Transfer-Level English & Math Outcomes and Persistence Analysis

Fall 2018, Spring 2019, & Fall 2019

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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 succeed1. 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 co-requisites (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.

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[1] California Community Colleges Chancellor's Office. About AB 705. Retrieved from https://assessment.cccco.edu/ab-705-implementation/

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.

Trends

ENGL 101 and 101X Trends

ENGL 101X cohorts had:	**ENGL 101 cohorts had:**

- Higher retention and success rates in cohort enrollments than non-X cohorts
- Higher retention and success rates in persistent enrollments than non-X and benchmark cohorts
- Higher term course repetition success rate than non-X and benchmark cohorts
	- Course repetition rates equal to the benchmark cohort
	- Lower course repetition success rates than the benchmark cohort
	- Disproportionate impacts indicated for:
	   o Spring 2019 cohort enrollment retention and success rates
	   o Spring 2019 term persistence retention and success rates

Both ENGL 101 and ENGL 101X cohorts had:
- Persistence rates slightly lower than the benchmark cohort
- Higher annual persistent enrollment retention and success rates than the benchmark cohort
- Lower course repetition rates than the benchmark cohort
- Lower course repetition retention rates than the benchmark cohort

MATH 96/X, 116/X, and 119/X Aggregated Cohorts Trends

MATH aggregated cohorts X sections had:
- Higher cohort success and retention rates than non-X cohorts
- Higher persistence rates than non-X cohorts
- Disproportionate impact indicated for:
    o Spring 2019 cohort success rate
    o Spring 2019 term persistent enrollment success rate

MATH aggregated cohorts non-X sections had:
- Higher persistent enrollment success and retention rates
- Disproportionate impacts indicated for:
    o Fall 2018 cohort success rate
    o Spring 2019 cohort term persistence success rates
    o Fall 2018 term course repetition retention and success rates

Both X and non-X cohorts had:
- Cohort retention rates similar to the benchmark cohort
- Cohort success rates lower than the benchmark cohort
- Persistent enrollment success and retention rates lower than the benchmark cohort
- Lower course repetition rates than the benchmark cohort
- Lower term course repetition retention and success rates than the benchmark cohort
- Disproportionate impacts indicated for:
    o Fall 2019 cohorts success rates
    o Fall 2018 cohorts term persistent enrollment success rates

MATH 96 and 96X Trends

MATH 96X cohorts had:
- Higher retention and success rates in cohort enrollments than non-X and benchmark cohorts
- Higher persistence rates than non-X and benchmark cohorts
- Disproportionate impact indicated for Spring 2019 term persistent enrollment success rate

MATH 96 cohorts had:
- Persistence rates similar to the benchmark cohort
- Higher retention and success rates in persistent enrollments than X cohorts
- Disproportionate impact indicated for:
    o Fall 2019 cohort enrollment success rate
    o Fall 2018 cohort term course repetition retention rate

Both MATH 96 and 96X cohorts had:
- Lower persistent enrollment retention and success rates than the benchmark cohort
- Lower course repetition enrollment rates than the benchmark cohort
- Lower course repetition retention and success than the benchmark cohort

MATH 116 and 116X Trends

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MATH 116X cohorts had:
- Higher retention and success rates in cohort enrollments than non-X cohorts and benchmark cohort
- Term persistence rates similar to the benchmark cohort and higher than non-X cohorts
- Higher term course repetition rates than non-X and benchmark cohorts

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MATH 116 cohorts had:
- Term persistence retention and success rates higher than X cohorts
- Persistence rates lower than X cohorts and the benchmark cohort
- Annual course repetition rates higher the benchmark cohort and X cohorts

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Both MATH 116 and 116X cohorts had:
- No disproportionate impacts indicated
- Cohort course retention and success rates equal to or higher than the benchmark cohort
- Term persistence retention and success rates equal to or lower than the benchmark cohort

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MATH 119 and 119X Trends

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MATH 119X cohorts had:
- Higher cohort enrollment retention rates than non-X cohorts
- Higher persistent rates than non-X cohorts
- Higher term persistence retention and success rates than non-X cohorts

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MATH 119 cohorts had:
- Higher cohort enrollment success rates than X cohorts
- Disproportionate impacts indicated for Fall 2019 cohort enrollment retention rate

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Both MATH 119 and 119X cohorts had:
- Cohort enrollment retention rates similar to the benchmark cohort
- Cohort enrollment success rates lower than the benchmark cohort
- Term persistence rates lower than the benchmark cohort
- Term persistence retention and success rates lower than the benchmark cohort
- Term course repetition enrollment rates similar to the benchmark cohort
- Term course repetition success rates similar to the benchmark cohort
- Term course repetition retention rates lower than the benchmark cohort
- Disproportionate impacts indicated for:
  - Spring and fall 2019 cohort enrollment success rates

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ENGL 101 & 101X Outcomes and Persistence

Table 1
ENGL 101 Cohort Class Outcomes

Cohort	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
	Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	668	151	596	139	89%	92%	522	117	78%	77%
Spring 2019	511	219	417	194	82%	89%	319	167	62%	76%
Fall 2019	796	261	713	241	90%	92%	604	212	76%	81%
Grand Total	**1,975**	**631**	**1,726**	**574**	**87%**	**91%**	**1,445**	**496**	**73%**	**79%**
Benchmark	**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
ENGL 101 Persistence Rates

Cohort	Cohort Outcome	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	Succeeded	522	117	250	69	48%	59%	300	81	57%	69%
	Failed	146	34	39	5	27%	15%	57	9	39%	26%
	Total	**668**	**151**	**289**	**74**	**43%**	**49%**	**357**	**90**	**53%**	**60%**
Spring 2019	Succeeded	319	167	111	60	35%	36%	138	70	43%	42%
	Failed	192	52	55	16	29%	31%	80	22	42%	42%
	Total	**511**	**219**	**166**	**76**	**32%**	**35%**	**218**	**92**	**43%**	**42%**
Fall 2019	Succeeded	604	212	244	74	40%	35%				
	Failed	192	49	48	15	25%	31%				
	Total	**796**	**261**	**292**	**89**	**37%**	**34%**				
Grand Total		**1,975**	**631**	**747**	**239**	**38%**	**38%**	**575**	**182**	**49%**	**49%**
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 of fall is considered "next term". For fall, the next term is spring.

Figure 1
ENGL 101 Cohort Outcomes

Cohort Retention Rate · Cohort Success Rate

Not X | X | Not X | X

	Fall 2018	Spring 2019	Fall 2019	Fall 2018	Spring 2019	Fall 2019	Fall 2018	Spring 2019	Fall 2019	Fall 2018	Spring 2019	Fall 2019
	89%	82%	90%	92%	89%	92%	78%	62%	76%	77%	76%	81%

86% · 86% · 72% · 72%

- - - 2014/15 - 2016/17 Benchmark Rate

(all ENGL 101 students at Miramar College in fall and spring terms)

Figure 2
ENGL 101 Persistence Rates: All Students

Term Persistence Rate · Annual Persistence Rate

Not X | X | Not X | X

	Fall 2018	Spring 2019	Fall 2019	Fall 2018	Spring 2019	Fall 2019	Fall 2018	Spring 2019	Fall 2018	Spring 2019
	43%	32%	37%	49%	35%	34%	53%	43%	60%	42%

