52 | 11 | 14 | 6% | 27% | 12 | 14 | 7% | 27% |
| 25 - 29 | 28 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 12 | 5 | 2 | 2 | 17% | 40% | 2 | 2 | 17% | 40% |
| 40 - 49 | 5 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| 50 and > | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 10 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Spring 2021 | | | | | | | | | | |
| 17 and Under | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 156 | 43 | 1 | 1 | 1% | 2% | 1 | 1 | 1% | 2% |
| 25 - 29 | 29 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|-------------------|-----|-----|----|----|----|-----|----|----|----|-----|
| 30 - 39 | 10 | 10 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 3 | 4 | 0 | 1 | 0% | 25% | 0 | 1 | 0% | 25% |
| 50 and > | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Grand Total | 729 | 170 | 22 | 24 | 3% | 14% | 31 | 25 | 4% | 15% |

Benchmark

| | | | | | |
|--------------|------|-----|-----|-----|-----|
| 17 and Under | 3 | 0 | 0% | 0 | 0% |
| 18 - 24 | 847 | 273 | 32% | 425 | 50% |
| 25 - 29 | 111 | 31 | 28% | 39 | 35% |
| 30 - 39 | 74 | 16 | 22% | 22 | 30% |
| 40 - 49 | 14 | 2 | 14% | 5 | 36% |
| 50 and > | 7 | 3 | 43% | 4 | 57% |
| Grand Total | 1056 | 325 | 23% | 495 | 35% |

Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| 18 - 24 | 7 | 5 | 3 | 4 | 43% | 80% | 3 | 2 | 43% | 40% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 0% | 0% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 11 | 14 | 6 | 7 | 55% | 50% | 3 | 4 | 27% | 29% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 2 | 2 | 1 | 1 | 50% | 50% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 0 | 100% | 0% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |
| Benchmark | | | | | | | | | | |
| 18 - 24 | 277 | | 216 | | 78% | | 148 | | 53% | |
| 25 - 29 | 31 | | 23 | | 74% | | 19 | | 61% | |
| 30 - 39 | 16 | | 14 | | 88% | | 10 | | 63% | |
| 40 - 49 | 2 | | 1 | | 50% | | 1 | | 50% | |
| 50 and > | 3 | | 2 | | 67% | | 2 | | 67% | |
| Grand Total | 329 | | 256 | | 71% | | 180 | | 59% | |

Note. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 7 Cohort Annual Repetition

| Cohort | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|--------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 10 | 5 | 5 | 4 | 50% | 80% | 3 | 2 | 30% | 40% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | #DIV/0! |
| Spring 2020 Total | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 2 | 0 | 1 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 12 | 14 | 7 | 7 | 58% | 50% | 3 | 4 | 25% | 29% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 2 | 2 | 1 | 1 | 50% | 50% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Spring 2021 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 0 | 100% | 0% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 31 | 25 | 17 | 16 | 55% | 64% | 8 | 7 | 26% | 28% |
| Benchmark | | | | | | | | | | |
| 18 - 24 | 473 | | 366 | | 77% | | 247 | | 52% | |

| | | | | | |
|--------------------|------------|------------|------------|------------|------------|
| 25 - 29 | 44 | 33 | 75% | 25 | 57% |
| 30 - 39 | 24 | 18 | 75% | 13 | 54% |
| 40 - 49 | 6 | 3 | 50% | 3 | 50% |
| 50 and > | 4 | 3 | 75% | 3 | 75% |
| Grand Total | 551 | 423 | 70% | 291 | 58% |

Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

ENGL 101 Disproportionate Impacts by Academic Standing

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 798 | 162 | 621 | 131 | 78% | 81% | 537 | 96 | 67% | 59% |
| Unknown | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Spring 2020 Total | 798 | 164 | 621 | 133 | 78% | 81% | 537 | 98 | 67% | 60% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 19 | 8 | 6 | 5 | 32% | 63% | 0 | 1 | 0% | 13% |
| Good Standing | 1074 | 124 | 1003 | 105 | 93% | 85% | 931 | 87 | 87% | 70% |
| Probation | 141 | 32 | 90 | 15 | 64% | 47% | 35 | 2 | 25% | 6% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1234 | 164 | 1099 | 125 | 89% | 76% | 966 | 90 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 52 | 11 | 32 | 6 | 62% | 55% | 5 | 0 | 10% | 0% |
| Good Standing | 411 | 90 | 364 | 71 | 89% | 79% | 328 | 62 | 80% | 69% |
| Probation | 91 | 25 | 58 | 10 | 64% | 40% | 21 | 3 | 23% | 12% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 554 | 126 | 454 | 87 | 82% | 69% | 354 | 65 | 64% | 52% |
| Grand Total | 2586 | 454 | 2174 | 345 | 84% | 76% | 1857 | 253 | 72% | 56% |
| Benchmark | | | | | | | | | | |
| Good Standing | 3,161 | | 2,843 | | 90% | | 2,541 | | 80% | |
| Probation | 404 | | 278 | | 69% | | 128 | | 32% | |
| Disqualified | 192 | | 122 | | 64% | | 32 | | 17% | |
| Unknown | 13 | | 13 | | 100% | | 13 | | 100% | |
| Grand Total | 3,770 | | 3,256 | | 86% | | 2,714 | | 72% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Cohort Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--|-------------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 798 | 162 | 17 | 24 | 2% | 15% | 30 | 35 | 4% | 22% |
| Unknown | 0 | 2 | 0 | 1 | 0% | 50% | 1 | 1 | 0% | 50% |
| Spring 2020 Total | 798 | 164 | 17 | 25 | 2% | 15% | 31 | 36 | 4% | 22% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 19 | 8 | 0 | 1 | 0% | 13% | 0 | 1 | 0% | 13% |
| Good Standing | 1074 | 124 | 24 | 29 | 2% | 23% | 26 | 30 | 2% | 24% |
| Probation | 141 | 32 | 7 | 8 | 5% | 25% | 7 | 8 | 5% | 25% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1234 | 164 | 31 | 38 | 3% | 23% | 33 | 39 | 3% | 24% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 52 | 11 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 411 | 90 | 3 | 3 | 1% | 3% | 3 | 3 | 1% | 3% |
| Probation | 91 | 25 | 0 | 1 | 0% | 4% | 0 | 1 | 0% | 4% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 554 | 126 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Grand Total | 2586 | 454 | 51 | 67 | 2% | 15% | 67 | 79 | 3% | 17% |
| Benchmark | | | | | | | | | | |
| Good Standing | 3,161 | | 1,330 | | 42% | | 1,713 | | 54% | |
| Probation | 404 | | 134 | | 33% | | 189 | | 47% | |
| Disqualified | 192 | | 30 | | 16% | | 47 | | 24% | |
| Unknown | 13 | | | | | | 1 | | 8% | |
| Grand Total | 3,770 | | 1,494 | | 40% | | 1,950 | | 52% | |
| Note. A student is considered persistent if they took another English class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| Cohort | Enrollment | | Term Retention Count | | Term Persistence Retention Rate | | Success Count | | Term Persistence Success Rate | |
|-------------------|------------|-----------|----------------------|-----------|---------------------------------|-----------|---------------|-----------|-------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 17 | 24 | 15 | 21 | 88% | 88% | 10 | 16 | 59% | 67% |
| Unknown | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Good Standing | 24 | 29 | 18 | 22 | 75% | 76% | 16 | 20 | 67% | 69% |
| Probation | 7 | 8 | 3 | 4 | 43% | 50% | 1 | 0 | 14% | 0% |
| Fall 2020 Total | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Spring 2021 | | | | | | | | | | |
| Good Standing | 3 | 3 | 3 | 2 | 100% | 67% | 2 | 2 | 67% | 67% |
| Probation | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 51 | 67 | 39 | 51 | 76% | 76% | 29 | 39 | 57% | 58% |
| Benchmark | | | | | | | | | | |
| Good Standing | 1,370 | | 1,241 | | 91% | | 1,127 | | 82% | |
| Probation | 137 | | 105 | | 77% | | 58 | | 42% | |
| Disqualified | 31 | | 23 | | 74% | | 16 | | 52% | |
| Grand Total | 1,538 | | 1,369 | | 89% | | 1,201 | | 78% | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Count | | Annual Persistence Retention Rate | | Annual Success Count | | Annual Persistence Success Rate | |
|--|------------|-----------|------------------------|-----------|-----------------------------------|-----------|----------------------|-----------|---------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 30 | 35 | 23 | 28 | 77% | 80% | 16 | 22 | 53% | 63% |
| Unknown | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Spring 2020 Total | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Good Standing | 26 | 30 | 20 | 23 | 77% | 77% | 16 | 21 | 62% | 70% |
| Probation | 7 | 8 | 3 | 4 | 43% | 50% | 1 | 0 | 14% | 0% |
| Fall 2020 Total | 33 | 39 | 23 | 28 | 70% | 72% | 17 | 21 | 52% | 54% |
| Spring 2021 | | | | | | | | | | |
| Good Standing | 3 | 3 | 3 | 2 | 100% | 67% | 2 | 2 | 67% | 67% |
| Probation | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 67 | 79 | 50 | 59 | 75% | 75% | 36 | 46 | 54% | 58% |
| Benchmark | | | | | | | | | | |
| Good Standing | 1,996 | | 1,785 | | 89% | | 1,597 | | 80% | |
| Probation | 230 | | 176 | | 77% | | 102 | | 44% | |
| Disqualified | 52 | | 37 | | 71% | | 25 | | 48% | |
| Unknown | 1 | | 1 | | 100% | | 1 | | 100% | |
| Grand Total | 2,279 | | 1,999 | | 88% | | 1,725 | | 76% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Spring 2020 Total | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 19 | 7 | 0 | 1 | 0% | 14% | 0 | 1 | 0% | 14% |
| Good Standing | 143 | 35 | 8 | 8 | 6% | 23% | 10 | 8 | 7% | 23% |
| Probation | 106 | 30 | 6 | 8 | 6% | 27% | 6 | 8 | 6% | 27% |
| Fall 2020 Total | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 47 | 11 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 83 | 28 | 1 | 1 | 1% | 4% | 1 | 1 | 1% | 4% |
| Probation | 70 | 22 | 0 | 1 | 0% | 5% | 0 | 1 | 0% | 5% |
| Spring 2021 Total | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Grand Total | 729 | 170 | 22 | 24 | 3% | 14% | 31 | 25 | 4% | 15% |
| Benchmark | | | | | | | | | | |
| Good Standing | 620 | | 221 | | 36% | | 336 | | 54% | |
| Probation | 276 | | 80 | | 29% | | 122 | | 44% | |
| Disqualified | 160 | | 24 | | 15% | | 37 | | 23% | |
| Grand Total | 1,056 | | 325 | | 31% | | 495 | | 47% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Spring 2020 Total | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| Good Standing | 8 | 8 | 3 | 4 | 38% | 50% | 2 | 3 | 25% | 38% |
| Probation | 6 | 8 | 4 | 5 | 67% | 63% | 1 | 1 | 17% | 13% |
| Fall 2020 Total | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 0 | 100% | 0% |
| Probation | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |
| Benchmark | | | | | | | | | | |
| Good Standing | 225 | | 177 | | 79% | | 138 | | 61% | |
| Probation | 80 | | 59 | | 74% | | 27 | | 34% | |
| Disqualified | 24 | | 20 | | 83% | | 15 | | 63% | |
| Grand Total | 329 | | 256 | | 78% | | 180 | | 55% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|--|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Spring 2020 Total | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| Good Standing | 10 | 8 | 5 | 4 | 50% | 50% | 2 | 3 | 20% | 38% |
| Probation | 6 | 8 | 4 | 5 | 67% | 63% | 1 | 1 | 17% | 13% |
| Fall 2020 Total | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 0 | 100% | 0% |
| Probation | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 31 | 25 | 17 | 16 | 55% | 64% | 8 | 7 | 26% | 28% |
| Benchmark | | | | | | | | | | |
| Good Standing | 375 | | 295 | | 79% | | 223 | | 59% | |
| Probation | 139 | | 101 | | 73% | | 49 | | 35% | |
| Disqualified | 37 | | 27 | | 73% | | 19 | | 51% | |
| Grand Total | 551 | | 423 | | 77% | | 291 | | 53% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

ENGL 101 Disproportionate Impacts by DSPS

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 29 | 13 | 21 | 8 | 72% | 62% | 15 | 7 | 52% | 54% |
| Unknown | 769 | 151 | 600 | 125 | 78% | 83% | 522 | 91 | 68% | 60% |
| Spring 2020 Total | 798 | 164 | 621 | 133 | 78% | 81% | 537 | 98 | 67% | 60% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 38 | 9 | 37 | 8 | 97% | 89% | 34 | 7 | 89% | 78% |
| Unknown | 1196 | 155 | 1062 | 117 | 89% | 75% | 932 | 83 | 78% | 54% |
| Fall 2020 Total | 1234 | 164 | 1099 | 125 | 89% | 76% | 966 | 90 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 11 | 9 | 8 | 6 | 73% | 67% | 5 | 4 | 45% | 44% |
| Unknown | 543 | 117 | 446 | 81 | 82% | 69% | 349 | 61 | 64% | 52% |
| Spring 2021 Total | 554 | 126 | 454 | 87 | 82% | 69% | 354 | 65 | 64% | 52% |
| Grand Total | 2586 | 454 | 2174 | 345 | 84% | 76% | 1857 | 253 | 72% | 56% |
| Benchmark | | | | | | | | | | |
| DSPS | 214 | | 197 | | 92% | | 161 | | 75% | |
| Not DSPS | 3,556 | | 3,059 | | 86% | | 2,553 | | 72% | |
| Grand Total | 3,770 | | 3,256 | | 86% | | 2,714 | | 72% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 29 | 13 | 0 | 1 | 0% | 8% | 0 | 2 | 0% | 15% |
| Unknown | 769 | 151 | 17 | 24 | 2% | 16% | 31 | 34 | 4% | 23% |
| Spring 2020 Total | 798 | 164 | 17 | 25 | 2% | 15% | 31 | 36 | 4% | 22% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 38 | 9 | 0 | 1 | 0% | 11% | 0 | 1 | 0% | 11% |
| Unknown | 1196 | 155 | 31 | 37 | 3% | 24% | 33 | 38 | 3% | 25% |
| Fall 2020 Total | 1234 | 164 | 31 | 38 | 3% | 23% | 33 | 39 | 3% | 24% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 11 | 9 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 543 | 117 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Spring 2021 Total | 554 | 126 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Grand Total | 2586 | 454 | 51 | 67 | 2% | 15% | 67 | 79 | 3% | 17% |
| Benchmark | | | | | | | | | | |
| DSPS | 214 | | 69 | | 32% | | 91 | | 43% | |
| Not DSPS | 3,556 | | 1,425 | | 40% | | 1,859 | | 52% | |
| Grand Total | 3,770 | | 1,494 | | 40% | | 1,950 | | 52% | |
| Note. A student is considered persistent if they took another English class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| Cohort | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Unknown | 17 | 24 | 15 | 21 | 88% | 88% | 10 | 17 | 59% | 71% |
| Spring 2020 Total | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Unknown | 31 | 37 | 21 | 26 | 68% | 70% | 17 | 19 | 55% | 51% |
| Fall 2020 Total | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Spring 2021 | | | | | | | | | | |
| Unknown | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 51 | 67 | 39 | 51 | 76% | 76% | 29 | 39 | 57% | 58% |
| Benchmark | | | | | | | | | | |
| DSPS | 71 | | 63 | | 89% | | 53 | | 75% | |
| Not DSPS | 1,467 | | 1,306 | | 89% | | 1,148 | | 78% | |
| Grand Total | 1,538 | | 1,369 | | 89% | | 1,201 | | 78% | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|--|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| Unknown | 31 | 34 | 24 | 27 | 77% | 79% | 17 | 22 | 55% | 65% |
| Spring 2020 Total | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Unknown | 33 | 38 | 23 | 27 | 70% | 71% | 17 | 20 | 52% | 53% |
| Fall 2020 Total | 33 | 39 | 23 | 28 | 70% | 72% | 17 | 21 | 52% | 54% |
| Spring 2021 | | | | | | | | | | |
| Unknown | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 67 | 79 | 50 | 59 | 75% | 75% | 36 | 46 | 54% | 58% |
| Benchmark | | | | | | | | | | |
| Benchmark DSPS | 104 | | 94 | | 90% | | 82 | | 79% | |
| Not DSPS | 2,175 | | 1,905 | | 88% | | 1,643 | | 76% | |
| Grand Total | 2,279 | | 1,999 | | 88% | | 1,725 | | 76% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 14 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Unknown | 247 | 36 | 7 | 4 | 3% | 11% | 14 | 5 | 6% | 14% |
| Spring 2020 Total | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 4 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 264 | 70 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Fall 2020 Total | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 6 | 5 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 194 | 56 | 1 | 2 | 1% | 4% | 1 | 2 | 1% | 4% |
| Spring 2021 Total | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Grand Total | 729 | 170 | 22 | 24 | 3% | 14% | 31 | 25 | 4% | 15% |
| Benchmark | | | | | | | | | | |
| DSPS | 53 | | 16 | | 30% | | 24 | | 45% | |
| Not DSPS | 1,003 | | 309 | | 31% | | 471 | | 47% | |
| Grand Total | 1,056 | | 325 | | 31% | | 495 | | 47% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Unknown | 7 | 4 | 3 | 3 | 43% | 75% | 4 | 1 | 57% | 25% |
| Spring 2020 Total | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Fall 2020 Total | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |
| Benchmark | | | | | | | | | | |
| DSPS | 17 | | 14 | | 82% | | 7 | | 41% | |
| Not DSPS | 312 | | 242 | | 78% | | 173 | | 55% | |
| Grand Total | 329 | | 256 | | 78% | | 180 | | 55% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|--|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Unknown | 14 | 5 | 7 | 4 | 50% | 80% | 4 | 1 | 29% | 20% |
| Spring 2020 Total | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Fall 2020 Total | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 31 | 25 | 17 | 16 | 55% | 64% | 8 | 7 | 26% | 28% |
| Benchmark | | | | | | | | | | |
| DSPS | 26 | | 22 | | 85% | | 15 | | 58% | |
| Not DSPS | 525 | | 401 | | 76% | | 276 | | 53% | |
| Grand Total | 551 | | 423 | | 77% | | 291 | | 53% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

ENGL 101 Disproportionate Impacts by First Generation

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 97 | 18 | 67 | 15 | 69% | 83% | 58 | 11 | 60% | 61% |
| Not First Gen. | 266 | 38 | 213 | 27 | 80% | 71% | 180 | 18 | 68% | 47% |
| Unknown | 435 | 108 | 341 | 91 | 78% | 84% | 299 | 69 | 69% | 64% |
| Spring 2020 Total | 798 | 164 | 621 | 133 | 78% | 81% | 537 | 98 | 67% | 60% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 156 | 26 | 141 | 20 | 90% | 77% | 119 | 12 | 76% | 46% |
| Not First Gen. | 666 | 69 | 602 | 56 | 90% | 81% | 533 | 40 | 80% | 58% |
| Unknown | 412 | 69 | 356 | 49 | 86% | 71% | 314 | 38 | 76% | 55% |
| Fall 2020 Total | 1234 | 164 | 1099 | 125 | 89% | 76% | 966 | 90 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 109 | 28 | 82 | 21 | 75% | 75% | 52 | 12 | 48% | 43% |
| Not First Gen. | 304 | 42 | 259 | 31 | 85% | 74% | 209 | 26 | 69% | 62% |
| Unknown | 141 | 56 | 113 | 35 | 80% | 63% | 93 | 27 | 66% | 48% |
| Spring 2021 Total | 554 | 126 | 454 | 87 | 82% | 69% | 354 | 65 | 64% | 52% |
| Grand Total | 2586 | 454 | 2174 | 345 | 84% | 76% | 1857 | 253 | 72% | 56% |
| Benchmark | | | | | | | | | | |
| First Gen. | 820 | | 678 | | 83% | | 558 | | 68% | |
| Not First Gen. | 2,950 | | 2,578 | | 87% | | 2,156 | | 73% | |
| Grand Total | 3,770 | | 3,256 | | 86% | | 2,714 | | 72% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | | | | | | | | |
|---|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 97 | 18 | 0 | 2 | 0% | 11% | 4 | 3 | 4% | 17% |
| Not First Gen. | 266 | 38 | 5 | 7 | 2% | 18% | 6 | 10 | 2% | 26% |
| Unknown | 435 | 108 | 12 | 16 | 3% | 15% | 21 | 23 | 5% | 21% |
| Spring 2020 Total | 798 | 164 | 17 | 25 | 2% | 15% | 31 | 36 | 4% | 22% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 156 | 26 | 4 | 6 | 3% | 23% | 4 | 6 | 3% | 23% |
| Not First Gen. | 666 | 69 | 14 | 18 | 2% | 26% | 16 | 19 | 2% | 28% |
| Unknown | 412 | 69 | 13 | 14 | 3% | 20% | 13 | 14 | 3% | 20% |
| Fall 2020 Total | 1234 | 164 | 31 | 38 | 3% | 23% | 33 | 39 | 3% | 24% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 109 | 28 | 1 | 1 | 1% | 4% | 1 | 1 | 1% | 4% |
| Not First Gen. | 304 | 42 | 2 | 3 | 1% | 7% | 2 | 3 | 1% | 7% |
| Unknown | 141 | 56 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 554 | 126 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Grand Total | 2586 | 454 | 51 | 67 | 2% | 15% | 67 | 79 | 3% | 17% |
| Benchmark | | | | | | | | | | |
| First Gen. | 820 | | 340 | | 41% | | 425 | | 52% | |
| Not First Gen. | 2,950 | | 1,154 | | 39% | | 1,525 | | 52% | |
| Grand Total | 3,770 | | 1,494 | | 40% | | 1,950 | | 52% | |
| <i>Note.</i> A student is considered persistent if they took another English class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| Not First Gen. | 5 | 7 | 4 | 6 | 80% | 86% | 3 | 4 | 60% | 57% |
| Unknown | 12 | 16 | 11 | 14 | 92% | 88% | 7 | 12 | 58% | 75% |
| Spring 2020 Total | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 4 | 6 | 2 | 4 | 50% | 67% | 1 | 3 | 25% | 50% |
| Not First Gen. | 14 | 18 | 12 | 13 | 86% | 72% | 10 | 8 | 71% | 44% |
| Unknown | 13 | 14 | 7 | 10 | 54% | 71% | 6 | 9 | 46% | 64% |
| Fall 2020 Total | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 2 | 3 | 2 | 2 | 100% | 67% | 2 | 2 | 100% | 67% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 51 | 67 | 39 | 51 | 76% | 76% | 29 | 39 | 57% | 58% |
| Benchmark | | | | | | | | | | |
| First Gen. | 352 | | 312 | | 89% | | 265 | | 75% | |
| Not First Gen. | 1,186 | | 1,057 | | 89% | | 936 | | 79% | |
| Grand Total | 1,538 | | 1,369 | | 89% | | 1,201 | | 78% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|--|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 4 | 3 | 3 | 3 | 75% | 100% | 2 | 2 | 50% | 67% |
| Not First Gen. | 6 | 10 | 4 | 7 | 67% | 70% | 3 | 5 | 50% | 50% |
| Unknown | 21 | 23 | 17 | 19 | 81% | 83% | 12 | 16 | 57% | 70% |
| Spring 2020 Total | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 4 | 6 | 2 | 4 | 50% | 67% | 1 | 3 | 25% | 50% |
| Not First Gen. | 16 | 19 | 14 | 14 | 88% | 74% | 10 | 9 | 63% | 47% |
| Unknown | 13 | 14 | 7 | 10 | 54% | 71% | 6 | 9 | 46% | 64% |
| Fall 2020 Total | 33 | 39 | 23 | 28 | 70% | 72% | 17 | 21 | 52% | 54% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 2 | 3 | 2 | 2 | 100% | 67% | 2 | 2 | 100% | 67% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 67 | 79 | 50 | 59 | 75% | 75% | 36 | 46 | 54% | 58% |
| Benchmark | | | | | | | | | | |
| First Gen. | 500 | | 432 | | 86% | | 365 | | 73% | |
| Not First Gen. | 1,779 | | 1,567 | | 88% | | 1,360 | | 76% | |
| Grand Total | 2,279 | | 1,999 | | 88% | | 1,725 | | 76% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 39 | 4 | 0 | 1 | 0% | 25% | 2 | 1 | 5% | 25% |
| Not First Gen. | 86 | 11 | 2 | 2 | 2% | 18% | 3 | 2 | 3% | 18% |
| Unknown | 136 | 22 | 5 | 2 | 4% | 9% | 9 | 3 | 7% | 14% |
| Spring 2020 Total | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 37 | 14 | 3 | 3 | 8% | 21% | 3 | 3 | 8% | 21% |
| Not First Gen. | 133 | 28 | 4 | 9 | 3% | 32% | 6 | 9 | 5% | 32% |
| Unknown | 98 | 30 | 7 | 5 | 7% | 17% | 7 | 5 | 7% | 17% |
| Fall 2020 Total | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 57 | 16 | 1 | 1 | 2% | 6% | 1 | 1 | 2% | 6% |
| Not First Gen. | 95 | 16 | 0 | 1 | 0% | 6% | 0 | 1 | 0% | 6% |
| Unknown | 48 | 29 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Grand Total | 729 | 170 | 22 | 24 | 3% | 14% | 31 | 25 | 4% | 15% |
| Benchmark | | | | | | | | | | |
| First Gen. | 262 | | 92 | | 35% | | 123 | | 47% | |
| Not First Gen. | 794 | | 233 | | 29% | | 372 | | 47% | |
| Grand Total | 1,056 | | 325 | | 31% | | 495 | | 47% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 0 | 1 | 0 | 1 | 0% | 100% | 1 | 0 | 0% | 0% |
| Not First Gen. | 2 | 2 | 2 | 1 | 100% | 50% | 0 | 2 | 0% | 100% |
| Unknown | 5 | 2 | 1 | 2 | 20% | 100% | 3 | 0 | 60% | 0% |
| Spring 2020 Total | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 3 | 3 | 2 | 2 | 67% | 67% | 0 | 1 | 0% | 33% |
| Not First Gen. | 4 | 9 | 2 | 5 | 50% | 56% | 2 | 3 | 50% | 33% |
| Unknown | 7 | 5 | 3 | 2 | 43% | 40% | 1 | 1 | 14% | 20% |
| Fall 2020 Total | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 0 | 100% | 0% |
| Not First Gen. | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |
| Benchmark | | | | | | | | | | |
| First Gen. | 94 | | 72 | | 77% | | 50 | | 53% | |
| Not First Gen. | 235 | | 184 | | 78% | | 130 | | 55% | |
| Grand Total | 329 | | 256 | | 78% | | 180 | | 55% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|--|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 2 | 1 | 2 | 1 | 100% | 100% | 1 | 0 | 50% | 0% |
| Not First Gen. | 3 | 2 | 3 | 1 | 100% | 50% | 0 | 2 | 0% | 100% |
| Unknown | 9 | 3 | 2 | 3 | 22% | 100% | 3 | 0 | 33% | 0% |
| Spring 2020 Total | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 3 | 3 | 2 | 2 | 67% | 67% | 0 | 1 | 0% | 33% |
| Not First Gen. | 6 | 9 | 4 | 5 | 67% | 56% | 2 | 3 | 33% | 33% |
| Unknown | 7 | 5 | 3 | 2 | 43% | 40% | 1 | 1 | 14% | 20% |
| Fall 2020 Total | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 0 | 100% | 0% |
| Not First Gen. | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 31 | 25 | 17 | 16 | 55% | 64% | 8 | 7 | 26% | 28% |
| Benchmark | | | | | | | | | | |
| First Gen. | 136 | | 104 | | 76% | | 73 | | 54% | |
| Not First Gen. | 415 | | 319 | | 77% | | 218 | | 53% | |
| Grand Total | 551 | | 423 | | 77% | | 291 | | 53% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

ENGL 101 Disproportionate Impacts by Foster Status

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 6 | 1 | 5 | 1 | 83% | 100% | 2 | 0 | 33% | 0% |
| Not Foster Youth | 792 | 163 | 616 | 132 | 78% | 81% | 535 | 98 | 68% | 60% |
| Spring 2020 Total | 798 | 164 | 621 | 133 | 78% | 81% | 537 | 98 | 67% | 60% |
| Fall 2020 | | | | | | | | | | |
| Foster Youth | 4 | 0 | 4 | 0 | 100% | 0% | 4 | 0 | 100% | 0% |
| Not Foster Youth | 1230 | 164 | 1095 | 125 | 89% | 76% | 962 | 90 | 78% | 55% |
| Fall 2020 Total | 1234 | 164 | 1099 | 125 | 89% | 76% | 966 | 90 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 7 | 2 | 5 | 1 | 71% | 50% | 3 | 0 | 43% | 0% |
| Not Foster Youth | 547 | 124 | 449 | 86 | 82% | 69% | 351 | 65 | 64% | 52% |
| Spring 2021 Total | 554 | 126 | 454 | 87 | 82% | 69% | 354 | 65 | 64% | 52% |
| Grand Total | 2586 | 454 | 2174 | 345 | 84% | 76% | 1857 | 253 | 72% | 56% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 70 | | 57 | | 81% | | 48 | | 69% | |
| Not Foster Youth | 3,626 | | 3,138 | | 87% | | 2,615 | | 72% | |
| Unknown | 74 | | 61 | | 82% | | 51 | | 69% | |
| Grand Total | 3,770 | | 3,256 | | 86% | | 2,714 | | 72% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|---|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 6 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 792 | 163 | 17 | 25 | 2% | 15% | 31 | 36 | 4% | 22% |
| Spring 2020 Total | 798 | 164 | 17 | 25 | 2% | 15% | 31 | 36 | 4% | 22% |
| Fall 2020 | | | | | | | | | | |
| Foster Youth | 4 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 1230 | 164 | 31 | 38 | 3% | 23% | 33 | 39 | 3% | 24% |
| Fall 2020 Total | 1234 | 164 | 31 | 38 | 3% | 23% | 33 | 39 | 3% | 24% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 7 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 547 | 124 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Spring 2021 Total | 554 | 126 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Grand Total | 2586 | 454 | 51 | 67 | 2% | 15% | 67 | 79 | 3% | 17% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 70 | | 27 | | 39% | | 33 | | 47% | |
| Not Foster Youth | 3,626 | | 1,446 | | 40% | | 1,889 | | 52% | |
| Unknown | 74 | | 21 | | 28% | | 28 | | 38% | |
| Grand Total | 3,770 | | 1,494 | | 40% | | 1,950 | | 52% | |
| <i>Note.</i> A student is considered persistent if they took another English class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| Cohort | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Not Foster Youth | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Spring 2020 Total | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Fall 2020 Total | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Spring 2021 | | | | | | | | | | |
| Not Foster Youth | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 51 | 67 | 39 | 51 | 76% | 76% | 29 | 39 | 57% | 58% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 28 | | 23 | | 82% | | 20 | | 71% | |
| Not Foster Youth | 1,489 | | 1,326 | | 89% | | 1,165 | | 78% | |
| Unknown | 21 | | 20 | | 95% | | 16 | | 76% | |
| Grand Total | 1,538 | | 1,369 | | 89% | | 1,201 | | 78% | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|---|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Not Foster Youth | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% |
| Spring 2020 Total | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 33 | 39 | 23 | 28 | 70% | 72% | 17 | 21 | 52% | 54% |
| Fall 2020 Total | 33 | 39 | 23 | 28 | 70% | 72% | 17 | 21 | 52% | 54% |
| Spring 2021 | | | | | | | | | | |
| Not Foster Youth | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 67 | 79 | 50 | 59 | 75% | 75% | 36 | 46 | 54% | 58% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 40 | | 33 | | 83% | | 29 | | 73% | |
| Not Foster Youth | 2,201 | | 1,934 | | 88% | | 1,668 | | 76% | |
| Unknown | 38 | | 32 | | 84% | | 28 | | 74% | |
| Grand Total | 2,279 | | 1,999 | | 88% | | 1,725 | | 76% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 4 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 257 | 36 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 17% |
| Spring 2020 Total | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Fall 2020 Total | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 4 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 196 | 59 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Spring 2021 Total | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Grand Total | 729 | 170 | 22 | 24 | 3% | 14% | 31 | 25 | 4% | 15% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 22 | | 8 | | 36% | | 10 | | 45% | |
| Not Foster Youth | 1,011 | | 312 | | 31% | | 477 | | 47% | |
| Unknown | 23 | | 5 | | 22% | | 8 | | 35% | |
| Grand Total | 1,056 | | 325 | | 31% | | 495 | | 47% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Spring 2020 Total | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Fall 2020 Total | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 9 | | 6 | | 67% | | 5 | | 56% | |
| Not Foster Youth | 315 | | 245 | | 78% | | 171 | | 54% | |
| Unknown | 5 | | 5 | | 100% | | 4 | | 80% | |
| Grand Total | 329 | | 256 | | 78% | | 180 | | 55% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|--|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Spring 2020 Total | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Fall 2020 Total | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 31 | 25 | 17 | 16 | 55% | 64% | 8 | 7 | 26% | 28% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 13 | | 10 | | 77% | | 8 | | 62% | |
| Not Foster Youth | 530 | | 406 | | 77% | | 277 | | 52% | |
| Unknown | 8 | | 7 | | 88% | | 6 | | 75% | |
| Grand Total | 551 | | 423 | | 77% | | 291 | | 53% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

ENGL 101 Disproportionate Impacts by Military Status

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 650 | 148 | 495 | 121 | 76% | 82% | 432 | 88 | 66% | 59% |
| Veteran/Active Duty | 148 | 16 | 126 | 12 | 85% | 75% | 105 | 10 | 71% | 63% |
| Spring 2020 Total | 798 | 164 | 621 | 133 | 78% | 81% | 537 | 98 | 67% | 60% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 1095 | 144 | 982 | 106 | 90% | 74% | 862 | 74 | 79% | 51% |
| Veteran/Active Duty | 139 | 20 | 117 | 19 | 84% | 95% | 104 | 16 | 75% | 80% |
| Fall 2020 Total | 1234 | 164 | 1099 | 125 | 89% | 76% | 966 | 90 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 456 | 110 | 372 | 78 | 82% | 71% | 285 | 56 | 63% | 51% |
| Veteran/Active Duty | 98 | 16 | 82 | 9 | 84% | 56% | 69 | 9 | 70% | 56% |
| Spring 2021 Total | 554 | 126 | 454 | 87 | 82% | 69% | 354 | 65 | 64% | 52% |
| Grand Total | 2586 | 454 | 2174 | 345 | 84% | 76% | 1857 | 253 | 72% | 56% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 3,314 | | 2,856 | | 86% | | 2,373 | | 72% | |
| Veteran/Active Duty | 456 | | 400 | | 88% | | 341 | | 75% | |
| Grand Total | 3,770 | | 3,256 | | 86% | | 2,714 | | 72% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|---|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 650 | 148 | 17 | 22 | 3% | 15% | 30 | 31 | 5% | 21% |
| Veteran/Active Duty | 148 | 16 | 0 | 3 | 0% | 19% | 1 | 5 | 1% | 31% |
| Spring 2020 Total | 798 | 164 | 17 | 25 | 2% | 15% | 31 | 36 | 4% | 22% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 1095 | 144 | 27 | 36 | 2% | 25% | 29 | 36 | 3% | 25% |
| Veteran/Active Duty | 139 | 20 | 4 | 2 | 3% | 10% | 4 | 3 | 3% | 15% |
| Fall 2020 Total | 1234 | 164 | 31 | 38 | 3% | 23% | 33 | 39 | 3% | 24% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 456 | 110 | 2 | 4 | 0% | 4% | 2 | 4 | 0% | 4% |
| Veteran/Active Duty | 98 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Spring 2021 Total | 554 | 126 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Grand Total | 2586 | 454 | 51 | 67 | 2% | 15% | 67 | 79 | 3% | 17% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 3,314 | | 1,349 | | 41% | | 1,776 | | 54% | |
| Veteran/Active Duty | 456 | | 145 | | 32% | | 174 | | 38% | |
| Grand Total | 3,770 | | 1,494 | | 40% | | 1,950 | | 52% | |
| <i>Note.</i> A student is considered persistent if they took another English class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------------|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 17 | 22 | 15 | 19 | 88% | 86% | 10 | 14 | 59% | 64% |
| Veteran/Active Duty | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 3 | 0% | 100% |
| Spring 2020 Total | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 27 | 36 | 17 | 25 | 63% | 69% | 13 | 18 | 48% | 50% |
| Veteran/Active Duty | 4 | 2 | 4 | 2 | 100% | 100% | 4 | 2 | 100% | 100% |
| Fall 2020 Total | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 2 | 4 | 2 | 2 | 100% | 50% | 1 | 2 | 50% | 50% |
| Veteran/Active Duty | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 51 | 67 | 39 | 51 | 76% | 76% | 29 | 39 | 57% | 58% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 1,392 | | 1,242 | | 89% | | 1,089 | | 78% | |
| Veteran/Active Duty | 146 | | 127 | | 87% | | 112 | | 77% | |
| Grand Total | 1,538 | | 1,369 | | 89% | | 1,201 | | 78% | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|--|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 30 | 31 | 24 | 25 | 80% | 81% | 17 | 19 | 57% | 61% |
| Veteran/Active Duty | 1 | 5 | 0 | 4 | 0% | 80% | 0 | 4 | 0% | 80% |
| Spring 2020 Total | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 29 | 36 | 19 | 25 | 66% | 69% | 13 | 18 | 45% | 50% |
| Veteran/Active Duty | 4 | 3 | 4 | 3 | 100% | 100% | 4 | 3 | 100% | 100% |
| Fall 2020 Total | 33 | 39 | 23 | 28 | 70% | 72% | 17 | 21 | 52% | 54% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 2 | 4 | 2 | 2 | 100% | 50% | 1 | 2 | 50% | 50% |
| Veteran/Active Duty | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 67 | 79 | 50 | 59 | 75% | 75% | 36 | 46 | 54% | 58% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 2,085 | | 1,829 | | 88% | | 1,577 | | 76% | |
| Veteran/Active Duty | 194 | | 170 | | 88% | | 148 | | 76% | |
| Grand Total | 2,279 | | 1,999 | | 88% | | 1,725 | | 76% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 218 | 35 | 7 | 5 | 3% | 14% | 13 | 6 | 6% | 17% |
| Veteran/Active Duty | 43 | 2 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Spring 2020 Total | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 233 | 68 | 14 | 17 | 6% | 25% | 16 | 17 | 7% | 25% |
| Veteran/Active Duty | 35 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 171 | 54 | 1 | 2 | 1% | 4% | 1 | 2 | 1% | 4% |
| Veteran/Active Duty | 29 | 7 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Grand Total | 729 | 170 | 22 | 24 | 3% | 14% | 31 | 25 | 4% | 15% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 941 | | 297 | | 32% | | 457 | | 49% | |
| Veteran/Active Duty | 115 | | 28 | | 24% | | 38 | | 33% | |
| Grand Total | 1,056 | | 325 | | 31% | | 495 | | 47% | |
| Note. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------------------|-------------|--------------|-----------------|--------------|-----------------------------------|-----------|---------------|--------------|---------------------------------|--------------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 301 | | 237 | | 79% | | 169 | | 56% | |
| Veteran/Active Duty | 28 | | 19 | | 68% | | 11 | | 39% | |
| Grand Total | 329 | | 256 | | 78% | | 180 | | 55% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|--|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 13 | 6 | 6 | 5 | 46% | 83% | 4 | 2 | 31% | 33% |
| Veteran/Active Duty | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 31 | 25 | 17 | 16 | 55% | 64% | 8 | 7 | 26% | 28% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 508 | | 392 | | 0.77 | | 273 | | 0.54 | |
| Veteran/Active Duty | 43 | | 31 | | 0.72 | | 18 | | 0.42 | |
| Grand Total | 551 | | 423 | | 0.77 | | 291 | | 0.53 | |
| Note. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