40% · 40% · 52% · 52%

- - - 2014/15 - 2016/17 Benchmark Rate

(all ENGL 101 students at Miramar College in fall and spring terms)
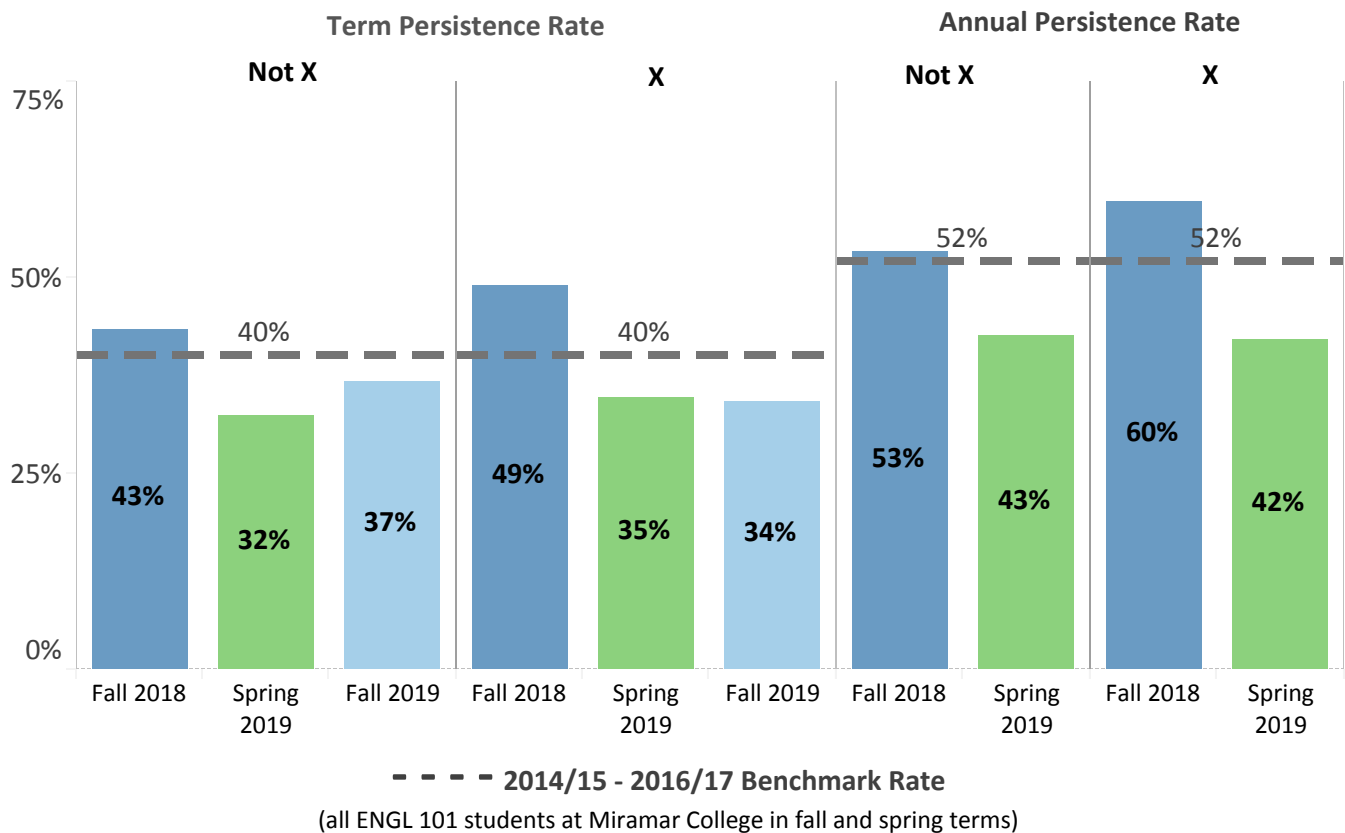
Figure 3
ENGL 101 Persistence Rates: Cohort Class Succeeded

2014/15 - 2016/17 Benchmark Rate
(all ENGL 101 students at Miramar College in fall and spring terms)

Figure 4
ENGL 101 Persistence Rates: Cohort Class Failed

2014/15 - 2016/17 Benchmark Rate
(all ENGL 101 students at Miramar College in fall and spring terms)
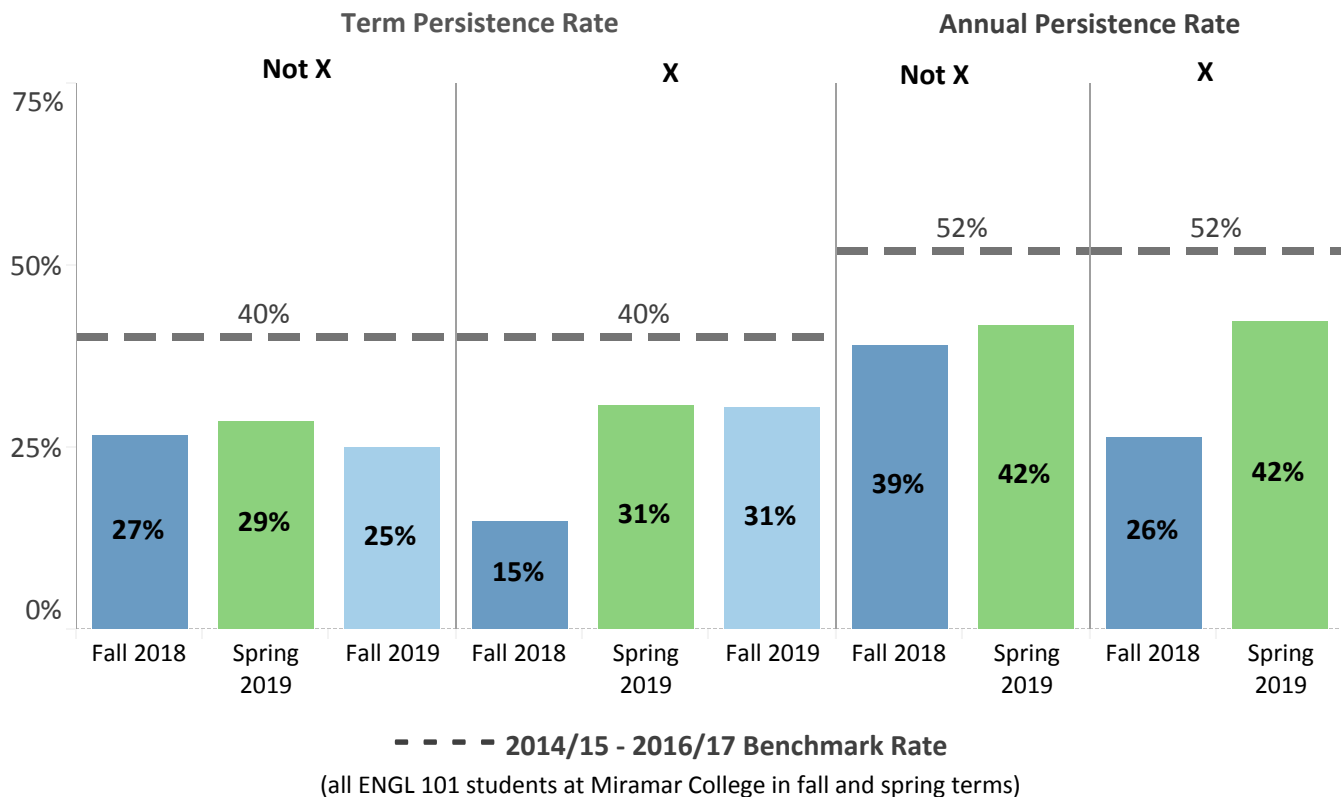
Table 3
ENGL 101 Term Persistent Enrollment Outcomes

Cohort	Cohort Outcome	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Succeeded	253	70	233	66	92%	94%	221	64	87%	91%
	Failed	41	7	31	4	76%	57%	18	2	44%	29%
	Total	**294**	**77**	**264**	**70**	**90%**	**91%**	**239**	**66**	**81%**	**86%**
Spring 2019	Succeeded	114	60	95	53	83%	88%	87	46	76%	77%
	Failed	58	28	43	25	74%	89%	30	20	52%	71%
	Total	**172**	**88**	**138**	**78**	**80%**	**89%**	**117**	**66**	**68%**	**75%**
Grand Total		**466**	**165**	**402**	**148**	**86%**	**90%**	**356**	**132**	**76%**	**80%**
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 whoThe 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 4
ENGL 101 Annual Persistent Enrollment Outcomes

Cohort	Cohort Outcome	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Succeeded	325	87	295	82	91%	94%	277	79	85%	91%
	Failed	73	13	61	9	84%	69%	41	5	56%	38%
Grand Total		**398**	**100**	**356**	**91**	**89%**	**91%**	**318**	**84**	**80%**	**84%**
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%**	

Figure 5
ENGL 101 Term Persistence Outcomes:
Cohort Class Succeeded
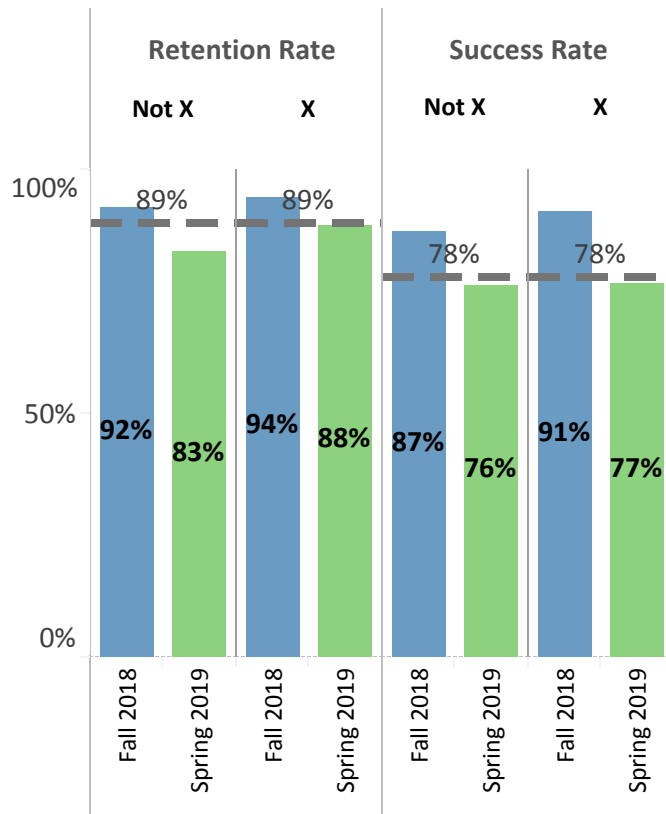
Figure 6
ENGL 101 Term Persistence Outcomes:
Cohort Class Failed
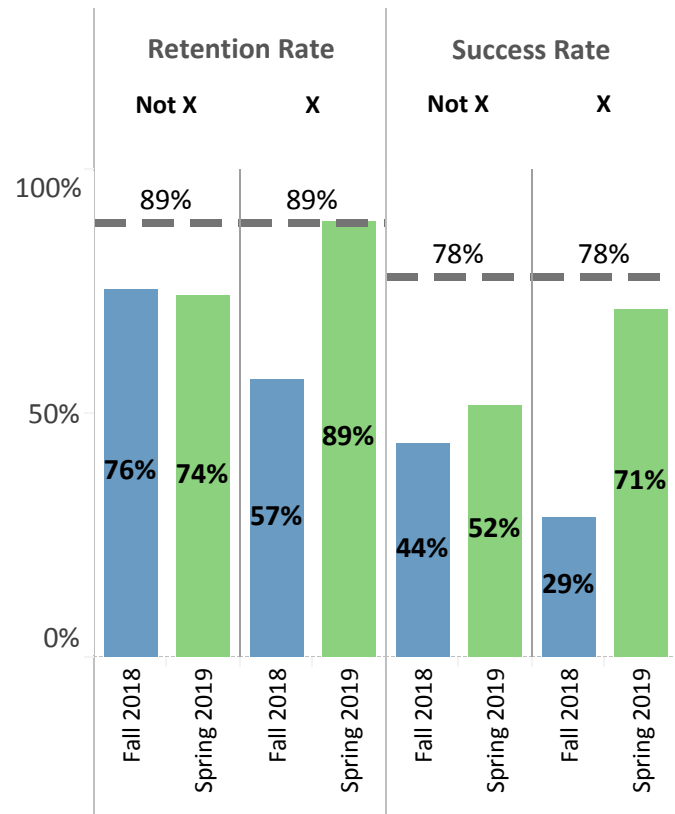
- - - - 2014/15 - 2016/17 Benchmark Rate
(all ENGL 101 students at Miramar College in fall and spring terms)

Figure 7
ENGL 101 Annual Persistence Outcomes for Fall 2018 Cohorts by Cohort Outcomes
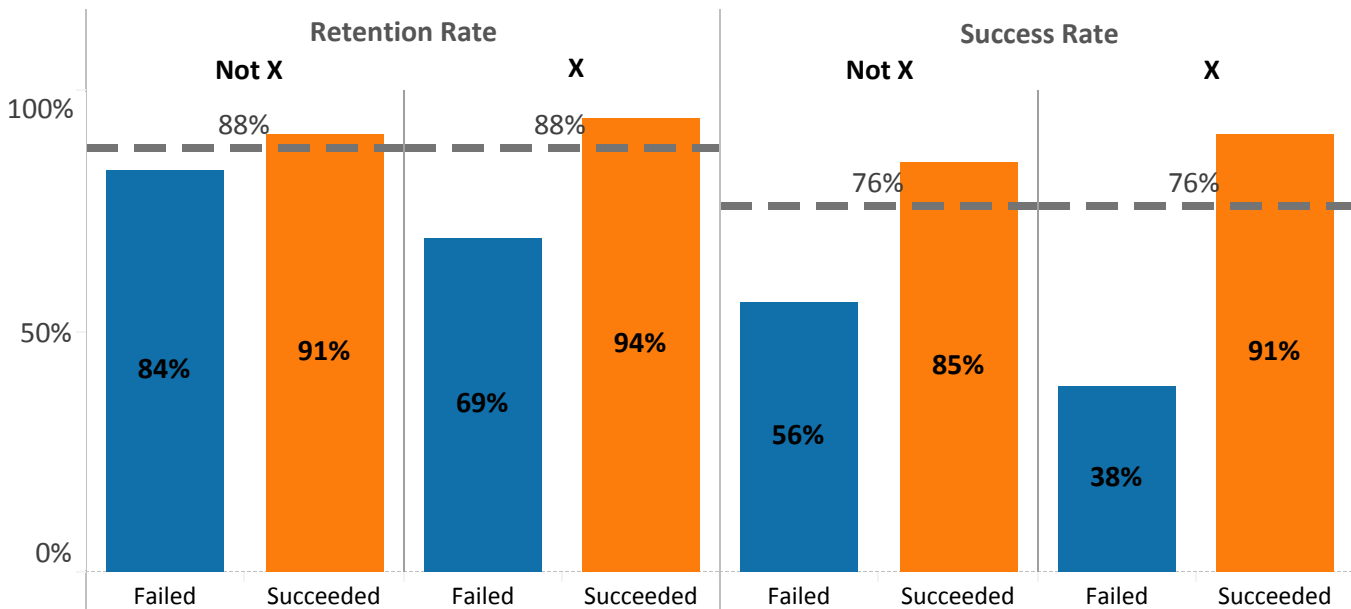
- - - - 2014/15 - 2016/17 Benchmark Rate
(all ENGL 101 students at Miramar College in fall and spring terms)