ENGL 101 Disproportionate Impacts by Modality

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 591 | 123 | 465 | 99 | 79% | 80% | 400 | 78 | 68% | 63% |
| Online | 207 | 41 | 156 | 34 | 75% | 83% | 137 | 20 | 66% | 49% |
| Spring 2020 Total | 798 | 164 | 621 | 133 | 78% | 81% | 537 | 98 | 67% | 60% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 139 | 0 | 117 | 0 | 84% | 0% | 86 | 0 | 62% | 0% |
| Online | 998 | 45 | 900 | 43 | 90% | 96% | 804 | 32 | 81% | 71% |
| Unknown | 97 | 119 | 82 | 82 | 85% | 69% | 76 | 58 | 78% | 49% |
| Fall 2020 Total | 1234 | 164 | 1099 | 125 | 89% | 76% | 966 | 90 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 95 | 0 | 70 | 0 | 74% | 0% | 36 | 0 | 38% | 0% |
| Online | 334 | 68 | 285 | 59 | 85% | 87% | 249 | 45 | 75% | 66% |
| Unknown | 125 | 58 | 99 | 28 | 79% | 48% | 69 | 20 | 55% | 34% |
| Spring 2021 Total | 554 | 126 | 454 | 87 | 82% | 69% | 354 | 65 | 64% | 52% |
| Grand Total | 2586 | 454 | 2174 | 345 | 84% | 76% | 1857 | 253 | 72% | 56% |
| Benchmark | | | | | | | | | | |
| Day | 2,570 | | 2,247 | | 87% | | 1,855 | | 72% | |
| Evening | 932 | | 788 | | 85% | | 669 | | 72% | |
| Online | 268 | | 221 | | 82% | | 190 | | 71% | |
| Grand Total | 3,770 | | 3,256 | | 86% | | 2,714 | | 72% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 591 | 123 | 15 | 21 | 3% | 17% | 26 | 28 | 4% | 23% |
| Online | 207 | 41 | 2 | 4 | 1% | 10% | 5 | 8 | 2% | 20% |
| Spring 2020 Total | 798 | 164 | 17 | 25 | 2% | 15% | 31 | 36 | 4% | 22% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 139 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 998 | 45 | 4 | 5 | 0% | 11% | 4 | 5 | 0% | 11% |
| Unknown | 97 | 119 | 27 | 33 | 28% | 28% | 29 | 34 | 30% | 29% |
| Fall 2020 Total | 1234 | 164 | 31 | 38 | 3% | 23% | 33 | 39 | 3% | 24% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 95 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 334 | 68 | 2 | 1 | 1% | 1% | 2 | 1 | 1% | 1% |
| Unknown | 125 | 58 | 1 | 3 | 1% | 5% | 1 | 3 | 1% | 5% |
| Spring 2021 Total | 554 | 126 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Grand Total | 2586 | 454 | 51 | 67 | 2% | 15% | 67 | 79 | 3% | 17% |
| Benchmark | | | | | | | | | | |
| Day | 2,570 | | 1,106 | | 43% | | 1,430 | | 56% | |
| Evening | 932 | | 316 | | 34% | | 431 | | 46% | |
| Online | 268 | | 72 | | 27% | | 89 | | 33% | |
| Grand Total | 3,770 | | 1,494 | | 40% | | 1,950 | | 52% | |
| Note. A student is considered persistent if they took another English class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| Cohort | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 15 | 21 | 14 | 19 | 93% | 90% | 9 | 16 | 60% | 76% |
| Online | 2 | 4 | 1 | 3 | 50% | 75% | 1 | 1 | 50% | 25% |
| Spring 2020 Total | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Fall 2020 | | | | | | | | | | |
| Online | 4 | 5 | 4 | 5 | 100% | 100% | 3 | 5 | 75% | 100% |
| Unknown | 27 | 33 | 17 | 22 | 63% | 67% | 14 | 15 | 52% | 45% |
| Fall 2020 Total | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Spring 2021 | | | | | | | | | | |
| Online | 2 | 1 | 2 | 1 | 100% | 100% | 1 | 1 | 50% | 100% |
| Unknown | 1 | 3 | 1 | 1 | 100% | 33% | 1 | 1 | 100% | 33% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 51 | 67 | 39 | 51 | 76% | 76% | 29 | 39 | 57% | 58% |
| Benchmark | | | | | | | | | | |
| Day | 1,135 | | 1,016 | | 90% | | 887 | | 78% | |
| Evening | 326 | | 284 | | 87% | | 252 | | 77% | |
| Online | 77 | | 69 | | 90% | | 62 | | 81% | |
| Grand Total | 1,538 | | 1,369 | | 89% | | 1,201 | | 78% | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|--|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 26 | 28 | 21 | 23 | 81% | 82% | 16 | 20 | 62% | 71% |
| Online | 5 | 8 | 3 | 6 | 60% | 75% | 1 | 3 | 20% | 38% |
| Spring 2020 Total | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% |
| Fall 2020 | | | | | | | | | | |
| Online | 4 | 5 | 4 | 5 | 100% | 100% | 3 | 5 | 75% | 100% |
| Unknown | 29 | 34 | 19 | 23 | 66% | 68% | 14 | 16 | 48% | 47% |
| Fall 2020 Total | 33 | 39 | 23 | 28 | 70% | 72% | 17 | 21 | 52% | 54% |
| Spring 2021 | | | | | | | | | | |
| Online | 2 | 1 | 2 | 1 | 100% | 100% | 1 | 1 | 50% | 100% |
| Unknown | 1 | 3 | 1 | 1 | 100% | 33% | 1 | 1 | 100% | 33% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 67 | 79 | 50 | 59 | 75% | 75% | 36 | 46 | 54% | 58% |
| Benchmark | | | | | | | | | | |
| Day | 1,679 | | 1,480 | | 88% | | 1,275 | | 76% | |
| Evening | 494 | | 425 | | 86% | | 365 | | 74% | |
| Online | 106 | | 94 | | 89% | | 85 | | 80% | |
| Grand Total | 2,279 | | 1,999 | | 88% | | 1,725 | | 76% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 191 | 23 | 6 | 3 | 3% | 13% | 10 | 3 | 5% | 13% |
| Online | 70 | 14 | 1 | 2 | 1% | 14% | 4 | 3 | 6% | 21% |
| Spring 2020 Total | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 53 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 194 | 13 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Unknown | 21 | 59 | 13 | 17 | 62% | 29% | 15 | 17 | 71% | 29% |
| Fall 2020 Total | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 59 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 85 | 23 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Unknown | 56 | 38 | 0 | 2 | 0% | 5% | 0 | 2 | 0% | 5% |
| Spring 2021 Total | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Grand Total | 729 | 170 | 22 | 24 | 3% | 14% | 31 | 25 | 4% | 15% |
| Benchmark | | | | | | | | | | |
| Day | 715 | | 216 | | 30% | | 345 | | 48% | |
| Evening | 263 | | 84 | | 32% | | 122 | | 46% | |
| Online | 78 | | 25 | | 32% | | 28 | | 36% | |
| Grand Total | 1,056 | | 325 | | 31% | | 495 | | 47% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 6 | 3 | 2 | 3 | 33% | 100% | 3 | 1 | 50% | 33% |
| Online | 1 | 2 | 1 | 1 | 100% | 50% | 1 | 1 | 100% | 50% |
| Spring 2020 Total | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 13 | 17 | 7 | 9 | 54% | 53% | 2 | 5 | 15% | 29% |
| Fall 2020 Total | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |
| Benchmark | | | | | | | | | | |
| Day | 219 | | 170 | | 78% | | 113 | | 52% | |
| Evening | 85 | | 64 | | 75% | | 47 | | 55% | |
| Online | 25 | | 22 | | 88% | | 20 | | 80% | |
| Grand Total | 329 | | 256 | | 78% | | 180 | | 55% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|--|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 10 | 3 | 4 | 3 | 40% | 100% | 3 | 1 | 30% | 33% |
| Online | 4 | 3 | 3 | 2 | 75% | 67% | 1 | 1 | 25% | 33% |
| Spring 2020 Total | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 15 | 17 | 9 | 9 | 60% | 53% | 2 | 5 | 13% | 29% |
| Fall 2020 Total | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 31 | 25 | 17 | 16 | 55% | 64% | 8 | 7 | 26% | 28% |
| Benchmark | | | | | | | | | | |
| Day | 386 | | 296 | | 77% | | 197 | | 51% | |
| Evening | 136 | | 103 | | 76% | | 72 | | 53% | |
| Online | 29 | | 24 | | 83% | | 22 | | 76% | |
| Grand Total | 551 | | 423 | | 77% | | 291 | | 53% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

ENGL 101 Disproportionate Impacts by Student Type

Table 1 Cohort Class Outcome

| Cohort | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|-------------------|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 486 | 92 | 382 | 69 | 79% | 75% | 328 | 51 | 67% | 55% |
| Day/Evening | 33 | 6 | 24 | 6 | 73% | 100% | 19 | 3 | 58% | 50% |
| Evening Only | 64 | 25 | 53 | 24 | 83% | 96% | 48 | 24 | 75% | 96% |
| On-Campus/Online | 33 | 5 | 26 | 3 | 79% | 60% | 22 | 1 | 67% | 20% |
| Online Only | 182 | 36 | 136 | 31 | 75% | 86% | 120 | 19 | 66% | 53% |
| Spring 2020 Total | 798 | 164 | 621 | 133 | 78% | 81% | 537 | 98 | 67% | 60% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 124 | 21 | 113 | 15 | 91% | 71% | 86 | 11 | 69% | 52% |
| Day/Evening | 7 | 0 | 5 | 0 | 71% | 0% | 4 | 0 | 57% | 0% |
| Evening Only | 20 | 0 | 10 | 0 | 50% | 0% | 8 | 0 | 40% | 0% |
| On-Campus/Online | 90 | 3 | 78 | 3 | 87% | 100% | 66 | 2 | 73% | 67% |
| Online Only | 924 | 45 | 836 | 41 | 90% | 91% | 751 | 31 | 81% | 69% |
| Unknown | 69 | 95 | 57 | 66 | 83% | 69% | 51 | 46 | 74% | 48% |
| Fall 2020 Total | 1234 | 164 | 1099 | 125 | 89% | 76% | 966 | 90 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 74 | 4 | 58 | 1 | 78% | 25% | 23 | 1 | 31% | 25% |
| Day/Evening | 6 | 0 | 4 | 0 | 67% | 0% | 3 | 0 | 50% | 0% |
| Evening Only | 21 | 1 | 15 | 0 | 71% | 0% | 15 | 0 | 71% | 0% |
| On-Campus/Online | 24 | 4 | 17 | 3 | 71% | 75% | 13 | 2 | 54% | 50% |
| Online Only | 333 | 65 | 283 | 57 | 85% | 88% | 246 | 44 | 74% | 68% |
| Unknown | 96 | 52 | 77 | 26 | 80% | 50% | 54 | 18 | 56% | 35% |
| Spring 2021 Total | 554 | 126 | 454 | 87 | 82% | 69% | 354 | 65 | 64% | 52% |
| Grand Total | 2586 | 454 | 2174 | 345 | 84% | 76% | 1857 | 253 | 72% | 56% |
| Benchmark | | | | | | | | | | |
| Day Only | 2,465 | | 2,157 | | 88% | | 1,780 | | 72% | |
| Day/Evening | 248 | | 216 | | 87% | | 191 | | 77% | |
| Evening Only | 749 | | 624 | | 83% | | 524 | | 70% | |
| On-Campus/Online | 70 | | 63 | | 90% | | 52 | | 74% | |

| | | | | | |
|--|-------|-------|-----|-------|-----|
| Online Only | 238 | 196 | 82% | 167 | 70% |
| Grand Total | 3,770 | 3,256 | 86% | 2,714 | 72% |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 486 | 92 | 8 | 15 | 2% | 16% | 16 | 19 | 3% | 21% |
| Day/Evening | 33 | 6 | 6 | 3 | 18% | 50% | 7 | 3 | 21% | 50% |
| Evening Only | 64 | 25 | 1 | 3 | 2% | 12% | 3 | 6 | 5% | 24% |
| On-Campus/Online | 33 | 5 | 1 | 2 | 3% | 40% | 3 | 2 | 9% | 40% |
| Online Only | 182 | 36 | 1 | 2 | 1% | 6% | 2 | 6 | 1% | 17% |
| Spring 2020 Total | 798 | 164 | 17 | 25 | 2% | 15% | 31 | 36 | 4% | 22% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 124 | 21 | 9 | 3 | 7% | 14% | 9 | 3 | 7% | 14% |
| Day/Evening | 7 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 20 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 90 | 3 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Online Only | 924 | 45 | 5 | 6 | 1% | 13% | 5 | 6 | 1% | 13% |
| Unknown | 69 | 95 | 16 | 29 | 23% | 31% | 18 | 30 | 26% | 32% |
| Fall 2020 Total | 1234 | 164 | 31 | 38 | 3% | 23% | 33 | 39 | 3% | 24% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 74 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Day/Evening | 6 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 21 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 24 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 333 | 65 | 2 | 1 | 1% | 2% | 2 | 1 | 1% | 2% |
| Unknown | 96 | 52 | 1 | 3 | 1% | 6% | 1 | 3 | 1% | 6% |
| Spring 2021 Total | 554 | 126 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Grand Total | 2586 | 454 | 51 | 67 | 2% | 15% | 67 | 79 | 3% | 17% |
| Benchmark | | | | | | | | | | |
| Day Only | 2,465 | | 1,058 | | 43% | | 1,371 | | 56% | |
| Day/Evening | 248 | | 112 | | 45% | | 144 | | 58% | |
| Evening Only | 749 | | 237 | | 32% | | 327 | | 44% | |
| On-Campus/Online | 70 | | 29 | | 41% | | 35 | | 50% | |
| Online Only | 238 | | 58 | | 24% | | 73 | | 31% | |
| Grand Total | 3,770 | | 1,494 | | 40% | | 1,950 | | 52% | |

Note. A student is considered persistent if they took another English class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 8 | 15 | 7 | 13 | 88% | 87% | 5 | 12 | 63% | 80% |
| Day/Evening | 6 | 3 | 6 | 3 | 100% | 100% | 3 | 1 | 50% | 33% |
| Evening Only | 1 | 3 | 1 | 3 | 100% | 100% | 1 | 3 | 100% | 100% |
| On-Campus/Online | 1 | 2 | 0 | 2 | 0% | 100% | 0 | 0 | 0% | 0% |
| Online Only | 1 | 2 | 1 | 1 | 100% | 50% | 1 | 1 | 100% | 50% |
| Spring 2020 Total | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 9 | 3 | 6 | 2 | 67% | 67% | 6 | 2 | 67% | 67% |
| On-Campus/Online | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Online Only | 5 | 6 | 4 | 6 | 80% | 100% | 3 | 6 | 60% | 100% |
| Unknown | 16 | 29 | 10 | 19 | 63% | 66% | 7 | 12 | 44% | 41% |
| Fall 2020 Total | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Spring 2021 | | | | | | | | | | |
| Online Only | 2 | 1 | 2 | 1 | 100% | 100% | 1 | 1 | 50% | 100% |
| Unknown | 1 | 3 | 1 | 1 | 100% | 33% | 1 | 1 | 100% | 33% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 51 | 67 | 39 | 51 | 76% | 76% | 29 | 39 | 57% | 58% |
| Benchmark | | | | | | | | | | |
| Day Only | 1,086 | | 971 | | 89% | | 850 | | 78% | |
| Day/Evening | 115 | | 104 | | 90% | | 91 | | 79% | |
| Evening Only | 245 | | 212 | | 87% | | 186 | | 76% | |
| On-Campus/Online | 30 | | 26 | | 87% | | 25 | | 83% | |
| Online Only | 62 | | 56 | | 90% | | 49 | | 79% | |
| Grand Total | 1,538 | | 1,369 | | 89% | | 1,201 | | 78% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|---|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 16 | 19 | 11 | 14 | 69% | 74% | 9 | 13 | 56% | 68% |
| Day/Evening | 7 | 3 | 7 | 3 | 100% | 100% | 4 | 1 | 57% | 33% |
| Evening Only | 3 | 6 | 3 | 6 | 100% | 100% | 3 | 6 | 100% | 100% |
| On-Campus/Online | 3 | 2 | 1 | 2 | 33% | 100% | 0 | 0 | 0% | 0% |
| Online Only | 2 | 6 | 2 | 4 | 100% | 67% | 1 | 3 | 50% | 50% |
| Spring 2020 Total | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 9 | 3 | 6 | 2 | 67% | 67% | 6 | 2 | 67% | 67% |
| On-Campus/Online | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Online Only | 5 | 6 | 4 | 6 | 80% | 100% | 3 | 6 | 60% | 100% |
| Unknown | 18 | 30 | 12 | 20 | 67% | 67% | 7 | 13 | 39% | 43% |
| Fall 2020 Total | 33 | 39 | 23 | 28 | 70% | 72% | 17 | 21 | 52% | 54% |
| Spring 2021 | | | | | | | | | | |
| Online Only | 2 | 1 | 2 | 1 | 100% | 100% | 1 | 1 | 50% | 100% |
| Unknown | 1 | 3 | 1 | 1 | 100% | 33% | 1 | 1 | 100% | 33% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 67 | 79 | 50 | 59 | 75% | 75% | 36 | 46 | 54% | 58% |
| Benchmark | | | | | | | | | | |
| Day Only | 1,605 | | 1,414 | | 88% | | 1,219 | | 76% | |
| Day/Evening | 171 | | 152 | | 89% | | 133 | | 78% | |
| Evening Only | 373 | | 318 | | 85% | | 268 | | 72% | |
| On-Campus/Online | 41 | | 36 | | 88% | | 35 | | 85% | |
| Online Only | 89 | | 79 | | 89% | | 70 | | 79% | |
| Grand Total | 2,279 | | 1,999 | | 88% | | 1,725 | | 76% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| Cohort | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 158 | 20 | 3 | 1 | 2% | 5% | 7 | 1 | 4% | 5% |
| Day/Evening | 14 | 3 | 3 | 2 | 21% | 67% | 3 | 2 | 21% | 67% |
| Evening Only | 16 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 11 | 2 | 1 | 2 | 9% | 100% | 3 | 2 | 27% | 100% |
| Online Only | 62 | 12 | 0 | 0 | 0% | 0% | 1 | 1 | 2% | 8% |
| Spring 2020 Total | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 38 | 10 | 3 | 1 | 8% | 10% | 3 | 1 | 8% | 10% |
| Day/Evening | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 12 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 24 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 173 | 14 | 2 | 0 | 1% | 0% | 2 | 0 | 1% | 0% |
| Unknown | 18 | 47 | 9 | 16 | 50% | 34% | 11 | 16 | 61% | 34% |
| Fall 2020 Total | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 51 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Day/Evening | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 6 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 11 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 87 | 21 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Unknown | 42 | 34 | 0 | 2 | 0% | 6% | 0 | 2 | 0% | 6% |
| Spring 2021 Total | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Grand Total | 729 | 170 | 22 | 24 | 3% | 14% | 31 | 25 | 4% | 15% |
| Benchmark | | | | | | | | | | |
| Day Only | 685 | | 206 | | 30% | | 329 | | 48% | |
| Day/Evening | 57 | | 19 | | 33% | | 29 | | 51% | |
| Evening Only | 225 | | 73 | | 32% | | 105 | | 47% | |
| On-Campus/Online | 18 | | 6 | | 33% | | 8 | | 44% | |
| Online Only | 71 | | 21 | | 30% | | 24 | | 34% | |
| Grand Total | 1,056 | | 325 | | 31% | | 495 | | 47% | |

Note. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 3 | 1 | 2 | 1 | 67% | 100% | 2 | 1 | 67% | 100% |
| Day/Evening | 3 | 2 | 0 | 2 | 0% | 100% | 1 | 0 | 33% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 1 | 2 | 1 | 1 | 100% | 50% | 1 | 1 | 100% | 50% |
| Online Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 3 | 1 | 2 | 0 | 67% | 0% | 0 | 0 | 0% | 0% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 2 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Unknown | 9 | 16 | 5 | 9 | 56% | 56% | 2 | 5 | 22% | 31% |
| Fall 2020 Total | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |
| Benchmark | | | | | | | | | | |
| Day Only | 209 | | 160 | | 77% | | 106 | | 51% | |
| Day/Evening | 19 | | 16 | | 84% | | 12 | | 63% | |
| Evening Only | 74 | | 56 | | 76% | | 41 | | 55% | |

| | | | | | |
|---|-----|-----|-----|-----|-----|
| On-Campus/Online | 6 | 5 | 83% | 4 | 67% |
| Online Only | 21 | 19 | 90% | 17 | 81% |
| Grand Total | 329 | 256 | 78% | 180 | 55% |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 7 | 1 | 4 | 1 | 57% | 100% | 2 | 1 | 29% | 100% |
| Day/Evening | 3 | 2 | 0 | 2 | 0% | 100% | 1 | 0 | 33% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 3 | 2 | 3 | 1 | 100% | 50% | 1 | 1 | 33% | 50% |
| Online Only | 1 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 3 | 1 | 2 | 0 | 67% | 0% | 0 | 0 | 0% | 0% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 2 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Unknown | 11 | 16 | 7 | 9 | 64% | 56% | 2 | 5 | 18% | 31% |
| Fall 2020 Total | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 31 | 25 | 17 | 16 | 55% | 64% | 8 | 7 | 26% | 28% |
| Benchmark | | | | | | | | | | |
| Day Only | 369 | | 283 | | 77% | | 187 | | 51% | |
| Day/Evening | 31 | | 24 | | 77% | | 18 | | 58% | |
| Evening Only | 117 | | 88 | | 75% | | 61 | | 52% | |
| On-Campus/Online | 9 | | 7 | | 78% | | 6 | | 67% | |
| Online Only | 25 | | 21 | | 84% | | 19 | | 76% | |

| | | | | | |
|---|-----|-----|-----|-----|-----|
| Grand Total | 551 | 423 | 77% | 291 | 53% |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

MATH 96 Disproportionate Impacts by Gender

Table 1 Cohort Outcomes

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|--|-------------------|----------|------------------|----------|-----------------------|----------|----------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Female | 101 | 28 | 81 | 28 | 80% | 100% | 63 | 26 | 62% | 93% |
| Male | 108 | 34 | 79 | 24 | 73% | 71% | 54 | 15 | 50% | 44% |
| Non-Binary | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 1 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 211 | 63 | 161 | 53 | 76% | 84% | 118 | 42 | 56% | 67% |
| Fall 2020 | | | | | | | | | | |
| Female | 103 | 37 | 77 | 28 | 75% | 76% | 53 | 23 | 51% | 62% |
| Male | 122 | 33 | 97 | 23 | 80% | 70% | 71 | 16 | 58% | 48% |
| Fall 2020 Total | 225 | 70 | 174 | 51 | 77% | 73% | 124 | 39 | 55% | 56% |
| Spring 2021 | | | | | | | | | | |
| Female | 71 | 24 | 58 | 16 | 82% | 67% | 37 | 13 | 52% | 54% |
| Male | 83 | 34 | 70 | 26 | 84% | 76% | 49 | 16 | 59% | 47% |
| Non-Binary | 1 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Unknown | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 155 | 60 | 128 | 43 | 83% | 72% | 86 | 30 | 55% | 50% |
| Grand Total | 591 | 193 | 463 | 147 | 78% | 76% | 328 | 111 | 55% | 58% |
| Benchmark | | | | | | | | | | |
| Female | 1,581 | | 1,303 | | 82% | | 929 | | 59% | |
| Male | 1,599 | | 1,316 | | 82% | | 885 | | 55% | |
| Grand Total | 3,180 | | 2,619 | | 82% | | 1,814 | | 57% | |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | Term Persistence | Term Persistence Rate | Annual Persistence | Annual Persistence Rate |
|--|------------|------------------|-----------------------|--------------------|-------------------------|
|--|------------|------------------|-----------------------|--------------------|-------------------------|

| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
|---|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
| Spring 2020 | | | | | | | | | | |
| Female | 101 | 28 | 3 | 2 | 3% | 7% | 4 | 4 | 4% | 14% |
| Male | 108 | 34 | 8 | 8 | 7% | 24% | 10 | 9 | 9% | 26% |
| Non-Binary | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 211 | 63 | 11 | 10 | 5% | 16% | 14 | 13 | 7% | 21% |
| Fall 2020 | | | | | | | | | | |
| Female | 103 | 37 | 5 | 6 | 5% | 16% | 7 | 6 | 7% | 16% |
| Male | 122 | 33 | 6 | 7 | 5% | 21% | 7 | 7 | 6% | 21% |
| Fall 2020 Total | 225 | 70 | 11 | 13 | 5% | 19% | 14 | 13 | 6% | 19% |
| Spring 2021 | | | | | | | | | | |
| Female | 71 | 24 | 0 | 1 | 0% | 4% | 0 | 1 | 0% | 4% |
| Male | 83 | 34 | 2 | 0 | 2% | 0% | 2 | 0 | 2% | 0% |
| Non-Binary | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Unknown | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 155 | 60 | 3 | 2 | 2% | 3% | 3 | 2 | 2% | 3% |
| Grand Total | 591 | 193 | 25 | 25 | 4% | 13% | 31 | 28 | 5% | 15% |
| Benchmark | | | | | | | | | | |
| Female | 1,581 | | 610 | | 39% | | 774 | | 49% | |
| Male | 1,599 | | 668 | | 42% | | 856 | | 54% | |
| Grand Total | 3,180 | | 1,278 | | 41% | | 1,630 | | 52% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| Cohort | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------|------------|----------|-----------------------|----------|---------------------------------|----------|-----------------------|----------|-------------------------------|----------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Female | 3 | 2 | 3 | 2 | 100% | 100% | 3 | 2 | 100% | 100% |
| Male | 8 | 8 | 7 | 6 | 88% | 75% | 6 | 5 | 75% | 63% |
| Spring 2020 Total | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | 70% |
| Fall 2020 | | | | | | | | | | |
| Female | 5 | 6 | 5 | 5 | 100% | 83% | 5 | 5 | 100% | 83% |
| Male | 6 | 7 | 5 | 7 | 83% | 100% | 5 | 5 | 83% | 71% |
| Fall 2020 Total | 11 | 13 | 10 | 12 | 91% | 92% | 10 | 10 | 91% | 77% |
| Spring 2021 | | | | | | | | | | |
| Female | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Non-Binary | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 25 | 25 | 23 | 21 | 92% | 84% | 21 | 18 | 84% | 72% |
| Benchmark | | | | | | | | | | |
| Female | 657 | | 553 | | 84% | | 412 | | 63% | |
| Male | 741 | | 607 | | 82% | | 437 | | 59% | |
| Grand Total | 1,398 | | 1,160 | | 83% | | 849 | | 61% | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|---|------------|----------|-------------------------|----------|-----------------------------------|----------|-----------------------|----------|---------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Female | 4 | 4 | 4 | 4 | 100% | 100% | 4 | 4 | 100% | 100% |
| Male | 10 | 9 | 8 | 7 | 80% | 78% | 7 | 6 | 70% | 67% |
| Spring 2020 Total | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Fall 2020 | | | | | | | | | | |
| Female | 7 | 6 | 6 | 5 | 86% | 83% | 5 | 5 | 71% | 83% |
| Male | 7 | 7 | 6 | 7 | 86% | 100% | 6 | 5 | 86% | 71% |
| Fall 2020 Total | 14 | 13 | 12 | 12 | 86% | 92% | 11 | 10 | 79% | 77% |
| Spring 2021 | | | | | | | | | | |
| Female | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Non-Binary | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 31 | 28 | 27 | 24 | 87% | 86% | 24 | 21 | 77% | 75% |
| Benchmark | | | | | | | | | | |
| Female | 657 | | 553 | | 84% | | 412 | | 63% | |
| Male | 741 | | 607 | | 82% | | 437 | | 59% | |
| Grand Total | 1,398 | | 1,160 | | 83% | | 849 | | 61% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition Outcomes

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|---|---------------------|----------|-----------------|----------|----------------------|----------|-------------------|----------|------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Female | 38 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 54 | 10 | 2 | 2 | 4% | 20% | 3 | 2 | 6% | 20% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Fall 2020 | | | | | | | | | | |
| Female | 50 | 12 | 0 | 1 | 0% | 8% | 2 | 1 | 4% | 8% |
| Male | 51 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Fall 2020 Total | 101 | 29 | 1 | 3 | 1% | 10% | 3 | 3 | 3% | 10% |
| Spring 2021 | | | | | | | | | | |
| Female | 34 | 11 | 0 | 1 | 0% | 9% | 0 | 1 | 0% | 9% |
| Male | 34 | 18 | 1 | 0 | 3% | 0% | 1 | 0 | 3% | 0% |
| Non-Binary | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 69 | 30 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Grand Total | 263 | 71 | 4 | 6 | 2% | 8% | 7 | 6 | 3% | 8% |
| Benchmark | | | | | | | | | | |
| Female | 657 | | 553 | | 84% | | 412 | | 63% | |
| Male | 741 | | 607 | | 82% | | 437 | | 59% | |
| Grand Total | 1,398 | | 1,160 | | 83% | | 849 | | 61% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|----------|-----------------|----------|--------------------------------|----------|---------------|----------|------------------------------|----------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Female | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| Female | 0 | 1 | 0 | 0 | 0% | 0% | 1 | 0 | 0% | 0% |
| Male | 1 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 Total | 1 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 67% |
| Spring 2021 | | | | | | | | | | |
| Female | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Non-Binary | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 4 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 25% | 67% |
| Benchmark | | | | | | | | | | |
| Female | 189 | | 162 | | 86% | | 98 | | 52% | |
| Male | 196 | | 159 | | 81% | | 98 | | 50% | |
| Grand Total | 385 | | 321 | | 84% | | 196 | | 51% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|---|------------|----------|-------------------|----------|------------------------|----------|---------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Female | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| Female | 2 | 1 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Male | 1 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 Total | 3 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 67% |
| Spring 2021 | | | | | | | | | | |
| Female | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Non-Binary | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 7 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 14% | 67% |
| Benchmark | | | | | | | | | | |
| Female | 189 | | 162 | | 86% | | 98 | | 52% | |
| Male | 196 | | 159 | | 81% | | 98 | | 50% | |
| Grand Total | 385 | | 321 | | 84% | | 196 | | 51% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

MATH 96 Disproportionate Impacts by Ethnicity

Table 1 Cohort Outcomes

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|------------------------|-------------------|----------|------------------|----------|-----------------------|----------|----------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 5 | 0 | 5 | 0% | 100% | 0 | 3 | 0% | 60% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 30 | 0 | 25 | 0 | 83% | 0% | 20 | 0 | 67% | 0% |
| Asian/Pacific Islander | 0 | 7 | 0 | 5 | 0% | 71% | 0 | 4 | 0% | 57% |
| Black/African American | 10 | 0 | 5 | 0 | 50% | 0% | 3 | 0 | 30% | 0% |
| Filipino/a | 19 | 0 | 15 | 0 | 79% | 0% | 11 | 0 | 58% | 0% |
| Latinx | 73 | 24 | 58 | 22 | 79% | 92% | 42 | 16 | 58% | 67% |
| Multiple Ethnicities | 23 | 0 | 17 | 0 | 74% | 0% | 13 | 0 | 57% | 0% |
| Other | 0 | 10 | 0 | 9 | 0% | 90% | 0 | 7 | 0% | 70% |
| Pacific Islander | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 53 | 17 | 39 | 12 | 74% | 71% | 27 | 12 | 51% | 71% |
| Spring 2020 Total | 211 | 63 | 161 | 53 | 76% | 84% | 118 | 42 | 56% | 67% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 7 | 0 | 4 | 0% | 57% | 0 | 2 | 0% | 29% |
| American Indian | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Asian | 23 | 0 | 20 | 0 | 87% | 0% | 15 | 0 | 65% | 0% |
| Asian/Pacific Islander | 0 | 7 | 0 | 6 | 0% | 86% | 0 | 6 | 0% | 86% |
| Black/African American | 7 | 0 | 4 | 0 | 57% | 0% | 4 | 0 | 57% | 0% |
| Filipino/a | 26 | 0 | 18 | 0 | 69% | 0% | 12 | 0 | 46% | 0% |
| Latinx | 75 | 21 | 57 | 13 | 76% | 62% | 38 | 8 | 51% | 38% |
| Multiple Ethnicities | 11 | 0 | 8 | 0 | 73% | 0% | 4 | 0 | 36% | 0% |
| Other | 0 | 10 | 0 | 10 | 0% | 100% | 0 | 7 | 0% | 70% |
| Pacific Islander | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 4 | 2 | 4 | 2 | 100% | 100% | 3 | 1 | 75% | 50% |
| White | 76 | 23 | 61 | 16 | 80% | 70% | 47 | 15 | 62% | 65% |
| Fall 2020 Total | 225 | 70 | 174 | 51 | 77% | 73% | 124 | 39 | 55% | 56% |

| Spring 2021 | | | | | | | | | | |
|--|-------|-----|-------|-----|------|------|-------|-----|------|------|
| African American | 0 | 5 | 0 | 1 | 0% | 20% | 0 | 0 | 0% | 0% |
| American Indian | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Asian | 14 | 0 | 13 | 0 | 93% | 0% | 9 | 0 | 64% | 0% |
| Asian/Pacific Islander | 0 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| Black/African American | 13 | 0 | 12 | 0 | 92% | 0% | 6 | 0 | 46% | 0% |
| Filipino/a | 9 | 0 | 7 | 0 | 78% | 0% | 6 | 0 | 67% | 0% |
| Latinx | 57 | 20 | 44 | 17 | 77% | 85% | 25 | 12 | 44% | 60% |
| Multiple Ethnicities | 13 | 0 | 10 | 0 | 77% | 0% | 8 | 0 | 62% | 0% |
| Other | 0 | 9 | 0 | 8 | 0% | 89% | 0 | 4 | 0% | 44% |
| Pacific Islander | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Unknown | 2 | 1 | 2 | 1 | 100% | 100% | 2 | 1 | 100% | 100% |
| White | 44 | 22 | 37 | 15 | 84% | 68% | 29 | 12 | 66% | 55% |
| Spring 2021 Total | 155 | 60 | 128 | 43 | 83% | 72% | 86 | 30 | 55% | 50% |
| Grand Total | 591 | 193 | 463 | 147 | 78% | 76% | 328 | 111 | 55% | 58% |
| Benchmark | | | | | | | | | | |
| African American | 166 | | 128 | | 77% | | 71 | | 43% | |
| American Indian | 9 | | 7 | | 78% | | 4 | | 44% | |
| Asian/Pacific Islander | 370 | | 312 | | 84% | | 224 | | 61% | |
| Filipino/a | 337 | | 290 | | 86% | | 205 | | 61% | |
| Latinx | 881 | | 704 | | 80% | | 443 | | 50% | |
| White | 1,109 | | 914 | | 82% | | 692 | | 62% | |
| Other | 266 | | 230 | | 86% | | 153 | | 58% | |
| Unknown | 42 | | 34 | | 81% | | 22 | | 52% | |
| Grand Total | 3,180 | | 2,619 | | 82% | | 1,814 | | 54% | |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|------------------------|------------|----------|------------------|----------|-----------------------|----------|--------------------|----------|-------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 5 | 0 | 2 | 0% | 40% | 0 | 2 | 0% | 40% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 30 | 0 | 2 | 0 | 7% | 0% | 2 | 0 | 7% | 0% |
| Asian/Pacific Islander | 0 | 7 | 0 | 3 | 0% | 43% | 0 | 4 | 0% | 57% |
| Black/African American | 10 | 0 | 2 | 0 | 20% | 0% | 2 | 0 | 20% | 0% |
| Filipino/a | 19 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 5% | 0% |
| Latinx | 73 | 24 | 1 | 2 | 1% | 8% | 3 | 3 | 4% | 13% |
| Multiple Ethnicities | 23 | 0 | 2 | 0 | 9% | 0% | 2 | 0 | 9% | 0% |
| Other | 0 | 10 | 0 | 2 | 0% | 20% | 0 | 2 | 0% | 20% |
| Pacific Islander | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 53 | 17 | 4 | 1 | 8% | 6% | 4 | 2 | 8% | 12% |
| Spring 2020 Total | 211 | 63 | 11 | 10 | 5% | 16% | 14 | 13 | 7% | 21% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 7 | 0 | 1 | 0% | 14% | 0 | 1 | 0% | 14% |
| American Indian | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 23 | 0 | 2 | 0 | 9% | 0% | 2 | 0 | 9% | 0% |
| Asian/Pacific Islander | 0 | 7 | 0 | 1 | 0% | 14% | 0 | 1 | 0% | 14% |
| Black/African American | 7 | 0 | 2 | 0 | 29% | 0% | 2 | 0 | 29% | 0% |
| Filipino/a | 26 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 75 | 21 | 2 | 4 | 3% | 19% | 3 | 4 | 4% | 19% |
| Multiple Ethnicities | 11 | 0 | 1 | 0 | 9% | 0% | 2 | 0 | 18% | 0% |
| Other | 0 | 10 | 0 | 2 | 0% | 20% | 0 | 2 | 0% | 20% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 4 | 2 | 0 | 0 | 0% | 0% | 1 | 0 | 25% | 0% |
| White | 76 | 23 | 4 | 5 | 5% | 22% | 4 | 5 | 5% | 22% |
| Fall 2020 Total | 225 | 70 | 11 | 13 | 5% | 19% | 14 | 13 | 6% | 19% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 5 | 0 | 1 | 0% | 20% | 0 | 1 | 0% | 20% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|------------------------|-----|-----|----|----|-----|-----|----|----|-----|-----|
| Asian | 14 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 13 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 9 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 57 | 20 | 1 | 0 | 2% | 0% | 1 | 0 | 2% | 0% |
| Multiple Ethnicities | 13 | 0 | 2 | 0 | 15% | 0% | 2 | 0 | 15% | 0% |
| Other | 0 | 9 | 0 | 1 | 0% | 11% | 0 | 1 | 0% | 11% |
| Pacific Islander | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 2 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 44 | 22 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 155 | 60 | 3 | 2 | 2% | 3% | 3 | 2 | 2% | 3% |
| Grand Total | 591 | 193 | 25 | 25 | 4% | 13% | 31 | 28 | 5% | 15% |

Benchmark

| | | | | | |
|------------------------|-------|-------|-----|-------|-----|
| African American | 166 | 65 | 39% | 85 | 51% |
| American Indian | 9 | 0 | 0% | 2 | 22% |
| Asian/Pacific Islander | 370 | 142 | 38% | 198 | 54% |
| Filipino/a | 337 | 162 | 48% | 196 | 58% |
| Latinx | 881 | 354 | 40% | 440 | 50% |
| White | 1,109 | 441 | 40% | 562 | 51% |
| Other | 266 | 99 | 37% | 128 | 48% |
| Unknown | 42 | 15 | 36% | 19 | 45% |
| Grand Total | 3,180 | 1,278 | 35% | 1,630 | 47% |

Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|------------------------|------------|----------|-----------------------|----------|---------------------------------|----------|-----------------------|----------|-------------------------------|----------|
| Cohort | MAT H 96 | MATH 96X | MAT H 96 | MATH 96X | MATH 96 | MATH 96X | MAT H 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Asian | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Asian/Pacific Islander | 0 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| Black/African American | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Latinx | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 2 | 100% | 100% |
| Multiple Ethnicities | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Other | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| White | 4 | 1 | 4 | 1 | 100% | 100% | 4 | 1 | 100% | 100% |
| Spring 2020 Total | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | e |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Asian | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Asian/Pacific Islander | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Black/African American | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Latinx | 2 | 4 | 2 | 4 | 100% | 100% | 2 | 3 | 100% | 75% |
| Multiple Ethnicities | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Other | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| White | 4 | 5 | 4 | 4 | 100% | 80% | 4 | 4 | 100% | 80% |
| Fall 2020 Total | 11 | 13 | 10 | 12 | 91% | 92% | 10 | 10 | 91% | 77% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Other | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 25 | 25 | 23 | 21 | 92% | 84% | 21 | 18 | 84% | 72% |

| Benchmark | | | | | |
|---|-------|-------|-----|-----|-----|
| African American | 77 | 58 | 75% | 41 | 53% |
| Asian/Pacific Islander | 157 | 128 | 82% | 89 | 57% |
| Filipino/a | 173 | 146 | 84% | 114 | 66% |
| Latinx | 384 | 312 | 81% | 212 | 55% |
| White | 484 | 411 | 85% | 314 | 65% |
| Other | 105 | 92 | 88% | 69 | 66% |
| Unknown | 18 | 13 | 72% | 10 | 56% |
| Grand Total | 1,398 | 1,160 | 81% | 849 | 60% |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 4 Cohort Annual Persistence

| Cohort | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|------------------------|------------|----------|-------------------------|----------|-----------------------------------|----------|-----------------------|----------|---------------------------------|----------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Asian | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Asian/Pacific Islander | 0 | 4 | 0 | 2 | 0% | 50% | 0 | 2 | 0% | 50% |
| Black/African American | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Filipino/a | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Latinx | 3 | 3 | 2 | 3 | 67% | 100% | 2 | 3 | 67% | 100% |
| Multiple Ethnicities | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Other | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| White | 4 | 2 | 4 | 2 | 100% | 100% | 4 | 2 | 100% | 100% |
| Spring 2020 Total | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Asian | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Asian/Pacific Islander | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Black/African American | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Latinx | 3 | 4 | 2 | 4 | 67% | 100% | 2 | 3 | 67% | 75% |
| Multiple Ethnicities | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Other | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Unknown | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| White | 4 | 5 | 4 | 4 | 100% | 80% | 4 | 4 | 100% | 80% |
| Fall 2020 Total | 14 | 13 | 12 | 12 | 86% | 92% | 11 | 10 | 79% | 77% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Other | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |

| | | | | | | | | | | |
|--|-------|-------|----|----|------|-----|-------|----|-----|-----|
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 31 | 28 | 27 | 24 | 87% | 86% | 24 | 21 | 77% | 75% |
| Benchmark | | | | | | | | | | |
| African American | 125 | 95 | | | 76% | | 70 | | 56% | |
| American Indian | 2 | 1 | | | 50% | | 1 | | 50% | |
| Asian/Pacific Islander | 316 | 266 | | | 84% | | 188 | | 59% | |
| Filipino/a | 281 | 234 | | | 83% | | 178 | | 63% | |
| Latinx | 632 | 512 | | | 81% | | 339 | | 54% | |
| White | 840 | 700 | | | 83% | | 535 | | 64% | |
| Other | 169 | 139 | | | 82% | | 111 | | 66% | |
| Unknown | 29 | 21 | | | 72% | | 16 | | 55% | |
| Grand Total | 2,394 | 1,968 | | | 77% | | 1,438 | | 58% | |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition Outcomes

| Cohort | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|------------------------|---------------------|----------|-----------------|----------|----------------------|----------|-------------------|----------|------------------------|----------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 10 | 0 | 1 | 0 | 10% | 0% | 1 | 0 | 10% | 0% |
| Asian/Pacific Islander | 0 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Black/African American | 7 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 8 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 31 | 6 | 0 | 0 | 0% | 0% | 1 | 0 | 3% | 0% |
| Multiple Ethnicities | 10 | 0 | 1 | 0 | 10% | 0% | 1 | 0 | 10% | 0% |
| Other | 0 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| White | 26 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 5 | 0 | 1 | 0% | 20% | 0 | 1 | 0% | 20% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 8 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 3 | 0 | 1 | 0 | 33% | 0% | 1 | 0 | 33% | 0% |
| Filipino/a | 14 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 37 | 12 | 0 | 1 | 0% | 8% | 1 | 1 | 3% | 8% |
| Multiple Ethnicities | 7 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 1 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| White | 29 | 7 | 0 | 1 | 0% | 14% | 0 | 1 | 0% | 14% |
| Fall 2020 Total | 101 | 29 | 1 | 3 | 1% | 10% | 3 | 3 | 3% | 10% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 5 | 0 | 1 | 0% | 20% | 0 | 1 | 0% | 20% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 5 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|------------------------|-----|----|---|---|----|----|---|---|----|----|
| Asian/Pacific Islander | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 7 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 32 | 8 | 1 | 0 | 3% | 0% | 1 | 0 | 3% | 0% |
| Multiple Ethnicities | 5 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 5 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 15 | 10 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 69 | 30 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Grand Total | 263 | 71 | 4 | 6 | 2% | 8% | 7 | 6 | 3% | 8% |

Benchmark

| | | | | | |
|------------------------|-------|-----|-----|-----|-----|
| African American | 95 | 22 | 23% | 38 | 40% |
| American Indian | 5 | 0 | 0% | 1 | 20% |
| Asian/Pacific Islander | 146 | 33 | 23% | 60 | 41% |
| Filipino/a | 132 | 44 | 33% | 65 | 49% |
| Latinx | 438 | 141 | 32% | 192 | 44% |
| White | 417 | 110 | 26% | 164 | 39% |
| Other | 113 | 26 | 23% | 42 | 37% |
| Unknown | 20 | 2 | 10% | 5 | 25% |
| Grand Total | 1,366 | 378 | 21% | 567 | 37% |

Note. For spring, enrollment in the following summer of fall is considered "next term". For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|------------------------|------------|----------|-----------------|----------|--------------------------------|----------|---------------|----------|------------------------------|----------|
| Cohort | MAT H 96 | MATH 96X | MAT H 96 | MATH 96X | MATH 96 | MATH 96X | MAT H 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| White | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 0% | 0% |
| White | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 67% |
| Spring 2021 | | | | | | | | | | |

| | | | | | | | | | | |
|------------------------|---|---|---|---|----|----|---|---|-----|-----|
| African American | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 4 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 25% | 67% |

Benchmark

| | | | | | |
|------------------------|-----|-----|------|-----|-----|
| African American | 24 | 18 | 75% | 11 | 46% |
| Asian/Pacific Islander | 33 | 27 | 82% | 13 | 39% |
| Filipino/a | 45 | 41 | 91% | 26 | 58% |
| Latinx | 145 | 115 | 79% | 67 | 46% |
| White | 110 | 95 | 86% | 65 | 59% |
| Other | 26 | 23 | 88% | 13 | 50% |
| Unknown | 2 | 2 | 100% | 1 | 50% |
| Grand Total | 385 | 321 | 86% | 196 | 50% |

Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|------------------------|------------|----------|-------------------|----------|------------------------|----------|---------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| White | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| White | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 3 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 67% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|------------------------|----------|----------|----------|----------|-----------|-----------|----------|----------|------------|------------|
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 7 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 14% | 67% |

Benchmark

| | | | | | |
|------------------------|------------|------------|------------|------------|------------|
| African American | 43 | 33 | 77% | 23 | 53% |
| American Indian | 1 | 1 | 100% | 1 | 100% |
| Asian/Pacific Islander | 66 | 54 | 82% | 27 | 41% |
| Filipino/a | 72 | 63 | 88% | 41 | 57% |
| Latinx | 213 | 176 | 83% | 103 | 48% |
| White | 174 | 149 | 86% | 102 | 59% |
| Other | 42 | 33 | 79% | 22 | 52% |
| Unknown | 5 | 5 | 100% | 3 | 60% |
| Grand Total | 616 | 514 | 87% | 322 | 59% |

Note. For spring, enrollment in the following summer of fall is considered "next term". For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

MATH 96 Disproportionate Impacts by Age

Table 1 Cohort Outcomes

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|-------------------|-------------------|----------|------------------|----------|-----------------------|----------|----------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| 18 - 24 | 133 | 42 | 99 | 35 | 74% | 83% | 64 | 27 | 48% | 64% |
| 25 - 29 | 42 | 7 | 30 | 4 | 71% | 57% | 26 | 3 | 62% | 43% |
| 30 - 39 | 20 | 11 | 18 | 11 | 90% | 100% | 17 | 9 | 85% | 82% |
| 40 - 49 | 5 | 0 | 4 | 0 | 80% | 0% | 4 | 0 | 80% | 0% |
| 50 and > | 10 | 2 | 9 | 2 | 90% | 100% | 6 | 2 | 60% | 100% |
| Under 18 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 211 | 63 | 161 | 53 | 76% | 84% | 118 | 42 | 56% | 67% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 7 | 0 | 6 | 0 | 86% | 0% | 5 | 0 | 71% | 0% |
| 18 - 24 | 153 | 34 | 118 | 25 | 77% | 74% | 78 | 16 | 51% | 47% |
| 25 - 29 | 29 | 13 | 23 | 10 | 79% | 77% | 19 | 8 | 66% | 62% |
| 30 - 39 | 25 | 14 | 17 | 10 | 68% | 71% | 13 | 10 | 52% | 71% |
| 40 - 49 | 10 | 3 | 9 | 0 | 90% | 0% | 8 | 0 | 80% | 0% |
| 50 and > | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Under 18 | 0 | 5 | 0 | 5 | 0% | 100% | 0 | 4 | 0% | 80% |
| Fall 2020 Total | 225 | 70 | 174 | 51 | 77% | 73% | 124 | 39 | 55% | 56% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 87 | 37 | 72 | 25 | 83% | 68% | 45 | 16 | 52% | 43% |
| 25 - 29 | 37 | 8 | 29 | 5 | 78% | 63% | 21 | 4 | 57% | 50% |
| 30 - 39 | 21 | 9 | 17 | 8 | 81% | 89% | 13 | 6 | 62% | 67% |
| 40 - 49 | 7 | 4 | 7 | 3 | 100% | 75% | 5 | 3 | 71% | 75% |
| 50 and > | 3 | 2 | 3 | 2 | 100% | 100% | 2 | 1 | 67% | 50% |
| Spring 2021 Total | 155 | 60 | 128 | 43 | 83% | 72% | 86 | 30 | 55% | 50% |
| Grand Total | 591 | 193 | 463 | 147 | 78% | 76% | 328 | 111 | 55% | 58% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 30 | | 27 | | 90% | | 15 | | 50% | |
| 18 - 24 | 2,111 | | 1771 | | 84% | | 1191 | | 56% | |
| 25 - 29 | 514 | | 413 | | 80% | | 304 | | 59% | |
| 30 - 39 | 356 | | 274 | | 77% | | 198 | | 56% | |

| | | | | | |
|---|-------------|-------------|------------|-------------|------------|
| 40 - 49 | 112 | 90 | 80% | 68 | 61% |
| 50 and > | 57 | 44 | 77% | 38 | 67% |
| Grand Total | 3180 | 2619 | 81% | 1814 | 58% |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|----------|------------------|----------|-----------------------|----------|--------------------|----------|-------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 133 | 42 | 7 | 8 | 5% | 19% | 8 | 9 | 6% | 21% |
| 25 - 29 | 42 | 7 | 1 | 1 | 2% | 14% | 2 | 1 | 5% | 14% |
| 30 - 39 | 20 | 11 | 3 | 1 | 15% | 9% | 4 | 3 | 20% | 27% |
| 40 - 49 | 5 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 10 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 211 | 63 | 11 | 10 | 5% | 16% | 14 | 13 | 7% | 21% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 7 | 0 | 1 | 0 | 14% | 0% | 2 | 0 | 29% | 0% |
| 18 - 24 | 153 | 34 | 5 | 5 | 3% | 15% | 7 | 5 | 5% | 15% |
| 25 - 29 | 29 | 13 | 2 | 5 | 7% | 38% | 2 | 5 | 7% | 38% |
| 30 - 39 | 25 | 14 | 2 | 2 | 8% | 14% | 2 | 2 | 8% | 14% |
| 40 - 49 | 10 | 3 | 1 | 0 | 10% | 0% | 1 | 0 | 10% | 0% |
| 50 and > | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 5 | 0 | 1 | 0% | 20% | 0 | 1 | 0% | 20% |
| Fall 2020 Total | 225 | 70 | 11 | 13 | 5% | 19% | 14 | 13 | 6% | 19% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 87 | 37 | 2 | 1 | 2% | 3% | 2 | 1 | 2% | 3% |
| 25 - 29 | 37 | 8 | 1 | 1 | 3% | 13% | 1 | 1 | 3% | 13% |
| 30 - 39 | 21 | 9 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 7 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 155 | 60 | 3 | 2 | 2% | 3% | 3 | 2 | 2% | 3% |
| Grand Total | 591 | 193 | 25 | 25 | 4% | 13% | 31 | 28 | 5% | 15% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 30 | | 21 | | 70% | | 25 | | 83% | |
| 18 - 24 | 2,111 | | 912 | | 43% | | 1182 | | 56% | |
| 25 - 29 | 514 | | 199 | | 39% | | 237 | | 46% | |
| 30 - 39 | 356 | | 111 | | 31% | | 137 | | 38% | |
| 40 - 49 | 112 | | 27 | | 24% | | 36 | | 32% | |
| 50 and > | 57 | | 8 | | 14% | | 13 | | 23% | |
| Grand Total | 3180 | | 1278 | | 37% | | 1630 | | 46% | |

Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 3 Cohort Term Persistence

| Cohort | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--------------------------|-------------|-----------|-----------------------|-----------|---------------------------------|------------|-----------------------|-----------|-------------------------------|------------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| 18 - 24 | 7 | 8 | 6 | 6 | 86% | 75% | 6 | 5 | 86% | 63% |
| 25 - 29 | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| 30 - 39 | 3 | 1 | 3 | 1 | 100% | 100% | 2 | 1 | 67% | 100% |
| Spring 2020 Total | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | 70% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| 18 - 24 | 5 | 5 | 5 | 5 | 100% | 100% | 5 | 4 | 100% | 80% |
| 25 - 29 | 2 | 5 | 2 | 4 | 100% | 80% | 2 | 3 | 100% | 60% |
| 30 - 39 | 2 | 2 | 2 | 2 | 100% | 100% | 2 | 2 | 100% | 100% |
| 40 - 49 | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Fall 2020 Total | 11 | 13 | 10 | 12 | 91% | 92% | 10 | 10 | 91% | 77% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 2 | 1 | 2 | 1 | 100% | 100% | 2 | 1 | 100% | 100% |
| 25 - 29 | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 25 | 25 | 23 | 21 | 92% | 84% | 21 | 18 | 84% | 72% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 21 | | 21 | | 100% | | 16 | | 76% | |
| 18 - 24 | 982 | | 814 | | 83% | | 581 | | 59% | |
| 25 - 29 | 227 | | 193 | | 85% | | 150 | | 66% | |
| 30 - 39 | 132 | | 104 | | 79% | | 79 | | 60% | |
| 40 - 49 | 28 | | 23 | | 82% | | 19 | | 68% | |
| 50 and > | 8 | | 5 | | 63% | | 4 | | 50% | |
| Grand Total | 1398 | | 1160 | | 82% | | 849 | | 63% | |

Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|--|------------|----------|-------------------------|----------|-----------------------------------|----------|-----------------------|----------|---------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| 18 - 24 | 8 | 9 | 7 | 7 | 88% | 78% | 7 | 6 | 88% | 67% |
| 25 - 29 | 2 | 1 | 1 | 1 | 50% | 100% | 1 | 1 | 50% | 100% |
| 30 - 39 | 4 | 3 | 4 | 3 | 100% | 100% | 3 | 3 | 75% | 100% |
| Spring 2020 Total | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| 18 - 24 | 7 | 5 | 6 | 5 | 86% | 100% | 5 | 4 | 71% | 80% |
| 25 - 29 | 2 | 5 | 2 | 4 | 100% | 80% | 2 | 3 | 100% | 60% |
| 30 - 39 | 2 | 2 | 2 | 2 | 100% | 100% | 2 | 2 | 100% | 100% |
| 40 - 49 | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Fall 2020 Total | 14 | 13 | 12 | 12 | 86% | 92% | 11 | 10 | 79% | 77% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 2 | 1 | 2 | 1 | 100% | 100% | 2 | 1 | 100% | 100% |
| Grand Total | 31 | 28 | 27 | 24 | 87% | 86% | 24 | 21 | 77% | 75% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 34 | | 33 | | 97% | | 22 | | 65% | |
| 18 - 24 | 1,705 | | 1395 | | 82% | | 1011 | | 59% | |
| 25 - 29 | 371 | | 318 | | 86% | | 241 | | 65% | |
| 30 - 39 | 218 | | 173 | | 79% | | 127 | | 58% | |
| 40 - 49 | 47 | | 38 | | 81% | | 29 | | 62% | |
| 50 and > | 19 | | 11 | | 58% | | 8 | | 42% | |
| Grand Total | 2394 | | 1968 | | 80% | | 1438 | | 59% | |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition Outcomes

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|---|---------------------|----------|-----------------|----------|----------------------|----------|-------------------|----------|------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| 18 - 24 | 69 | 9 | 1 | 2 | 1% | 22% | 1 | 2 | 1% | 22% |
| 25 - 29 | 16 | 1 | 0 | 0 | 0% | 0% | 1 | 0 | 6% | 0% |
| 30 - 39 | 3 | 2 | 1 | 0 | 33% | 0% | 1 | 0 | 33% | 0% |
| 40 - 49 | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 4 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 75 | 18 | 0 | 1 | 0% | 6% | 2 | 1 | 3% | 6% |
| 25 - 29 | 10 | 5 | 0 | 2 | 0% | 40% | 0 | 2 | 0% | 40% |
| 30 - 39 | 12 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 2 | 3 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 42 | 21 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 25 - 29 | 16 | 4 | 1 | 1 | 6% | 25% | 1 | 1 | 6% | 25% |
| 30 - 39 | 8 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 2 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 69 | 30 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Grand Total | 263 | 71 | 4 | 6 | 2% | 8% | 7 | 6 | 3% | 8% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 15 | | 11 | | 73% | | 11 | | 73% | |
| 18 - 24 | 920 | | 258 | | 28% | | 407 | | 44% | |
| 25 - 29 | 210 | | 56 | | 27% | | 76 | | 36% | |
| 30 - 39 | 158 | | 40 | | 25% | | 56 | | 35% | |
| 40 - 49 | 44 | | 9 | | 20% | | 12 | | 27% | |
| 50 and > | 19 | | 4 | | 21% | | 5 | | 26% | |
| Grand Total | 1366 | | 378 | | 32% | | 567 | | 40% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|----------|-----------------|----------|--------------------------------|----------|---------------|----------|------------------------------|----------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| 18 - 24 | 1 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 0 | 1 | 0 | 0 | 0% | 0% | 1 | 1 | 0% | 100% |
| 25 - 29 | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 50% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 67% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 25 - 29 | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 4 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 25% | 67% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 11 | | 11 | | 100% | | 8 | | 73% | |
| 18 - 24 | 261 | | 224 | | 86% | | 136 | | 52% | |
| 25 - 29 | 59 | | 49 | | 83% | | 27 | | 46% | |
| 30 - 39 | 41 | | 28 | | 68% | | 17 | | 41% | |
| 40 - 49 | 9 | | 7 | | 78% | | 6 | | 67% | |
| 50 and > | 4 | | 2 | | 50% | | 2 | | 50% | |
| Grand Total | 385 | | 321 | | 77% | | 196 | | 55% | |

Note. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 7 Cohort Annual Repetition

| Cohort | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|--------------------|------------|----------|-------------------|----------|------------------------|----------|---------------|----------|---------------------|----------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| 18 - 24 | 1 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| 25 - 29 | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 2 | 1 | 0 | 0 | 0% | 0% | 1 | 1 | 50% | 100% |
| 25 - 29 | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 50% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 3 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 67% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 25 - 29 | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 7 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 14% | 67% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 11 | | 11 | | 100% | | 8 | | 73% | |
| 18 - 24 | 435 | | 369 | | 85% | | 232 | | 53% | |
| 25 - 29 | 89 | | 73 | | 82% | | 44 | | 49% | |
| 30 - 39 | 62 | | 47 | | 76% | | 26 | | 42% | |
| 40 - 49 | 13 | | 10 | | 77% | | 8 | | 62% | |
| 50 and > | 6 | | 4 | | 67% | | 4 | | 67% | |

| | | | | | |
|--|------------|------------|------------|------------|------------|
| Grand Total | 616 | 514 | 81% | 322 | 58% |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Math 96 Disproportionate Impacts by Academic Standing

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|----------|------------------|----------|-----------------------|----------|----------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 208 | 63 | 158 | 53 | 76% | 84% | 115 | 42 | 55% | 67% |
| Unknown | 3 | 0 | 3 | 0 | 100% | 0% | 3 | 0 | 100% | 0% |
| Spring 2020 Total | 211 | 63 | 161 | 53 | 76% | 84% | 118 | 42 | 56% | 67% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 10 | 3 | 5 | 0 | 50% | 0% | 1 | 0 | 10% | 0% |
| Good Standing | 169 | 53 | 144 | 43 | 85% | 81% | 113 | 37 | 67% | 70% |
| Probation | 45 | 14 | 25 | 8 | 56% | 57% | 10 | 2 | 22% | 14% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 225 | 70 | 174 | 51 | 77% | 73% | 124 | 39 | 55% | 56% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 10 | 2 | 8 | 1 | 80% | 50% | 1 | 0 | 10% | 0% |
| Good Standing | 111 | 45 | 98 | 36 | 88% | 80% | 79 | 30 | 71% | 67% |
| Probation | 32 | 13 | 20 | 6 | 63% | 46% | 4 | 0 | 13% | 0% |
| Unknown | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Spring 2021 Total | 155 | 60 | 128 | 43 | 83% | 72% | 86 | 30 | 55% | 50% |
| Grand Total | 591 | 193 | 463 | 147 | 78% | 76% | 328 | 111 | 55% | 58% |
| Benchmark | | | | | | | | | | |
| Good Standing | 2,531 | | 2,185 | | 86% | | 1,691 | | 67% | |
| Probation | 441 | | 288 | | 65% | | 98 | | 22% | |
| Disqualified | 172 | | 110 | | 64% | | 9 | | 5% | |
| Unknown | 36 | | 36 | | 100% | | 16 | | 44% | |
| Grand Total | 3,180 | | 2,619 | | 82% | | 1,814 | | 57% | |
| Note. The benchmark cohort consists of students who took MATH 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|---|------------|----------|------------------|----------|-----------------------|----------|--------------------|----------|-------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 208 | 63 | 11 | 10 | 5% | 16% | 14 | 13 | 7% | 21% |
| Unknown | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 211 | 63 | 11 | 10 | 5% | 16% | 14 | 13 | 7% | 21% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 10 | 3 | 0 | 0 | 0% | 0% | 1 | 0 | 10% | 0% |
| Good Standing | 169 | 53 | 11 | 11 | 7% | 21% | 12 | 11 | 7% | 21% |
| Probation | 45 | 14 | 0 | 2 | 0% | 14% | 1 | 2 | 2% | 14% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 225 | 70 | 11 | 13 | 5% | 19% | 14 | 13 | 6% | 19% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 10 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Good Standing | 111 | 45 | 2 | 1 | 2% | 2% | 2 | 1 | 2% | 2% |
| Probation | 32 | 13 | 1 | 0 | 3% | 0% | 1 | 0 | 3% | 0% |
| Unknown | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 155 | 60 | 3 | 2 | 2% | 3% | 3 | 2 | 2% | 3% |
| Grand Total | 591 | 193 | 25 | 25 | 4% | 13% | 31 | 28 | 5% | 15% |
| Benchmark | | | | | | | | | | |
| Good Standing | 2,531 | | 1,098 | | 43% | | 1,394 | | 55% | |
| Probation | 441 | | 136 | | 31% | | 178 | | 40% | |
| Disqualified | 172 | | 18 | | 10% | | 29 | | 17% | |
| Unknown | 36 | | 26 | | 72% | | 29 | | 81% | |
| Grand Total | 3,180 | | 1,278 | | 40% | | 1,630 | | 51% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------|------------|----------|-----------------------|----------|---------------------------------|----------|-----------------------|----------|-------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | 70% |
| Spring 2020 Total | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | 70% |
| Fall 2020 | | | | | | | | | | |
| Good Standing | 11 | 11 | 10 | 10 | 91% | 91% | 10 | 9 | 91% | 82% |
| Probation | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 11 | 13 | 10 | 12 | 91% | 92% | 10 | 10 | 91% | 77% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 2 | 1 | 2 | 1 | 100% | 100% | 2 | 1 | 100% | 100% |
| Probation | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 25 | 25 | 23 | 21 | 92% | 84% | 21 | 18 | 84% | 72% |
| Benchmark | | | | | | | | | | |
| Good Standing | 1,208 | | 1,010 | | 84% | | 767 | | 63% | |
| Probation | 146 | | 109 | | 75% | | 52 | | 36% | |
| Disqualified | 18 | | 15 | | 83% | | 7 | | 39% | |
| Unknown | 26 | | 26 | | 100% | | 23 | | 88% | |
| Grand Total | 1,398 | | 1,160 | | 83% | | 849 | | 61% | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|---|------------|----|-------------------------|----------|-----------------------------------|----------|-----------------------|----------|---------------------------------|----------|
| Cohort | MATH 96 | | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Spring 2020 Total | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 12 | 11 | 11 | 10 | 92% | 91% | 11 | 9 | 92% | 82% |
| Probation | 1 | 2 | 1 | 2 | 100% | 100% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 14 | 13 | 12 | 12 | 86% | 92% | 11 | 10 | 79% | 77% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 2 | 1 | 2 | 1 | 100% | 100% | 2 | 1 | 100% | 100% |
| Probation | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 31 | 28 | 27 | 24 | 87% | 86% | 24 | 21 | 77% | 75% |
| Benchmark | | | | | | | | | | |
| Good Standing | 2,081 | | 1,718 | | 83% | | 1,296 | | 62% | |
| Probation | 236 | | 180 | | 76% | | 95 | | 40% | |
| Disqualified | 34 | | 29 | | 85% | | 15 | | 44% | |
| Unknown | 43 | | 41 | | 95% | | 32 | | 74% | |
| Grand Total | 2,394 | | 1,968 | | 82% | | 1,438 | | 60% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|---|---------------------|----------|-----------------|----------|----------------------|----------|-------------------|----------|------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Spring 2020 Total | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 9 | 3 | 0 | 0 | 0% | 0% | 1 | 0 | 11% | 0% |
| Good Standing | 56 | 15 | 1 | 2 | 2% | 13% | 1 | 2 | 2% | 13% |
| Probation | 35 | 11 | 0 | 1 | 0% | 9% | 1 | 1 | 3% | 9% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 101 | 29 | 1 | 3 | 1% | 10% | 3 | 3 | 3% | 10% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 9 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Good Standing | 32 | 15 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Probation | 28 | 13 | 1 | 0 | 4% | 0% | 1 | 0 | 4% | 0% |
| Spring 2021 Total | 69 | 30 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Grand Total | 263 | 71 | 4 | 6 | 2% | 8% | 7 | 6 | 3% | 8% |
| Benchmark | | | | | | | | | | |
| Good Standing | 840 | | 250 | | 30% | | 395 | | 47% | |
| Probation | 343 | | 95 | | 28% | | 129 | | 38% | |
| Disqualified | 163 | | 16 | | 10% | | 24 | | 15% | |
| Unknown | 20 | | 17 | | 85% | | 19 | | 95% | |
| Grand Total | 1,366 | | 378 | | 28% | | 567 | | 42% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|-------------|-----------------|-------------|-----------------------------------|----------|---------------|-------------|---------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Spring 2020 Total | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 1 | 2 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 50% |
| Probation | 0 | 1 | 0 | 0 | 0% | 0% | 1 | 1 | 0% | 100% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 67% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Probation | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 4 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 25% | 67% |
| Benchmark | | | | | | | | | | |
| Good Standing | 256 | | 214 | | 84% | | 140 | | 55% | |
| Probation | 96 | | 76 | | 79% | | 36 | | 38% | |
| Disqualified | 16 | | 14 | | 88% | | 6 | | 38% | |
| Unknown | 17 | | 17 | | 100% | | 14 | | 82% | |
| Grand Total | 385 | | 321 | | 83% | | 196 | | 51% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|---|------------|----------|-------------------|----------|------------------------|----------|---------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Spring 2020 Total | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 1 | 2 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 50% |
| Probation | 1 | 1 | 0 | 0 | 0% | 0% | 1 | 1 | 100% | 100% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 3 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 67% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Probation | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 7 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 14% | 67% |
| Benchmark | | | | | | | | | | |
| Good Standing | 431 | | 364 | | 84% | | 241 | | 56% | |
| Probation | 141 | | 110 | | 78% | | 55 | | 39% | |
| Disqualified | 25 | | 22 | | 88% | | 11 | | 44% | |
| Unknown | 19 | | 18 | | 95% | | 15 | | 79% | |
| Grand Total | 616 | | 514 | | 83% | | 322 | | 52% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Math 96 Disproportionate Impacts by DSPS

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|--|-------------------|----------|------------------|----------|-----------------------|----------|----------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 8 | 14 | 7 | 11 | 88% | 79% | 5 | 8 | 63% | 57% |
| Unknown | 203 | 49 | 154 | 42 | 76% | 86% | 113 | 34 | 56% | 69% |
| Spring 2020 Total | 211 | 63 | 161 | 53 | 76% | 84% | 118 | 42 | 56% | 67% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 7 | 6 | 7 | 2 | 100% | 33% | 7 | 1 | 100% | 17% |
| Unknown | 218 | 64 | 167 | 49 | 77% | 77% | 117 | 38 | 54% | 59% |
| Fall 2020 Total | 225 | 70 | 174 | 51 | 77% | 73% | 124 | 39 | 55% | 56% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 4 | 8 | 4 | 5 | 100% | 63% | 1 | 3 | 25% | 38% |
| Unknown | 151 | 52 | 124 | 38 | 82% | 73% | 85 | 27 | 56% | 52% |
| Spring 2021 Total | 155 | 60 | 128 | 43 | 83% | 72% | 86 | 30 | 55% | 50% |
| Grand Total | 591 | 193 | 463 | 147 | 78% | 76% | 328 | 111 | 55% | 58% |
| Benchmark | | | | | | | | | | |
| DSPS | 169 | | 144 | | 85% | | 106 | | 63% | |
| Not DSPS | 3,011 | | 2,475 | | 82% | | 1,708 | | 57% | |
| Grand Total | 3,180 | | 2,619 | | 82% | | 1,814 | | 57% | |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--|------------|----------|------------------|----------|-----------------------|----------|--------------------|----------|-------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 8 | 14 | 2 | 2 | 25% | 14% | 2 | 2 | 25% | 14% |
| Unknown | 203 | 49 | 9 | 8 | 4% | 16% | 12 | 11 | 6% | 22% |
| Spring 2020 Total | 211 | 63 | 11 | 10 | 5% | 16% | 14 | 13 | 7% | 21% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 7 | 6 | 1 | 2 | 14% | 33% | 1 | 2 | 14% | 33% |
| Unknown | 218 | 64 | 10 | 11 | 5% | 17% | 13 | 11 | 6% | 17% |
| Fall 2020 Total | 225 | 70 | 11 | 13 | 5% | 19% | 14 | 13 | 6% | 19% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 4 | 8 | 1 | 1 | 25% | 13% | 1 | 1 | 25% | 13% |
| Unknown | 151 | 52 | 2 | 1 | 1% | 2% | 2 | 1 | 1% | 2% |
| Spring 2021 Total | 155 | 60 | 3 | 2 | 2% | 3% | 3 | 2 | 2% | 3% |
| Grand Total | 591 | 193 | 25 | 25 | 4% | 13% | 31 | 28 | 5% | 15% |
| Benchmark | | | | | | | | | | |
| DSPS | 169 | | 70 | | 41% | | 89 | | 53% | |
| Not DSPS | 3,011 | | 1,208 | | 40% | | 1,541 | | 51% | |
| Grand Total | 3,180 | | 1,278 | | 40% | | 1,630 | | 51% | |
| <i>Note.</i> A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------|------------|----------|-----------------------|----------|---------------------------------|----------|-----------------------|----------|-------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 2 | 2 | 2 | 1 | 100% | 50% | 2 | 0 | 100% | 0% |
| Unknown | 9 | 8 | 8 | 7 | 89% | 88% | 7 | 7 | 78% | 88% |
| Spring 2020 Total | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | 70% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 1 | 2 | 1 | 1 | 100% | 50% | 1 | 1 | 100% | 50% |
| Unknown | 10 | 11 | 9 | 11 | 90% | 100% | 9 | 9 | 90% | 82% |
| Fall 2020 Total | 11 | 13 | 10 | 12 | 91% | 92% | 10 | 10 | 91% | 77% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Unknown | 2 | 1 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 25 | 25 | 23 | 21 | 92% | 84% | 21 | 18 | 84% | 72% |
| Benchmark | | | | | | | | | | |
| DSPS | 73 | | 62 | | 85% | | 50 | | 68% | |
| Not DSPS | 1,325 | | 1,098 | | 83% | | 799 | | 60% | |
| Grand Total | 1,398 | | 1,160 | | 83% | | 849 | | 61% | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|--|------------|----------|-------------------------|----------|-----------------------------------|----------|-----------------------|----------|---------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 2 | 2 | 2 | 1 | 100% | 50% | 2 | 0 | 100% | 0% |
| Unknown | 12 | 11 | 10 | 10 | 83% | 91% | 9 | 10 | 75% | 91% |
| Spring 2020 Total | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 1 | 2 | 1 | 1 | 100% | 50% | 1 | 1 | 100% | 50% |
| Unknown | 13 | 11 | 11 | 11 | 85% | 100% | 10 | 9 | 77% | 82% |
| Fall 2020 Total | 14 | 13 | 12 | 12 | 86% | 92% | 11 | 10 | 79% | 77% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Unknown | 2 | 1 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 31 | 28 | 27 | 24 | 87% | 86% | 24 | 21 | 77% | 75% |
| Benchmark | | | | | | | | | | |
| DSPS | 127 | | 99 | | 78% | | 83 | | 65% | |
| Not DSPS | 2,267 | | 1,869 | | 82% | | 1,355 | | 60% | |
| Grand Total | 2,394 | | 1,968 | | 82% | | 1,438 | | 60% | |
| <i>Note.</i> For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|---|---------------------|----------|-----------------|----------|----------------------|----------|-------------------|----------|------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 3 | 4 | 0 | 2 | 0% | 50% | 0 | 2 | 0% | 50% |
| Unknown | 90 | 8 | 2 | 0 | 2% | 0% | 3 | 0 | 3% | 0% |
| Spring 2020 Total | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 0 | 5 | 0 | 1 | 0% | 20% | 0 | 1 | 0% | 20% |
| Unknown | 101 | 24 | 1 | 2 | 1% | 8% | 3 | 2 | 3% | 8% |
| Fall 2020 Total | 101 | 29 | 1 | 3 | 1% | 10% | 3 | 3 | 3% | 10% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 3 | 5 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 66 | 25 | 1 | 1 | 2% | 4% | 1 | 1 | 2% | 4% |
| Spring 2021 Total | 69 | 30 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Grand Total | 263 | 71 | 4 | 6 | 2% | 8% | 7 | 6 | 3% | 8% |
| Benchmark | | | | | | | | | | |
| DSPS | 63 | | 19 | | 30% | | 27 | | 43% | |
| Not DSPS | 1,303 | | 359 | | 28% | | 540 | | 41% | |
| Grand Total | 1,366 | | 378 | | 28% | | 567 | | 42% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|----------|-----------------|----------|--------------------------------|----------|---------------|----------|------------------------------|----------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Unknown | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 2 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 100% |
| Fall 2020 Total | 1 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 67% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 4 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 25% | 67% |
| Benchmark | | | | | | | | | | |
| DSPS | 19 | | 15 | | 79% | | 11 | | 58% | |
| Not DSPS | 366 | | 306 | | 84% | | 185 | | 51% | |
| Grand Total | 385 | | 321 | | 83% | | 196 | | 51% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|--|------------|----------|-------------------|----------|------------------------|----------|---------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Unknown | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 3 | 2 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 100% |
| Fall 2020 Total | 3 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 67% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 7 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 14% | 67% |
| Benchmark | | | | | | | | | | |
| DSPS | 30 | | 25 | | 83% | | 19 | | 63% | |
| Not DSPS | 586 | | 489 | | 83% | | 303 | | 52% | |
| Grand Total | 616 | | 514 | | 83% | | 322 | | 52% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Math 96 Disproportionate Impacts by First Generation

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|--|-------------------|----------|------------------|----------|-----------------------|----------|----------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 27 | 10 | 21 | 9 | 78% | 90% | 13 | 8 | 48% | 80% |
| Not First Gen. | 43 | 12 | 35 | 9 | 81% | 75% | 22 | 6 | 51% | 50% |
| Unknown | 141 | 41 | 105 | 35 | 74% | 85% | 83 | 28 | 59% | 68% |
| Spring 2020 Total | 211 | 63 | 161 | 53 | 76% | 84% | 118 | 42 | 56% | 67% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 37 | 14 | 29 | 13 | 78% | 93% | 19 | 6 | 51% | 43% |
| Not First Gen. | 83 | 26 | 66 | 21 | 80% | 81% | 47 | 17 | 57% | 65% |
| Unknown | 105 | 30 | 79 | 17 | 75% | 57% | 58 | 16 | 55% | 53% |
| Fall 2020 Total | 225 | 70 | 174 | 51 | 77% | 73% | 124 | 39 | 55% | 56% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 36 | 14 | 33 | 9 | 92% | 64% | 21 | 6 | 58% | 43% |
| Not First Gen. | 57 | 21 | 46 | 17 | 81% | 81% | 35 | 13 | 61% | 62% |
| Unknown | 62 | 25 | 49 | 17 | 79% | 68% | 30 | 11 | 48% | 44% |
| Spring 2021 Total | 155 | 60 | 128 | 43 | 83% | 72% | 86 | 30 | 55% | 50% |
| Grand Total | 591 | 193 | 463 | 147 | 78% | 76% | 328 | 111 | 55% | 58% |
| Benchmark | | | | | | | | | | |
| First Gen. | 802 | | 636 | | 79% | | 440 | | 55% | |
| Not First Gen. | 2,378 | | 1,983 | | 83% | | 1,374 | | 58% | |
| Grand Total | 3,180 | | 2,619 | | 82% | | 1,814 | | 57% | |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--|------------|----------|------------------|----------|-----------------------|----------|--------------------|----------|-------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 27 | 10 | 2 | 1 | 7% | 10% | 2 | 3 | 7% | 30% |
| Not First Gen. | 43 | 12 | 1 | 1 | 2% | 8% | 3 | 1 | 7% | 8% |
| Unknown | 141 | 41 | 8 | 8 | 6% | 20% | 9 | 9 | 6% | 22% |
| Spring 2020 Total | 211 | 63 | 11 | 10 | 5% | 16% | 14 | 13 | 7% | 21% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 37 | 14 | 2 | 4 | 5% | 29% | 2 | 4 | 5% | 29% |
| Not First Gen. | 83 | 26 | 4 | 4 | 5% | 15% | 5 | 4 | 6% | 15% |
| Unknown | 105 | 30 | 5 | 5 | 5% | 17% | 7 | 5 | 7% | 17% |
| Fall 2020 Total | 225 | 70 | 11 | 13 | 5% | 19% | 14 | 13 | 6% | 19% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 36 | 14 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 57 | 21 | 2 | 1 | 4% | 5% | 2 | 1 | 4% | 5% |
| Unknown | 62 | 25 | 1 | 1 | 2% | 4% | 1 | 1 | 2% | 4% |
| Spring 2021 Total | 155 | 60 | 3 | 2 | 2% | 3% | 3 | 2 | 2% | 3% |
| Grand Total | 591 | 193 | 25 | 25 | 4% | 13% | 31 | 28 | 5% | 15% |
| Benchmark | | | | | | | | | | |
| First Gen. | 802 | | 294 | | 37% | | 373 | | 47% | |
| Not First Gen. | 2,378 | | 984 | | 41% | | 1,257 | | 53% | |
| Grand Total | 3,180 | | 1,278 | | 40% | | 1,630 | | 51% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| Cohort | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------|------------|----------|-----------------------|----------|---------------------------------|----------|-----------------------|----------|-------------------------------|----------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 2 | 1 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Not First Gen. | 1 | 1 | 1 | 1 | 100% | 100% | 0 | 1 | 0% | 100% |
| Unknown | 8 | 8 | 8 | 7 | 100% | 88% | 8 | 6 | 100% | 75% |
| Spring 2020 Total | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | 70% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 2 | 4 | 2 | 4 | 100% | 100% | 2 | 2 | 100% | 50% |
| Not First Gen. | 4 | 4 | 4 | 4 | 100% | 100% | 4 | 4 | 100% | 100% |
| Unknown | 5 | 5 | 4 | 4 | 80% | 80% | 4 | 4 | 80% | 80% |
| Fall 2020 Total | 11 | 13 | 10 | 12 | 91% | 92% | 10 | 10 | 91% | 77% |
| Spring 2021 | | | | | | | | | | |
| Not First Gen. | 2 | 1 | 2 | 1 | 100% | 100% | 2 | 1 | 100% | 100% |
| Unknown | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 25 | 25 | 23 | 21 | 92% | 84% | 21 | 18 | 84% | 72% |
| Benchmark | | | | | | | | | | |
| First Gen. | 322 | | 266 | | 83% | | 192 | | 60% | |
| Not First Gen. | 1,076 | | 894 | | 83% | | 657 | | 61% | |
| Grand Total | 1,398 | | 1,160 | | 83% | | 849 | | 61% | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|---|------------|----------|-------------------------|----------|-----------------------------------|----------|-----------------------|----------|---------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 2 | 3 | 1 | 2 | 50% | 67% | 1 | 2 | 50% | 67% |
| Not First Gen. | 3 | 1 | 3 | 1 | 100% | 100% | 2 | 1 | 67% | 100% |
| Unknown | 9 | 9 | 8 | 8 | 89% | 89% | 8 | 7 | 89% | 78% |
| Spring 2020 Total | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 2 | 4 | 2 | 4 | 100% | 100% | 2 | 2 | 100% | 50% |
| Not First Gen. | 5 | 4 | 5 | 4 | 100% | 100% | 5 | 4 | 100% | 100% |
| Unknown | 7 | 5 | 5 | 4 | 71% | 80% | 4 | 4 | 57% | 80% |
| Fall 2020 Total | 14 | 13 | 12 | 12 | 86% | 92% | 11 | 10 | 79% | 77% |
| Spring 2021 | | | | | | | | | | |
| Not First Gen. | 2 | 1 | 2 | 1 | 100% | 100% | 2 | 1 | 100% | 100% |
| Unknown | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 31 | 28 | 27 | 24 | 87% | 86% | 24 | 21 | 77% | 75% |
| Benchmark | | | | | | | | | | |
| First Gen. | 547 | | 440 | | 80% | | 319 | | 58% | |
| Not First Gen. | 1,847 | | 1,528 | | 83% | | 1,119 | | 61% | |
| Grand Total | 2,394 | | 1,968 | | 82% | | 1,438 | | 60% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|---|---------------------|----------|-----------------|----------|----------------------|----------|-------------------|----------|------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 14 | 1 | 1 | 0 | 7% | 0% | 1 | 0 | 7% | 0% |
| Not First Gen. | 21 | 3 | 1 | 0 | 5% | 0% | 1 | 0 | 5% | 0% |
| Unknown | 58 | 8 | 0 | 2 | 0% | 25% | 1 | 2 | 2% | 25% |
| Spring 2020 Total | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 18 | 7 | 0 | 2 | 0% | 29% | 0 | 2 | 0% | 29% |
| Not First Gen. | 36 | 9 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 47 | 13 | 1 | 1 | 2% | 8% | 3 | 1 | 6% | 8% |
| Fall 2020 Total | 101 | 29 | 1 | 3 | 1% | 10% | 3 | 3 | 3% | 10% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 15 | 8 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 22 | 8 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 32 | 14 | 1 | 1 | 3% | 7% | 1 | 1 | 3% | 7% |
| Spring 2021 Total | 69 | 30 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Grand Total | 263 | 71 | 4 | 6 | 2% | 8% | 7 | 6 | 3% | 8% |
| Benchmark | | | | | | | | | | |
| First Gen. | 362 | | 99 | | 27% | | 143 | | 40% | |
| Not First Gen. | 1,004 | | 279 | | 28% | | 424 | | 42% | |
| Grand Total | 1,366 | | 378 | | 28% | | 567 | | 42% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|----------|-----------------|----------|--------------------------------|----------|---------------|----------|------------------------------|----------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Spring 2020 Total | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Not First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 1 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Fall 2020 Total | 1 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 67% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 4 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 25% | 67% |
| Benchmark | | | | | | | | | | |
| First Gen. | 105 | | 87 | | 83% | | 52 | | 50% | |
| Not First Gen. | 280 | | 234 | | 84% | | 144 | | 51% | |
| Grand Total | 385 | | 321 | | 83% | | 196 | | 51% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|--|------------|----------|-------------------|----------|------------------------|----------|---------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Spring 2020 Total | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Not First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 3 | 1 | 0 | 0 | 0% | 0% | 1 | 0 | 33% | 0% |
| Fall 2020 Total | 3 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 67% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 7 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 14% | 67% |
| Benchmark | | | | | | | | | | |
| First Gen. | 156 | | 128 | | 82% | | 76 | | 49% | |
| Not First Gen. | 460 | | 386 | | 84% | | 246 | | 53% | |
| Grand Total | 616 | | 514 | | 83% | | 322 | | 52% | |
| <i>Note.</i> For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Math 96 Disproportionate Impacts by Foster Status