Table 5
ENGL 101 Course Repetition Rates

Cohort	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
	Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	146	34	37	3	25%	9%	54	7	37%	21%
Spring 2019	192	52	52	14	27%	27%	76	20	40%	38%
Fall 2019	192	49	33	12	17%	24%				
Grand Total	**530**	**135**	**122**	**29**	**23%**	**21%**	**130**	**27**	**38%**	**31%**
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 Outcomes

Cohort	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
	Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	38	3	30	2	79%	67%	17	1	45%	33%
Spring 2019	51	14	38	11	75%	79%	26	10	51%	71%
Grand Total	**89**	**17**	**68**	**13**	**76%**	**76%**	**43**	**11**	**48%**	**65%**
Benchmark	**329**		**256**		**78%**		**180**		**55%**	

Table 7
ENGL 101 Annual Course Repetition Outcomes

Cohort	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
	Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	60	7	50	5	83%	71%	31	3	52%	43%
Grand Total	**60**	**7**	**50**	**5**	**83%**	**71%**	**31**	**3**	**52%**	**43%**
Benchmark	**551**		**423**		**77%**		**291**		**53%**	

Figure 8
ENGL 101 Cohort Course Repetition Rates

Term Repetition Rate

Not X — Fall 2018: 25%, Spring 2019: 27%, Fall 2019: 17%
X — Fall 2018: 9%, Spring 2019: 27%, Fall 2019: 24%
Benchmark: 31%

Annual Repetition Rate

Not X — Fall 2018: 37%, Spring 2019: 40%
X — Fall 2018: 21%, Spring 2019: 38%
Benchmark: 47%

- - - - 2014/15 - 2016/17 Benchmark Rate

(all ENGL 101 students at Miramar College in fall and spring terms)

Figure 9
ENGL 101 Term Course Repetition Outcomes

Retention Rate

Not X — Fall 2018: 79%, Spring 2019: 75%
X — Fall 2018: 67%, Spring 2019: 79%
Benchmark: 78%

Success Rate

Not X — Fall 2018: 45%, Spring 2019: 51%
X — Fall 2018: 33%, Spring 2019: 71%
Benchmark: 55%

- - - - 2014/15 - 2016/17 Benchmark Rate

(all ENGL 101 students at Miramar College in fall and spring terms)
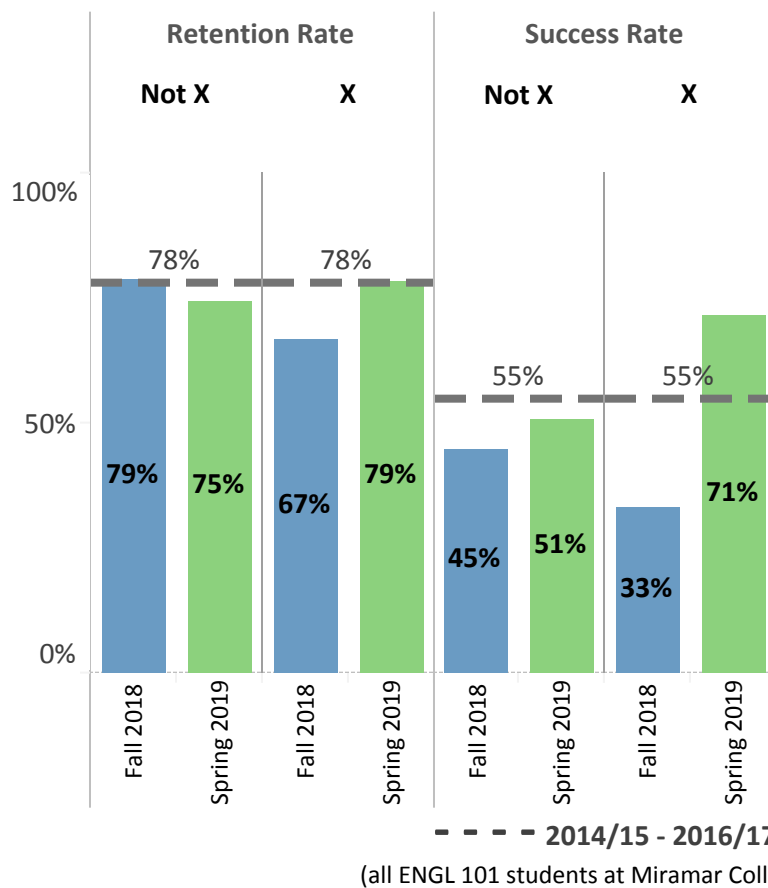
Figure 10
ENGL 101 Annual Course Repetition Outcomes

Retention Rate

Not X — Fall 2018: 83%
X — Fall 2018: 71%
Benchmark: 77%

Success Rate

Not X — Fall 2018: 52%
X — Fall 2018: 43%
Benchmark: 53%
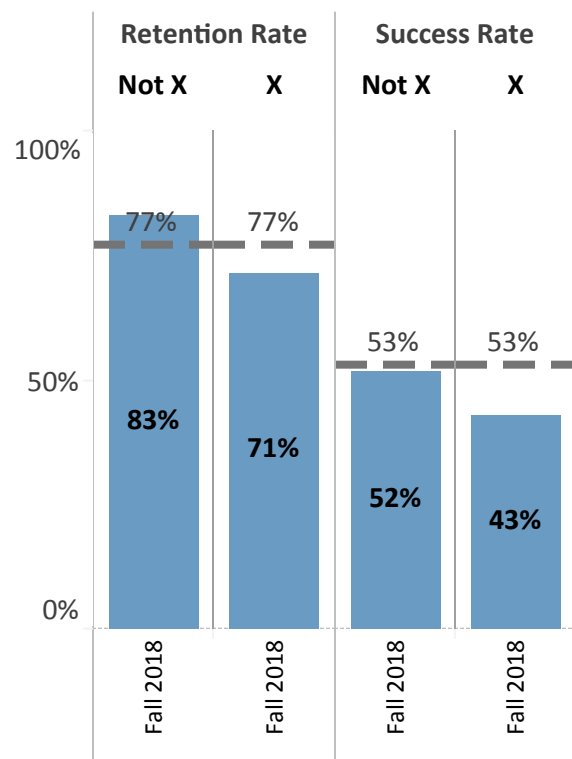
MATH 96/X, 116/X, & 119/X Aggregated Outcomes and Persistence

Table 8
MATH 96, 116 & 119 Cohort Outcomes

Cohort	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
	Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	430	86	359	72	83%	84%	241	58	56%	67%
Spring 2019	803	255	672	213	84%	84%	499	145	62%	57%
Fall 2019	993	388	820	340	83%	88%	570	219	57%	56%
Grand Total	**2,226**	**729**	**1,851**	**625**	**83%**	**86%**	**1,310**	**422**	**59%**	**58%**
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 terms from 2014/15 - 2016/17.

Table 9
MATH 96, 116 & 119 Persistence Rates

Cohort	Cohort Outcome	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Succeeded	241	58	121	37	50%	64%	141	40	59%	69%
	Failed	189	28	78	10	41%	36%	90	12	48%	43%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Succeeded	499	145	128	50	26%	34%	156	64	31%	44%
	Failed	304	110	110	42	36%	38%	143	53	47%	48%
	Total	**803**	**255**	**238**	**92**	**30%**	**36%**	**299**	**117**	**37%**	**46%**
Fall 2019	Succeeded	570	219	196	66	34%	30%				
	Failed	423	169	121	54	29%	32%				
	Total	**993**	**388**	**317**	**120**	**32%**	**31%**				
Grand Total		**2,226**	**729**	**754**	**259**	**34%**	**36%**	**530**	**169**	**43%**	**50%**
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%**	

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.

Figure 11
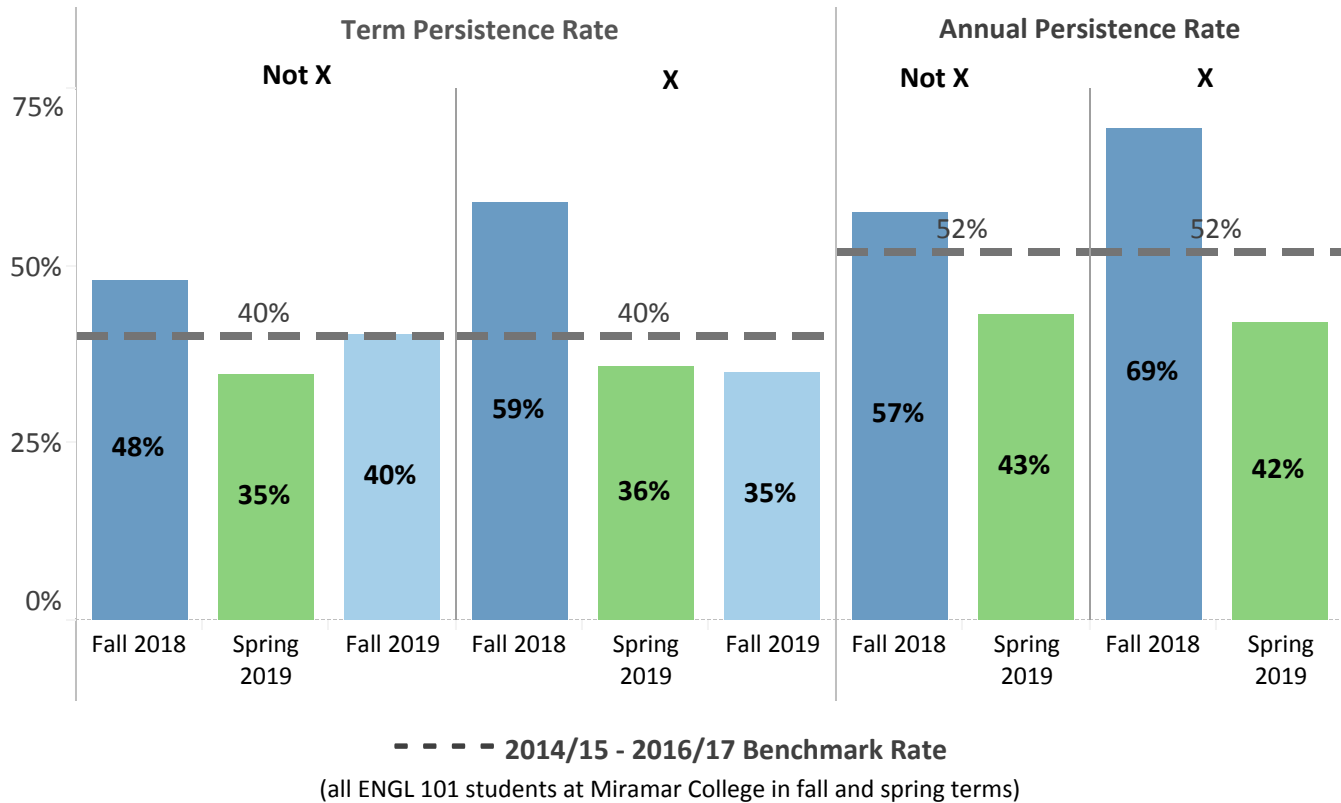*MATH 96, 116 & 119 Cohort Outcomes*

- - - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 96, 116, & 119 students at Miramar College in fall and spring terms)

Figure 12
MATH 96, 116 & 119 Persistence Rates: All Students

- - - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 96, 116, & 119 students at Miramar College in fall and spring terms)

Figure 13
MATH 96, 116 & 119 Persistence Rates: Cohort Class Succeeded

(all MATH 96, 116, & 119 students at Miramar College in fall and spring terms)
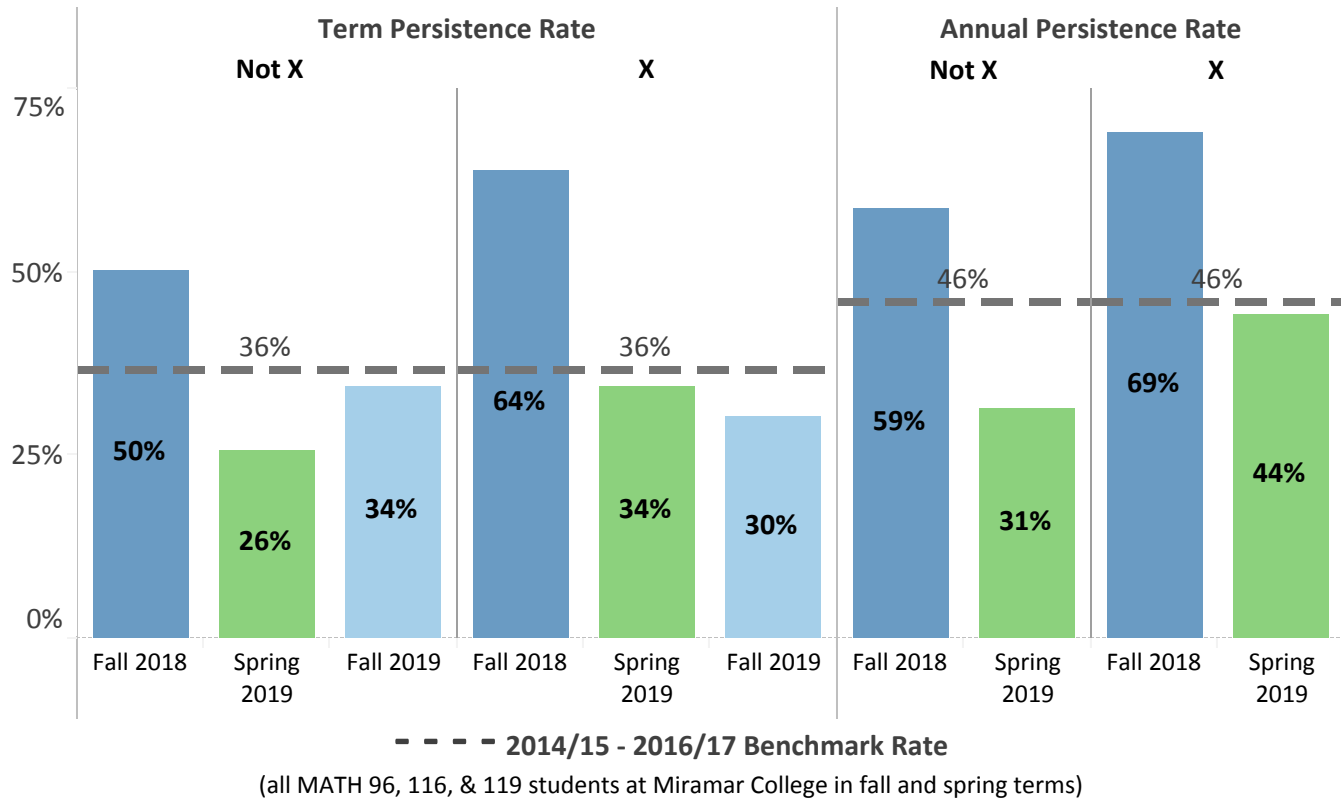
Figure 14
MATH 96, 116 & 119 Persistence Rates: Cohort Class Failed