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|--|-------------------|----------|------------------|----------|-----------------------|----------|----------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 2 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Not Foster Youth | 209 | 61 | 161 | 51 | 77% | 84% | 118 | 40 | 56% | 66% |
| Spring 2020 Total | 211 | 63 | 161 | 53 | 76% | 84% | 118 | 42 | 56% | 67% |
| Fall 2020 | | | | | | | | | | |
| Foster Youth | 3 | 2 | 2 | 2 | 67% | 100% | 2 | 2 | 67% | 100% |
| Not Foster Youth | 222 | 68 | 172 | 49 | 77% | 72% | 122 | 37 | 55% | 54% |
| Fall 2020 Total | 225 | 70 | 174 | 51 | 77% | 73% | 124 | 39 | 55% | 56% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 2 | 3 | 2 | 1 | 100% | 33% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 153 | 57 | 126 | 42 | 82% | 74% | 86 | 30 | 56% | 53% |
| Spring 2021 Total | 155 | 60 | 128 | 43 | 83% | 72% | 86 | 30 | 55% | 50% |
| Grand Total | 591 | 193 | 463 | 147 | 78% | 76% | 328 | 111 | 55% | 58% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 55 | | 43 | | 78% | | 31 | | 56% | |
| Not Foster Youth | 3,029 | | 2,492 | | 82% | | 1,720 | | 57% | |
| Unknown | 96 | | 84 | | 88% | | 63 | | 66% | |
| Grand Total | 3,180 | | 2,619 | | 82% | | 1,814 | | 57% | |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|---|------------|----------|------------------|----------|-----------------------|----------|--------------------|----------|-------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 2 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Not Foster Youth | 209 | 61 | 11 | 9 | 5% | 15% | 14 | 12 | 7% | 20% |
| Spring 2020 Total | 211 | 63 | 11 | 10 | 5% | 16% | 14 | 13 | 7% | 21% |
| Fall 2020 | | | | | | | | | | |
| Foster Youth | 3 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Not Foster Youth | 222 | 68 | 11 | 12 | 5% | 18% | 14 | 12 | 6% | 18% |
| Fall 2020 Total | 225 | 70 | 11 | 13 | 5% | 19% | 14 | 13 | 6% | 19% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 2 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 153 | 57 | 3 | 2 | 2% | 4% | 3 | 2 | 2% | 4% |
| Spring 2021 Total | 155 | 60 | 3 | 2 | 2% | 3% | 3 | 2 | 2% | 3% |
| Grand Total | 591 | 193 | 25 | 25 | 4% | 13% | 31 | 28 | 5% | 15% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 55 | | 21 | | 38% | | 23 | | 42% | |
| Not Foster Youth | 3,029 | | 1,230 | | 41% | | 1,572 | | 52% | |
| Unknown | 96 | | 27 | | 28% | | 35 | | 36% | |
| Grand Total | 3,180 | | 1,278 | | 40% | | 1,630 | | 51% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------|------------|----------|-----------------------|----------|---------------------------------|----------|-----------------------|----------|-------------------------------|----------|
| Cohort | MAT H 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Not Foster Youth | 11 | 9 | 10 | 7 | 91% | 78% | 9 | 6 | 82% | 67% |
| Spring 2020 Total | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | 70% |
| Fall 2020 | | | | | | | | | | |
| Foster Youth | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Not Foster Youth | 11 | 12 | 10 | 11 | 91% | 92% | 10 | 9 | 91% | 75% |
| Fall 2020 Total | 11 | 13 | 10 | 12 | 91% | 92% | 10 | 10 | 91% | 77% |
| Spring 2021 | | | | | | | | | | |
| Not Foster Youth | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 25 | 25 | 23 | 21 | 92% | 84% | 21 | 18 | 84% | 72% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 21 | | 18 | | 86% | | 15 | | 71% | |
| Not Foster Youth | 1,349 | | 1,118 | | 83% | | 818 | | 61% | |
| Unknown | 28 | | 24 | | 86% | | 16 | | 57% | |
| Grand Total | 1,398 | | 1,160 | | 83% | | 849 | | 61% | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|--|------------|----------|-------------------------|----------|-----------------------------------|----------|-----------------------|----------|---------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Not Foster Youth | 14 | 12 | 12 | 10 | 86% | 83% | 11 | 9 | 79% | 75% |
| Spring 2020 Total | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Fall 2020 | | | | | | | | | | |
| Foster Youth | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Not Foster Youth | 14 | 12 | 12 | 11 | 86% | 92% | 11 | 9 | 79% | 75% |
| Fall 2020 Total | 14 | 13 | 12 | 12 | 86% | 92% | 11 | 10 | 79% | 77% |
| Spring 2021 | | | | | | | | | | |
| Not Foster Youth | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 31 | 28 | 27 | 24 | 87% | 86% | 24 | 21 | 77% | 75% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 34 | | 30 | | 88% | | 24 | | 71% | |
| Not Foster Youth | 2,313 | | 1,901 | | 82% | | 1,391 | | 60% | |
| Unknown | 47 | | 37 | | 79% | | 23 | | 49% | |
| Grand Total | 2,394 | | 1,968 | | 82% | | 1,438 | | 60% | |
| <i>Note.</i> For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|---|---------------------|----------|-----------------|----------|----------------------|----------|-------------------|----------|------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 91 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Spring 2020 Total | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Fall 2020 | | | | | | | | | | |
| Foster Youth | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 100 | 29 | 1 | 3 | 1% | 10% | 3 | 3 | 3% | 10% |
| Fall 2020 Total | 101 | 29 | 1 | 3 | 1% | 10% | 3 | 3 | 3% | 10% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 2 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 67 | 27 | 1 | 1 | 1% | 4% | 1 | 1 | 1% | 4% |
| Spring 2021 Total | 69 | 30 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Grand Total | 263 | 71 | 4 | 6 | 2% | 8% | 7 | 6 | 3% | 8% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 24 | | 7 | | 29% | | 8 | | 33% | |
| Not Foster Youth | 1,309 | | 364 | | 28% | | 548 | | 42% | |
| Unknown | 33 | | 7 | | 21% | | 11 | | 33% | |
| Grand Total | 1,366 | | 378 | | 28% | | 567 | | 42% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|----------|-----------------|----------|--------------------------------|----------|---------------|----------|------------------------------|----------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Spring 2020 Total | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 1 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 67% |
| Fall 2020 Total | 1 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 67% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 4 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 25% | 67% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 7 | | 5 | | 71% | | 4 | | 57% | |
| Not Foster Youth | 371 | | 309 | | 83% | | 188 | | 51% | |
| Unknown | 7 | | 7 | | 100% | | 4 | | 57% | |
| Grand Total | 385 | | 321 | | 83% | | 196 | | 51% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|---|------------|----------|-------------------|----------|------------------------|----------|---------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Spring 2020 Total | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 3 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 67% |
| Fall 2020 Total | 3 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 67% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 7 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 14% | 67% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 10 | | 8 | | 80% | | 6 | | 60% | |
| Not Foster Youth | 594 | | 494 | | 83% | | 308 | | 52% | |
| Unknown | 12 | | 12 | | 100% | | 8 | | 67% | |
| Grand Total | 616 | | 514 | | 83% | | 322 | | 52% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Math 96 Disproportionate Impacts by Military Status

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|--|-------------------|----------|------------------|----------|-----------------------|----------|----------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 179 | 55 | 135 | 48 | 75% | 87% | 98 | 39 | 55% | 71% |
| Veteran/Active Duty | 32 | 8 | 26 | 5 | 81% | 63% | 20 | 3 | 63% | 38% |
| Spring 2020 Total | 211 | 63 | 161 | 53 | 76% | 84% | 118 | 42 | 56% | 67% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 194 | 62 | 150 | 46 | 77% | 74% | 106 | 35 | 55% | 56% |
| Veteran/Active Duty | 31 | 8 | 24 | 5 | 77% | 63% | 18 | 4 | 58% | 50% |
| Fall 2020 Total | 225 | 70 | 174 | 51 | 77% | 73% | 124 | 39 | 55% | 56% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 125 | 52 | 101 | 35 | 81% | 67% | 66 | 26 | 53% | 50% |
| Veteran/Active Duty | 30 | 8 | 27 | 8 | 90% | 100% | 20 | 4 | 67% | 50% |
| Spring 2021 Total | 155 | 60 | 128 | 43 | 83% | 72% | 86 | 30 | 55% | 50% |
| Grand Total | 591 | 193 | 463 | 147 | 78% | 76% | 328 | 111 | 55% | 58% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 2,681 | | 2,208 | | 82% | | 1,527 | | 57% | |
| Veteran/Active Duty | 499 | | 411 | | 82% | | 287 | | 58% | |
| Grand Total | 3,180 | | 2,619 | | 82% | | 1,814 | | 57% | |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | | | | | | | | |
|--|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 179 | 55 | 9 | 8 | 5% | 15% | 10 | 11 | 6% | 20% |
| Veteran/Active Duty | 32 | 8 | 2 | 2 | 6% | 25% | 4 | 2 | 13% | 25% |
| Spring 2020 Total | 211 | 63 | 11 | 10 | 5% | 16% | 14 | 13 | 7% | 21% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 194 | 62 | 10 | 11 | 5% | 18% | 13 | 11 | 7% | 18% |
| Veteran/Active Duty | 31 | 8 | 1 | 2 | 3% | 25% | 1 | 2 | 3% | 25% |
| Fall 2020 Total | 225 | 70 | 11 | 13 | 5% | 19% | 14 | 13 | 6% | 19% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 125 | 52 | 3 | 2 | 2% | 4% | 3 | 2 | 2% | 4% |
| Veteran/Active Duty | 30 | 8 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 155 | 60 | 3 | 2 | 2% | 3% | 3 | 2 | 2% | 3% |
| Grand Total | 591 | 193 | 25 | 25 | 4% | 13% | 31 | 28 | 5% | 15% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 2,681 | | 1,087 | | 41% | | 1,392 | | 52% | |
| Veteran/Active Duty | 499 | | 191 | | 38% | | 238 | | 48% | |
| Grand Total | 3,180 | | 1,278 | | 40% | | 1,630 | | 51% | |
| <i>Note.</i> A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------------|------------|----------|-----------------------|----------|---------------------------------|----------|-----------------------|----------|-------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 9 | 8 | 8 | 6 | 89% | 75% | 8 | 5 | 89% | 63% |
| Veteran/Active Duty | 2 | 2 | 2 | 2 | 100% | 100% | 1 | 2 | 50% | 100% |
| Spring 2020 Total | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | 70% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 10 | 11 | 10 | 10 | 100% | 91% | 10 | 9 | 100% | 82% |
| Veteran/Active Duty | 1 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 11 | 13 | 10 | 12 | 91% | 92% | 10 | 10 | 91% | 77% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 25 | 25 | 23 | 21 | 92% | 84% | 21 | 18 | 84% | 72% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 1,176 | | 975 | | 83% | | 705 | | 60% | |
| Veteran/Active Duty | 222 | | 185 | | 83% | | 144 | | 65% | |
| Grand Total | 1,398 | | 1,160 | | 83% | | 849 | | 61% | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|---|------------|----------|-------------------------|----------|-----------------------------------|----------|-----------------------|----------|---------------------------------|----------|
| Cohort | MAT H 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 10 | 11 | 9 | 9 | 90% | 82% | 9 | 8 | 90% | 73% |
| Veteran/Active Duty | 4 | 2 | 3 | 2 | 75% | 100% | 2 | 2 | 50% | 100% |
| Spring 2020 Total | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 13 | 11 | 12 | 10 | 92% | 91% | 11 | 9 | 85% | 82% |
| Veteran/Active Duty | 1 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 14 | 13 | 12 | 12 | 86% | 92% | 11 | 10 | 79% | 77% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 31 | 28 | 27 | 24 | 87% | 86% | 24 | 21 | 77% | 75% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 2,025 | | 1,655 | | 82% | | 1,212 | | 60% | |
| Veteran/Active Duty | 369 | | 313 | | 85% | | 226 | | 61% | |
| Grand Total | 2,394 | | 1,968 | | 82% | | 1,438 | | 60% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|---|---------------------|----------|-----------------|----------|----------------------|----------|-------------------|----------|------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 81 | 10 | 1 | 2 | 1% | 20% | 1 | 2 | 1% | 20% |
| Veteran/Active Duty | 12 | 2 | 1 | 0 | 8% | 0% | 2 | 0 | 17% | 0% |
| Spring 2020 Total | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 88 | 25 | 0 | 2 | 0% | 8% | 2 | 2 | 2% | 8% |
| Veteran/Active Duty | 13 | 4 | 1 | 1 | 8% | 25% | 1 | 1 | 8% | 25% |
| Fall 2020 Total | 101 | 29 | 1 | 3 | 1% | 10% | 3 | 3 | 3% | 10% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 59 | 26 | 1 | 1 | 2% | 4% | 1 | 1 | 2% | 4% |
| Veteran/Active Duty | 10 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 69 | 30 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Grand Total | 263 | 71 | 4 | 6 | 2% | 8% | 7 | 6 | 3% | 8% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 1,154 | | 328 | | 28% | | 490 | | 42% | |
| Veteran/Active Duty | 212 | | 50 | | 24% | | 77 | | 36% | |
| Grand Total | 1,366 | | 378 | | 28% | | 567 | | 42% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------------------|------------|-------------|-----------------|-------------|-----------------------------------|----------|---------------|-------------|---------------------------------|-------------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 1 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Veteran/Active Duty | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 0 | 2 | 0 | 0 | 0% | 0% | 1 | 1 | 0% | 50% |
| Veteran/Active Duty | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| Fall 2020 Total | 1 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 67% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 4 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 25% | 67% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 334 | | 281 | | 84% | | 170 | | 51% | |
| Veteran/Active Duty | 51 | | 40 | | 78% | | 26 | | 51% | |
| Grand Total | 385 | | 321 | | 83% | | 196 | | 51% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|---|------------|----------|-------------------|----------|------------------------|----------|---------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 1 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Veteran/Active Duty | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 2 | 2 | 0 | 0 | 0% | 0% | 1 | 1 | 50% | 50% |
| Veteran/Active Duty | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| Fall 2020 Total | 3 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 67% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 7 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 14% | 67% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 532 | | 444 | | 83% | | 282 | | 53% | |
| Veteran/Active Duty | 84 | | 70 | | 83% | | 40 | | 48% | |
| Grand Total | 616 | | 514 | | 83% | | 322 | | 52% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Math 96 Disproportionate Impacts by Modality

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|--|-------------------|----------|------------------|----------|-----------------------|----------|----------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 158 | 63 | 120 | 53 | 76% | 84% | 88 | 42 | 56% | 67% |
| Online | 53 | 0 | 41 | 0 | 77% | 0% | 30 | 0 | 57% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 211 | 63 | 161 | 53 | 76% | 84% | 118 | 42 | 56% | 67% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 110 | 28 | 78 | 26 | 71% | 93% | 58 | 20 | 53% | 71% |
| Online | 81 | 42 | 65 | 25 | 80% | 60% | 47 | 19 | 58% | 45% |
| Unknown | 34 | 0 | 31 | 0 | 91% | 0% | 19 | 0 | 56% | 0% |
| Fall 2020 Total | 225 | 70 | 174 | 51 | 77% | 73% | 124 | 39 | 55% | 56% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 48 | 31 | 36 | 24 | 75% | 77% | 24 | 11 | 50% | 35% |
| Online | 107 | 29 | 92 | 19 | 86% | 66% | 62 | 19 | 58% | 66% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 155 | 60 | 128 | 43 | 83% | 72% | 86 | 30 | 55% | 50% |
| Grand Total | 591 | 193 | 463 | 147 | 78% | 76% | 328 | 111 | 55% | 58% |
| Benchmark | | | | | | | | | | |
| Day | 1,951 | | 1,668 | | 85% | | 1,171 | | 60% | |
| Evening | 783 | | 662 | | 85% | | 488 | | 62% | |
| Online | 446 | | 289 | | 65% | | 155 | | 35% | |
| Grand Total | 3,180 | | 2,619 | | 82% | | 1,814 | | 57% | |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|---|------------|----------|------------------|----------|-----------------------|----------|--------------------|----------|-------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 158 | 63 | 11 | 10 | 7% | 16% | 14 | 13 | 9% | 21% |
| Online | 53 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 211 | 63 | 11 | 10 | 5% | 16% | 14 | 13 | 7% | 21% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 110 | 28 | 6 | 8 | 5% | 29% | 7 | 8 | 6% | 29% |
| Online | 81 | 42 | 5 | 5 | 6% | 12% | 7 | 5 | 9% | 12% |
| Unknown | 34 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 225 | 70 | 11 | 13 | 5% | 19% | 14 | 13 | 6% | 19% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 48 | 31 | 2 | 1 | 4% | 3% | 2 | 1 | 4% | 3% |
| Online | 107 | 29 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 155 | 60 | 3 | 2 | 2% | 3% | 3 | 2 | 2% | 3% |
| Grand Total | 591 | 193 | 25 | 25 | 4% | 13% | 31 | 28 | 5% | 15% |
| Benchmark | | | | | | | | | | |
| Day | 1,951 | | 851 | | 44% | | 1,083 | | 56% | |
| Evening | 783 | | 271 | | 35% | | 354 | | 45% | |
| Online | 446 | | 156 | | 35% | | 193 | | 43% | |
| Grand Total | 3,180 | | 1,278 | | 40% | | 1,630 | | 51% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------|------------|----------|-----------------------|----------|---------------------------------|----------|-----------------------|----------|-------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | 70% |
| Spring 2020 Total | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | 70% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 6 | 8 | 6 | 7 | 100% | 88% | 6 | 6 | 100% | 75% |
| Online | 5 | 5 | 4 | 5 | 80% | 100% | 4 | 4 | 80% | 80% |
| Fall 2020 Total | 11 | 13 | 10 | 12 | 91% | 92% | 10 | 10 | 91% | 77% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 2 | 1 | 2 | 1 | 100% | 100% | 1 | 1 | 50% | 100% |
| Online | 1 | 1 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 25 | 25 | 23 | 21 | 92% | 84% | 21 | 18 | 84% | 72% |
| Benchmark | | | | | | | | | | |
| Day | 918 | | 774 | | 84% | | 555 | | 60% | |
| Evening | 294 | | 226 | | 77% | | 176 | | 60% | |
| Online | 186 | | 160 | | 86% | | 118 | | 63% | |
| Grand Total | 1,398 | | 1,160 | | 83% | | 849 | | 61% | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|---|------------|----------|-------------------------|----------|-----------------------------------|----------|-----------------------|----------|---------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Spring 2020 Total | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 7 | 8 | 7 | 7 | 100% | 88% | 7 | 6 | 100% | 75% |
| Online | 7 | 5 | 5 | 5 | 71% | 100% | 4 | 4 | 57% | 80% |
| Fall 2020 Total | 14 | 13 | 12 | 12 | 86% | 92% | 11 | 10 | 79% | 77% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 2 | 1 | 2 | 1 | 100% | 100% | 1 | 1 | 50% | 100% |
| Online | 1 | 1 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 31 | 28 | 27 | 24 | 87% | 86% | 24 | 21 | 77% | 75% |
| Benchmark | | | | | | | | | | |
| Day | 1,566 | | 1,305 | | 83% | | 940 | | 60% | |
| Evening | 503 | | 392 | | 78% | | 296 | | 59% | |
| Online | 325 | | 271 | | 83% | | 202 | | 62% | |
| Grand Total | 2,394 | | 1,968 | | 82% | | 1,438 | | 60% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--|---------------------|----------|-----------------|----------|----------------------|----------|-------------------|----------|------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 70 | 12 | 2 | 2 | 3% | 17% | 3 | 2 | 4% | 17% |
| Online | 23 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 52 | 8 | 0 | 2 | 0% | 25% | 0 | 2 | 0% | 25% |
| Online | 34 | 21 | 1 | 1 | 3% | 5% | 3 | 1 | 9% | 5% |
| Unknown | 15 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 101 | 29 | 1 | 3 | 1% | 10% | 3 | 3 | 3% | 10% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 24 | 20 | 1 | 0 | 4% | 0% | 1 | 0 | 4% | 0% |
| Online | 45 | 10 | 0 | 1 | 0% | 10% | 0 | 1 | 0% | 10% |
| Spring 2021 Total | 69 | 30 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Grand Total | 263 | 71 | 4 | 6 | 2% | 8% | 7 | 6 | 3% | 8% |
| Benchmark | | | | | | | | | | |
| Day | 780 | | 219 | | 28% | | 336 | | 43% | |
| Evening | 295 | | 73 | | 25% | | 118 | | 40% | |
| Online | 291 | | 86 | | 30% | | 113 | | 39% | |
| Grand Total | 1,366 | | 378 | | 28% | | 567 | | 42% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|----------|-----------------|----------|--------------------------------|----------|---------------|----------|------------------------------|----------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 50% |
| Online | 1 | 1 | 0 | 0 | 0% | 0% | 1 | 1 | 100% | 100% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 67% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 4 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 25% | 67% |
| Benchmark | | | | | | | | | | |
| Day | 222 | | 194 | | 87% | | 112 | | 50% | |
| Evening | 75 | | 52 | | 69% | | 31 | | 41% | |
| Online | 88 | | 75 | | 85% | | 53 | | 60% | |
| Grand Total | 385 | | 321 | | 83% | | 196 | | 51% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|---|------------|----------|-------------------|----------|------------------------|----------|---------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 50% |
| Online | 3 | 1 | 0 | 0 | 0% | 0% | 1 | 1 | 33% | 100% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 3 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 67% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 7 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 14% | 67% |
| Benchmark | | | | | | | | | | |
| Day | 358 | | 308 | | 86% | | 185 | | 52% | |
| Evening | 134 | | 102 | | 76% | | 64 | | 48% | |
| Online | 124 | | 104 | | 84% | | 73 | | 59% | |
| Grand Total | 616 | | 514 | | 83% | | 322 | | 52% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Math 96 Disproportionate Impacts by Student Type

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|-------------------|-------------------|----------|------------------|----------|-----------------------|----------|----------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 112 | 52 | 83 | 45 | 74% | 87% | 63 | 35 | 56% | 67% |
| Day/Evening | 10 | 1 | 10 | 1 | 100% | 100% | 5 | 1 | 50% | 100% |
| Evening Only | 25 | 10 | 19 | 7 | 76% | 70% | 14 | 6 | 56% | 60% |
| On-Campus/Online | 18 | 0 | 11 | 0 | 61% | 0% | 7 | 0 | 39% | 0% |
| Online Only | 46 | 0 | 38 | 0 | 83% | 0% | 29 | 0 | 63% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 211 | 63 | 161 | 53 | 76% | 84% | 118 | 42 | 56% | 67% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 57 | 25 | 41 | 23 | 72% | 92% | 32 | 18 | 56% | 72% |
| Day/Evening | 3 | 0 | 2 | 0 | 67% | 0% | 1 | 0 | 33% | 0% |
| Evening Only | 27 | 0 | 18 | 0 | 67% | 0% | 12 | 0 | 44% | 0% |
| On-Campus/Online | 27 | 3 | 21 | 3 | 78% | 100% | 15 | 2 | 56% | 67% |
| Online Only | 86 | 42 | 70 | 25 | 81% | 60% | 50 | 19 | 58% | 45% |
| Unknown | 25 | 0 | 22 | 0 | 88% | 0% | 14 | 0 | 56% | 0% |
| Fall 2020 Total | 225 | 70 | 174 | 51 | 77% | 73% | 124 | 39 | 55% | 56% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 31 | 30 | 25 | 24 | 81% | 80% | 15 | 11 | 48% | 37% |
| Day/Evening | 3 | 0 | 2 | 0 | 67% | 0% | 1 | 0 | 33% | 0% |
| Evening Only | 11 | 0 | 7 | 0 | 64% | 0% | 6 | 0 | 55% | 0% |
| On-Campus/Online | 7 | 1 | 4 | 0 | 57% | 0% | 4 | 0 | 57% | 0% |
| Online Only | 103 | 29 | 90 | 19 | 87% | 66% | 60 | 19 | 58% | 66% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 155 | 60 | 128 | 43 | 83% | 72% | 86 | 30 | 55% | 50% |
| Grand Total | 591 | 193 | 463 | 147 | 78% | 76% | 328 | 111 | 55% | 58% |
| Benchmark | | | | | | | | | | |
| Day Only | 1,853 | | 1,582 | | 85% | | 1,106 | | 60% | |
| Day/Evening | 114 | | 96 | | 84% | | 73 | | 64% | |
| Evening Only | 739 | | 628 | | 85% | | 461 | | 62% | |

| | | | | | |
|---|--------------|--------------|------------|--------------|------------|
| On-Campus/Online | 52 | 44 | 85% | 27 | 52% |
| Online Only | 422 | 269 | 64% | 147 | 35% |
| Grand Total | 3,180 | 2,619 | 82% | 1,814 | 57% |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|----------|------------------|----------|-----------------------|----------|--------------------|----------|-------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 112 | 52 | 9 | 10 | 8% | 19% | 11 | 12 | 10% | 23% |
| Day/Evening | 10 | 1 | 1 | 0 | 10% | 0% | 2 | 0 | 20% | 0% |
| Evening Only | 25 | 10 | 1 | 0 | 4% | 0% | 1 | 1 | 4% | 10% |
| On-Campus/Online | 18 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 46 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 211 | 63 | 11 | 10 | 5% | 16% | 14 | 13 | 7% | 21% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 57 | 25 | 5 | 7 | 9% | 28% | 5 | 7 | 9% | 28% |
| Day/Evening | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 27 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 27 | 3 | 1 | 1 | 4% | 33% | 2 | 1 | 7% | 33% |
| Online Only | 86 | 42 | 5 | 5 | 6% | 12% | 7 | 5 | 8% | 12% |
| Unknown | 25 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 225 | 70 | 11 | 13 | 5% | 19% | 14 | 13 | 6% | 19% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 31 | 30 | 0 | 1 | 0% | 3% | 0 | 1 | 0% | 3% |
| Day/Evening | 3 | 0 | 1 | 0 | 33% | 0% | 1 | 0 | 33% | 0% |
| Evening Only | 11 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 7 | 1 | 1 | 0 | 14% | 0% | 1 | 0 | 14% | 0% |
| Online Only | 103 | 29 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 155 | 60 | 3 | 2 | 2% | 3% | 3 | 2 | 2% | 3% |
| Grand Total | 591 | 193 | 25 | 25 | 4% | 13% | 31 | 28 | 5% | 15% |
| Benchmark | | | | | | | | | | |
| Day Only | 1,853 | | 801 | | 43% | | 1,023 | | 55% | |
| Day/Evening | 114 | | 58 | | 51% | | 69 | | 61% | |
| Evening Only | 739 | | 250 | | 34% | | 331 | | 45% | |
| On-Campus/Online | 52 | | 20 | | 38% | | 24 | | 46% | |
| Online Only | 422 | | 149 | | 35% | | 183 | | 43% | |

| | | | | | |
|--|-------|-------|-----|-------|-----|
| Grand Total | 3,180 | 1,278 | 40% | 1,630 | 51% |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|---|------------|----------|-----------------------|----------|---------------------------------|----------|-----------------------|----------|-------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 9 | 10 | 8 | 8 | 89% | 80% | 7 | 7 | 78% | 70% |
| Day/Evening | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Evening Only | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2020 Total | 11 | 10 | 10 | 8 | 91% | 80% | 9 | 7 | 82% | 70% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 5 | 7 | 5 | 6 | 100% | 86% | 5 | 5 | 100% | 71% |
| On-Campus/Online | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Online Only | 5 | 5 | 4 | 5 | 80% | 100% | 4 | 4 | 80% | 80% |
| Fall 2020 Total | 11 | 13 | 10 | 12 | 91% | 92% | 10 | 10 | 91% | 77% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Day/Evening | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Online Only | 1 | 1 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 25 | 25 | 23 | 21 | 92% | 84% | 21 | 18 | 84% | 72% |
| Benchmark | | | | | | | | | | |
| Day Only | 859 | | 725 | | 84% | | 514 | | 60% | |
| Day/Evening | 65 | | 55 | | 85% | | 47 | | 72% | |
| Evening Only | 270 | | 205 | | 76% | | 157 | | 58% | |
| On-Campus/Online | 27 | | 24 | | 89% | | 18 | | 67% | |
| Online Only | 177 | | 151 | | 85% | | 113 | | 64% | |
| Grand Total | 1,398 | | 1,160 | | 83% | | 849 | | 61% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|--|------------|----------|-------------------------|----------|-----------------------------------|----------|-----------------------|----------|---------------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 11 | 12 | 10 | 10 | 91% | 83% | 9 | 9 | 82% | 75% |
| Day/Evening | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Evening Only | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Spring 2020 Total | 14 | 13 | 12 | 11 | 86% | 85% | 11 | 10 | 79% | 77% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 5 | 7 | 5 | 6 | 100% | 86% | 5 | 5 | 100% | 71% |
| On-Campus/Online | 2 | 1 | 2 | 1 | 100% | 100% | 2 | 1 | 100% | 100% |
| Online Only | 7 | 5 | 5 | 5 | 71% | 100% | 4 | 4 | 57% | 80% |
| Fall 2020 Total | 14 | 13 | 12 | 12 | 86% | 92% | 11 | 10 | 79% | 77% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Day/Evening | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Online Only | 1 | 1 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 3 | 2 | 3 | 1 | 100% | 50% | 2 | 1 | 67% | 50% |
| Grand Total | 31 | 28 | 27 | 24 | 87% | 86% | 24 | 21 | 77% | 75% |
| Benchmark | | | | | | | | | | |
| Day Only | 1,472 | | 1,226 | | 83% | | 874 | | 59% | |
| Day/Evening | 104 | | 88 | | 85% | | 75 | | 72% | |
| Evening Only | 467 | | 362 | | 78% | | 270 | | 58% | |
| On-Campus/Online | 43 | | 35 | | 81% | | 25 | | 58% | |
| Online Only | 308 | | 257 | | 83% | | 194 | | 63% | |
| Grand Total | 2,394 | | 1,968 | | 82% | | 1,438 | | 60% | |
| Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|----------|-----------------|----------|----------------------|----------|-------------------|----------|------------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 49 | 11 | 2 | 2 | 4% | 18% | 2 | 2 | 4% | 18% |
| Day/Evening | 5 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 20% | 0% |
| Evening Only | 11 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 11 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 17 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 93 | 12 | 2 | 2 | 2% | 17% | 3 | 2 | 3% | 17% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 25 | 7 | 0 | 2 | 0% | 29% | 0 | 2 | 0% | 29% |
| Day/Evening | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 15 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 12 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 36 | 21 | 1 | 1 | 3% | 5% | 3 | 1 | 8% | 5% |
| Unknown | 11 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 101 | 29 | 1 | 3 | 1% | 10% | 3 | 3 | 3% | 10% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 16 | 19 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Day/Evening | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Evening Only | 5 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 3 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 43 | 10 | 0 | 1 | 0% | 10% | 0 | 1 | 0% | 10% |
| Spring 2021 Total | 69 | 30 | 1 | 1 | 1% | 3% | 1 | 1 | 1% | 3% |
| Grand Total | 263 | 71 | 4 | 6 | 2% | 8% | 7 | 6 | 3% | 8% |
| Benchmark | | | | | | | | | | |
| Day Only | 747 | | 206 | | 28% | | 319 | | 43% | |
| Day/Evening | 41 | | 15 | | 37% | | 21 | | 51% | |
| Evening Only | 278 | | 69 | | 25% | | 112 | | 40% | |
| On-Campus/Online | 25 | | 7 | | 28% | | 9 | | 36% | |
| Online Only | 275 | | 81 | | 29% | | 106 | | 39% | |
| Grand Total | 1,366 | | 378 | | 28% | | 567 | | 42% | |

Note. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|----------|-----------------|----------|--------------------------------|----------|---------------|----------|------------------------------|----------|
| | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 50% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 1 | 1 | 0 | 0 | 0% | 0% | 1 | 1 | 100% | 100% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 100% | 67% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Day/Evening | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 4 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 25% | 67% |
| Benchmark | | | | | | | | | | |
| Day Only | 209 | | 183 | | 88% | | 105 | | 50% | |
| Day/Evening | 15 | | 13 | | 87% | | 7 | | 47% | |
| Evening Only | 71 | | 48 | | 68% | | 29 | | 41% | |

| | | | | | |
|--|-----|-----|------|-----|-----|
| On-Campus/Online | 7 | 7 | 100% | 4 | 57% |
| Online Only | 83 | 70 | 84% | 51 | 61% |
| Grand Total | 385 | 321 | 83% | 196 | 51% |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|----------|-------------------|----------|------------------------|----------|---------------|----------|---------------------|----------|
| Cohort | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X | MATH 96 | MATH 96X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Day/Evening | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 3 | 2 | 0 | 0 | 0% | 0% | 0 | 2 | 0% | 100% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 50% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 3 | 1 | 0 | 0 | 0% | 0% | 1 | 1 | 33% | 100% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 3 | 3 | 0 | 0 | 0% | 0% | 1 | 2 | 33% | 67% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Day/Evening | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 7 | 6 | 0 | 0 | 0% | 0% | 1 | 4 | 14% | 67% |
| Benchmark | | | | | | | | | | |
| Day Only | 340 | | 292 | | 86% | | 173 | | 51% | |
| Day/Evening | 24 | | 21 | | 88% | | 14 | | 58% | |
| Evening Only | 126 | | 95 | | 75% | | 60 | | 48% | |
| On-Campus/Online | 11 | | 9 | | 82% | | 5 | | 45% | |
| Online Only | 115 | | 97 | | 84% | | 70 | | 61% | |
| Grand Total | 616 | | 514 | | 83% | | 322 | | 52% | |

Note. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

MATH 116 Disproportionate Impacts by Gender

Table 1 Cohort Outcomes

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Female | 97 | 9 | 81 | 6 | 84% | 67% | 72 | 6 | 74% | 67% |
| Male | 128 | 12 | 105 | 9 | 82% | 75% | 95 | 6 | 74% | 50% |
| Non-Binary | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Fall 2020 | | | | | | | | | | |
| Female | 145 | 20 | 133 | 20 | 92% | 100% | 113 | 14 | 78% | 70% |
| Male | 135 | 18 | 116 | 16 | 86% | 89% | 104 | 7 | 77% | 39% |
| Non-Binary | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Fall 2020 Total | 281 | 38 | 250 | 36 | 89% | 95% | 218 | 21 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| Female | 75 | 8 | 72 | 6 | 96% | 75% | 60 | 5 | 80% | 63% |
| Male | 78 | 8 | 72 | 6 | 92% | 75% | 59 | 5 | 76% | 63% |
| Unknown | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 154 | 16 | 145 | 12 | 94% | 75% | 120 | 10 | 78% | 63% |
| Grand Total | 660 | 75 | 581 | 63 | 88% | 84% | 505 | 43 | 77% | 57% |
| Benchmark | | | | | | | | | | |
| Female | 834 | | 675 | | 81% | | 524 | | 63% | |
| Male | 836 | | 704 | | 84% | | 520 | | 62% | |
| Grand Total | 1,670 | | 1,379 | | 83% | | 1,044 | | 63% | |
| Note. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Female | 97 | 9 | 0 | 3 | 0% | 33% | 0 | 3 | 0% | 33% |
| Male | 128 | 12 | 2 | 2 | 2% | 17% | 4 | 3 | 3% | 25% |
| Non-Binary | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Fall 2020 | | | | | | | | | | |
| Female | 145 | 20 | 4 | 6 | 3% | 30% | 6 | 7 | 4% | 35% |
| Male | 135 | 18 | 3 | 3 | 2% | 17% | 3 | 4 | 2% | 22% |
| Non-Binary | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 281 | 38 | 7 | 9 | 2% | 24% | 9 | 11 | 3% | 29% |
| Spring 2021 | | | | | | | | | | |
| Female | 75 | 8 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Male | 78 | 8 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | | 0% | 0% |
| Spring 2021 Total | 154 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Grand Total | 660 | 75 | 10 | 14 | 2% | 19% | 14 | 17 | 2% | 23% |
| Benchmark | | | | | | | | | | |
| Female | 834 | | 385 | | 46% | | 469 | | 59% | |
| Male | 836 | | 401 | | 48% | | 474 | | 57% | |
| Grand Total | 1,670 | | 786 | | 47% | | 943 | | 58% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Female | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 3 | 0% | 100% |
| Male | 2 | 2 | 2 | 2 | 100% | 100% | 2 | 2 | 100% | 100% |
| Spring 2020 Total | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Fall 2020 | | | | | | | | | | |
| Female | 4 | 6 | 4 | 6 | 100% | 100% | 4 | 6 | 100% | 100% |
| Male | 3 | 3 | 3 | 3 | 100% | 100% | 2 | 1 | 67% | 33% |
| Fall 2020 Total | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Spring 2021 | | | | | | | | | | |
| Female | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 10 | 14 | 10 | 14 | 100% | 100% | 9 | 12 | 90% | 86% |
| Benchmark | | | | | | | | | | |
| Female | 425 | | 382 | | 90% | | 318 | | 75% | |
| Male | 447 | | 383 | | 86% | | 314 | | 70% | |
| Grand Total | 872 | | 765 | | 88% | | 632 | | 73% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Female | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 3 | 0% | 100% |
| Male | 4 | 3 | 3 | 2 | 75% | 67% | 3 | 2 | 75% | 67% |
| Spring 2020 Total | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Fall 2020 | | | | | | | | | | |
| Female | 6 | 7 | 6 | 7 | 100% | 100% | 6 | 7 | 100% | 100% |
| Male | 3 | 4 | 3 | 4 | 100% | 100% | 2 | 2 | 67% | 50% |
| Fall 2020 Total | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Spring 2021 | | | | | | | | | | |
| Female | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 14 | 17 | 13 | 16 | 93% | 94% | 12 | 14 | 86% | 82% |

Table 5 Cohort Repetition Outcomes

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Female | 25 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 33 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 3% | 0% |
| Spring 2020 Total | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Fall 2020 | | | | | | | | | | |
| Female | 32 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 31 | 11 | 1 | 2 | 3% | 18% | 1 | 2 | 3% | 18% |
| Fall 2020 Total | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Spring 2021 | | | | | | | | | | |
| Female | 15 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 19 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 155 | 27 | 1 | 2 | 1% | 7% | 2 | 2 | 1% | 7% |
| Benchmark | | | | | | | | | | |
| Female | 310 | | 87 | | 28% | | 114 | | 37% | |
| Male | 316 | | 76 | | 24% | | 108 | | 34% | |
| Grand Total | 626 | | 163 | | 26% | | 222 | | 36% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Female | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| Female | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| Female | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Benchmark | | | | | | | | | | |
| Female | 310 | | 87 | | 28% | | 114 | | 37% | |
| Male | 316 | | 76 | | 24% | | 108 | | 34% | |
| Grand Total | 626 | | 163 | | 26% | | 222 | | 36% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enroll ment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|----------------------|----------------|--------------|----------------------|--------------|------------------------------|--------------|------------------|--------------|---------------------------|--------------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Female | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| Female | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| Female | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Male | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 2 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |

MATH 116 Disproportionate Impacts by Ethnicity

Table 1 Cohort Outcomes

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|------------------------|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| American Indian | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Asian | 33 | 0 | 32 | 0 | 97% | 0% | 32 | 0 | 97% | 0% |
| Asian/Pacific Islander | 0 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| Black/African American | 5 | 0 | 4 | 0 | 80% | 0% | 3 | 0 | 60% | 0% |
| Filipino/a | 21 | 0 | 18 | 0 | 86% | 0% | 18 | 0 | 86% | 0% |
| Latinx | 52 | 4 | 36 | 4 | 69% | 100% | 29 | 3 | 56% | 75% |
| Multiple Ethnicities | 14 | 0 | 8 | 0 | 57% | 0% | 6 | 0 | 43% | 0% |
| Other | 0 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 10 | 0 | 9 | 0 | 90% | 0% | 9 | 0 | 90% | 0% |
| White | 88 | 9 | 78 | 7 | 89% | 78% | 69 | 5 | 78% | 56% |
| Spring 2020 Total | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| Asian | 38 | 0 | 35 | 0 | 92% | 0% | 31 | 0 | 82% | 0% |
| Asian/Pacific Islander | 0 | 8 | 0 | 8 | 0% | 100% | 0 | 3 | 0% | 38% |
| Black/African American | 9 | 0 | 6 | 0 | 67% | 0% | 5 | 0 | 56% | 0% |
| Filipino/a | 24 | 0 | 21 | 0 | 88% | 0% | 18 | 0 | 75% | 0% |
| Latinx | 61 | 13 | 52 | 13 | 85% | 100% | 43 | 9 | 70% | 69% |
| Multiple Ethnicities | 23 | 0 | 21 | 0 | 91% | 0% | 18 | 0 | 78% | 0% |
| Other | 0 | 3 | 0 | 2 | 0% | 67% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 5 | 0 | 5 | 0 | 100% | 0% | 4 | 0 | 80% | 0% |
| White | 121 | 12 | 110 | 11 | 91% | 92% | 99 | 8 | 82% | 67% |
| Fall 2020 Total | 281 | 38 | 250 | 36 | 89% | 95% | 218 | 21 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |

| | | | | | | | | | | |
|------------------------|-----|----|-----|----|------|------|-----|----|------|------|
| American Indian | 3 | 0 | 2 | 0 | 67% | 0% | 2 | 0 | 67% | 0% |
| Asian | 22 | 0 | 22 | 0 | 100% | 0% | 21 | 0 | 95% | 0% |
| Asian/Pacific Islander | 0 | 4 | 0 | 4 | 0% | 100% | 0 | 4 | 0% | 100% |
| Black/African American | 4 | 0 | 2 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 16 | 0 | 16 | 0 | 100% | 0% | 15 | 0 | 94% | 0% |
| Latinx | 39 | 7 | 36 | 3 | 92% | 43% | 27 | 2 | 69% | 29% |
| Multiple Ethnicities | 13 | 0 | 12 | 0 | 92% | 0% | 9 | 0 | 69% | 0% |
| Pacific Islander | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Unknown | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| White | 54 | 5 | 52 | 5 | 96% | 100% | 43 | 4 | 80% | 80% |
| Spring 2021 Total | 154 | 16 | 145 | 12 | 94% | 75% | 120 | 10 | 78% | 63% |
| Grand Total | 660 | 75 | 581 | 63 | 88% | 84% | 505 | 43 | 77% | 57% |

Benchmark

| | | | | | |
|------------------------|-------|-------|------|-------|-----|
| African American | 71 | 54 | 76% | 38 | 54% |
| American Indian | 1 | 1 | 100% | 0 | 0% |
| Asian/Pacific Islander | 315 | 277 | 88% | 226 | 72% |
| Filipino/a | 193 | 169 | 88% | 134 | 69% |
| Latinx | 363 | 286 | 79% | 197 | 54% |
| White | 570 | 471 | 83% | 362 | 64% |
| Other | 130 | 106 | 82% | 74 | 57% |
| Unknown | 27 | 15 | 56% | 13 | 48% |
| Grand Total | 1,670 | 1,379 | 81% | 1,044 | 52% |

Note. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 2 Cohort Persistence

| Cohort | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|------------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 33 | 0 | 1 | 0 | 3% | 0% | 1 | 0 | 3% | 0% |
| Asian/Pacific Islander | 0 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 5 | 0 | 1 | 0 | 20% | 0% | 1 | 0 | 20% | 0% |
| Filipino/a | 21 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 52 | 4 | 0 | 1 | 0% | 25% | 0 | 1 | 0% | 25% |
| Multiple Ethnicities | 14 | 0 | 0 | 0 | 0% | 0% | 2 | 0 | 14% | 0% |
| Other | 0 | 3 | 0 | 1 | 0% | 33% | 0 | 2 | 0% | 67% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 10 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 88 | 9 | 0 | 3 | 0% | 33% | 0 | 3 | 0% | 33% |
| Spring 2020 Total | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 50% |
| Asian | 38 | 0 | 1 | 0 | 3% | 0% | 2 | 0 | 5% | 0% |
| Asian/Pacific Islander | 0 | 8 | 0 | 4 | 0% | 50% | 0 | 4 | 0% | 50% |
| Black/African American | 9 | 0 | 1 | 0 | 11% | 0% | 1 | 0 | 11% | 0% |
| Filipino/a | 24 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 61 | 13 | 4 | 2 | 7% | 15% | 5 | 3 | 8% | 23% |
| Multiple Ethnicities | 23 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 5 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 121 | 12 | 1 | 2 | 1% | 17% | 1 | 2 | 1% | 17% |
| Fall 2020 Total | 281 | 38 | 7 | 9 | 2% | 24% | 9 | 11 | 3% | 29% |
| Spring 2021 | | | | | | | | | | |
| American Indian | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 22 | 0 | 1 | 0 | 5% | 0% | 1 | 0 | 5% | 0% |

| | | | | | | | | | | |
|------------------------|-----|----|----|----|----|-----|----|----|----|-----|
| Asian/Pacific Islander | 0 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 4 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 16 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 39 | 7 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 13 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 54 | 5 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 154 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Grand Total | 660 | 75 | 10 | 14 | 2% | 19% | 14 | 17 | 2% | 23% |

Benchmark

| | | | | | |
|------------------------|-------|-----|-----|-----|-----|
| African American | 71 | 33 | 46% | 38 | 54% |
| American Indian | 1 | 0 | 0% | 0 | 0% |
| Asian/Pacific Islander | 315 | 182 | 58% | 205 | 65% |
| Filipino/a | 193 | 96 | 50% | 121 | 63% |
| Latinx | 363 | 153 | 42% | 192 | 53% |
| White | 570 | 251 | 44% | 306 | 54% |
| Other | 130 | 60 | 46% | 68 | 52% |
| Unknown | 27 | 11 | 41% | 13 | 48% |
| Grand Total | 1,670 | 786 | 41% | 943 | 49% |

Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|------------------------|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Black/African American | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Latinx | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Other | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| White | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 3 | 0% | 100% |
| Spring 2020 Total | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Fall 2020 | | | | | | | | | | |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 4 | 0 | 4 | 0% | 100% | 0 | 3 | 0% | 75% |
| Black/African American | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Latinx | 4 | 2 | 4 | 2 | 100% | 100% | 4 | 2 | 100% | 100% |
| Other | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| White | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 2 | 100% | 100% |
| Fall 2020 Total | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Spring 2021 | | | | | | | | | | |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 10 | 14 | 10 | 14 | 100% | 100% | 9 | 12 | 90% | 86% |
| Benchmark | | | | | | | | | | |
| African American | 36 | | 32 | | 89% | | 25 | | 69% | |
| Asian/Pacific Islander | 204 | | 186 | | 91% | | 160 | | 78% | |
| Filipino/a | 101 | | 89 | | 88% | | 77 | | 76% | |
| Latinx | 176 | | 152 | | 86% | | 120 | | 68% | |
| White | 275 | | 239 | | 87% | | 195 | | 71% | |
| Other | 68 | | 59 | | 87% | | 49 | | 72% | |
| Unknown | 12 | | 8 | | 67% | | 6 | | 50% | |
| Grand Total | 872 | | 765 | | 85% | | 632 | | 69% | |

Table 4 Cohort Annual Persistence

| Cohort | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|------------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Black/African American | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Latinx | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Multiple Ethnicities | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Other | 0 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| White | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 3 | 0% | 100% |
| Spring 2020 Total | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Asian | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Asian/Pacific Islander | 0 | 4 | 0 | 4 | 0% | 100% | 0 | 3 | 0% | 75% |
| Black/African American | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Latinx | 5 | 3 | 5 | 3 | 100% | 100% | 5 | 3 | 100% | 100% |
| Other | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| White | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 2 | 100% | 100% |
| Fall 2020 Total | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Spring 2021 | | | | | | | | | | |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 14 | 17 | 13 | 16 | 93% | 94% | 12 | 14 | 86% | 82% |

Table 5 Cohort Repetition Outcomes

| Cohort | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|------------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Asian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 23 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 8 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 13% | 0% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 19 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 7 | 0 | 1 | 0 | 14% | 0% | 1 | 0 | 14% | 0% |
| Asian/Pacific Islander | 0 | 5 | 0 | 1 | 0% | 20% | 0 | 1 | 0% | 20% |
| Black/African American | 4 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 6 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 18 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 5 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 22 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Spring 2021 | | | | | | | | | | |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 4 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 12 | 5 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|---|-----|-----|---|---|-----|----|-----|---|-----|----|
| Multiple Ethnicities | 4 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 11 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 155 | 27 | 1 | 2 | 1% | 7% | 2 | 2 | 1% | 7% |
| Benchmark | | | | | | | | | | |
| African American | 33 | 8 | | | 24% | | 12 | | 36% | |
| American Indian | 1 | 0 | | | 0% | | 0 | | 0% | |
| Asian/Pacific Islander | 89 | 31 | | | 35% | | 39 | | 44% | |
| Filipino/a | 59 | 11 | | | 19% | | 18 | | 31% | |
| Latinx | 166 | 44 | | | 27% | | 57 | | 34% | |
| White | 208 | 54 | | | 26% | | 77 | | 37% | |
| Other | 56 | 11 | | | 20% | | 14 | | 25% | |
| Unknown | 14 | 4 | | | 29% | | 5 | | 36% | |
| Grand Total | 626 | 163 | | | 22% | | 222 | | 30% | |
| Note. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|---------------------------|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Asian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|--|-----|---|-----|---|-----|-----|-----|---|-----|-----|
| Latinx | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Benchmark | | | | | | | | | | |
| African American | 8 | | 7 | | 88% | | 5 | | 63% | |
| Asian/Pacific Islander | 31 | | 28 | | 90% | | 21 | | 68% | |
| Filipino/a | 11 | | 7 | | 64% | | 5 | | 45% | |
| Latinx | 45 | | 33 | | 73% | | 19 | | 42% | |
| White | 55 | | 50 | | 91% | | 42 | | 76% | |
| Other | 11 | | 9 | | 82% | | 7 | | 64% | |
| Unknown | 4 | | 1 | | 25% | | 1 | | 25% | |
| Grand Total | 165 | | 135 | | 73% | | 100 | | 55% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| Cohort | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|------------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Asian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|----------------------|---|---|---|---|----|-----|---|---|----|-----|
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 2 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |

MATH 116 Disproportionate Impacts by Age

Table 1 Cohort Outcomes

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|-------------------|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 53 | 0 | 50 | 0 | 94% | 0% | 44 | 0 | 83% | 0% |
| 18 - 24 | 149 | 18 | 117 | 12 | 79% | 67% | 104 | 9 | 70% | 50% |
| 25 - 29 | 15 | 1 | 12 | 1 | 80% | 100% | 12 | 1 | 80% | 100% |
| 30 - 39 | 6 | 1 | 5 | 1 | 83% | 100% | 5 | 1 | 83% | 100% |
| 40 - 49 | 2 | 1 | 2 | 1 | 100% | 100% | 2 | 1 | 100% | 100% |
| Spring 2020 Total | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 120 | 0 | 117 | 0 | 98% | 0% | 112 | 0 | 93% | 0% |
| 18 - 24 | 133 | 23 | 114 | 22 | 86% | 96% | 90 | 11 | 68% | 48% |
| 25 - 29 | 13 | 6 | 11 | 5 | 85% | 83% | 8 | 4 | 62% | 67% |
| 30 - 39 | 9 | 3 | 5 | 3 | 56% | 100% | 5 | 2 | 56% | 67% |
| 40 - 49 | 3 | 1 | 1 | 1 | 33% | 100% | 1 | 1 | 33% | 100% |
| 50 and > | 3 | 0 | 2 | 0 | 67% | 0% | 2 | 0 | 67% | 0% |
| Under 18 | 0 | 5 | 0 | 5 | 0% | 100% | 0 | 3 | 0% | 60% |
| Fall 2020 Total | 281 | 38 | 250 | 36 | 89% | 95% | 218 | 21 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| 17 and Under | 25 | 0 | 25 | 0 | 100% | 0% | 25 | 0 | 100% | 0% |
| 18 - 24 | 100 | 14 | 94 | 11 | 94% | 79% | 77 | 9 | 77% | 64% |
| 25 - 29 | 24 | 0 | 21 | 0 | 88% | 0% | 13 | 0 | 54% | 0% |
| 30 - 39 | 3 | 1 | 3 | 0 | 100% | 0% | 3 | 0 | 100% | 0% |
| 40 - 49 | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| 50 and > | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 154 | 16 | 145 | 12 | 94% | 75% | 120 | 10 | 78% | 63% |
| Grand Total | 660 | 75 | 581 | 63 | 88% | 84% | 505 | 43 | 77% | 57% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 71 | | 67 | | 94% | | 63 | | 89% | |
| 18 - 24 | 1,190 | | 1016 | | 85% | | 756 | | 64% | |
| 25 - 29 | 229 | | 159 | | 69% | | 116 | | 51% | |
| 30 - 39 | 138 | | 102 | | 74% | | 78 | | 57% | |

| | | | | | |
|---|------|------|-----|------|-----|
| 40 - 49 | 25 | 21 | 84% | 20 | 80% |
| 50 and > | 17 | 14 | 82% | 11 | 65% |
| Grand Total | 1670 | 1379 | 82% | 1044 | 67% |
| Note. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 2 Cohort Persistence

| Cohort | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 53 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 149 | 18 | 2 | 3 | 1% | 17% | 3 | 4 | 2% | 22% |
| 25 - 29 | 15 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 6 | 1 | 0 | 1 | 0% | 100% | 1 | 1 | 17% | 100% |
| 40 - 49 | 2 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 120 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 1% | 0% |
| 18 - 24 | 133 | 23 | 4 | 4 | 3% | 17% | 4 | 5 | 3% | 22% |
| 25 - 29 | 13 | 6 | 3 | 3 | 23% | 50% | 4 | 4 | 31% | 67% |
| 30 - 39 | 9 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| 40 - 49 | 3 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 5 | 0 | 1 | 0% | 20% | 0 | 1 | 0% | 20% |
| Fall 2020 Total | 281 | 38 | 7 | 9 | 2% | 24% | 9 | 11 | 3% | 29% |
| Spring 2021 | | | | | | | | | | |
| 17 and Under | 25 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 100 | 14 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 25 - 29 | 24 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 3 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 1 | 1 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| 50 and > | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 154 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Grand Total | 660 | 75 | 10 | 14 | 2% | 19% | 14 | 17 | 2% | 23% |

| Benchmark | | | | | |
|--|-------|-----|-----|-----|-----|
| 17 and Under | 71 | 48 | 68% | 50 | 70% |
| 18 - 24 | 1,190 | 567 | 48% | 684 | 57% |
| 25 - 29 | 229 | 100 | 44% | 121 | 53% |
| 30 - 39 | 138 | 48 | 35% | 62 | 45% |
| 40 - 49 | 25 | 13 | 52% | 15 | 60% |
| 50 and > | 17 | 10 | 59% | 11 | 65% |
| Grand Total | 1670 | 786 | 51% | 943 | 58% |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 3 Cohort Term Persistence

| Cohort | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|-------------------|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| 18 - 24 | 2 | 3 | 2 | 3 | 100% | 100% | 2 | 3 | 100% | 100% |
| 30 - 39 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| 40 - 49 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Fall 2020 | | | | | | | | | | |
| 18 - 24 | 4 | 4 | 4 | 4 | 100% | 100% | 3 | 3 | 75% | 75% |
| 25 - 29 | 3 | 3 | 3 | 3 | 100% | 100% | 3 | 3 | 100% | 100% |
| 30 - 39 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Under 18 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Spring 2021 | | | | | | | | | | |
| 40 - 49 | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 10 | 14 | 10 | 14 | 100% | 100% | 9 | 12 | 90% | 86% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 50 | | 47 | | 94% | | 44 | | 88% | |
| 18 - 24 | 623 | | 539 | | 87% | | 445 | | 71% | |
| 25 - 29 | 120 | | 107 | | 89% | | 82 | | 68% | |
| 30 - 39 | 54 | | 48 | | 89% | | 41 | | 76% | |

| | | | | | |
|--|-----|-----|------|-----|-----|
| 40 - 49 | 14 | 14 | 100% | 12 | 86% |
| 50 and > | 11 | 10 | 91% | 8 | 73% |
| Grand Total | 872 | 765 | 92% | 632 | 77% |
| Note. For spring, enrollment in the following summer of fall is considered "next term". For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| 18 - 24 | 3 | 4 | 2 | 3 | 67% | 75% | 2 | 3 | 67% | 75% |
| 30 - 39 | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| 40 - 49 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| 18 - 24 | 4 | 5 | 4 | 5 | 100% | 100% | 3 | 4 | 75% | 80% |
| 25 - 29 | 4 | 4 | 4 | 4 | 100% | 100% | 4 | 4 | 100% | 100% |
| 30 - 39 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Under 18 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Spring 2021 | | | | | | | | | | |
| 40 - 49 | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 14 | 17 | 13 | 16 | 93% | 94% | 12 | 14 | 86% | 82% |

Table 5 Cohort Repetition Outcomes

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 9 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|--|-----|-----|---|-----|----|-----|---|-----|----|-----|
| 18 - 24 | 45 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| 25 - 29 | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 8 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 43 | 12 | 1 | 1 | 2% | 8% | 1 | 1 | 2% | 8% |
| 25 - 29 | 5 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 4 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 23 | 5 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 25 - 29 | 11 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 155 | 27 | 1 | 2 | 1% | 7% | 2 | 2 | 1% | 7% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 8 | 6 | | 75% | | 6 | | 75% | | |
| 18 - 24 | 434 | 112 | | 26% | | 162 | | 37% | | |
| 25 - 29 | 113 | 31 | | 27% | | 38 | | 34% | | |
| 30 - 39 | 60 | 11 | | 18% | | 12 | | 20% | | |
| 40 - 49 | 5 | 1 | | 20% | | 1 | | 20% | | |
| 50 and > | 6 | 2 | | 33% | | 3 | | 50% | | |
| Grand Total | 626 | 163 | | 33% | | 222 | | 39% | | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |

| | | | | | | | | | | |
|--|-----|-----|---|---|------|------|-----|---|------|------|
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 1 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 6 | 4 | | | 67% | | 4 | | 67% | |
| 18 - 24 | 113 | 94 | | | 83% | | 67 | | 59% | |
| 25 - 29 | 31 | 24 | | | 77% | | 18 | | 58% | |
| 30 - 39 | 11 | 9 | | | 82% | | 8 | | 73% | |
| 40 - 49 | 1 | 1 | | | 100% | | 1 | | 100% | |
| 50 and > | 3 | 3 | | | 100% | | 2 | | 67% | |
| Grand Total | 165 | 135 | | | 85% | | 100 | | 71% | |
| Note. For spring, enrollment in the following summer of fall is considered "next term". For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | Annual Repetition | Annual Repetition Rate | Success Count | Annual Success Rate |
|--|------------|-------------------|------------------------|---------------|---------------------|
|--|------------|-------------------|------------------------|---------------|---------------------|

| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
|----------------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 1 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 2 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |

Math 116 Disproportionate Impacts by Academic Standing

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 6 | 2 | 3 | 2 | 50% | 100% | 0 | 0 | 0% | 0% |
| Good Standing | 259 | 27 | 236 | 26 | 91% | 96% | 215 | 20 | 83% | 74% |
| Probation | 16 | 8 | 11 | 7 | 69% | 88% | 3 | 0 | 19% | 0% |
| Unknown | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Fall 2020 Total | 281 | 38 | 250 | 36 | 89% | 95% | 218 | 21 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 6 | 1 | 5 | 1 | 83% | 100% | 1 | 1 | 17% | 100% |
| Good Standing | 133 | 10 | 128 | 7 | 96% | 70% | 115 | 6 | 86% | 60% |
| Probation | 15 | 4 | 12 | 3 | 80% | 75% | 4 | 2 | 27% | 50% |
| Unknown | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2021 Total | 154 | 16 | 145 | 12 | 94% | 75% | 120 | 10 | 78% | 63% |
| Grand Total | 660 | 75 | 581 | 63 | 88% | 84% | 505 | 43 | 77% | 57% |
| Benchmark | | | | | | | | | | |
| Good Standing | 1,477 | | 1,247 | | 84% | | 1,008 | | 68% | |
| Probation | 140 | | 97 | | 69% | | 28 | | 20% | |
| Disqualified | 53 | | 35 | | 66% | | 8 | | 15% | |
| Grand Total | 1,670 | | 1,379 | | 83% | | 1,044 | | 63% | |
| Note. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 6 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 259 | 27 | 6 | 7 | 2% | 26% | 8 | 9 | 3% | 33% |
| Probation | 16 | 8 | 1 | 2 | 6% | 25% | 1 | 2 | 6% | 25% |
| Unknown | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 281 | 38 | 7 | 9 | 2% | 24% | 9 | 11 | 3% | 29% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 6 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 133 | 10 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Probation | 15 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 154 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Grand Total | 660 | 75 | 10 | 14 | 2% | 19% | 14 | 17 | 2% | 23% |
| Benchmark | | | | | | | | | | |
| Good Standing | 1,477 | | 743 | | 50% | | 876 | | 59% | |
| Probation | 140 | | 39 | | 28% | | 58 | | 41% | |
| Disqualified | 53 | | 4 | | 8% | | 9 | | 17% | |
| Grand Total | 1,670 | | 786 | | 47% | | 943 | | 56% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Spring 2020 Total | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Fall 2020 | | | | | | | | | | |
| Good Standing | 6 | 7 | 6 | 7 | 100% | 100% | 6 | 7 | 100% | 100% |
| Probation | 1 | 2 | 1 | 2 | 100% | 100% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Spring 2021 | | | | | | | | | | |
| Good Standing | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 10 | 14 | 10 | 14 | 100% | 100% | 9 | 12 | 90% | 86% |
| Benchmark | | | | | | | | | | |
| Good Standing | 826 | | 740 | | 90% | | 614 | | 74% | |
| Probation | 41 | | 20 | | 49% | | 16 | | 39% | |
| Disqualified | 5 | | 5 | | 100% | | 2 | | 40% | |
| Grand Total | 872 | | 765 | | 88% | | 632 | | 72% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Spring 2020 Total | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Fall 2020 | | | | | | | | | | |
| Good Standing | 8 | 9 | 8 | 9 | 100% | 100% | 8 | 9 | 100% | 100% |
| Probation | 1 | 2 | 1 | 2 | 100% | 100% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Spring 2021 | | | | | | | | | | |
| Good Standing | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 14 | 17 | 13 | 16 | 93% | 94% | 12 | 14 | 86% | 82% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Spring 2020 Total | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 6 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 44 | 7 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Probation | 13 | 8 | 1 | 2 | 8% | 25% | 1 | 2 | 8% | 25% |
| Fall 2020 Total | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 5 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 18 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Probation | 11 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 155 | 27 | 1 | 2 | 1% | 7% | 2 | 2 | 1% | 7% |
| Benchmark | | | | | | | | | | |
| Good Standing | 469 | | 142 | | 30% | | 183 | | 39% | |
| Probation | 112 | | 18 | | 16% | | 33 | | 29% | |
| Disqualified | 45 | | 3 | | 7% | | 6 | | 13% | |
| Grand Total | 626 | | 163 | | 26% | | 222 | | 35% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Probation | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Probation | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Benchmark | | | | | | | | | | |
| Good Standing | 144 | | 123 | | 85% | | 91 | | 63% | |
| Probation | 18 | | 9 | | 50% | | 8 | | 44% | |
| Disqualified | 3 | | 3 | | 100% | | 1 | | 33% | |
| Grand Total | 165 | | 135 | | 82% | | 100 | | 61% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Probation | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Probation | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 2 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |

Math 116 Disproportionate Impacts by DSPS

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 1 | 25% | 100% |
| Unknown | 221 | 20 | 184 | 14 | 83% | 70% | 166 | 11 | 75% | 55% |
| Spring 2020 Total | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 7 | 2 | 7 | 1 | 100% | 50% | 6 | 1 | 86% | 50% |
| Unknown | 274 | 36 | 243 | 35 | 89% | 97% | 212 | 20 | 77% | 56% |
| Fall 2020 Total | 281 | 38 | 250 | 36 | 89% | 95% | 218 | 21 | 78% | 55% |
| Spring 2021 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| DSPS | | | | | | | | | | |
| Unknown | 153 | 14 | 144 | 10 | 94% | 71% | 119 | 8 | 78% | 57% |
| Spring 2021 Total | 154 | 16 | 145 | 12 | 94% | 75% | 120 | 10 | 78% | 63% |
| Grand Total | 660 | 75 | 581 | 63 | 88% | 84% | 505 | 43 | 77% | 57% |
| Benchmark | | | | | | | | | | |
| DSPS | 55 | | 46 | | 84% | | 35 | | 64% | |
| Not DSPS | 1,615 | | 1,333 | | 83% | | 1,009 | | 62% | |
| Grand Total | 1,670 | | 1,379 | | 83% | | 1,044 | | 63% | |
| Note. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 4 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 221 | 20 | 2 | 5 | 1% | 25% | 4 | 6 | 2% | 30% |
| Spring 2020 Total | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 7 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 274 | 36 | 7 | 9 | 3% | 25% | 9 | 11 | 3% | 31% |
| Fall 2020 Total | 281 | 38 | 7 | 9 | 2% | 24% | 9 | 11 | 3% | 29% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 1 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 153 | 14 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Spring 2021 Total | 154 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Grand Total | 660 | 75 | 10 | 14 | 2% | 19% | 14 | 17 | 2% | 23% |
| Benchmark | | | | | | | | | | |
| DSPS | 55 | | 26 | | 47% | | 29 | | 53% | |
| Not DSPS | 1,615 | | 760 | | 47% | | 914 | | 57% | |
| Grand Total | 1,670 | | 786 | | 47% | | 943 | | 56% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|---|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Unknown | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Spring 2020 Total | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Fall 2020 | | | | | | | | | | |
| Unknown | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Fall 2020 Total | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Spring 2021 | | | | | | | | | | |
| Unknown | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 10 | 14 | 10 | 14 | 100% | 100% | 9 | 12 | 90% | 86% |
| Benchmark | | | | | | | | | | |
| DSPS | 29 | | 25 | | 86% | | 18 | | 62% | |
| Not DSPS | 843 | | 740 | | 88% | | 614 | | 73% | |
| Grand Total | 872 | | 765 | | 88% | | 632 | | 72% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Unknown | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Spring 2020 Total | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Fall 2020 | | | | | | | | | | |
| Unknown | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Fall 2020 Total | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Spring 2021 | | | | | | | | | | |
| Unknown | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 14 | 17 | 13 | 16 | 93% | 94% | 12 | 14 | 86% | 82% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 55 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Spring 2020 Total | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 62 | 16 | 1 | 2 | 2% | 13% | 1 | 2 | 2% | 13% |
| Fall 2020 Total | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Spring 2021 | | | | | | | | | | |
| Unknown | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 155 | 27 | 1 | 2 | 1% | 7% | 2 | 2 | 1% | 7% |
| Benchmark | | | | | | | | | | |
| DSPS | 20 | | 7 | | 35% | | 9 | | 45% | |
| Not DSPS | 606 | | 156 | | 26% | | 213 | | 35% | |
| Grand Total | 626 | | 163 | | 26% | | 222 | | 35% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Benchmark | | | | | | | | | | |
| DSPS | 7 | | 5 | | 71% | | 3 | | 43% | |
| Not DSPS | 158 | | 130 | | 82% | | 97 | | 61% | |
| Grand Total | 165 | | 135 | | 82% | | 100 | | 61% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 2 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |

Math 116 Disproportionate Impacts by First Generation

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 11 | 3 | 8 | 2 | 73% | 67% | 7 | 2 | 64% | 67% |
| Not First Gen. | 42 | 5 | 30 | 4 | 71% | 80% | 28 | 2 | 67% | 40% |
| Unknown | 172 | 13 | 148 | 9 | 86% | 69% | 132 | 8 | 77% | 62% |
| Spring 2020 Total | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 27 | 6 | 21 | 6 | 78% | 100% | 16 | 5 | 59% | 83% |
| Not First Gen. | 125 | 16 | 112 | 15 | 90% | 94% | 104 | 10 | 83% | 63% |
| Unknown | 129 | 16 | 117 | 15 | 91% | 94% | 98 | 6 | 76% | 38% |
| Fall 2020 Total | 281 | 38 | 250 | 36 | 89% | 95% | 218 | 21 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 21 | 4 | 21 | 3 | 100% | 75% | 15 | 3 | 71% | 75% |
| Not First Gen. | 64 | 9 | 61 | 7 | 95% | 78% | 48 | 5 | 75% | 56% |
| Unknown | 69 | 3 | 63 | 2 | 91% | 67% | 57 | 2 | 83% | 67% |
| Spring 2021 Total | 154 | 16 | 145 | 12 | 94% | 75% | 120 | 10 | 78% | 63% |
| Grand Total | 660 | 75 | 581 | 63 | 88% | 84% | 505 | 43 | 77% | 57% |
| Benchmark | | | | | | | | | | |
| First Gen. | 338 | | 265 | | 78% | | 195 | | 58% | |
| Not First Gen. | 1,332 | | 1,114 | | 84% | | 849 | | 64% | |
| Grand Total | 1,670 | | 1,379 | | 83% | | 1,044 | | 63% | |
| Note. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 11 | 3 | 0 | 1 | 0% | 33% | 1 | 1 | 9% | 33% |
| Not First Gen. | 42 | 5 | 1 | 0 | 2% | 0% | 1 | 0 | 2% | 0% |
| Unknown | 172 | 13 | 1 | 4 | 1% | 31% | 2 | 5 | 1% | 38% |
| Spring 2020 Total | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 27 | 6 | 3 | 4 | 11% | 67% | 4 | 4 | 15% | 67% |
| Not First Gen. | 125 | 16 | 3 | 4 | 2% | 25% | 3 | 6 | 2% | 38% |
| Unknown | 129 | 16 | 1 | 1 | 1% | 6% | 2 | 1 | 2% | 6% |
| Fall 2020 Total | 281 | 38 | 7 | 9 | 2% | 24% | 9 | 11 | 3% | 29% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 21 | 4 | 1 | 0 | 5% | 0% | 1 | 0 | 5% | 0% |
| Not First Gen. | 64 | 9 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 69 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 154 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Grand Total | 660 | 75 | 10 | 14 | 2% | 19% | 14 | 17 | 2% | 23% |
| Benchmark | | | | | | | | | | |
| First Gen. | 338 | | 157 | | 46% | | 194 | | 57% | |
| Not First Gen. | 1,332 | | 629 | | 47% | | 749 | | 56% | |
| Grand Total | 1,670 | | 786 | | 47% | | 943 | | 56% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|---|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Not First Gen. | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 1 | 4 | 1 | 4 | 100% | 100% | 1 | 4 | 100% | 100% |
| Spring 2020 Total | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 3 | 4 | 3 | 4 | 100% | 100% | 2 | 4 | 67% | 100% |
| Not First Gen. | 3 | 4 | 3 | 4 | 100% | 100% | 3 | 2 | 100% | 50% |
| Unknown | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Fall 2020 Total | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 10 | 14 | 10 | 14 | 100% | 100% | 9 | 12 | 90% | 86% |
| Benchmark | | | | | | | | | | |
| First Gen. | 176 | | 153 | | 87% | | 121 | | 69% | |
| Not First Gen. | 696 | | 612 | | 88% | | 511 | | 73% | |
| Grand Total | 872 | | 765 | | 88% | | 632 | | 72% | |
| <i>Note.</i> A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Not First Gen. | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 2 | 5 | 1 | 4 | 50% | 80% | 1 | 4 | 50% | 80% |
| Spring 2020 Total | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 4 | 4 | 4 | 4 | 100% | 100% | 3 | 4 | 75% | 100% |
| Not First Gen. | 3 | 6 | 3 | 6 | 100% | 100% | 3 | 4 | 100% | 67% |
| Unknown | 2 | 1 | 2 | 1 | 100% | 100% | 2 | 1 | 100% | 100% |
| Fall 2020 Total | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 14 | 17 | 13 | 16 | 93% | 94% | 12 | 14 | 86% | 82% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 4 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 14 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 40 | 2 | 0 | 0 | 0% | 0% | 1 | 0 | 3% | 0% |
| Spring 2020 Total | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 11 | 1 | 1 | 0 | 9% | 0% | 1 | 0 | 9% | 0% |
| Not First Gen. | 21 | 6 | 0 | 2 | 0% | 33% | 0 | 2 | 0% | 33% |
| Unknown | 31 | 10 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 6 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 16 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 12 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 155 | 27 | 1 | 2 | 1% | 7% | 2 | 2 | 1% | 7% |
| Benchmark | | | | | | | | | | |
| First Gen. | 176 | | 153 | | 87% | | 121 | | 69% | |
| Not First Gen. | 696 | | 612 | | 88% | | 511 | | 73% | |
| Grand Total | 872 | | 765 | | 88% | | 632 | | 72% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 0 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 0 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 2 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |

Math 116 Disproportionate Impacts by Foster Status

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|-------------------|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Spring 2020 Total | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 281 | 38 | 250 | 36 | 89% | 95% | 218 | 21 | 78% | 55% |
| Fall 2020 Total | 281 | 38 | 250 | 36 | 89% | 95% | 218 | 21 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Not Foster Youth | 152 | 16 | 143 | 12 | 94% | 75% | 118 | 10 | 78% | 63% |
| Spring 2021 Total | 154 | 16 | 145 | 12 | 94% | 75% | 120 | 10 | 78% | 63% |
| Grand Total | 660 | 75 | 581 | 63 | 88% | 84% | 505 | 43 | 77% | 57% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 25 | | 19 | | 76% | | 15 | | 60% | |
| Not Foster Youth | 1,591 | | 1,323 | | 83% | | 1,005 | | 63% | |
| Unknown | 54 | | 37 | | 69% | | 24 | | 44% | |
| Grand Total | 1,670 | | 1,379 | | 83% | | 1,044 | | 63% | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Spring 2020 Total | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 281 | 38 | 7 | 9 | 2% | 24% | 9 | 11 | 3% | 29% |
| Fall 2020 Total | 281 | 38 | 7 | 9 | 2% | 24% | 9 | 11 | 3% | 29% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 152 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Spring 2021 Total | 154 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Grand Total | 660 | 75 | 10 | 14 | 2% | 19% | 14 | 17 | 2% | 23% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 25 | | 11 | | 44% | | 18 | | 72% | |
| Not Foster Youth | 1,591 | | 754 | | 47% | | 901 | | 57% | |
| Unknown | 54 | | 21 | | 39% | | 24 | | 44% | |
| Grand Total | 1,670 | | 786 | | 47% | | 943 | | 56% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|---|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Not Foster Youth | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Spring 2020 Total | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Fall 2020 Total | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Spring 2021 | | | | | | | | | | |
| Not Foster Youth | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 10 | 14 | 10 | 14 | 100% | 100% | 9 | 12 | 90% | 86% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 12 | | 11 | | 92% | | 9 | | 75% | |
| Not Foster Youth | 839 | | 737 | | 88% | | 611 | | 73% | |
| Unknown | 21 | | 17 | | 81% | | 12 | | 57% | |
| Grand Total | 872 | | 765 | | 88% | | 632 | | 72% | |
| <i>Note.</i> A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Not Foster Youth | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Spring 2020 Total | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Fall 2020 Total | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Spring 2021 | | | | | | | | | | |
| Not Foster Youth | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 14 | 17 | 13 | 16 | 93% | 94% | 12 | 14 | 86% | 82% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Not Foster Youth | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Spring 2020 Total | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Fall 2020 Total | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Spring 2021 | | | | | | | | | | |
| Not Foster Youth | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 155 | 27 | 1 | 2 | 1% | 7% | 2 | 2 | 1% | 7% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 10 | | 3 | | 30% | | 4 | | 40% | |
| Not Foster Youth | 586 | | 152 | | 26% | | 209 | | 36% | |
| Unknown | 30 | | 8 | | 27% | | 9 | | 30% | |
| Grand Total | 626 | | 163 | | 26% | | 222 | | 35% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Not Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| Not Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 3 | | 3 | | 100% | | 2 | | 67% | |
| Not Foster Youth | 154 | | 126 | | 82% | | 95 | | 62% | |
| Unknown | 8 | | 6 | | 75% | | 3 | | 38% | |
| Grand Total | 165 | | 135 | | 82% | | 100 | | 61% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Not Foster Youth | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| Not Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 2 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |

Math 116 Disproportionate Impacts by Military Status

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 201 | 20 | 165 | 14 | 82% | 70% | 149 | 11 | 74% | 55% |
| Veteran/Active Duty | 24 | 1 | 21 | 1 | 88% | 100% | 18 | 1 | 75% | 100% |
| Spring 2020 Total | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 250 | 32 | 225 | 32 | 90% | 100% | 198 | 18 | 79% | 56% |
| Veteran/Active Duty | 31 | 6 | 25 | 4 | 81% | 67% | 20 | 3 | 65% | 50% |
| Fall 2020 Total | 281 | 38 | 250 | 36 | 89% | 95% | 218 | 21 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 120 | 13 | 114 | 9 | 95% | 69% | 95 | 8 | 79% | 62% |
| Veteran/Active Duty | 34 | 3 | 31 | 3 | 91% | 100% | 25 | 2 | 74% | 67% |
| Spring 2021 Total | 154 | 16 | 145 | 12 | 94% | 75% | 120 | 10 | 78% | 63% |
| Grand Total | 660 | 75 | 581 | 63 | 88% | 84% | 505 | 43 | 77% | 57% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 1,528 | | 1,268 | | 83% | | 964 | | 63% | |
| Veteran/Active Duty | 142 | | 111 | | 78% | | 80 | | 56% | |
| Grand Total | 1,670 | | 1,379 | | 83% | | 1,044 | | 63% | |
| Note. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 201 | 20 | 2 | 4 | 1% | 20% | 4 | 5 | 2% | 25% |
| Veteran/Active Duty | 24 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 250 | 32 | 5 | 9 | 2% | 28% | 7 | 10 | 3% | 31% |
| Veteran/Active Duty | 31 | 6 | 2 | 0 | 6% | 0% | 2 | 1 | 6% | 17% |
| Fall 2020 Total | 281 | 38 | 7 | 9 | 2% | 24% | 9 | 11 | 3% | 29% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 120 | 13 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Veteran/Active Duty | 34 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 154 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Grand Total | 660 | 75 | 10 | 14 | 2% | 19% | 14 | 17 | 2% | 23% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 1,528 | | 725 | | 47% | | 869 | | 57% | |
| Veteran/Active Duty | 142 | | 61 | | 43% | | 74 | | 52% | |
| Grand Total | 1,670 | | 786 | | 47% | | 943 | | 56% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 2 | 4 | 2 | 4 | 100% | 100% | 2 | 4 | 100% | 100% |
| Veteran/Active Duty | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 5 | 9 | 5 | 9 | 100% | 100% | 4 | 7 | 80% | 78% |
| Veteran/Active Duty | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Fall 2020 Total | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 10 | 14 | 10 | 14 | 100% | 100% | 9 | 12 | 90% | 86% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 798 | | 695 | | 87% | | 575 | | 72% | |
| Veteran/Active Duty | 74 | | 70 | | 95% | | 57 | | 77% | |
| Grand Total | 872 | | 765 | | 88% | | 632 | | 72% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 4 | 5 | 3 | 4 | 75% | 80% | 3 | 4 | 75% | 80% |
| Veteran/Active Duty | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 7 | 10 | 7 | 10 | 100% | 100% | 6 | 8 | 86% | 80% |
| Veteran/Active Duty | 2 | 1 | 2 | 1 | 100% | 100% | 2 | 1 | 100% | 100% |
| Fall 2020 Total | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 14 | 17 | 13 | 16 | 93% | 94% | 12 | 14 | 86% | 82% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 52 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Veteran/Active Duty | 6 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 52 | 14 | 1 | 2 | 2% | 14% | 1 | 2 | 2% | 14% |
| Veteran/Active Duty | 11 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 25 | 5 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Veteran/Active Duty | 9 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 155 | 27 | 1 | 2 | 1% | 7% | 2 | 2 | 1% | 7% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 564 | | 150 | | 27% | | 204 | | 36% | |
| Veteran/Active Duty | 62 | | 13 | | 21% | | 18 | | 29% | |
| Grand Total | 626 | | 163 | | 26% | | 222 | | 35% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 152 | | 123 | | 81% | | 90 | | 59% | |
| Veteran/Active Duty | 13 | | 12 | | 92% | | 10 | | 77% | |
| Grand Total | 165 | | 135 | | 82% | | 100 | | 61% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 2 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |

Math 116 Disproportionate Impacts by Modality

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 73 | 38 | 59 | 36 | 81% | 95% | 44 | 21 | 60% | 55% |
| Online | 208 | 0 | 191 | 0 | 92% | 0% | 174 | 0 | 84% | 0% |
| Fall 2020 Total | 281 | 38 | 250 | 36 | 89% | 95% | 218 | 21 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 43 | 16 | 38 | 12 | 88% | 75% | 27 | 10 | 63% | 63% |
| Online | 111 | 0 | 107 | 0 | 96% | 0% | 93 | 0 | 84% | 0% |
| Spring 2021 Total | 154 | 16 | 145 | 12 | 94% | 75% | 120 | 10 | 78% | 63% |
| Grand Total | 660 | 75 | 581 | 63 | 88% | 84% | 505 | 43 | 77% | 57% |
| Benchmark | | | | | | | | | | |
| Day | 1,115 | | 982 | | 88% | | 738 | | 66% | |
| Evening | 273 | | 224 | | 82% | | 177 | | 65% | |
| Online | 282 | | 173 | | 61% | | 129 | | 46% | |
| Grand Total | 1,670 | | 1,379 | | 83% | | 1,044 | | 63% | |
| Note. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 73 | 38 | 7 | 9 | 10% | 24% | 9 | 11 | 12% | 29% |
| Online | 208 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 281 | 38 | 7 | 9 | 2% | 24% | 9 | 11 | 3% | 29% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 43 | 16 | 1 | 0 | 2% | 0% | 1 | 0 | 2% | 0% |
| Online | 111 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 154 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Grand Total | 660 | 75 | 10 | 14 | 2% | 19% | 14 | 17 | 2% | 23% |
| Benchmark | | | | | | | | | | |
| Day | 1,115 | | 562 | | 50% | | 664 | | 60% | |
| Evening | 273 | | 123 | | 45% | | 153 | | 56% | |
| Online | 282 | | 101 | | 36% | | 126 | | 45% | |
| Grand Total | 1,670 | | 786 | | 47% | | 943 | | 56% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Spring 2020 Total | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Fall 2020 Total | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 10 | 14 | 10 | 14 | 100% | 100% | 9 | 12 | 90% | 86% |
| Benchmark | | | | | | | | | | |
| Day | 625 | | 556 | | 89% | | 464 | | 74% | |
| Evening | 134 | | 116 | | 87% | | 95 | | 71% | |
| Online | 113 | | 93 | | 82% | | 73 | | 65% | |
| Grand Total | 872 | | 765 | | 88% | | 632 | | 72% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Spring 2020 Total | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Fall 2020 Total | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 14 | 17 | 13 | 16 | 93% | 94% | 12 | 14 | 86% | 82% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Spring 2020 Total | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 29 | 17 | 1 | 2 | 3% | 12% | 1 | 2 | 3% | 12% |
| Online | 34 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 16 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 18 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 155 | 27 | 1 | 2 | 1% | 7% | 2 | 2 | 1% | 7% |
| Benchmark | | | | | | | | | | |
| Day | 377 | | 106 | | 28% | | 145 | | 38% | |
| Evening | 96 | | 24 | | 25% | | 36 | | 38% | |
| Online | 153 | | 33 | | 22% | | 41 | | 27% | |
| Grand Total | 626 | | 163 | | 26% | | 222 | | 35% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Benchmark | | | | | | | | | | |
| Day | 108 | | 92 | | 85% | | 64 | | 59% | |
| Evening | 24 | | 18 | | 75% | | 14 | | 58% | |
| Online | 33 | | 25 | | 76% | | 22 | | 67% | |
| Grand Total | 165 | | 135 | | 82% | | 100 | | 61% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 2 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |

Math 116 Disproportionate Impacts by Student Type

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|-------------------|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 191 | 20 | 155 | 15 | 81% | 75% | 138 | 12 | 72% | 60% |
| Day/Evening | 10 | 0 | 9 | 0 | 90% | 0% | 8 | 0 | 80% | 0% |
| Evening Only | 21 | 0 | 20 | 0 | 95% | 0% | 20 | 0 | 95% | 0% |
| On-Campus/Online | 3 | 1 | 2 | 0 | 67% | 0% | 1 | 0 | 33% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 225 | 21 | 186 | 15 | 83% | 71% | 167 | 12 | 74% | 57% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 63 | 38 | 51 | 36 | 81% | 95% | 38 | 21 | 60% | 55% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 16 | 0 | 13 | 0 | 81% | 0% | 11 | 0 | 69% | 0% |
| Online Only | 202 | 0 | 186 | 0 | 92% | 0% | 169 | 0 | 84% | 0% |
| Fall 2020 Total | 281 | 38 | 250 | 36 | 89% | 95% | 218 | 21 | 78% | 55% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 24 | 16 | 20 | 12 | 83% | 75% | 15 | 10 | 63% | 63% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 18 | 0 | 17 | 0 | 94% | 0% | 11 | 0 | 61% | 0% |
| On-Campus/Online | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Online Only | 110 | 0 | 106 | 0 | 96% | 0% | 93 | 0 | 85% | 0% |
| Spring 2021 Total | 154 | 16 | 145 | 12 | 94% | 75% | 120 | 10 | 78% | 63% |
| Grand Total | 660 | 75 | 581 | 63 | 88% | 84% | 505 | 43 | 77% | 57% |
| Benchmark | | | | | | | | | | |
| Day Only | 1,058 | | 930 | | 88% | | 700 | | 66% | |
| Day/Evening | 73 | | 66 | | 90% | | 53 | | 73% | |
| Evening Only | 246 | | 200 | | 81% | | 157 | | 64% | |

| | | | | | |
|--|-------|-------|-----|-------|-----|
| On-Campus/Online | 29 | 23 | 79% | 16 | 55% |
| Online Only | 264 | 160 | 61% | 118 | 45% |
| Grand Total | 1,670 | 1,379 | 83% | 1,044 | 63% |
| Note. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 191 | 20 | 2 | 5 | 1% | 25% | 4 | 6 | 2% | 30% |
| Day/Evening | 10 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 21 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 3 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 225 | 21 | 2 | 5 | 1% | 24% | 4 | 6 | 2% | 29% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 63 | 38 | 6 | 9 | 10% | 24% | 8 | 11 | 13% | 29% |
| Day/Evening | 0 | 0 | 1 | 0 | 0% | 0% | 1 | 0 | 0% | 0% |
| On-Campus/Online | 16 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 202 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 281 | 38 | 7 | 9 | 2% | 24% | 9 | 11 | 3% | 29% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 24 | 16 | 1 | 0 | 4% | 0% | 1 | 0 | 4% | 0% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 18 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 110 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 154 | 16 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Grand Total | 660 | 75 | 10 | 14 | 2% | 19% | 14 | 17 | 2% | 23% |
| Benchmark | | | | | | | | | | |
| Day Only | 1,058 | | 533 | | 50% | | 632 | | 60% | |
| Day/Evening | 73 | | 35 | | 48% | | 39 | | 53% | |
| Evening Only | 246 | | 113 | | 46% | | 140 | | 57% | |
| On-Campus/Online | 29 | | 14 | | 48% | | 18 | | 62% | |
| Online Only | 264 | | 91 | | 34% | | 114 | | 43% | |
| Grand Total | 1,670 | | 786 | | 47% | | 943 | | 56% | |

Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Spring 2020 Total | 2 | 5 | 2 | 5 | 100% | 100% | 2 | 5 | 100% | 100% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 6 | 9 | 6 | 9 | 100% | 100% | 5 | 7 | 83% | 78% |
| Day/Evening | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Fall 2020 Total | 7 | 9 | 7 | 9 | 100% | 100% | 6 | 7 | 86% | 78% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 10 | 14 | 10 | 14 | 100% | 100% | 9 | 12 | 90% | 86% |
| Benchmark | | | | | | | | | | |
| Day Only | 593 | | 527 | | 89% | | 440 | | 74% | |
| Day/Evening | 37 | | 36 | | 97% | | 29 | | 78% | |
| Evening Only | 124 | | 106 | | 85% | | 87 | | 70% | |
| On-Campus/Online | 15 | | 11 | | 73% | | 9 | | 60% | |
| Online Only | 103 | | 85 | | 83% | | 67 | | 65% | |
| Grand Total | 872 | | 765 | | 88% | | 632 | | 72% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| Cohort | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Spring 2020 Total | 4 | 6 | 3 | 5 | 75% | 83% | 3 | 5 | 75% | 83% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 8 | 11 | 8 | 11 | 100% | 100% | 7 | 9 | 88% | 82% |
| Day/Evening | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Fall 2020 Total | 9 | 11 | 9 | 11 | 100% | 100% | 8 | 9 | 89% | 82% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Grand Total | 14 | 17 | 13 | 16 | 93% | 94% | 12 | 14 | 86% | 82% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|--|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 53 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Day/Evening | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 58 | 4 | 0 | 0 | 0% | 0% | 1 | 0 | 2% | 0% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 25 | 17 | 1 | 2 | 4% | 12% | 1 | 2 | 4% | 12% |
| On-Campus/Online | 5 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 33 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 63 | 17 | 1 | 2 | 2% | 12% | 1 | 2 | 2% | 12% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 9 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 7 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 17 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 34 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 155 | 27 | 1 | 2 | 1% | 7% | 2 | 2 | 1% | 7% |
| Benchmark | | | | | | | | | | |
| Day Only | 358 | | 102 | | 28% | | 140 | | 39% | |
| Day/Evening | 20 | | 6 | | 30% | | 8 | | 40% | |
| Evening Only | 89 | | 22 | | 25% | | 32 | | 36% | |
| On-Campus/Online | 13 | | 1 | | 8% | | 2 | | 15% | |
| Online Only | 146 | | 32 | | 22% | | 40 | | 27% | |
| Grand Total | 626 | | 163 | | 26% | | 222 | | 35% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On- Campus/Onli ne | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| On- Campus/Onli ne | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On- Campus/Onli ne | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Benchmark | | | | | | | | | | |
| Day Only | 104 | | 88 | | 85% | | 61 | | 59% | |
| Day/Evening | 6 | | 6 | | 100% | | 4 | | 67% | |
| Evening Only | 22 | | 16 | | 73% | | 13 | | 59% | |
| On- Campus/Onli ne | 1 | | 0 | | 0% | | 0 | | 0% | |
| Online Only | 32 | | 25 | | 78% | | 22 | | 69% | |
| Grand Total | 165 | | 135 | | 82% | | 100 | | 61% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X | MATH 116 | MATH 116X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 1 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Grand Total | 2 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |

MATH 119 Disproportionate Impacts by Gender

Table 1 Cohort Outcomes

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|--|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Female | 269 | 50 | 232 | 44 | 86% | 88% | 217 | 36 | 81% | 72% |
| Male | 231 | 43 | 180 | 32 | 78% | 74% | 166 | 23 | 72% | 53% |
| Non-Binary | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2020 Total | 501 | 93 | 413 | 76 | 82% | 82% | 384 | 59 | 77% | 63% |
| Fall 2020 | | | | | | | | | | |
| Female | 265 | 88 | 231 | 69 | 87% | 78% | 191 | 52 | 72% | 59% |
| Male | 209 | 58 | 183 | 44 | 88% | 76% | 142 | 35 | 68% | 60% |
| Non-Binary | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Fall 2020 Total | 475 | 146 | 415 | 113 | 87% | 77% | 334 | 87 | 70% | 60% |
| Spring 2021 | | | | | | | | | | |
| Female | 234 | 45 | 215 | 37 | 92% | 82% | 175 | 23 | 75% | 51% |
| Male | 213 | 49 | 192 | 43 | 90% | 88% | 154 | 31 | 72% | 63% |
| Non-Binary | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 449 | 94 | 409 | 80 | 91% | 85% | 331 | 54 | 74% | 57% |
| Grand Total | 1425 | 333 | 1237 | 269 | 87% | 81% | 1049 | 200 | 74% | 60% |
| Benchmark | | | | | | | | | | |
| Female | 1,436 | | 1,242 | | 86% | | 1,065 | | 74% | |
| Male | 1,393 | | 1,199 | | 86% | | 971 | | 70% | |
| Grand Total | 2,829 | | 2,441 | | 86% | | 2,036 | | 72% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Female | 269 | 50 | 3 | 6 | 1% | 12% | 4 | 8 | 1% | 16% |
| Male | 231 | 43 | 4 | 4 | 2% | 9% | 5 | 6 | 2% | 14% |
| Non-Binary | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 501 | 93 | 7 | 10 | 1% | 11% | 9 | 14 | 2% | 15% |
| Fall 2020 | | | | | | | | | | |
| Female | 265 | 88 | 13 | 8 | 5% | 9% | 16 | 9 | 6% | 10% |
| Male | 209 | 58 | 9 | 10 | 4% | 17% | 10 | 10 | 5% | 17% |
| Non-Binary | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 475 | 146 | 22 | 18 | 5% | 12% | 26 | 19 | 5% | 13% |
| Spring 2021 | | | | | | | | | | |
| Female | 234 | 45 | 3 | 0 | 1% | 0% | 3 | 0 | 1% | 0% |
| Male | 213 | 49 | 1 | 1 | 0% | 2% | 1 | 1 | 0% | 2% |
| Non-Binary | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 449 | 94 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Grand Total | 1425 | 333 | 33 | 29 | 2% | 9% | 39 | 34 | 3% | 10% |
| Benchmark | | | | | | | | | | |
| Female | 1,436 | | 1,242 | | 86% | | 1,065 | | 74% | |
| Male | 1,393 | | 1,199 | | 86% | | 971 | | 70% | |
| Grand Total | 2,829 | | 2,441 | | 86% | | 2,036 | | 72% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Female | 3 | 6 | 2 | 4 | 67% | 67% | 2 | 1 | 67% | 17% |
| Male | 4 | 4 | 4 | 3 | 100% | 75% | 1 | 2 | 25% | 50% |
| Spring 2020 Total | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Fall 2020 | | | | | | | | | | |
| Female | 13 | 8 | 8 | 3 | 62% | 38% | 5 | 2 | 38% | 25% |
| Male | 9 | 10 | 7 | 9 | 78% | 90% | 4 | 6 | 44% | 60% |
| Fall 2020 Total | 22 | 18 | 15 | 12 | 68% | 67% | 9 | 8 | 41% | 44% |
| Spring 2021 | | | | | | | | | | |
| Female | 3 | 0 | 1 | 0 | 33% | 0% | 1 | 0 | 33% | 0% |
| Male | 1 | 1 | 1 | 1 | 100% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 33 | 29 | 23 | 20 | 70% | 69% | 13 | 11 | 39% | 38% |
| Benchmark | | | | | | | | | | |
| Female | 343 | | 282 | | 82% | | 236 | | 69% | |
| Male | 477 | | 416 | | 87% | | 311 | | 65% | |
| Grand Total | 820 | | 698 | | 85% | | 547 | | 67% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Female | 4 | 8 | 3 | 6 | 75% | 75% | 2 | 2 | 50% | 25% |
| Male | 5 | 6 | 5 | 5 | 100% | 83% | 2 | 3 | 40% | 50% |
| Spring 2020 Total | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Fall 2020 | | | | | | | | | | |
| Female | 16 | 9 | 11 | 4 | 69% | 44% | 6 | 2 | 38% | 22% |
| Male | 10 | 10 | 8 | 9 | 80% | 90% | 5 | 6 | 50% | 60% |
| Fall 2020 Total | 26 | 19 | 19 | 13 | 73% | 68% | 11 | 8 | 42% | 42% |
| Spring 2021 | | | | | | | | | | |
| Female | 3 | 0 | 1 | 0 | 33% | 0% | 1 | 0 | 33% | 0% |
| Male | 1 | 1 | 1 | 1 | 100% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 39 | 34 | 29 | 25 | 74% | 74% | 16 | 13 | 41% | 38% |

Table 5 Cohort Repetition Outcomes

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Female | 52 | 8 | 1 | 3 | 2% | 38% | 2 | 4 | 4% | 50% |
| Male | 65 | 13 | 3 | 1 | 5% | 8% | 3 | 2 | 5% | 15% |
| Spring 2020 Total | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Fall 2020 | | | | | | | | | | |
| Female | 74 | 35 | 8 | 6 | 11% | 17% | 10 | 7 | 14% | 20% |
| Male | 67 | 23 | 5 | 4 | 7% | 17% | 5 | 4 | 7% | 17% |
| Fall 2020 Total | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Spring 2021 | | | | | | | | | | |
| Female | 59 | 21 | 2 | 0 | 3% | 0% | 2 | 0 | 3% | 0% |
| Male | 59 | 18 | 1 | 1 | 2% | 6% | 1 | 1 | 2% | 6% |
| Spring 2021 Total | 118 | 39 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Grand Total | 376 | 118 | 20 | 15 | 5% | 13% | 23 | 18 | 6% | 15% |
| Benchmark | | | | | | | | | | |
| Female | 371 | | 95 | | 26% | | 138 | | 37% | |
| Male | 422 | | 110 | | 26% | | 166 | | 39% | |
| Grand Total | 793 | | 205 | | 26% | | 304 | | 38% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|----------------------|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Female | 1 | 3 | 1 | 1 | 100% | 33% | 1 | 1 | 100% | 33% |
| Male | 3 | 1 | 3 | 1 | 100% | 100% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Fall 2020 | | | | | | | | | | |
| Female | 8 | 6 | 4 | 1 | 50% | 17% | 3 | 3 | 38% | 50% |
| Male | 5 | 4 | 1 | 3 | 20% | 75% | 2 | 3 | 40% | 75% |
| Fall 2020 Total | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Spring 2021 | | | | | | | | | | |
| Female | 2 | 0 | 0 | 0 | 0% | 0% | 2 | 0 | 100% | 0% |
| Male | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 20 | 15 | 10 | 6 | 50% | 40% | 8 | 8 | 40% | 53% |
| Benchmark | | | | | | | | | | |
| Female | 97 | | 81 | | 84% | | 61 | | 63% | |
| Male | 110 | | 93 | | 85% | | 60 | | 55% | |
| Grand Total | 207 | | 174 | | 85% | | 121 | | 59% | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Female | 2 | 4 | 1 | 2 | 50% | 50% | 1 | 1 | 50% | 25% |
| Male | 3 | 2 | 3 | 1 | 100% | 50% | 0 | 1 | 0% | 50% |
| Spring 2020 Total | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Fall 2020 | | | | | | | | | | |
| Female | 10 | 7 | 5 | 2 | 50% | 29% | 3 | 3 | 30% | 43% |
| Male | 5 | 4 | 1 | 3 | 20% | 75% | 2 | 3 | 40% | 75% |
| Fall 2020 Total | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Spring 2021 | | | | | | | | | | |
| Female | 2 | 0 | 0 | 0 | 0% | 0% | 2 | 0 | 100% | 0% |
| Male | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 23 | 18 | 11 | 8 | 48% | 44% | 8 | 8 | 35% | 44% |

MATH 119 Disproportionate Impacts by Ethnicity

Table 1 Cohort Outcomes

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|------------------------|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 8 | 0 | 8 | 0% | 100% | 0 | 4 | 0% | 50% |
| Asian | 71 | 0 | 64 | 0 | 90% | 0% | 62 | 0 | 87% | 0% |
| Asian/Pacific Islander | 0 | 8 | 0 | 6 | 0% | 75% | 0 | 3 | 0% | 38% |
| Black/African American | 17 | 0 | 14 | 0 | 82% | 0% | 12 | 0 | 71% | 0% |
| Filipino/a | 76 | 0 | 64 | 0 | 84% | 0% | 60 | 0 | 79% | 0% |
| Latinx | 127 | 32 | 102 | 25 | 80% | 78% | 94 | 21 | 74% | 66% |
| Multiple Ethnicities | 49 | 0 | 40 | 0 | 82% | 0% | 38 | 0 | 78% | 0% |
| Other | 0 | 18 | 0 | 13 | 0% | 72% | 0 | 12 | 0% | 67% |
| Pacific Islander | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Unknown | 7 | 2 | 2 | 1 | 29% | 50% | 2 | 0 | 29% | 0% |
| White | 153 | 25 | 126 | 23 | 82% | 92% | 115 | 19 | 75% | 76% |
| Spring 2020 Total | 501 | 93 | 413 | 76 | 82% | 82% | 384 | 59 | 77% | 63% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 11 | 0 | 6 | 0% | 55% | 0 | 5 | 0% | 45% |
| American Indian | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Asian | 67 | 0 | 67 | 0 | 100% | 0% | 59 | 0 | 88% | 0% |
| Asian/Pacific Islander | 0 | 15 | 0 | 13 | 0% | 87% | 0 | 11 | 0% | 73% |
| Black/African American | 15 | 0 | 12 | 0 | 80% | 0% | 7 | 0 | 47% | 0% |
| Filipino/a | 79 | 0 | 74 | 0 | 94% | 0% | 61 | 0 | 77% | 0% |
| Latinx | 107 | 63 | 86 | 46 | 80% | 73% | 60 | 31 | 56% | 49% |
| Multiple Ethnicities | 54 | 0 | 45 | 0 | 83% | 0% | 34 | 0 | 63% | 0% |
| Other | 0 | 26 | 0 | 25 | 0% | 96% | 0 | 21 | 0% | 81% |
| Pacific Islander | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Unknown | 8 | 1 | 8 | 1 | 100% | 100% | 8 | 1 | 100% | 100% |
| White | 141 | 30 | 119 | 22 | 84% | 73% | 101 | 18 | 72% | 60% |
| Fall 2020 Total | 475 | 146 | 415 | 113 | 87% | 77% | 334 | 87 | 70% | 60% |
| Spring 2021 | | | | | | | | | | |

| | | | | | | | | | | |
|---|-------|-----|-------|-----|------|------|-------|-----|-----|------|
| African American | 0 | 10 | 0 | 9 | 0% | 90% | 0 | 8 | 0% | 80% |
| American Indian | 1 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Asian | 64 | 0 | 57 | 0 | 89% | 0% | 46 | 0 | 72% | 0% |
| Asian/Pacific Islander | 0 | 15 | 0 | 14 | 0% | 93% | 0 | 8 | 0% | 53% |
| Black/African American | 21 | 0 | 17 | 0 | 81% | 0% | 14 | 0 | 67% | 0% |
| Filipino/a | 42 | 0 | 38 | 0 | 90% | 0% | 33 | 0 | 79% | 0% |
| Latinx | 138 | 30 | 127 | 25 | 92% | 83% | 99 | 17 | 72% | 57% |
| Multiple Ethnicities | 30 | 0 | 29 | 0 | 97% | 0% | 24 | 0 | 80% | 0% |
| Other | 0 | 15 | 0 | 11 | 0% | 73% | 0 | 7 | 0% | 47% |
| Pacific Islander | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 9 | 0 | 9 | 0 | 100% | 0% | 8 | 0 | 89% | 0% |
| White | 143 | 22 | 131 | 19 | 92% | 86% | 107 | 12 | 75% | 55% |
| Spring 2021 Total | 449 | 94 | 409 | 80 | 91% | 85% | 331 | 54 | 74% | 57% |
| Grand Total | 1425 | 333 | 1237 | 269 | 87% | 81% | 1049 | 200 | 74% | 60% |
| Benchmark | | | | | | | | | | |
| African American | 95 | | 81 | | 85% | | 61 | | 64% | |
| American Indian | 9 | | 7 | | 78% | | 5 | | 56% | |
| Asian/Pacific Islander | 575 | | 515 | | 90% | | 457 | | 79% | |
| Filipino/a | 381 | | 334 | | 88% | | 288 | | 76% | |
| Latinx | 605 | | 503 | | 83% | | 393 | | 65% | |
| White | 902 | | 776 | | 86% | | 640 | | 71% | |
| Other | 216 | | 190 | | 88% | | 158 | | 73% | |
| Unknown | 46 | | 35 | | 76% | | 34 | | 74% | |
| Grand Total | 2,829 | | 2,441 | | 84% | | 2,036 | | 70% | |
| Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| Cohort | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|------------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 8 | 0 | 2 | 0% | 25% | 0 | 2 | 0% | 25% |
| Asian | 71 | 0 | 1 | 0 | 1% | 0% | 2 | 0 | 3% | 0% |
| Asian/Pacific Islander | 0 | 8 | 0 | 1 | 0% | 13% | 0 | 2 | 0% | 25% |
| Black/African American | 17 | 0 | 1 | 0 | 6% | 0% | 1 | 0 | 6% | 0% |
| Filipino/a | 76 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 127 | 32 | 1 | 2 | 1% | 6% | 2 | 3 | 2% | 9% |
| Multiple Ethnicities | 49 | 0 | 2 | 0 | 4% | 0% | 2 | 0 | 4% | 0% |
| Other | 0 | 18 | 0 | 3 | 0% | 17% | 0 | 4 | 0% | 22% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 7 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 153 | 25 | 2 | 2 | 1% | 8% | 2 | 3 | 1% | 12% |
| Spring 2020 Total | 501 | 93 | 7 | 10 | 1% | 11% | 9 | 14 | 2% | 15% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 11 | 0 | 1 | 0% | 9% | 0 | 1 | 0% | 9% |
| American Indian | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 67 | 0 | 3 | 0 | 4% | 0% | 4 | 0 | 6% | 0% |
| Asian/Pacific Islander | 0 | 15 | 0 | 3 | 0% | 20% | 0 | 3 | 0% | 20% |
| Black/African American | 15 | 0 | 2 | 0 | 13% | 0% | 2 | 0 | 13% | 0% |
| Filipino/a | 79 | 0 | 2 | 0 | 3% | 0% | 2 | 0 | 3% | 0% |
| Latinx | 107 | 63 | 8 | 9 | 7% | 14% | 11 | 10 | 10% | 16% |
| Multiple Ethnicities | 54 | 0 | 2 | 0 | 4% | 0% | 2 | 0 | 4% | 0% |
| Other | 0 | 26 | 0 | 3 | 0% | 12% | 0 | 3 | 0% | 12% |
| Pacific Islander | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 8 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 141 | 30 | 5 | 2 | 4% | 7% | 5 | 2 | 4% | 7% |
| Fall 2020 Total | 475 | 146 | 22 | 18 | 5% | 12% | 26 | 19 | 5% | 13% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 10 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| American Indian | 1 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 64 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|------------------------|------|-----|----|----|----|----|----|----|----|-----|
| Asian/Pacific Islander | 0 | 15 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 21 | 0 | 1 | 0 | 5% | 0% | 1 | 0 | 5% | 0% |
| Filipino/a | 42 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 138 | 30 | 2 | 1 | 1% | 3% | 2 | 1 | 1% | 3% |
| Multiple Ethnicities | 30 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 15 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 9 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 143 | 22 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Spring 2021 Total | 449 | 94 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Grand Total | 1425 | 333 | 33 | 29 | 2% | 9% | 39 | 34 | 3% | 10% |

Benchmark

| | | | | | |
|------------------------|-------|-----|-----|-----|-----|
| African American | 95 | 26 | 27% | 38 | 40% |
| American Indian | 9 | 3 | 33% | 3 | 33% |
| Asian/Pacific Islander | 575 | 185 | 32% | 229 | 40% |
| Filipino/a | 381 | 95 | 25% | 126 | 33% |
| Latinx | 605 | 156 | 26% | 203 | 34% |
| White | 902 | 212 | 24% | 272 | 30% |
| Other | 216 | 48 | 22% | 67 | 31% |
| Unknown | 46 | 12 | 26% | 13 | 28% |
| Grand Total | 2,829 | 737 | 27% | 951 | 34% |

Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer of fall is considered "next term". For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 3 Cohort Term Persistence

| Cohort | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|------------------------|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 1 | 100% | 50% |
| Multiple Ethnicities | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Other | 0 | 3 | 0 | 1 | 0% | 33% | 0 | 0 | 0% | 0% |
| White | 2 | 2 | 2 | 2 | 100% | 100% | 1 | 1 | 50% | 50% |
| Spring 2020 Total | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Asian | 3 | 0 | 3 | 0 | 100% | 0% | 1 | 0 | 33% | 0% |
| Asian/Pacific Islander | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 3 | 0% | 100% |
| Black/African American | 2 | 0 | 1 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Latinx | 8 | 9 | 3 | 3 | 38% | 33% | 1 | 1 | 13% | 11% |
| Multiple Ethnicities | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Other | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 2 | 0% | 67% |
| White | 5 | 2 | 4 | 2 | 80% | 100% | 3 | 2 | 60% | 100% |
| Fall 2020 Total | 22 | 18 | 15 | 12 | 68% | 67% | 9 | 8 | 41% | 44% |
| Spring 2021 | | | | | | | | | | |
| Black/African American | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 2 | 1 | 1 | 1 | 50% | 100% | 0 | 0 | 0% | 0% |
| White | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 33 | 29 | 23 | 20 | 70% | 69% | 13 | 11 | 39% | 38% |
| Benchmark | | | | | | | | | | |

| | | | | | |
|-------------------------------|------------|------------|-------------|------------|------------|
| African American | 27 | 24 | 89% | 22 | 81% |
| American Indian | 3 | 3 | 100% | 2 | 67% |
| Asian/Pacific Islander | 206 | 183 | 89% | 148 | 72% |
| Filipino/a | 107 | 90 | 84% | 70 | 65% |
| Latinx | 175 | 144 | 82% | 111 | 63% |
| White | 236 | 199 | 84% | 155 | 66% |
| Other | 51 | 45 | 88% | 31 | 61% |
| Unknown | 15 | 10 | 67% | 8 | 53% |
| Grand Total | 820 | 698 | 85% | 547 | 66% |

Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|------------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| Asian | 2 | 0 | 2 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 2 | 0 | 1 | 0% | 50% | 0 | 0 | 0% | 0% |
| Black/African American | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 2 | 3 | 2 | 3 | 100% | 100% | 2 | 2 | 100% | 67% |
| Multiple Ethnicities | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Other | 0 | 4 | 0 | 2 | 0% | 50% | 0 | 1 | 0% | 25% |
| White | 2 | 3 | 2 | 3 | 100% | 100% | 1 | 1 | 50% | 33% |
| Spring 2020 Total | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Asian | 4 | 0 | 4 | 0 | 100% | 0% | 2 | 0 | 50% | 0% |
| Asian/Pacific Islander | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 3 | 0% | 100% |
| Black/African American | 2 | 0 | 1 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Latinx | 11 | 10 | 6 | 4 | 55% | 40% | 2 | 1 | 18% | 10% |
| Multiple Ethnicities | 2 | 0 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| Other | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 2 | 0% | 67% |
| White | 5 | 2 | 4 | 2 | 80% | 100% | 3 | 2 | 60% | 100% |
| Fall 2020 Total | 26 | 19 | 19 | 13 | 73% | 68% | 11 | 8 | 42% | 42% |
| Spring 2021 | | | | | | | | | | |
| Black/African American | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 2 | 1 | 1 | 1 | 50% | 100% | 0 | 0 | 0% | 0% |
| White | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 39 | 34 | 29 | 25 | 74% | 74% | 16 | 13 | 41% | 38% |

Table 5 Cohort Repetition Outcomes

| Cohort | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|------------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 4 | 0 | 1 | 0% | 25% | 0 | 1 | 0% | 25% |
| Asian | 9 | 0 | 1 | 0 | 11% | 0% | 2 | 0 | 22% | 0% |
| Asian/Pacific Islander | 0 | 3 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 33% |
| Black/African American | 5 | 0 | 1 | 0 | 20% | 0% | 1 | 0 | 20% | 0% |
| Filipino/a | 16 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 33 | 5 | 0 | 1 | 0% | 20% | 0 | 1 | 0% | 20% |
| Multiple Ethnicities | 11 | 0 | 1 | 0 | 9% | 0% | 1 | 0 | 9% | 0% |
| Other | 0 | 2 | 0 | 1 | 0% | 50% | 0 | 1 | 0% | 50% |
| Unknown | 5 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 38 | 5 | 1 | 1 | 3% | 20% | 1 | 2 | 3% | 40% |
| Spring 2020 Total | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 6 | 0 | 1 | 0% | 17% | 0 | 1 | 0% | 17% |
| Asian | 8 | 0 | 2 | 0 | 25% | 0% | 2 | 0 | 25% | 0% |
| Asian/Pacific Islander | 0 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 8 | 0 | 2 | 0 | 25% | 0% | 2 | 0 | 25% | 0% |
| Filipino/a | 18 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 47 | 32 | 7 | 8 | 15% | 25% | 9 | 9 | 19% | 28% |
| Multiple Ethnicities | 20 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 5 | 0 | 1 | 0% | 20% | 0 | 1 | 0% | 20% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 40 | 11 | 2 | 0 | 5% | 0% | 2 | 0 | 5% | 0% |
| Fall 2020 Total | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 18 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 7 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 7 | 0 | 1 | 0 | 14% | 0% | 1 | 0 | 14% | 0% |

| | | | | | | | | | | |
|--|-----|-----|-----|----|-----|-----|-----|----|-----|-----|
| Filipino/a | 9 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 39 | 12 | 2 | 1 | 5% | 8% | 2 | 1 | 5% | 8% |
| Multiple Ethnicities | 6 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 8 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 36 | 10 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 118 | 39 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Grand Total | 376 | 118 | 20 | 15 | 5% | 13% | 23 | 18 | 6% | 15% |
| Benchmark | | | | | | | | | | |
| African American | 34 | | 8 | | 24% | | 14 | | 41% | |
| American Indian | 4 | | 0 | | 0% | | 0 | | 0% | |
| Asian/Pacific Islander | 118 | | 32 | | 27% | | 47 | | 40% | |
| Filipino/a | 93 | | 31 | | 33% | | 48 | | 52% | |
| Latinx | 212 | | 62 | | 29% | | 85 | | 40% | |
| White | 262 | | 54 | | 21% | | 83 | | 32% | |
| Other | 58 | | 15 | | 26% | | 23 | | 40% | |
| Unknown | 12 | | 3 | | 25% | | 4 | | 33% | |
| Grand Total | 793 | | 205 | | 23% | | 304 | | 35% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Cohort Term Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|------------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Other | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 1 | 0% | 100% |
| Spring 2020 Total | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Asian | 2 | 0 | 1 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 7 | 8 | 3 | 2 | 43% | 25% | 3 | 4 | 43% | 50% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 2 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Fall 2020 Total | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|------------------------|----|----|----|---|-----|-----|---|---|------|-----|
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 2 | 1 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 20 | 15 | 10 | 6 | 50% | 40% | 8 | 8 | 40% | 53% |

Benchmark

| | | | | | |
|------------------------|-----|-----|-----|-----|-----|
| African American | 8 | 7 | 88% | 6 | 75% |
| Asian/Pacific Islander | 33 | 29 | 88% | 21 | 64% |
| Filipino/a | 31 | 26 | 84% | 18 | 58% |
| Latinx | 62 | 50 | 81% | 34 | 55% |
| White | 54 | 45 | 83% | 33 | 61% |
| Other | 16 | 15 | 94% | 8 | 50% |
| Unknown | 3 | 2 | 67% | 1 | 33% |
| Grand Total | 207 | 174 | 83% | 121 | 57% |

Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 7 Cohort Annual Repetition

| Cohort | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|------------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Asian | 2 | 0 | 1 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Black/African American | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Other | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 1 | 2 | 1 | 0 | 100% | 0% | 0 | 1 | 0% | 50% |
| Spring 2020 Total | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Asian | 2 | 0 | 1 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 9 | 9 | 4 | 3 | 44% | 33% | 3 | 4 | 33% | 44% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 2 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Fall 2020 Total | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |

| | | | | | | | | | | |
|----------------------|----|----|----|---|-----|-----|---|---|-----|-----|
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 2 | 1 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 23 | 18 | 11 | 8 | 48% | 44% | 8 | 8 | 35% | 44% |