(all MATH 96, 116, & 119 students at Miramar College in fall and spring terms)
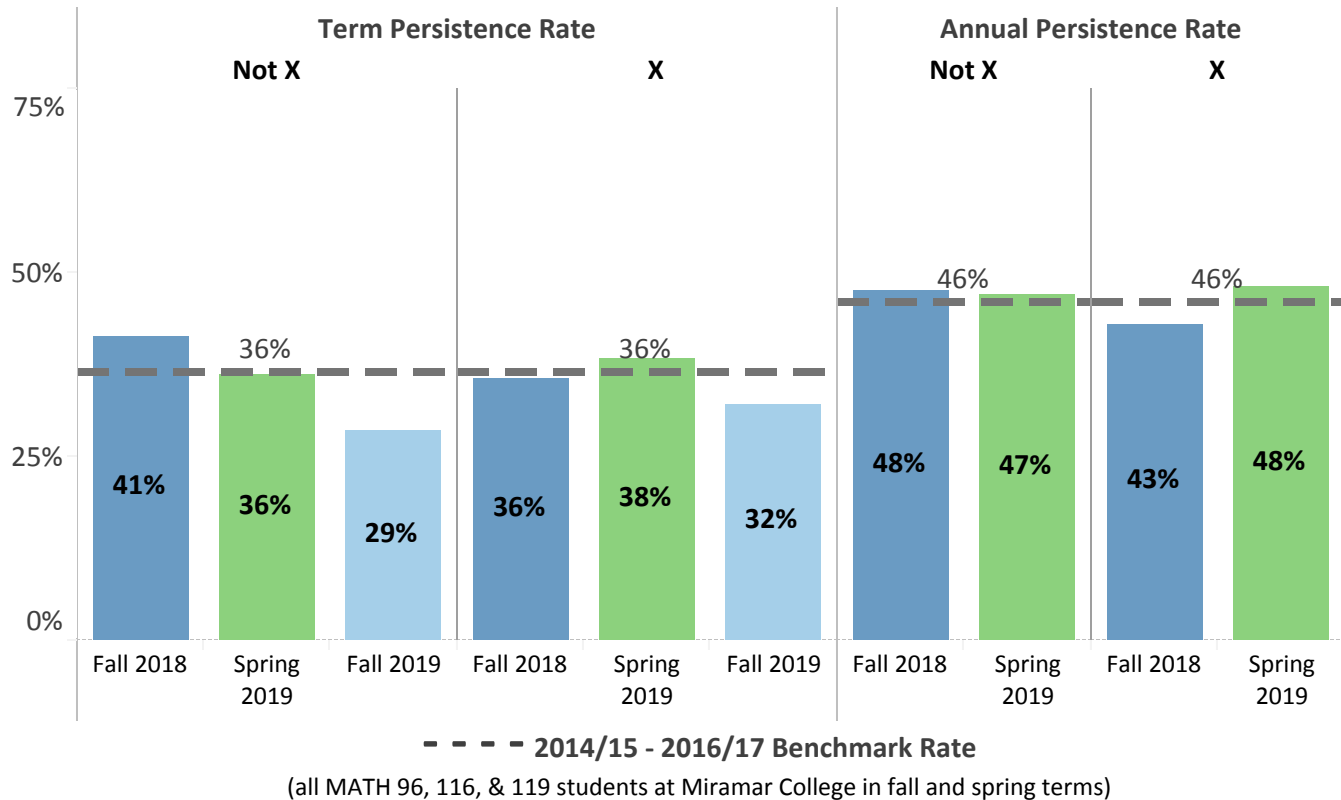
Table 10
MATH 96, 116 & 119 Term Persistent Enrollment Outcomes

Cohort	Cohort Outcome	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Succeeded	128	48	109	40	85%	83%	85	27	66%	56%
	Failed	93	17	66	8	71%	47%	38	6	41%	35%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Succeeded	156	67	126	54	81%	81%	111	40	71%	60%
	Failed	133	61	106	47	80%	77%	75	29	56%	48%
	Total	**289**	**128**	**232**	**101**	**80%**	**79%**	**186**	**69**	**64%**	**54%**
Grand Total		**510**	**193**	**407**	**149**	**80%**	**77%**	**309**	**102**	**61%**	**53%**
Benchmark	Succeeded	2,065		1,795		87%		1,491		72%	
		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 11
*MATH 96, 116 & 119 Annual Persistent Enrollment Outcomes*

Cohort	Cohort Outcome	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Succeeded	213	78	179	65	84%	83%	143	49	67%	63%
	Failed	144	27	109	15	76%	56%	68	10	47%	37%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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.

Figure 15
MATH 96, 116 & 119 Term Persistence Outcomes: Cohort Class Succeeded
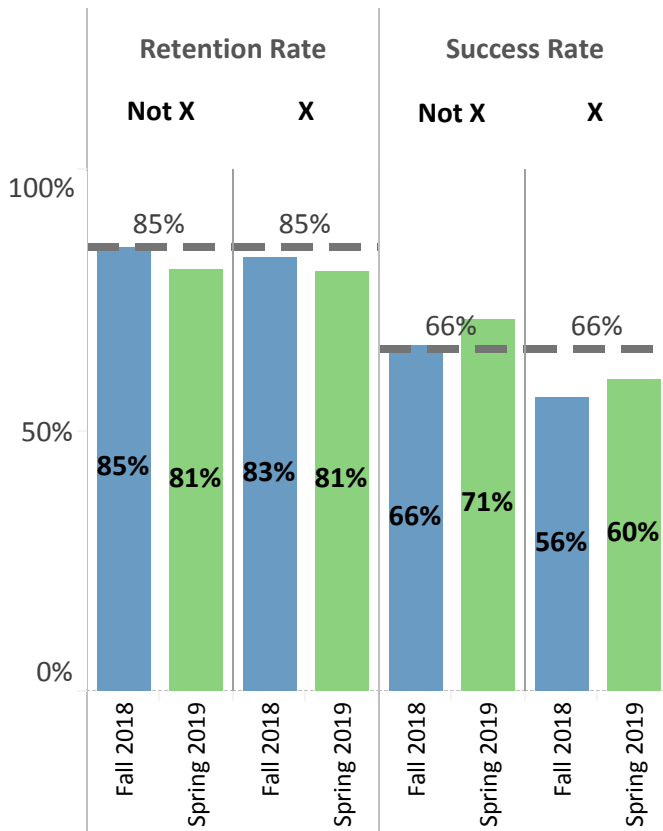
(all MATH 96, 116, & 119 students at Miramar College in fall and spring terms - MATH 96 only for annual outcomes)