MATH 119 Disproportionate Impacts by Age

Table 1 Cohort Outcomes

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|-------------------|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 118 | 0 | 114 | 0 | 97% | 0% | 112 | 0 | 95% | 0% |
| 18 - 24 | 313 | 71 | 247 | 56 | 79% | 79% | 227 | 42 | 73% | 59% |
| 25 - 29 | 39 | 9 | 33 | 8 | 85% | 89% | 30 | 7 | 77% | 78% |
| 30 - 39 | 20 | 9 | 11 | 8 | 55% | 89% | 10 | 6 | 50% | 67% |
| 40 - 49 | 8 | 2 | 6 | 2 | 75% | 100% | 4 | 2 | 50% | 100% |
| 50 and > | 3 | 2 | 2 | 2 | 0% | 0% | 1 | 2 | 0% | 100% |
| Spring 2020 Total | 501 | 93 | 413 | 76 | 82% | 82% | 384 | 59 | 77% | 63% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 119 | 0 | 111 | 0 | 93% | 0% | 101 | 0 | 85% | 0% |
| 18 - 24 | 272 | 82 | 237 | 66 | 87% | 80% | 179 | 47 | 66% | 57% |
| 25 - 29 | 44 | 20 | 33 | 15 | 75% | 75% | 28 | 12 | 64% | 60% |
| 30 - 39 | 32 | 22 | 28 | 13 | 88% | 59% | 21 | 12 | 66% | 55% |
| 40 - 49 | 6 | 6 | 5 | 5 | 83% | 83% | 5 | 5 | 83% | 83% |
| 50 and > | 2 | 4 | 1 | 4 | 0% | 0% | 0 | 4 | 0% | 100% |
| Under 18 | 0 | 12 | 0 | 10 | 0% | 83% | 0 | 7 | 0% | 58% |
| Fall 2020 Total | 475 | 146 | 415 | 113 | 87% | 77% | 334 | 87 | 70% | 60% |
| Spring 2021 | | | | | | | | | | |
| 17 and Under | 76 | 0 | 73 | 0 | 96% | 0% | 61 | 0 | 80% | 0% |
| 18 - 24 | 277 | 64 | 251 | 54 | 91% | 84% | 195 | 32 | 70% | 50% |
| 25 - 29 | 51 | 16 | 45 | 14 | 88% | 88% | 40 | 11 | 78% | 69% |
| 30 - 39 | 34 | 9 | 30 | 8 | 88% | 89% | 27 | 8 | 79% | 89% |
| 40 - 49 | 7 | 3 | 7 | 2 | 100% | 67% | 6 | 2 | 86% | 67% |
| 50 and > | 4 | 1 | 3 | 1 | 0% | 0% | 2 | 1 | 0% | 100% |
| Under 18 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 449 | 94 | 409 | 80 | 91% | 85% | 331 | 54 | 74% | 57% |
| Grand Total | 1425 | 333 | 1237 | 269 | 87% | 81% | 1049 | 200 | 74% | 60% |
| Benchmark | | | | | | | | | | |

| | | | | | |
|--|--------------|-------------|------------|-------------|------------|
| 17 and Under | 76 | 75 | 99% | 72 | 95% |
| 18 - 24 | 2,034 | 1778 | 87% | 1471 | 72% |
| 25 - 29 | 373 | 318 | 85% | 263 | 71% |
| 30 - 39 | 243 | 193 | 79% | 166 | 68% |
| 40 - 49 | 72 | 54 | 75% | 47 | 65% |
| 50 and > | 31 | 23 | 74% | 17 | 55% |
| Grand Total | 2829 | 2441 | 83% | 2036 | 71% |
| Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 118 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 313 | 71 | 3 | 9 | 1% | 13% | 5 | 12 | 2% | 17% |
| 25 - 29 | 39 | 9 | 4 | 1 | 10% | 11% | 4 | 2 | 10% | 22% |
| 30 - 39 | 20 | 9 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 8 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 501 | 93 | 7 | 10 | 1% | 11% | 9 | 14 | 2% | 15% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 119 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 272 | 82 | 16 | 12 | 6% | 15% | 20 | 13 | 7% | 16% |
| 25 - 29 | 44 | 20 | 3 | 1 | 7% | 5% | 3 | 1 | 7% | 5% |
| 30 - 39 | 32 | 22 | 2 | 3 | 6% | 14% | 2 | 3 | 6% | 14% |
| 40 - 49 | 6 | 6 | 1 | 1 | 17% | 17% | 1 | 1 | 17% | 17% |
| 50 and > | 2 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 12 | 0 | 1 | 0% | 8% | 0 | 1 | 0% | 8% |
| Fall 2020 Total | 475 | 146 | 22 | 18 | 5% | 12% | 26 | 19 | 5% | 13% |
| Spring 2021 | | | | | | | | | | |
| 17 and Under | 76 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 277 | 64 | 3 | 1 | 1% | 2% | 3 | 1 | 1% | 2% |
| 25 - 29 | 51 | 16 | 1 | 0 | 2% | 0% | 1 | 0 | 2% | 0% |
| 30 - 39 | 34 | 9 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 7 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 4 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 449 | 94 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Grand Total | 1425 | 333 | 33 | 29 | 2% | 9% | 39 | 34 | 3% | 10% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 76 | | 54 | | 71% | | 54 | | 71% | |
| 18 - 24 | 2,034 | | 543 | | 27% | | 720 | | 35% | |
| 25 - 29 | 373 | | 69 | | 18% | | 87 | | 23% | |
| 30 - 39 | 243 | | 50 | | 21% | | 58 | | 24% | |
| 40 - 49 | 72 | | 14 | | 19% | | 21 | | 29% | |

| | | | | | |
|-------------|------|-----|-----|-----|-----|
| 50 and > | 31 | 7 | 23% | 11 | 35% |
| Grand Total | 2829 | 737 | 30% | 951 | 36% |

Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| 18 - 24 | 3 | 9 | 3 | 7 | 100% | 78% | 1 | 3 | 33% | 33% |
| 25 - 29 | 4 | 1 | 3 | 0 | 75% | 0% | 2 | 0 | 50% | 0% |
| Spring 2020 Total | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Fall 2020 | | | | | | | | | | |
| 18 - 24 | 16 | 12 | 11 | 7 | 69% | 58% | 7 | 3 | 44% | 25% |
| 25 - 29 | 3 | 1 | 3 | 1 | 100% | 100% | 1 | 1 | 33% | 100% |
| 30 - 39 | 2 | 3 | 0 | 2 | 0% | 67% | 0 | 2 | 0% | 67% |
| 40 - 49 | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Under 18 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Fall 2020 Total | 22 | 18 | 15 | 12 | 68% | 67% | 9 | 8 | 41% | 44% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 3 | 1 | 1 | 1 | 33% | 100% | 0 | 0 | 0% | 0% |
| 25 - 29 | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 33 | 29 | 23 | 20 | 70% | 69% | 13 | 11 | 39% | 38% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 54 | | 53 | | 98% | | 53 | | 98% | |
| 18 - 24 | 607 | | 510 | | 84% | | 386 | | 64% | |
| 25 - 29 | 79 | | 69 | | 87% | | 58 | | 73% | |
| 30 - 39 | 56 | | 46 | | 82% | | 34 | | 61% | |
| 40 - 49 | 17 | | 14 | | 82% | | 10 | | 59% | |
| 50 and > | 7 | | 6 | | 86% | | 6 | | 86% | |
| Grand Total | 820 | | 698 | | 87% | | 547 | | 73% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| Cohort | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| 18 - 24 | 5 | 12 | 5 | 10 | 100% | 83% | 2 | 4 | 40% | 33% |
| 25 - 29 | 4 | 2 | 3 | 1 | 75% | 50% | 2 | 1 | 50% | 50% |
| Spring 2020 Total | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Fall 2020 | | | | | | | | | | |
| 18 - 24 | 20 | 13 | 15 | 8 | 75% | 62% | 9 | 3 | 45% | 23% |
| 25 - 29 | 3 | 1 | 3 | 1 | 100% | 100% | 1 | 1 | 33% | 100% |
| 30 - 39 | 2 | 3 | 0 | 2 | 0% | 67% | 0 | 2 | 0% | 67% |
| 40 - 49 | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Under 18 | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Fall 2020 Total | 26 | 19 | 19 | 13 | 73% | 68% | 11 | 8 | 42% | 42% |
| Spring 2021 | | | | | | | | | | |
| 18 - 24 | 3 | 1 | 1 | 1 | 33% | 100% | 0 | 0 | 0% | 0% |
| 25 - 29 | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 39 | 34 | 29 | 25 | 74% | 74% | 16 | 13 | 41% | 38% |

Table 5 Cohort Repetition Outcomes

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 6 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 86 | 18 | 2 | 4 | 2% | 22% | 3 | 6 | 3% | 33% |
| 25 - 29 | 9 | 1 | 2 | 0 | 22% | 0% | 2 | 0 | 22% | 0% |
| 30 - 39 | 10 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 4 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 18 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 93 | 35 | 9 | 9 | 10% | 26% | 11 | 10 | 12% | 29% |
| 25 - 29 | 16 | 7 | 2 | 0 | 13% | 0% | 2 | 0 | 13% | 0% |
| 30 - 39 | 11 | 10 | 2 | 1 | 18% | 10% | 2 | 1 | 18% | 10% |
| 40 - 49 | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 5 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Spring 2021 | | | | | | | | | | |
| 17 and Under | 15 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 82 | 31 | 3 | 1 | 4% | 3% | 3 | 1 | 4% | 3% |
| 25 - 29 | 11 | 5 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 7 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 118 | 39 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Grand Total | 376 | 118 | 20 | 15 | 5% | 13% | 23 | 18 | 6% | 15% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 4 | | 1 | | 25% | | 1 | | 25% | |
| 18 - 24 | 563 | | 155 | | 28% | | 240 | | 43% | |
| 25 - 29 | 110 | | 20 | | 18% | | 25 | | 23% | |
| 30 - 39 | 77 | | 18 | | 23% | | 22 | | 29% | |
| 40 - 49 | 25 | | 8 | | 32% | | 11 | | 44% | |

| | | | | | |
|---|------------|------------|------------|------------|------------|
| 50 and > | 14 | 3 | 21% | 5 | 36% |
| Grand Total | 793 | 205 | 25% | 304 | 33% |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 2 | 4 | 2 | 2 | 100% | 50% | 0 | 2 | 0% | 50% |
| 25 - 29 | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 9 | 9 | 3 | 4 | 33% | 44% | 5 | 5 | 56% | 56% |
| 25 - 29 | 2 | 0 | 1 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 2 | 1 | 1 | 0 | 50% | 0% | 0 | 1 | 0% | 100% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Spring 2021 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 20 | 15 | 10 | 6 | 50% | 40% | 8 | 8 | 40% | 53% |
| Benchmark | | | | | | | | | | |
| 17 and Under | 1 | | 1 | | 100% | | 1 | | 100% | |
| 18 - 24 | 157 | | 131 | | 83% | | 87 | | 55% | |

| | | | | | |
|--------------------|------------|------------|------------|------------|------------|
| 25 - 29 | 20 | 18 | 90% | 14 | 70% |
| 30 - 39 | 18 | 16 | 89% | 13 | 72% |
| 40 - 49 | 8 | 6 | 75% | 4 | 50% |
| 50 and > | 3 | 2 | 67% | 2 | 67% |
| Grand Total | 207 | 174 | 84% | 121 | 69% |

Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 3 | 6 | 2 | 3 | 67% | 50% | 0 | 2 | 0% | 33% |
| 25 - 29 | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Fall 2020 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 11 | 10 | 4 | 5 | 36% | 50% | 5 | 5 | 45% | 50% |
| 25 - 29 | 2 | 0 | 1 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 2 | 1 | 1 | 0 | 50% | 0% | 0 | 1 | 0% | 100% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Spring 2021 | | | | | | | | | | |
| 17 and Under | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 18 - 24 | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| 25 - 29 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 30 - 39 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 40 - 49 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| 50 and > | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Under 18 | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 23 | 18 | 11 | 8 | 48% | 44% | 8 | 8 | 35% | 44% |

Table 2 Persistence Rates

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|------------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 8 | 0 | 3 | 0% | 38% | 0 | 3 | 0% | 38% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 127 | 0 | 5 | 0 | 4% | 0% | 12 | 0 | 9% | 0% |
| Asian/Pacific Islander | 0 | 45 | 0 | 8 | 0% | 18% | 0 | 11 | 0% | 24% |
| Black/African American | 31 | 0 | 2 | 0 | 6% | 0% | 3 | 0 | 10% | 0% |
| Filipino/a | 87 | 0 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Latinx | 186 | 43 | 4 | 5 | 2% | 12% | 5 | 7 | 3% | 16% |
| Multiple Ethnicities | 83 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 1% | 0% |
| Other | 0 | 21 | 0 | 3 | 0% | 14% | 0 | 5 | 0% | 24% |
| Pacific Islander | 3 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 29 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 251 | 45 | 5 | 6 | 2% | 13% | 9 | 10 | 4% | 22% |
| Spring 2020 Total | 798 | 164 | 17 | 25 | 2% | 15% | 31 | 36 | 4% | 22% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 9 | 0 | 1 | 0% | 11% | 0 | 1 | 0% | 11% |
| American Indian | 1 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Asian | 185 | 0 | 7 | 0 | 4% | 0% | 8 | 0 | 4% | 0% |
| Asian/Pacific Islander | 0 | 27 | 0 | 6 | 0% | 22% | 0 | 6 | 0% | 22% |
| Black/African American | 29 | 0 | 2 | 0 | 7% | 0% | 3 | 0 | 10% | 0% |
| Filipino/a | 144 | 0 | 3 | 0 | 2% | 0% | 3 | 0 | 2% | 0% |
| Latinx | 318 | 50 | 7 | 12 | 2% | 24% | 7 | 12 | 2% | 24% |
| Multiple Ethnicities | 139 | 0 | 2 | 0 | 1% | 0% | 2 | 0 | 1% | 0% |
| Other | 0 | 25 | 0 | 4 | 0% | 16% | 0 | 4 | 0% | 16% |
| Pacific Islander | 9 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 17 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 392 | 51 | 10 | 14 | 3% | 27% | 10 | 15 | 3% | 29% |
| Fall 2020 Total | 1234 | 164 | 31 | 38 | 3% | 23% | 33 | 39 | 3% | 24% |
| Spring 2021 | | | | | | | | | | |

| | | | | | | | | | | |
|------------------------|------|-----|----|----|----|-----|----|----|----|-----|
| African American | 0 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 85 | 0 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Asian/Pacific Islander | 0 | 26 | 0 | 2 | 0% | 8% | 0 | 2 | 0% | 8% |
| Black/African American | 27 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 50 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 185 | 41 | 2 | 1 | 1% | 2% | 2 | 1 | 1% | 2% |
| Multiple Ethnicities | 52 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 16 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 5 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 7 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 142 | 36 | 0 | 1 | 0% | 3% | 0 | 1 | 0% | 3% |
| Spring 2021 Total | 554 | 126 | 3 | 4 | 1% | 3% | 3 | 4 | 1% | 3% |
| Grand Total | 2586 | 454 | 51 | 67 | 2% | 15% | 67 | 79 | 3% | 17% |

Benchmark

| | | | | | |
|------------------------|-------|-------|-----|-------|-----|
| African American | 154 | 57 | 37% | 76 | 49% |
| American Indian | 13 | 2 | 15% | 4 | 31% |
| Asian/Pacific Islander | 642 | 304 | 47% | 382 | 60% |
| Filipino/a | 436 | 211 | 48% | 262 | 60% |
| Latinx | 923 | 341 | 37% | 457 | 50% |
| White | 1,211 | 0,432 | 36% | 570 | 47% |
| Other | 334 | 122 | 37% | 167 | 50% |
| Unknown | 57 | 25 | 44% | 32 | 56% |
| Grand Total | 3,770 | 1,494 | 38% | 1,950 | 50% |

Note. A student is considered persistent if they took another English class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 3 Term Persistent Enrollment Outcomes

| Cohort | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|------------------------|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 2 | 0% | 67% |
| Asian | 5 | 0 | 5 | 0 | 100% | 0% | 4 | 0 | 80% | 0% |
| Asian/Pacific Islander | 0 | 8 | 0 | 7 | 0% | 88% | 0 | 7 | 0% | 88% |
| Black/African American | 2 | 0 | 2 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 4 | 5 | 4 | 4 | 100% | 80% | 2 | 2 | 50% | 40% |
| Other | 0 | 3 | 0 | 2 | 0% | 67% | 0 | 2 | 0% | 67% |
| White | 5 | 6 | 4 | 6 | 80% | 100% | 4 | 4 | 80% | 67% |
| Spring 2020 Total | 17 | 25 | 15 | 22 | 88% | 88% | 10 | 17 | 59% | 68% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| American Indian | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Asian | 7 | 0 | 6 | 0 | 86% | 0% | 5 | 0 | 71% | 0% |
| Asian/Pacific Islander | 0 | 6 | 0 | 5 | 0% | 83% | 0 | 2 | 0% | 33% |
| Black/African American | 2 | 0 | 1 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 3 | 0 | 1 | 0 | 33% | 0% | 1 | 0 | 33% | 0% |
| Latinx | 7 | 12 | 2 | 5 | 29% | 42% | 2 | 4 | 29% | 33% |
| Multiple Ethnicities | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Other | 0 | 4 | 0 | 3 | 0% | 75% | 0 | 2 | 0% | 50% |
| White | 10 | 14 | 9 | 12 | 90% | 86% | 8 | 10 | 80% | 71% |
| Fall 2020 Total | 31 | 38 | 21 | 27 | 68% | 71% | 17 | 20 | 55% | 53% |
| Spring 2021 | | | | | | | | | | |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Latinx | 2 | 1 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |
| White | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 51 | 67 | 39 | 51 | 76% | 76% | 29 | 39 | 57% | 58% |

| Benchmark | | | | | |
|---|-------|-------|------|-------|------|
| African American | 59 | 52 | 88% | 41 | 69% |
| American Indian | 2 | 2 | 100% | 2 | 100% |
| Asian/Pacific Islander | 318 | 294 | 92% | 261 | 82% |
| Filipino/a | 214 | 186 | 87% | 168 | 79% |
| Latinx | 353 | 299 | 85% | 245 | 69% |
| White | 442 | 397 | 90% | 364 | 82% |
| Other | 126 | 115 | 91% | 100 | 79% |
| Unknown | 24 | 24 | 100% | 20 | 83% |
| Grand Total | 1,538 | 1,369 | 92% | 1,201 | 81% |
| <p>Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17.</p> | | | | | |

Table 4 Annual Persistent Enrollment Outcomes

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|------------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 3 | 0 | 3 | 0% | 100% | 0 | 2 | 0% | 67% |
| Asian | 12 | 0 | 10 | 0 | 83% | 0% | 8 | 0 | 67% | 0% |
| Asian/Pacific Islander | 0 | 11 | 0 | 9 | 0% | 82% | 0 | 8 | 0% | 73% |
| Black/African American | 3 | 0 | 3 | 0 | 100% | 0% | 1 | 0 | 33% | 0% |
| Filipino/a | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 5 | 7 | 5 | 6 | 100% | 86% | 2 | 4 | 40% | 57% |
| Multiple Ethnicities | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 5 | 0 | 3 | 0% | 60% | 0 | 3 | 0% | 60% |
| White | 9 | 10 | 6 | 8 | 67% | 80% | 6 | 6 | 67% | 60% |
| Spring 2020 Total | 31 | 36 | 24 | 29 | 77% | 81% | 17 | 23 | 55% | 64% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| American Indian | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Asian | 8 | 0 | 7 | 0 | 88% | 0% | 5 | 0 | 63% | 0% |
| Asian/Pacific Islander | 0 | 6 | 0 | 5 | 0% | 83% | 0 | 2 | 0% | 33% |
| Black/African American | 3 | 0 | 2 | 0 | 67% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 3 | 0 | 1 | 0 | 33% | 0% | 1 | 0 | 33% | 0% |
| Latinx | 7 | 12 | 2 | 5 | 29% | 42% | 2 | 4 | 29% | 33% |
| Multiple Ethnicities | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Other | 0 | 4 | 0 | 3 | 0% | 75% | 0 | 2 | 0% | 50% |
| White | 10 | 15 | 9 | 13 | 90% | 87% | 8 | 11 | 80% | 73% |
| Fall 2020 Total | 33 | 39 | 23 | 28 | 70% | 72% | 17 | 21 | 52% | 54% |
| Spring 2021 | | | | | | | | | | |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Asian/Pacific Islander | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 2 | 0% | 100% |
| Latinx | 2 | 1 | 2 | 0 | 100% | 0% | 2 | 0 | 100% | 0% |

| | | | | | | | | | | |
|---|-------|----|-------|----|------|-----|-------|----|------|-----|
| White | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 4 | 3 | 2 | 100% | 50% | 2 | 2 | 67% | 50% |
| Grand Total | 67 | 79 | 50 | 59 | 75% | 75% | 36 | 46 | 54% | 58% |
| Benchmark | | | | | | | | | | |
| African American | 94 | | 79 | | 84% | | 65 | | 69% | |
| American Indian | 4 | | 4 | | 100% | | 4 | | 100% | |
| Asian/Pacific Islander | 456 | | 414 | | 91% | | 364 | | 80% | |
| Filipino/a | 311 | | 270 | | 87% | | 238 | | 77% | |
| Latinx | 535 | | 447 | | 84% | | 357 | | 67% | |
| White | 652 | | 579 | | 89% | | 516 | | 79% | |
| Other | 192 | | 171 | | 89% | | 150 | | 78% | |
| Unknown | 35 | | 35 | | 100% | | 31 | | 89% | |
| Grand Total | 2,279 | | 1,999 | | 90% | | 1,725 | | 80% | |
| Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 5 Course Repetition

| Cohort | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|------------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| American Indian | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 31 | 0 | 1 | 0 | 3% | 0% | 4 | 0 | 13% | 0% |
| Asian/Pacific Islander | 0 | 4 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 25% |
| Black/African American | 11 | 0 | 2 | 0 | 18% | 0% | 2 | 0 | 18% | 0% |
| Filipino/a | 23 | 0 | 1 | 0 | 4% | 0% | 1 | 0 | 4% | 0% |
| Latinx | 82 | 14 | 2 | 2 | 2% | 14% | 3 | 2 | 4% | 14% |
| Multiple Ethnicities | 33 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 3% | 0% |
| Other | 0 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 7 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 73 | 11 | 1 | 2 | 1% | 18% | 3 | 2 | 4% | 18% |
| Spring 2020 Total | 261 | 37 | 7 | 5 | 3% | 14% | 14 | 6 | 5% | 16% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 23 | 0 | 2 | 0 | 9% | 0% | 3 | 0 | 13% | 0% |
| Asian/Pacific Islander | 0 | 10 | 0 | 4 | 0% | 40% | 0 | 4 | 0% | 40% |
| Black/African American | 10 | 0 | 2 | 0 | 20% | 0% | 3 | 0 | 30% | 0% |
| Filipino/a | 26 | 0 | 2 | 0 | 8% | 0% | 2 | 0 | 8% | 0% |
| Latinx | 95 | 28 | 5 | 8 | 5% | 29% | 5 | 8 | 5% | 29% |
| Multiple Ethnicities | 30 | 0 | 1 | 0 | 3% | 0% | 1 | 0 | 3% | 0% |
| Other | 0 | 11 | 0 | 2 | 0% | 18% | 0 | 2 | 0% | 18% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 7 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 76 | 17 | 2 | 3 | 3% | 18% | 2 | 3 | 3% | 18% |
| Fall 2020 Total | 268 | 72 | 14 | 17 | 5% | 24% | 16 | 17 | 6% | 24% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 2 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 14 | 0 | 1 | 0 | 7% | 0% | 1 | 0 | 7% | 0% |
| Asian/Pacific Islander | 0 | 11 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|--|-------|-----|----|-----|----|-----|----|-----|----|-----|
| Black/African American | 11 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 15 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 91 | 23 | 0 | 1 | 0% | 4% | 0 | 1 | 0% | 4% |
| Multiple Ethnicities | 22 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 8 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 45 | 17 | 0 | 1 | 0% | 6% | 0 | 1 | 0% | 6% |
| Spring 2021 Total | 200 | 61 | 1 | 2 | 1% | 3% | 1 | 2 | 1% | 3% |
| Grand Total | 729 | 170 | 22 | 24 | 3% | 14% | 31 | 25 | 4% | 15% |
| Benchmark | | | | | | | | | | |
| African American | 53 | 19 | | 36% | | 27 | | 51% | | |
| American Indian | 2 | 0 | | 0% | | 0 | | 0% | | |
| Asian/Pacific Islander | 158 | 65 | | 41% | | 90 | | 57% | | |
| Filipino/a | 108 | 40 | | 37% | | 59 | | 55% | | |
| Latinx | 328 | 88 | | 27% | | 143 | | 44% | | |
| White | 288 | 79 | | 27% | | 125 | | 43% | | |
| Other | 107 | 28 | | 26% | | 45 | | 42% | | |
| Unknown | 12 | 6 | | 50% | | 6 | | 50% | | |
| Grand Total | 1,056 | 325 | | 31% | | 495 | | 43% | | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 6 Term Course Repetition

| Cohort | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|------------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 2 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Filipino/a | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 2 | 2 | 0 | 2 | 0% | 100% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 1 | 2 | 1 | 1 | 100% | 50% | 2 | 2 | 200% | 100% |
| Spring 2020 Total | 7 | 5 | 3 | 4 | 43% | 80% | 4 | 2 | 57% | 40% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Asian/Pacific Islander | 0 | 4 | 0 | 1 | 0% | 25% | 0 | 2 | 0% | 50% |
| Black/African American | 2 | 0 | 1 | 0 | 50% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 2 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Latinx | 5 | 8 | 4 | 4 | 80% | 50% | 0 | 2 | 0% | 25% |
| Multiple Ethnicities | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Other | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 2 | 3 | 1 | 2 | 50% | 67% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 14 | 17 | 7 | 9 | 50% | 53% | 3 | 5 | 21% | 29% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |

| | | | | | | | | | | |
|------------------------|----|----|----|----|------|------|---|---|------|-----|
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 22 | 24 | 11 | 15 | 50% | 63% | 8 | 7 | 36% | 29% |

Benchmark

| | | | | | |
|------------------------|-----|-----|------|-----|-----|
| African American | 19 | 14 | 74% | 9 | 47% |
| Asian/Pacific Islander | 65 | 53 | 82% | 37 | 57% |
| Filipino/a | 42 | 27 | 64% | 23 | 55% |
| Latinx | 90 | 66 | 73% | 38 | 42% |
| White | 80 | 67 | 84% | 50 | 63% |
| Other | 28 | 24 | 86% | 19 | 68% |
| Unknown | 5 | 5 | 100% | 4 | 80% |
| Grand Total | 329 | 256 | 80% | 180 | 59% |

Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 7 Annual Course Repetition

| Cohort | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|------------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X | ENGL 101 | ENGL 101X |
| Spring 2020 | | | | | | | | | | |
| African American | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| American Indian | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 4 | 0 | 2 | 0 | 50% | 0% | 1 | 0 | 25% | 0% |
| Asian/Pacific Islander | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Black/African American | 2 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Filipino/a | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 3 | 2 | 1 | 2 | 33% | 100% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 3 | 2 | 2 | 1 | 67% | 50% | 2 | 2 | 67% | 100% |
| Spring 2020 Total | 14 | 6 | 7 | 5 | 50% | 83% | 4 | 2 | 29% | 33% |
| Fall 2020 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 3 | 0 | 2 | 0 | 67% | 0% | 1 | 0 | 33% | 0% |
| Asian/Pacific Islander | 0 | 4 | 0 | 1 | 0% | 25% | 0 | 2 | 0% | 50% |
| Black/African American | 3 | 0 | 2 | 0 | 67% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 2 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 50% | 0% |
| Latinx | 5 | 8 | 4 | 4 | 80% | 50% | 0 | 2 | 0% | 25% |
| Multiple Ethnicities | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Other | 0 | 2 | 0 | 2 | 0% | 100% | 0 | 1 | 0% | 50% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 2 | 3 | 1 | 2 | 50% | 67% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 16 | 17 | 9 | 9 | 56% | 53% | 3 | 5 | 19% | 29% |
| Spring 2021 | | | | | | | | | | |
| African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Asian | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |

| | | | | | | | | | | |
|--|-----|----|-----|----|------|------|-----|---|------|-----|
| Black/African American | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Filipino/a | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Latinx | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Multiple Ethnicities | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Other | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Pacific Islander | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| White | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 1 | 2 | 1 | 2 | 100% | 100% | 1 | 0 | 100% | 0% |
| Grand Total | 31 | 25 | 17 | 16 | 55% | 64% | 8 | 7 | 26% | 28% |
| Benchmark | | | | | | | | | | |
| African American | 31 | | 20 | | 65% | | 14 | | 45% | |
| Asian/Pacific Islander | 104 | | 82 | | 79% | | 59 | | 57% | |
| Filipino/a | 69 | | 46 | | 67% | | 36 | | 52% | |
| Latinx | 158 | | 116 | | 73% | | 69 | | 44% | |
| White | 137 | | 115 | | 84% | | 79 | | 58% | |
| Other | 47 | | 39 | | 83% | | 30 | | 64% | |
| Unknown | 5 | | 5 | | 100% | | 4 | | 80% | |
| Grand Total | 551 | | 423 | | 79% | | 291 | | 57% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Math 119 Disproportionate Impacts by Academic Standing

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 501 | 93 | 413 | 76 | 82% | 82% | 384 | 59 | 77% | 63% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 501 | 93 | 413 | 76 | 82% | 82% | 384 | 59 | 77% | 63% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 5 | 4 | 3 | 2 | 60% | 50% | 0 | 0 | 0% | 0% |
| Good Standing | 425 | 119 | 382 | 99 | 90% | 83% | 326 | 83 | 77% | 70% |
| Probation | 44 | 23 | 29 | 12 | 66% | 52% | 7 | 4 | 16% | 17% |
| Unknown | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Fall 2020 Total | 475 | 146 | 415 | 113 | 87% | 77% | 334 | 87 | 70% | 60% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 24 | 6 | 16 | 4 | 67% | 67% | 1 | 0 | 4% | 0% |
| Good Standing | 403 | 72 | 377 | 66 | 94% | 92% | 326 | 51 | 81% | 71% |
| Probation | 21 | 16 | 15 | 10 | 71% | 63% | 4 | 3 | 19% | 19% |
| Unknown | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 449 | 94 | 409 | 80 | 91% | 85% | 331 | 54 | 74% | 57% |
| Grand Total | 1425 | 333 | 1237 | 269 | 87% | 81% | 1049 | 200 | 74% | 60% |
| Benchmark | | | | | | | | | | |
| Good Standing | 2,573 | | 2,277 | | 88% | | 1,979 | | 77% | |
| Probation | 194 | | 121 | | 62% | | 44 | | 23% | |
| Disqualified | 62 | | 43 | | 69% | | 13 | | 21% | |
| Grand Total | 2,829 | | 2,441 | | 86% | | 2,036 | | 72% | |
| Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|--------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 501 | 93 | 7 | 10 | 1% | 11% | 9 | 14 | 2% | 15% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 501 | 93 | 7 | 10 | 1% | 11% | 9 | 14 | 2% | 15% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 5 | 4 | 1 | 0 | 20% | 0% | 1 | 0 | 20% | 0% |
| Good Standing | 425 | 119 | 17 | 16 | 4% | 13% | 20 | 16 | 5% | 13% |
| Probation | 44 | 23 | 4 | 2 | 9% | 9% | 5 | 3 | 11% | 13% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 475 | 146 | 22 | 18 | 5% | 12% | 26 | 19 | 5% | 13% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 24 | 6 | 1 | 0 | 4% | 0% | 1 | 0 | 4% | 0% |
| Good Standing | 403 | 72 | 2 | 0 | 0% | 0% | 2 | 0 | 0% | 0% |
| Probation | 21 | 16 | 1 | 1 | 5% | 6% | 1 | 1 | 5% | 6% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 449 | 94 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Grand Total | 1425 | 333 | 33 | 29 | 2% | 9% | 39 | 34 | 3% | 10% |
| Benchmark | | | | | | | | | | |
| Good Standing | 2,573 | | 682 | | 27% | | 872 | | 34% | |
| Probation | 194 | | 49 | | 25% | | 66 | | 34% | |
| Disqualified | 62 | | 6 | | 10% | | 13 | | 21% | |
| Grand Total | 2,829 | | 737 | | 26% | | 951 | | 34% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Spring 2020 Total | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 17 | 16 | 13 | 12 | 76% | 75% | 8 | 8 | 47% | 50% |
| Probation | 4 | 2 | 2 | 0 | 50% | 0% | 1 | 0 | 25% | 0% |
| Fall 2020 Total | 22 | 18 | 15 | 12 | 68% | 67% | 9 | 8 | 41% | 44% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Probation | 1 | 1 | 1 | 1 | 100% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 33 | 29 | 23 | 20 | 70% | 69% | 13 | 11 | 39% | 38% |
| Benchmark | | | | | | | | | | |
| Good Standing | 758 | | 650 | | 86% | | 524 | | 69% | |
| Probation | 55 | | 41 | | 75% | | 22 | | 40% | |
| Disqualified | 7 | | 7 | | 100% | | 1 | | 14% | |
| Grand Total | 820 | | 698 | | 85% | | 547 | | 67% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Spring 2020 Total | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 20 | 16 | 16 | 12 | 80% | 75% | 10 | 8 | 50% | 50% |
| Probation | 5 | 3 | 3 | 1 | 60% | 33% | 1 | 0 | 20% | 0% |
| Fall 2020 Total | 26 | 19 | 19 | 13 | 73% | 68% | 11 | 8 | 42% | 42% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 2 | 0 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Probation | 1 | 1 | 1 | 1 | 100% | 100% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 39 | 34 | 29 | 25 | 74% | 74% | 16 | 13 | 41% | 38% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Spring 2020 Total | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 5 | 4 | 1 | 0 | 20% | 0% | 1 | 0 | 20% | 0% |
| Good Standing | 99 | 35 | 9 | 8 | 9% | 23% | 10 | 8 | 10% | 23% |
| Probation | 37 | 19 | 3 | 2 | 8% | 11% | 4 | 3 | 11% | 16% |
| Fall 2020 Total | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 23 | 6 | 1 | 0 | 4% | 0% | 1 | 0 | 4% | 0% |
| Good Standing | 77 | 20 | 1 | 0 | 1% | 0% | 1 | 0 | 1% | 0% |
| Probation | 17 | 13 | 1 | 1 | 6% | 8% | 1 | 1 | 6% | 8% |
| Unknown | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 118 | 39 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Grand Total | 376 | 118 | 20 | 15 | 5% | 13% | 23 | 18 | 6% | 15% |
| Benchmark | | | | | | | | | | |
| Good Standing | 594 | | 175 | | 29% | | 255 | | 43% | |
| Probation | 150 | | 28 | | 19% | | 42 | | 28% | |
| Disqualified | 49 | | 2 | | 4% | | 7 | | 14% | |
| Grand Total | 793 | | 205 | | 26% | | 304 | | 38% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Spring 2020 Total | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 9 | 8 | 2 | 4 | 22% | 50% | 4 | 5 | 44% | 63% |
| Probation | 3 | 2 | 2 | 0 | 67% | 0% | 1 | 1 | 33% | 50% |
| Fall 2020 Total | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Good Standing | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Probation | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 20 | 15 | 10 | 6 | 50% | 40% | 8 | 8 | 40% | 53% |
| Benchmark | | | | | | | | | | |
| Good Standing | 177 | | 150 | | 85% | | 109 | | 62% | |
| Probation | 28 | | 22 | | 79% | | 12 | | 43% | |
| Disqualified | 2 | | 2 | | 100% | | 0 | | 0% | |
| Grand Total | 207 | | 174 | | 84% | | 121 | | 58% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Good Standing | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Spring 2020 Total | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Fall 2020 | | | | | | | | | | |
| Disqualified | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Good Standing | 10 | 8 | 3 | 4 | 30% | 50% | 4 | 5 | 40% | 63% |
| Probation | 4 | 3 | 2 | 1 | 50% | 33% | 1 | 1 | 25% | 33% |
| Fall 2020 Total | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Spring 2021 | | | | | | | | | | |
| Disqualified | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Good Standing | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Probation | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 23 | 18 | 11 | 8 | 48% | 44% | 8 | 8 | 35% | 44% |

Math 119 Disproportionate Impacts by DSPS

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 15 | 6 | 11 | 5 | 73% | 83% | 11 | 5 | 73% | 83% |
| Unknown | 486 | 87 | 402 | 71 | 83% | 82% | 373 | 54 | 77% | 62% |
| Spring 2020 Total | 501 | 93 | 413 | 76 | 82% | 82% | 384 | 59 | 77% | 63% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 10 | 10 | 9 | 6 | 90% | 60% | 9 | 5 | 90% | 50% |
| Unknown | 465 | 136 | 406 | 107 | 87% | 79% | 325 | 82 | 70% | 60% |
| Fall 2020 Total | 475 | 146 | 415 | 113 | 87% | 77% | 334 | 87 | 70% | 60% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 9 | 8 | 9 | 6 | 100% | 75% | 8 | 5 | 89% | 63% |
| Unknown | 440 | 86 | 400 | 74 | 91% | 86% | 323 | 49 | 73% | 57% |
| Spring 2021 Total | 449 | 94 | 409 | 80 | 91% | 85% | 331 | 54 | 74% | 57% |
| Grand Total | 1425 | 333 | 1237 | 269 | 87% | 81% | 1049 | 200 | 74% | 60% |
| | | | | | | | | | | |
| DSPS | 132 | | 120 | | 91% | | 99 | | 75% | |
| Not DSPS | 2,697 | | 2,321 | | 86% | | 1,937 | | 72% | |
| Grand Total | 2,829 | | 2,441 | | 86% | | 2,036 | | 72% | |
| Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 15 | 6 | 0 | 1 | 0% | 17% | 1 | 1 | 7% | 17% |
| Unknown | 486 | 87 | 7 | 9 | 1% | 10% | 8 | 13 | 2% | 15% |
| Spring 2020 Total | 501 | 93 | 7 | 10 | 1% | 11% | 9 | 14 | 2% | 15% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 10 | 10 | 2 | 2 | 20% | 20% | 2 | 2 | 20% | 20% |
| Unknown | 465 | 136 | 20 | 16 | 4% | 12% | 24 | 17 | 5% | 13% |
| Fall 2020 Total | 475 | 146 | 22 | 18 | 5% | 12% | 26 | 19 | 5% | 13% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 9 | 8 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 440 | 86 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Spring 2021 Total | 449 | 94 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Grand Total | 1425 | 333 | 33 | 29 | 2% | 9% | 39 | 34 | 3% | 10% |
| Benchmark | | | | | | | | | | |
| DSPS | 132 | | 36 | | 27% | | 44 | | 33% | |
| Not DSPS | 2,697 | | 701 | | 26% | | 907 | | 34% | |
| Grand Total | 2,829 | | 737 | | 26% | | 951 | | 34% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Unknown | 7 | 9 | 6 | 6 | 86% | 67% | 3 | 2 | 43% | 22% |
| Spring 2020 Total | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 2 | 2 | 1 | 1 | 50% | 50% | 1 | 1 | 50% | 50% |
| Unknown | 20 | 16 | 14 | 11 | 70% | 69% | 8 | 7 | 40% | 44% |
| Fall 2020 Total | 22 | 18 | 15 | 12 | 68% | 67% | 9 | 8 | 41% | 44% |
| Spring 2021 | | | | | | | | | | |
| Unknown | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 33 | 29 | 23 | 20 | 70% | 69% | 13 | 11 | 39% | 38% |
| Benchmark | | | | | | | | | | |
| DSPS | 37 | | 31 | | 84% | | 26 | | 70% | |
| Not DSPS | 783 | | 667 | | 85% | | 521 | | 67% | |
| Grand Total | 820 | | 698 | | 85% | | 547 | | 67% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| Cohort | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Unknown | 8 | 13 | 7 | 10 | 88% | 77% | 3 | 4 | 38% | 31% |
| Spring 2020 Total | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 2 | 2 | 1 | 1 | 50% | 50% | 1 | 1 | 50% | 50% |
| Unknown | 24 | 17 | 18 | 12 | 75% | 71% | 10 | 7 | 42% | 41% |
| Fall 2020 Total | 26 | 19 | 19 | 13 | 73% | 68% | 11 | 8 | 42% | 42% |
| Spring 2021 | | | | | | | | | | |
| Unknown | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 39 | 34 | 29 | 25 | 74% | 74% | 16 | 13 | 41% | 38% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 4 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 113 | 20 | 4 | 4 | 4% | 20% | 5 | 6 | 4% | 30% |
| Spring 2020 Total | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 1 | 4 | 1 | 1 | 100% | 25% | 1 | 1 | 100% | 25% |
| Unknown | 140 | 54 | 12 | 9 | 9% | 17% | 14 | 10 | 10% | 19% |
| Fall 2020 Total | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 1 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 117 | 36 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Spring 2021 Total | 118 | 39 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Grand Total | 376 | 118 | 20 | 15 | 5% | 13% | 23 | 18 | 6% | 15% |
| Benchmark | | | | | | | | | | |
| DSPS | 33 | | 9 | | 27% | | 13 | | 39% | |
| Not DSPS | 760 | | 196 | | 26% | | 291 | | 38% | |
| Grand Total | 793 | | 205 | | 26% | | 304 | | 38% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Spring 2020 Total | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 1 | 1 | 1 | 0 | 100% | 0% | 1 | 1 | 100% | 100% |
| Unknown | 12 | 9 | 4 | 4 | 33% | 44% | 4 | 5 | 33% | 56% |
| Fall 2020 Total | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 20 | 15 | 10 | 6 | 50% | 40% | 8 | 8 | 40% | 53% |
| Benchmark | | | | | | | | | | |
| DSPS | 9 | | 7 | | 78% | | 4 | | 44% | |
| Not DSPS | 198 | | 167 | | 84% | | 117 | | 59% | |
| Grand Total | 207 | | 174 | | 84% | | 121 | | 58% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Spring 2020 Total | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Fall 2020 | | | | | | | | | | |
| DSPS | 1 | 1 | 1 | 0 | 100% | 0% | 1 | 1 | 100% | 100% |
| Unknown | 14 | 10 | 5 | 5 | 36% | 50% | 4 | 5 | 29% | 50% |
| Fall 2020 Total | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Spring 2021 | | | | | | | | | | |
| DSPS | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 23 | 18 | 11 | 8 | 48% | 44% | 8 | 8 | 35% | 44% |