Figure 16
MATH 96, 116 & 119 Term Persistence Outcomes: Cohort Class Failed
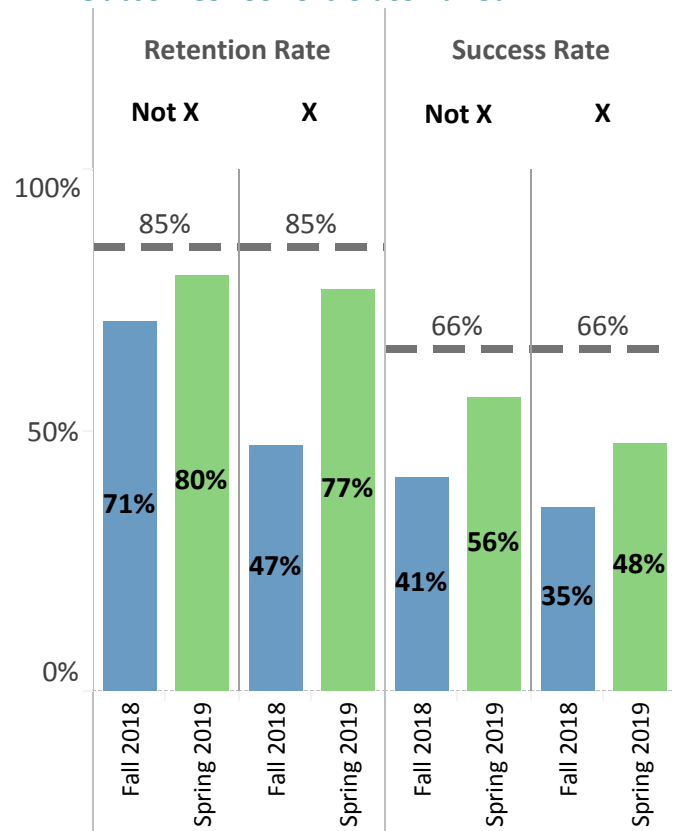
Figure 17
MATH 96, 116 & 119 Annual Ppersistence Outcomes for Fall 2018 Cohorts by Cohort Outcomes
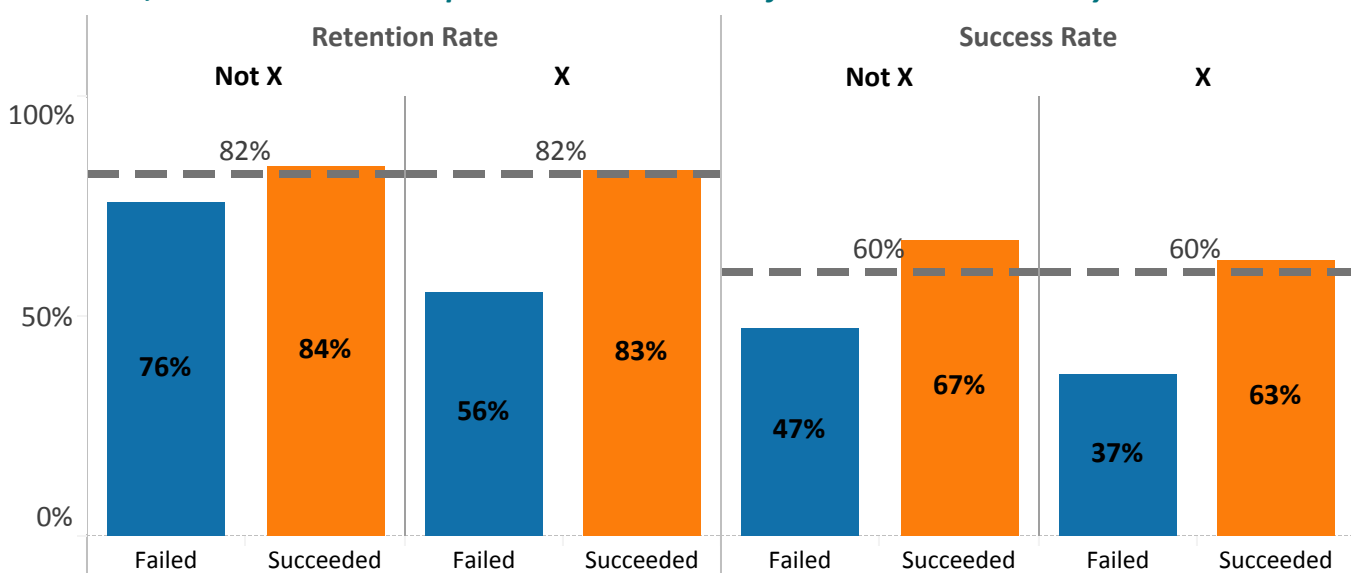
(all MATH 96, 116, & 119 students at Miramar College in fall and spring terms - MATH 96 only for annual outcomes)

Table 12
MATH 96, 116 & 119 Course Repetition Rates

Cohort	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
	Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	189	28	57	3	30%	11%	65	3	34%	11%
Spring 2019	304	110	87	27	29%	25%	113	32	37%	29%
Fall 2019	423	169	79	33	19%	20%				
Grand Total	**916**	**307**	**223**	**63**	**24%**	**21%**	**178**	**35**	**36%**	**25%**
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 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.
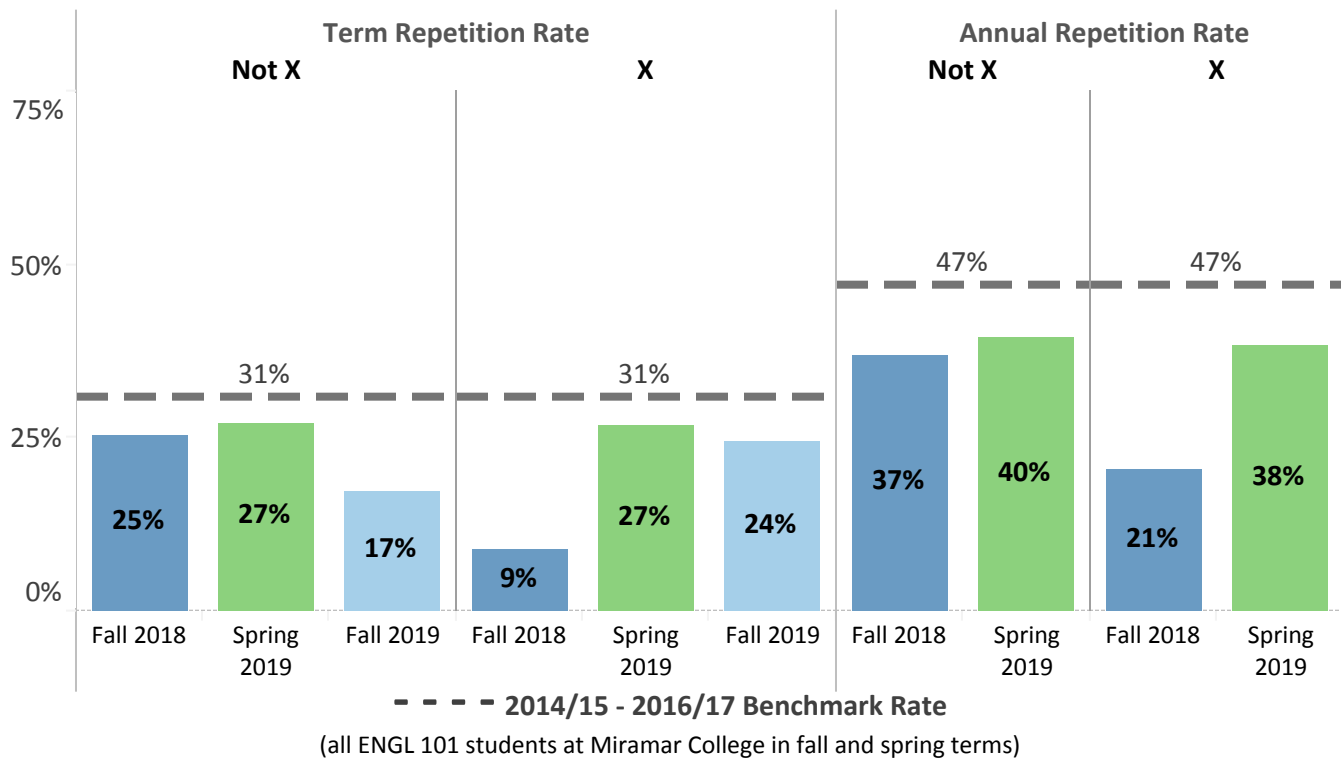
Table 13
MATH 96, 116 & 119 Term Course Repetition Outcomes

Cohort	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
	Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	57	3	39	3	68%	100%	22	2	39%	67%
Spring 2019	88	27	71	21	81%	78%	49	12	56%	44%
Grand Total	**145**	**30**	**110**	**24**	**76%**	**80%**	**71**	**14**	**49%**	**47%**
Benchmark	**757**		**630**		**83%**		**417**		**55%**	

Table 14
MATH 96, 116 & 119 Annual Course Repetition Outcomes

Cohort	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
	Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	69	3	49	3	71%	100%	28	2	41%	67%
Grand Total	**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**67%**
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.