Math 119 Disproportionate Impacts by First Generation

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 20 | 8 | 14 | 5 | 70% | 63% | 11 | 3 | 55% | 38% |
| Not First Gen. | 114 | 18 | 87 | 12 | 76% | 67% | 80 | 8 | 70% | 44% |
| Unknown | 367 | 67 | 312 | 59 | 85% | 88% | 293 | 48 | 80% | 72% |
| Spring 2020 Total | 501 | 93 | 413 | 76 | 82% | 82% | 384 | 59 | 77% | 63% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 51 | 25 | 46 | 18 | 90% | 72% | 31 | 16 | 61% | 64% |
| Not First Gen. | 193 | 52 | 166 | 40 | 86% | 77% | 138 | 32 | 72% | 62% |
| Unknown | 231 | 69 | 203 | 55 | 88% | 80% | 165 | 39 | 71% | 57% |
| Fall 2020 Total | 475 | 146 | 415 | 113 | 87% | 77% | 334 | 87 | 70% | 60% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 50 | 15 | 44 | 13 | 88% | 87% | 32 | 9 | 64% | 60% |
| Not First Gen. | 171 | 25 | 157 | 21 | 92% | 84% | 127 | 14 | 74% | 56% |
| Unknown | 228 | 54 | 208 | 46 | 91% | 85% | 172 | 31 | 75% | 57% |
| Spring 2021 Total | 449 | 94 | 409 | 80 | 91% | 85% | 331 | 54 | 74% | 57% |
| Grand Total | 1425 | 333 | 1237 | 269 | 87% | 81% | 1049 | 200 | 74% | 60% |
| Benchmark | | | | | | | | | | |
| First Gen. | 624 | | 548 | | 88% | | 451 | | 72% | |
| Not First Gen. | 2,204 | | 1,893 | | 86% | | 1,585 | | 72% | |
| Unknown | 1 | | 0 | | 0% | | 0 | | 0% | |
| Grand Total | 2,829 | | 2,441 | | 86% | | 2,036 | | 72% | |
| Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 20 | 8 | 1 | 0 | 5% | 0% | 1 | 0 | 5% | 0% |
| Not First Gen. | 114 | 18 | 1 | 0 | 1% | 0% | 1 | 1 | 1% | 6% |
| Unknown | 367 | 67 | 5 | 10 | 1% | 15% | 7 | 13 | 2% | 19% |
| Spring 2020 Total | 501 | 93 | 7 | 10 | 1% | 11% | 9 | 14 | 2% | 15% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 51 | 25 | 3 | 3 | 6% | 12% | 4 | 3 | 8% | 12% |
| Not First Gen. | 193 | 52 | 7 | 7 | 4% | 13% | 7 | 7 | 4% | 13% |
| Unknown | 231 | 69 | 12 | 8 | 5% | 12% | 15 | 9 | 6% | 13% |
| Fall 2020 Total | 475 | 146 | 22 | 18 | 5% | 12% | 26 | 19 | 5% | 13% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 50 | 15 | 1 | 0 | 2% | 0% | 1 | 0 | 2% | 0% |
| Not First Gen. | 171 | 25 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 228 | 54 | 3 | 1 | 1% | 2% | 3 | 1 | 1% | 2% |
| Spring 2021 Total | 449 | 94 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Grand Total | 1425 | 333 | 33 | 29 | 2% | 9% | 39 | 34 | 3% | 10% |
| Benchmark | | | | | | | | | | |
| First Gen. | 624 | | 159 | | 25% | | 201 | | 32% | |
| Not First Gen. | 2,204 | | 578 | | 26% | | 750 | | 34% | |
| Unknown | 1 | | 0 | | 0% | | 0 | | 0% | |
| Grand Total | 2,829 | | 737 | | 26% | | 951 | | 34% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 5 | 10 | 4 | 7 | 80% | 70% | 3 | 3 | 60% | 30% |
| Spring 2020 Total | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 3 | 3 | 3 | 2 | 100% | 67% | 2 | 2 | 67% | 67% |
| Not First Gen. | 7 | 7 | 4 | 5 | 57% | 71% | 4 | 4 | 57% | 57% |
| Unknown | 12 | 8 | 8 | 5 | 67% | 63% | 3 | 2 | 25% | 25% |
| Fall 2020 Total | 22 | 18 | 15 | 12 | 68% | 67% | 9 | 8 | 41% | 44% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 3 | 1 | 2 | 1 | 67% | 100% | 1 | 0 | 33% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 33 | 29 | 23 | 20 | 70% | 69% | 13 | 11 | 39% | 38% |
| Benchmark | | | | | | | | | | |
| First Gen. | 174 | | 148 | | 85% | | 116 | | 67% | |
| Not First Gen. | 646 | | 550 | | 85% | | 431 | | 67% | |
| Grand Total | 820 | | 698 | | 85% | | 547 | | 67% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 1 | 1 | 1 | 1 | 100% | 100% | 0 | 0 | 0% | 0% |
| Unknown | 7 | 13 | 6 | 10 | 86% | 77% | 4 | 5 | 57% | 38% |
| Spring 2020 Total | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 4 | 3 | 4 | 2 | 100% | 67% | 3 | 2 | 75% | 67% |
| Not First Gen. | 7 | 7 | 4 | 5 | 57% | 71% | 4 | 4 | 57% | 57% |
| Unknown | 15 | 9 | 11 | 6 | 73% | 67% | 4 | 2 | 27% | 22% |
| Fall 2020 Total | 26 | 19 | 19 | 13 | 73% | 68% | 11 | 8 | 42% | 42% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 3 | 1 | 2 | 1 | 67% | 100% | 1 | 0 | 33% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 39 | 34 | 29 | 25 | 74% | 74% | 16 | 13 | 41% | 38% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 9 | 3 | 1 | 0 | 11% | 0% | 1 | 0 | 11% | 0% |
| Not First Gen. | 34 | 6 | 1 | 0 | 3% | 0% | 1 | 1 | 3% | 17% |
| Unknown | 74 | 12 | 2 | 4 | 3% | 33% | 3 | 5 | 4% | 42% |
| Spring 2020 Total | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 20 | 9 | 1 | 1 | 5% | 11% | 1 | 1 | 5% | 11% |
| Not First Gen. | 55 | 20 | 3 | 3 | 5% | 15% | 3 | 3 | 5% | 15% |
| Unknown | 66 | 29 | 9 | 6 | 14% | 21% | 11 | 7 | 17% | 24% |
| Fall 2020 Total | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 18 | 5 | 1 | 0 | 6% | 0% | 1 | 0 | 6% | 0% |
| Not First Gen. | 44 | 11 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 56 | 23 | 2 | 1 | 4% | 4% | 2 | 1 | 4% | 4% |
| Spring 2021 Total | 118 | 39 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Grand Total | 376 | 118 | 20 | 15 | 5% | 13% | 23 | 18 | 6% | 15% |
| Benchmark | | | | | | | | | | |
| First Gen. | 173 | | 38 | | 22% | | 56 | | 32% | |
| Not First Gen. | 619 | | 167 | | 27% | | 248 | | 40% | |
| Unknown | 1 | | 0 | | 0 | | 0 | | 0 | |
| Grand Total | 793 | | 205 | | 26% | | 304 | | 38% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 1 | 0% | 0% |
| Unknown | 2 | 4 | 2 | 2 | 100% | 50% | 1 | 1 | 50% | 25% |
| Spring 2020 Total | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 1 | 0% | 100% |
| Not First Gen. | 3 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| Unknown | 9 | 6 | 4 | 3 | 44% | 50% | 5 | 4 | 56% | 67% |
| Fall 2020 Total | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Not First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 2 | 1 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 20 | 15 | 10 | 6 | 50% | 40% | 8 | 8 | 40% | 53% |
| Benchmark | | | | | | | | | | |
| First Gen. | 38 | | 30 | | 79% | | 22 | | 58% | |
| Not First Gen. | 169 | | 144 | | 85% | | 99 | | 59% | |
| Grand Total | 207 | | 174 | | 84% | | 121 | | 58% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| First Gen. | 1 | 0 | 1 | 0 | 100% | 0% | 0 | 0 | 0% | 0% |
| Not First Gen. | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 1 | 0% | 100% |
| Unknown | 3 | 5 | 2 | 3 | 67% | 60% | 1 | 1 | 33% | 20% |
| Spring 2020 Total | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Fall 2020 | | | | | | | | | | |
| First Gen. | 1 | 1 | 1 | 0 | 100% | 0% | 0 | 1 | 0% | 100% |
| Not First Gen. | 3 | 3 | 0 | 1 | 0% | 33% | 0 | 1 | 0% | 33% |
| Unknown | 11 | 7 | 5 | 4 | 45% | 57% | 5 | 4 | 45% | 57% |
| Fall 2020 Total | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Spring 2021 | | | | | | | | | | |
| First Gen. | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| Not First Gen. | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 2 | 1 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 23 | 18 | 11 | 8 | 48% | 44% | 8 | 8 | 35% | 44% |

Math 119 Disproportionate Impacts by Foster Status

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 1 | 1 | 1 | 1 | 100% | 100% | 1 | 1 | 100% | 100% |
| Not Foster Youth | 500 | 92 | 412 | 75 | 82% | 82% | 383 | 58 | 77% | 63% |
| Spring 2020 Total | 501 | 93 | 413 | 76 | 82% | 82% | 384 | 59 | 77% | 63% |
| Fall 2020 | | | | | | | | | | |
| Foster Youth | 3 | 1 | 3 | 1 | 100% | 100% | 3 | 1 | 100% | 100% |
| Not Foster Youth | 472 | 145 | 412 | 112 | 87% | 77% | 331 | 86 | 70% | 59% |
| Fall 2020 Total | 475 | 146 | 415 | 113 | 87% | 77% | 334 | 87 | 70% | 60% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 3 | 4 | 3 | 3 | 100% | 75% | 2 | 3 | 67% | 75% |
| Not Foster Youth | 446 | 90 | 406 | 77 | 91% | 86% | 329 | 51 | 74% | 57% |
| Spring 2021 Total | 449 | 94 | 409 | 80 | 91% | 85% | 331 | 54 | 74% | 57% |
| Grand Total | 1425 | 333 | 1237 | 269 | 87% | 81% | 1049 | 200 | 74% | 60% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 46 | | 44 | | 96% | | 38 | | 83% | |
| Not Foster Youth | 2,673 | | 2,307 | | 86% | | 1,923 | | 72% | |
| Unknown | 110 | | 90 | | 82% | | 75 | | 68% | |
| Grand Total | 2,829 | | 2,441 | | 86% | | 2,036 | | 72% | |
| Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Foster Youth | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 500 | 92 | 7 | 10 | 1% | 11% | 9 | 14 | 2% | 15% |
| Spring 2020 Total | 501 | 93 | 7 | 10 | 1% | 11% | 9 | 14 | 2% | 15% |
| Fall 2020 | | | | | | | | | | |
| Foster Youth | 3 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 472 | 145 | 22 | 18 | 5% | 12% | 26 | 19 | 6% | 13% |
| Fall 2020 Total | 475 | 146 | 22 | 18 | 5% | 12% | 26 | 19 | 5% | 13% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 3 | 4 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 446 | 90 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Spring 2021 Total | 449 | 94 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Grand Total | 1425 | 333 | 33 | 29 | 2% | 9% | 39 | 34 | 3% | 10% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 46 | | 14 | | 30% | | 19 | | 41% | |
| Not Foster Youth | 2,673 | | 700 | | 26% | | 903 | | 34% | |
| Unknown | 110 | | 23 | | 21% | | 29 | | 26% | |
| Grand Total | 2,829 | | 737 | | 26% | | 951 | | 34% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|---|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Not Foster Youth | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Spring 2020 Total | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 22 | 18 | 15 | 12 | 68% | 67% | 9 | 8 | 41% | 44% |
| Fall 2020 Total | 22 | 18 | 15 | 12 | 68% | 67% | 9 | 8 | 41% | 44% |
| Spring 2021 | | | | | | | | | | |
| Not Foster Youth | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 33 | 29 | 23 | 20 | 70% | 69% | 13 | 11 | 39% | 38% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 14 | | 13 | | 93% | | 10 | | 71% | |
| Not Foster Youth | 781 | | 663 | | 85% | | 520 | | 67% | |
| Unknown | 25 | | 22 | | 88% | | 17 | | 68% | |
| Grand Total | 820 | | 698 | | 85% | | 547 | | 67% | |
| Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Not Foster Youth | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Spring 2020 Total | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 26 | 19 | 19 | 13 | 73% | 68% | 11 | 8 | 42% | 42% |
| Fall 2020 Total | 26 | 19 | 19 | 13 | 73% | 68% | 11 | 8 | 42% | 42% |
| Spring 2021 | | | | | | | | | | |
| Not Foster Youth | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 39 | 34 | 29 | 25 | 74% | 74% | 16 | 13 | 41% | 38% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Not Foster Youth | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Spring 2020 Total | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Fall 2020 Total | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 1 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 117 | 38 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Spring 2021 Total | 118 | 39 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Grand Total | 376 | 118 | 20 | 15 | 5% | 13% | 23 | 18 | 6% | 15% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 8 | | 2 | | 25% | | 3 | | 38% | |
| Not Foster Youth | 750 | | 194 | | 26% | | 289 | | 39% | |
| Unknown | 35 | | 9 | | 26% | | 12 | | 34% | |
| Grand Total | 793 | | 205 | | 26% | | 304 | | 38% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Not Foster Youth | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Spring 2020 Total | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Fall 2020 Total | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 20 | 15 | 10 | 6 | 50% | 40% | 8 | 8 | 40% | 53% |
| Benchmark | | | | | | | | | | |
| Foster Youth | 2 | | 2 | | 100% | | 2 | | 100% | |
| Not Foster Youth | 196 | | 165 | | 84% | | 113 | | 58% | |
| Unknown | 9 | | 7 | | 78% | | 6 | | 67% | |
| Grand Total | 207 | | 174 | | 84% | | 121 | | 58% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Not Foster Youth | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Spring 2020 Total | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Fall 2020 | | | | | | | | | | |
| Not Foster Youth | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Fall 2020 Total | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Spring 2021 | | | | | | | | | | |
| Foster Youth | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Not Foster Youth | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 23 | 18 | 11 | 8 | 48% | 44% | 8 | 8 | 35% | 44% |

Math 119 Disproportionate Impacts by Military Status

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 461 | 81 | 387 | 66 | 84% | 81% | 363 | 52 | 79% | 64% |
| Veteran/Active Duty | 40 | 12 | 26 | 10 | 65% | 83% | 21 | 7 | 53% | 58% |
| Spring 2020 Total | 501 | 93 | 413 | 76 | 82% | 82% | 384 | 59 | 77% | 63% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 424 | 130 | 378 | 99 | 89% | 76% | 304 | 74 | 72% | 57% |
| Veteran/Active Duty | 51 | 16 | 37 | 14 | 73% | 88% | 30 | 13 | 59% | 81% |
| Fall 2020 Total | 475 | 146 | 415 | 113 | 87% | 77% | 334 | 87 | 70% | 60% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 406 | 79 | 369 | 68 | 91% | 86% | 296 | 45 | 73% | 57% |
| Veteran/Active Duty | 43 | 15 | 40 | 12 | 93% | 80% | 35 | 9 | 81% | 60% |
| Spring 2021 Total | 449 | 94 | 409 | 80 | 91% | 85% | 331 | 54 | 74% | 57% |
| Grand Total | 1425 | 333 | 1237 | 269 | 87% | 81% | 1049 | 200 | 74% | 60% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 2,528 | | 2,183 | | 86% | | 1,836 | | 73% | |
| Veteran/Active Duty | 301 | | 258 | | 86% | | 200 | | 66% | |
| Grand Total | 2,829 | | 2,441 | | 86% | | 2,036 | | 72% | |
| Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 461 | 81 | 6 | 10 | 1% | 12% | 8 | 14 | 2% | 17% |
| Veteran/Active Duty | 40 | 12 | 1 | 0 | 3% | 0% | 1 | 0 | 3% | 0% |
| Spring 2020 Total | 501 | 93 | 7 | 10 | 1% | 11% | 9 | 14 | 2% | 15% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 424 | 130 | 19 | 17 | 4% | 13% | 23 | 18 | 5% | 14% |
| Veteran/Active Duty | 51 | 16 | 3 | 1 | 6% | 6% | 3 | 1 | 6% | 6% |
| Fall 2020 Total | 475 | 146 | 22 | 18 | 5% | 12% | 26 | 19 | 5% | 13% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 406 | 79 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Veteran/Active Duty | 43 | 15 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 449 | 94 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Grand Total | 1425 | 333 | 33 | 29 | 2% | 9% | 39 | 34 | 3% | 10% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 2,528 | | 677 | | 27% | | 859 | | 34% | |
| Veteran/Active Duty | 301 | | 60 | | 20% | | 92 | | 31% | |
| Grand Total | 2,829 | | 737 | | 26% | | 951 | | 34% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|---|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 6 | 10 | 5 | 7 | 83% | 70% | 2 | 3 | 33% | 30% |
| Veteran/Active Duty | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2020 Total | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 19 | 17 | 12 | 11 | 63% | 65% | 6 | 7 | 32% | 41% |
| Veteran/Active Duty | 3 | 1 | 3 | 1 | 100% | 100% | 3 | 1 | 100% | 100% |
| Fall 2020 Total | 22 | 18 | 15 | 12 | 68% | 67% | 9 | 8 | 41% | 44% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 33 | 29 | 23 | 20 | 70% | 69% | 13 | 11 | 39% | 38% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 751 | | 639 | | 85% | | 501 | | 67% | |
| Veteran/Active Duty | 69 | | 59 | | 86% | | 46 | | 67% | |
| Grand Total | 820 | | 698 | | 85% | | 547 | | 67% | |
| Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 8 | 14 | 7 | 11 | 88% | 79% | 3 | 5 | 38% | 36% |
| Veteran/Active Duty | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Spring 2020 Total | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 23 | 18 | 16 | 12 | 70% | 67% | 8 | 7 | 35% | 39% |
| Veteran/Active Duty | 3 | 1 | 3 | 1 | 100% | 100% | 3 | 1 | 100% | 100% |
| Fall 2020 Total | 26 | 19 | 19 | 13 | 73% | 68% | 11 | 8 | 42% | 42% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 39 | 34 | 29 | 25 | 74% | 74% | 16 | 13 | 41% | 38% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 98 | 18 | 4 | 4 | 4% | 22% | 5 | 6 | 5% | 33% |
| Veteran/Active Duty | 19 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 120 | 55 | 13 | 10 | 11% | 18% | 15 | 11 | 13% | 20% |
| Veteran/Active Duty | 21 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 110 | 33 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Veteran/Active Duty | 8 | 6 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 118 | 39 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Grand Total | 376 | 118 | 20 | 15 | 5% | 13% | 23 | 18 | 6% | 15% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 692 | | 187 | | 27% | | 271 | | 39% | |
| Veteran/Active Duty | 101 | | 18 | | 18% | | 33 | | 33% | |
| Grand Total | 793 | | 205 | | 26% | | 304 | | 38% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 20 | 15 | 10 | 6 | 50% | 40% | 8 | 8 | 40% | 53% |
| Benchmark | | | | | | | | | | |
| Not Veteran/Active Duty | 189 | | 159 | | 84% | | 111 | | 59% | |
| Veteran/Active Duty | 18 | | 15 | | 83% | | 10 | | 56% | |
| Grand Total | 207 | | 174 | | 84% | | 121 | | 58% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Fall 2020 | | | | | | | | | | |
| Not Veteran/Active Duty | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Fall 2020 Total | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Spring 2021 | | | | | | | | | | |
| Not Veteran/Active Duty | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Veteran/Active Duty | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 23 | 18 | 11 | 8 | 48% | 44% | 8 | 8 | 35% | 44% |

Math 119 Disproportionate Impacts by Modality

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|---|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 430 | 93 | 368 | 76 | 86% | 82% | 347 | 59 | 81% | 63% |
| Online | 71 | 0 | 45 | 0 | 63% | 0% | 37 | 0 | 52% | 0% |
| Spring 2020 Total | 501 | 93 | 413 | 76 | 82% | 82% | 384 | 59 | 77% | 63% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 218 | 102 | 197 | 82 | 90% | 80% | 159 | 65 | 73% | 64% |
| Online | 257 | 44 | 218 | 31 | 85% | 70% | 175 | 22 | 68% | 50% |
| Fall 2020 Total | 475 | 146 | 415 | 113 | 87% | 77% | 334 | 87 | 70% | 60% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 198 | 94 | 183 | 80 | 92% | 85% | 157 | 54 | 79% | 57% |
| Online | 251 | 0 | 226 | 0 | 90% | 0% | 174 | 0 | 69% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 449 | 94 | 409 | 80 | 91% | 85% | 331 | 54 | 74% | 57% |
| Grand Total | 1425 | 333 | 1237 | 269 | 87% | 81% | 1049 | 200 | 74% | 60% |
| Benchmark | | | | | | | | | | |
| Day | 1,994 | | 1,795 | | 90% | | 1,520 | | 76% | |
| Evening | 517 | | 440 | | 85% | | 385 | | 74% | |
| Online | 318 | | 206 | | 65% | | 131 | | 41% | |
| Grand Total | 2,829 | | 2,441 | | 86% | | 2,036 | | 72% | |
| Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 430 | 93 | 7 | 10 | 2% | 11% | 9 | 14 | 2% | 15% |
| Online | 71 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 501 | 93 | 7 | 10 | 1% | 11% | 9 | 14 | 2% | 15% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 218 | 102 | 17 | 16 | 8% | 16% | 19 | 16 | 9% | 16% |
| Online | 257 | 44 | 5 | 2 | 2% | 5% | 7 | 3 | 3% | 7% |
| Fall 2020 Total | 475 | 146 | 22 | 18 | 5% | 12% | 26 | 19 | 5% | 13% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 198 | 94 | 4 | 1 | 2% | 1% | 4 | 1 | 2% | 1% |
| Online | 251 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 449 | 94 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Grand Total | 1425 | 333 | 33 | 29 | 2% | 9% | 39 | 34 | 3% | 10% |
| Benchmark | | | | | | | | | | |
| Day | 1,994 | | 544 | | 27% | | 695 | | 35% | |
| Evening | 517 | | 114 | | 22% | | 146 | | 28% | |
| Online | 318 | | 79 | | 25% | | 110 | | 35% | |
| Grand Total | 2,829 | | 737 | | 26% | | 951 | | 34% | |

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|---|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Spring 2020 Total | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 17 | 16 | 13 | 12 | 76% | 75% | 8 | 8 | 47% | 50% |
| Online | 5 | 2 | 2 | 0 | 40% | 0% | 1 | 0 | 20% | 0% |
| Fall 2020 Total | 22 | 18 | 15 | 12 | 68% | 67% | 9 | 8 | 41% | 44% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 33 | 29 | 23 | 20 | 70% | 69% | 13 | 11 | 39% | 38% |
| Benchmark | | | | | | | | | | |
| Day | 603 | | 526 | | 87% | | 414 | | 69% | |
| Evening | 130 | | 103 | | 79% | | 77 | | 59% | |
| Online | 87 | | 69 | | 79% | | 56 | | 64% | |
| Grand Total | 820 | | 698 | | 85% | | 547 | | 67% | |
| <i>Note.</i> A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Spring 2020 Total | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 19 | 16 | 15 | 12 | 79% | 75% | 10 | 8 | 53% | 50% |
| Online | 7 | 3 | 4 | 1 | 57% | 33% | 1 | 0 | 14% | 0% |
| Fall 2020 Total | 26 | 19 | 19 | 13 | 73% | 68% | 11 | 8 | 42% | 42% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 39 | 34 | 29 | 25 | 74% | 74% | 16 | 13 | 41% | 38% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|------------------------|-----------|--------------------|-----------|----------------------------|-----------|----------------------|-----------|------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 83 | 21 | 4 | 4 | 5% | 19% | 5 | 6 | 6% | 29% |
| Online | 34 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 59 | 36 | 9 | 8 | 15% | 22% | 9 | 8 | 15% | 22% |
| Online | 82 | 22 | 4 | 2 | 5% | 9% | 6 | 3 | 7% | 14% |
| Fall 2020 Total | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 41 | 39 | 3 | 1 | 7% | 3% | 3 | 1 | 7% | 3% |
| Online | 77 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 118 | 39 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Grand Total | 376 | 118 | 20 | 15 | 5% | 13% | 23 | 18 | 6% | 15% |
| Benchmark | | | | | | | | | | |
| Day | 474 | | 130 | | 27% | | 196 | | 41% | |
| Evening | 132 | | 31 | | 23% | | 41 | | 31% | |
| Online | 187 | | 44 | | 24% | | 67 | | 36% | |
| Grand Total | 793 | | 205 | | 26% | | 304 | | 38% | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|--|-------------|--------------|-----------------|--------------|-----------------------------------|--------------|---------------|--------------|---------------------------------|--------------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 9 | 8 | 3 | 4 | 33% | 50% | 3 | 4 | 33% | 50% |
| Online | 4 | 2 | 2 | 0 | 50% | 0% | 2 | 2 | 50% | 100% |
| Fall 2020 Total | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 20 | 15 | 10 | 6 | 50% | 40% | 8 | 8 | 40% | 53% |
| Benchmark | | | | | | | | | | |
| Day | 132 | | 112 | | 85% | | 71 | | 54% | |
| Evening | 31 | | 24 | | 77% | | 19 | | 61% | |
| Online | 44 | | 38 | | 86% | | 31 | | 70% | |
| Grand Total | 207 | | 174 | | 84% | | 121 | | 58% | |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| On Campus (F2F) | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Fall 2020 | | | | | | | | | | |
| On Campus (F2F) | 9 | 8 | 3 | 4 | 33% | 50% | 3 | 4 | 33% | 50% |
| Online | 6 | 3 | 3 | 1 | 50% | 33% | 2 | 2 | 33% | 67% |
| Fall 2020 Total | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Spring 2021 | | | | | | | | | | |
| On Campus (F2F) | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 23 | 18 | 11 | 8 | 48% | 44% | 8 | 8 | 35% | 44% |

Math 119 Disproportionate Impacts by Student Type

Table 1 Cohort Class Outcome

| | Cohort Enrollment | | Cohort Retention | | Cohort Retention Rate | | Cohort Success | | Cohort Success Rate | |
|-------------------|-------------------|-----------|------------------|-----------|-----------------------|-----------|----------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 341 | 61 | 300 | 52 | 88% | 85% | 285 | 39 | 84% | 64% |
| Day/Evening | 26 | 5 | 22 | 4 | 85% | 80% | 20 | 4 | 77% | 80% |
| Evening Only | 58 | 23 | 42 | 18 | 72% | 78% | 38 | 16 | 66% | 70% |
| On-Campus/Online | 8 | 4 | 6 | 2 | 75% | 50% | 6 | 0 | 75% | 0% |
| Online Only | 68 | 0 | 43 | 0 | 63% | 0% | 35 | 0 | 51% | 0% |
| Spring 2020 Total | 501 | 93 | 413 | 76 | 82% | 82% | 384 | 59 | 77% | 63% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 153 | 100 | 139 | 80 | 91% | 80% | 108 | 63 | 71% | 63% |
| Day/Evening | 4 | 0 | 3 | 0 | 75% | 0% | 2 | 0 | 50% | 0% |
| Evening Only | 22 | 0 | 19 | 0 | 86% | 0% | 16 | 0 | 73% | 0% |
| On-Campus/Online | 42 | 2 | 38 | 2 | 90% | 100% | 35 | 2 | 83% | 100% |
| Online Only | 254 | 44 | 216 | 31 | 85% | 70% | 173 | 22 | 68% | 50% |
| Fall 2020 Total | 475 | 146 | 415 | 113 | 87% | 77% | 334 | 87 | 70% | 60% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 155 | 59 | 145 | 50 | 94% | 85% | 123 | 36 | 79% | 61% |
| Day/Evening | 7 | 0 | 6 | 0 | 86% | 0% | 6 | 0 | 86% | 0% |
| Evening Only | 28 | 32 | 24 | 27 | 86% | 84% | 20 | 16 | 71% | 50% |
| On-Campus/Online | 11 | 3 | 10 | 3 | 91% | 100% | 9 | 2 | 82% | 67% |
| Online Only | 248 | 0 | 224 | 0 | 90% | 0% | 173 | 0 | 70% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 449 | 94 | 409 | 80 | 91% | 85% | 331 | 54 | 74% | 57% |
| Grand Total | 1425 | 333 | 1237 | 269 | 87% | 81% | 1049 | 200 | 74% | 60% |
| Benchmark | | | | | | | | | | |
| Day Only | 1,853 | | 1,667 | | 90% | | 1,407 | | 76% | |
| Day/Evening | 174 | | 155 | | 89% | | 140 | | 80% | |
| Evening Only | 467 | | 398 | | 85% | | 345 | | 74% | |

| | | | | | |
|--|-------|-------|-----|-------|-----|
| On-Campus/Online | 47 | 31 | 66% | 22 | 47% |
| Online Only | 288 | 190 | 66% | 122 | 42% |
| Grand Total | 2,829 | 2,441 | 86% | 2,036 | 72% |
| Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 2 Cohort Persistence

| | Enrollment | | Term Persistence | | Term Persistence Rate | | Annual Persistence | | Annual Persistence Rate | |
|-------------------|------------|-----------|------------------|-----------|-----------------------|-----------|--------------------|-----------|-------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 341 | 61 | 5 | 5 | 1% | 8% | 6 | 7 | 2% | 11% |
| Day/Evening | 26 | 5 | 0 | 1 | 0% | 20% | 0 | 1 | 0% | 20% |
| Evening Only | 58 | 23 | 2 | 3 | 3% | 13% | 3 | 4 | 5% | 17% |
| On-Campus/Online | 8 | 4 | 0 | 1 | 0% | 25% | 0 | 2 | 0% | 50% |
| Online Only | 68 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 501 | 93 | 7 | 10 | 1% | 11% | 9 | 14 | 2% | 15% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 153 | 100 | 15 | 16 | 10% | 16% | 17 | 16 | 11% | 16% |
| Day/Evening | 4 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 22 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 42 | 2 | 2 | 0 | 5% | 0% | 2 | 0 | 5% | 0% |
| Online Only | 254 | 44 | 5 | 2 | 2% | 5% | 7 | 3 | 3% | 7% |
| Fall 2020 Total | 475 | 146 | 22 | 18 | 5% | 12% | 26 | 19 | 5% | 13% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 155 | 59 | 2 | 1 | 1% | 2% | 2 | 1 | 1% | 2% |
| Day/Evening | 7 | 0 | 1 | 0 | 14% | 0% | 1 | 0 | 14% | 0% |
| Evening Only | 28 | 32 | 1 | 0 | 4% | 0% | 1 | 0 | 4% | 0% |
| On-Campus/Online | 11 | 3 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 248 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 449 | 94 | 4 | 1 | 1% | 1% | 4 | 1 | 1% | 1% |
| Grand Total | 1425 | 333 | 33 | 29 | 2% | 9% | 39 | 34 | 3% | 10% |
| Benchmark | | | | | | | | | | |
| Day Only | 1,853 | | 502 | | 27% | | 642 | | 35% | |
| Day/Evening | 174 | | 65 | | 37% | | 76 | | 44% | |
| Evening Only | 467 | | 87 | | 19% | | 117 | | 25% | |
| On-Campus/Online | 47 | | 14 | | 30% | | 18 | | 38% | |

| | | | | | |
|-------------|-------|-----|-----|-----|-----|
| Online Only | 288 | 69 | 24% | 98 | 34% |
| Grand Total | 2,829 | 737 | 26% | 951 | 34% |

Note. A student is considered persistent if they took another mathematics class at SDCCD in a term subsequent to their cohort term. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 3 Cohort Term Persistence

| | Enrollment | | Term Retention Counts | | Term Persistence Retention Rate | | Sum of Success Counts | | Term Persistence Success Rate | |
|--|------------|-----------|-----------------------|-----------|---------------------------------|-----------|-----------------------|-----------|-------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 5 | 5 | 4 | 4 | 80% | 80% | 2 | 1 | 40% | 20% |
| Day/Evening | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Evening Only | 2 | 3 | 2 | 2 | 100% | 67% | 1 | 1 | 50% | 33% |
| On-Campus/Online | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 7 | 10 | 6 | 7 | 86% | 70% | 3 | 3 | 43% | 30% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 15 | 16 | 11 | 12 | 73% | 75% | 7 | 8 | 47% | 50% |
| On-Campus/Online | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Online Only | 5 | 2 | 2 | 0 | 40% | 0% | 1 | 0 | 20% | 0% |
| Fall 2020 Total | 22 | 18 | 15 | 12 | 68% | 67% | 9 | 8 | 41% | 44% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 2 | 1 | 1 | 1 | 50% | 100% | 0 | 0 | 0% | 0% |
| Day/Evening | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Evening Only | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 33 | 29 | 23 | 20 | 70% | 69% | 13 | 11 | 39% | 38% |
| Benchmark | | | | | | | | | | |
| Day Only | 553 | | 481 | | 87% | | 384 | | 69% | |
| Day/Evening | 77 | | 71 | | 92% | | 46 | | 60% | |
| Evening Only | 97 | | 73 | | 75% | | 58 | | 60% | |
| On-Campus/Online | 20 | | 15 | | 75% | | 12 | | 60% | |
| Online Only | 73 | | 58 | | 79% | | 47 | | 64% | |
| Grand Total | 820 | | 698 | | 85% | | 547 | | 67% | |
| Note. For spring, enrollment in the following summer or fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | | | | | | |

Table 4 Cohort Annual Persistence

| | Enrollment | | Annual Retention Counts | | Annual Persistence Retention Rate | | Annual Success Counts | | Annual Persistence Success Rate | |
|-------------------|------------|-----------|-------------------------|-----------|-----------------------------------|-----------|-----------------------|-----------|---------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 6 | 7 | 5 | 6 | 83% | 86% | 2 | 2 | 33% | 29% |
| Day/Evening | 0 | 1 | 0 | 1 | 0% | 100% | 0 | 1 | 0% | 100% |
| Evening Only | 3 | 4 | 3 | 3 | 100% | 75% | 2 | 2 | 67% | 50% |
| On-Campus/Online | 0 | 2 | 0 | 1 | 0% | 50% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 9 | 14 | 8 | 11 | 89% | 79% | 4 | 5 | 44% | 36% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 17 | 16 | 13 | 12 | 76% | 75% | 9 | 8 | 53% | 50% |
| On-Campus/Online | 2 | 0 | 2 | 0 | 100% | 0% | 1 | 0 | 50% | 0% |
| Online Only | 7 | 3 | 4 | 1 | 57% | 33% | 1 | 0 | 14% | 0% |
| Fall 2020 Total | 26 | 19 | 19 | 13 | 73% | 68% | 11 | 8 | 42% | 42% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 2 | 1 | 1 | 1 | 50% | 100% | 0 | 0 | 0% | 0% |
| Day/Evening | 1 | 0 | 1 | 0 | 100% | 0% | 1 | 0 | 100% | 0% |
| Evening Only | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 4 | 1 | 2 | 1 | 50% | 100% | 1 | 0 | 25% | 0% |
| Grand Total | 39 | 34 | 29 | 25 | 74% | 74% | 16 | 13 | 41% | 38% |

Table 5 Cohort Repetition

| | Headcount of Failed | | Term Repetition | | Term Repetition Rate | | Annual Repetition | | Annual Repetition Rate | |
|-------------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|-------------------|-----------|------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 56 | 17 | 3 | 3 | 5% | 18% | 4 | 4 | 7% | 24% |
| Day/Evening | 6 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 20 | 2 | 1 | 1 | 5% | 50% | 1 | 1 | 5% | 50% |
| On-Campus/Online | 2 | 2 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 50% |
| Online Only | 33 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 117 | 21 | 4 | 4 | 3% | 19% | 5 | 6 | 4% | 29% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 45 | 36 | 8 | 8 | 18% | 22% | 8 | 8 | 18% | 22% |
| Day/Evening | 2 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 6 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 7 | 0 | 1 | 0 | 14% | 0% | 1 | 0 | 14% | 0% |
| Online Only | 81 | 22 | 4 | 2 | 5% | 9% | 6 | 3 | 7% | 14% |
| Fall 2020 Total | 141 | 58 | 13 | 10 | 9% | 17% | 15 | 11 | 11% | 19% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 32 | 23 | 2 | 1 | 6% | 4% | 2 | 1 | 6% | 4% |
| Day/Evening | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 8 | 15 | 1 | 0 | 13% | 0% | 1 | 0 | 13% | 0% |
| On-Campus/Online | 2 | 1 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 75 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 118 | 39 | 3 | 1 | 3% | 3% | 3 | 1 | 3% | 3% |
| Grand Total | 376 | 118 | 20 | 15 | 5% | 13% | 23 | 18 | 6% | 15% |
| Benchmark | | | | | | | | | | |
| Day Only | 446 | | 123 | | 28% | | 186 | | 42% | |
| Day/Evening | 34 | | 11 | | 32% | | 14 | | 41% | |
| Evening Only | 122 | | 27 | | 22% | | 37 | | 30% | |
| On-Campus/Online | 25 | | 5 | | 20% | | 5 | | 20% | |
| Online Only | 166 | | 39 | | 23% | | 62 | | 37% | |

| | | | | | |
|---|------------|------------|------------|------------|------------|
| Grand Total | 793 | 205 | 26% | 304 | 38% |
| Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. | | | | | |

Table 6 Cohort Term Repetition

| | Enrollment | | Retention Count | | Term Repetition Retention Rate | | Success Count | | Term Repetition Success Rate | |
|-------------------|------------|-----------|-----------------|-----------|--------------------------------|-----------|---------------|-----------|------------------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 3 | 3 | 3 | 1 | 100% | 33% | 1 | 1 | 33% | 33% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 1 | 1 | 1 | 1 | 100% | 100% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 0% |
| Online Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 4 | 4 | 4 | 2 | 100% | 50% | 1 | 2 | 25% | 50% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 8 | 8 | 3 | 4 | 38% | 50% | 3 | 4 | 38% | 50% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 4 | 2 | 2 | 0 | 50% | 0% | 2 | 2 | 50% | 100% |
| Fall 2020 Total | 13 | 10 | 5 | 4 | 38% | 40% | 5 | 6 | 38% | 60% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 2 | 1 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 20 | 15 | 10 | 6 | 50% | 40% | 8 | 8 | 40% | 53% |
| Benchmark | | | | | | | | | | |
| Day Only | 125 | | 106 | | 85% | | 66 | | 53% | |
| Day/Evening | 11 | | 10 | | 91% | | 9 | | 82% | |
| Evening Only | 27 | | 20 | | 74% | | 15 | | 56% | |
| On-Campus/Online | 5 | | 4 | | 80% | | 4 | | 80% | |

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Online Only | 39 | 34 | 87% | 27 | 69% |
| Grand Total | 207 | 174 | 84% | 121 | 58% |

Note. For spring, enrollment in the following summer of fall is considered “next term”. For fall, the next term is spring. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 7 Cohort Annual Repetition

| | Enrollment | | Annual Repetition | | Annual Repetition Rate | | Success Count | | Annual Success Rate | |
|-------------------|------------|-----------|-------------------|-----------|------------------------|-----------|---------------|-----------|---------------------|-----------|
| Cohort | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X | MATH 119 | MATH 119X |
| Spring 2020 | | | | | | | | | | |
| Day Only | 4 | 4 | 3 | 2 | 75% | 50% | 1 | 1 | 25% | 25% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 1 | 1 | 1 | 1 | 100% | 100% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 0 | 1 | 0 | 0 | 0% | 0% | 0 | 1 | 0% | 100% |
| Online Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2020 Total | 5 | 6 | 4 | 3 | 80% | 50% | 1 | 2 | 20% | 33% |
| Fall 2020 | | | | | | | | | | |
| Day Only | 8 | 8 | 3 | 4 | 38% | 50% | 3 | 4 | 38% | 50% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| On-Campus/Online | 1 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 6 | 3 | 3 | 1 | 50% | 33% | 2 | 2 | 33% | 67% |
| Fall 2020 Total | 15 | 11 | 6 | 5 | 40% | 45% | 5 | 6 | 33% | 55% |
| Spring 2021 | | | | | | | | | | |
| Day Only | 2 | 1 | 1 | 0 | 50% | 0% | 1 | 0 | 50% | 0% |
| Day/Evening | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Evening Only | 1 | 0 | 0 | 0 | 0% | 0% | 1 | 0 | 100% | 0% |
| On-Campus/Online | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Online Only | 0 | 0 | 0 | 0 | 0% | 0% | 0 | 0 | 0% | 0% |
| Spring 2021 Total | 3 | 1 | 1 | 0 | 33% | 0% | 2 | 0 | 67% | 0% |
| Grand Total | 23 | 18 | 11 | 8 | 48% | 44% | 8 | 8 | 35% | 44% |