Figure 18
MATH 96, 116 & 119 Cohort Course Repetition Rates
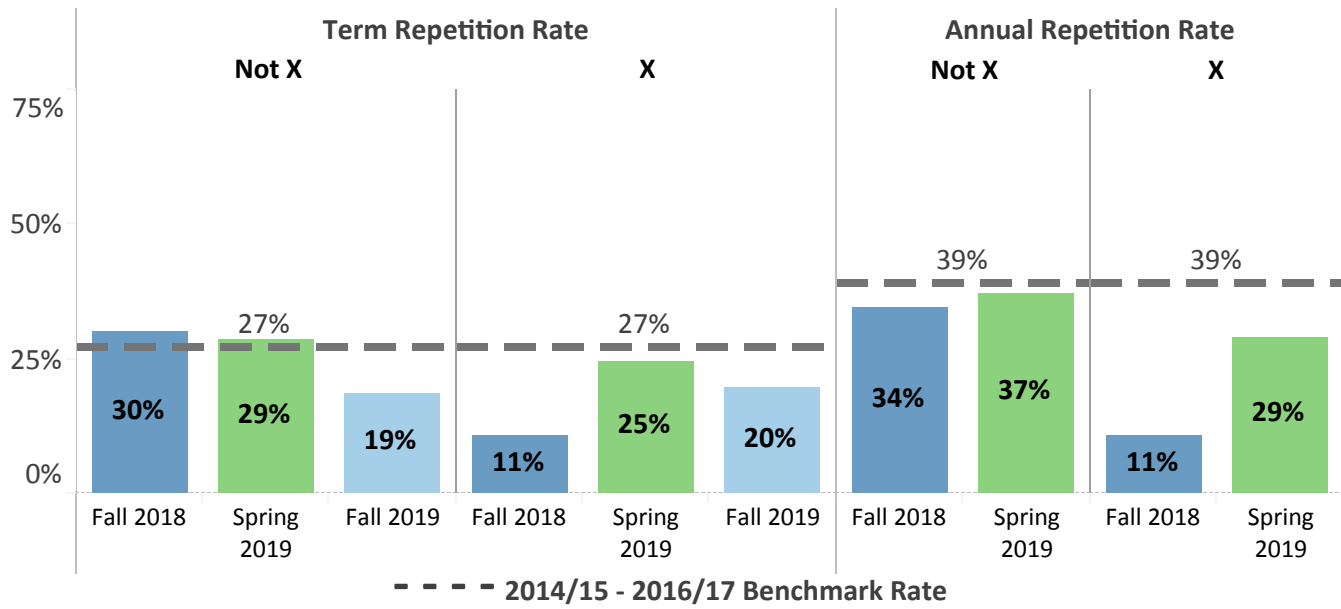
(all MATH 96, 116, & 119 students at Miramar College in fall and spring terms - MATH 96 only for annual outcomes)

Figure 19
MATH 96, 116 & 119 Term Course Repetition Outcomes
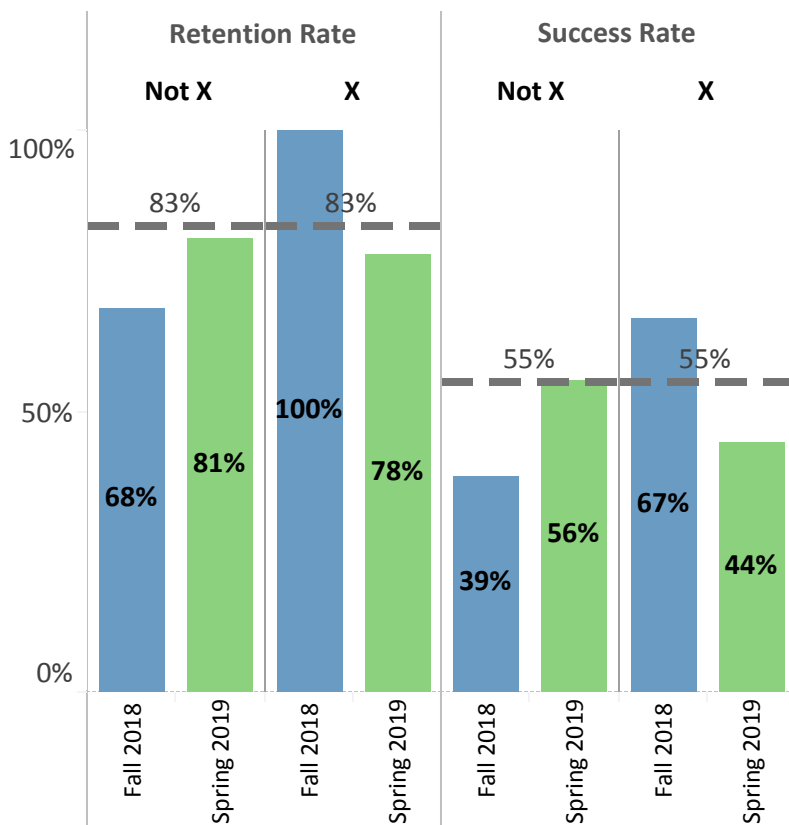
Figure 20
MATH 96, 116 & 119 Annual Course Repetition Outcomes

(all MATH 96, 116, & 119 students at Miramar College in fall and spring terms - MATH 96 only for annual outcomes)
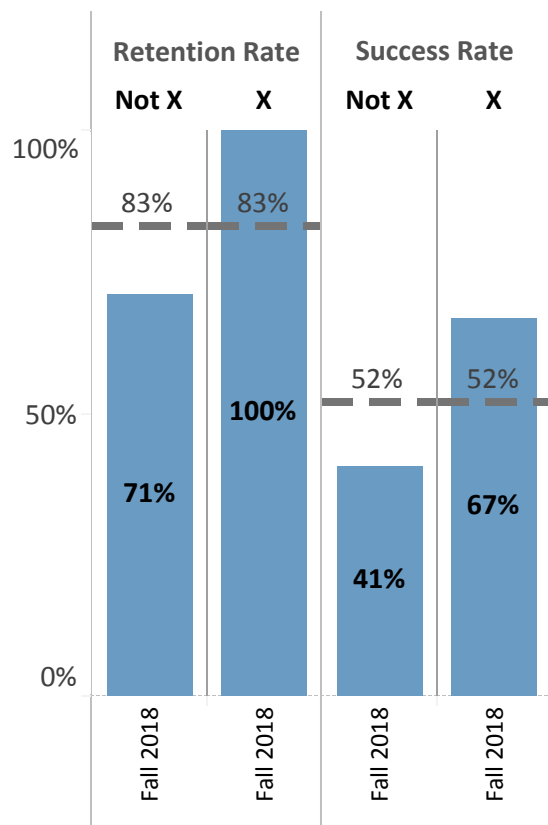
MATH 96 & 96X Outcomes and Persistence

Table 15
MATH 96 Cohort Outcomes

Cohort	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
	Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	430	86	359	72	83%	84%	241	58	56%	67%
Spring 2019	264	114	215	97	81%	85%	145	65	55%	57%
Fall 2019	341	138	282	119	83%	86%	158	78	46%	57%
Grand Total	**1,035**	**338**	**856**	**288**	**83%**	**85%**	**544**	**201**	**53%**	**59%**
Benchmark	**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.
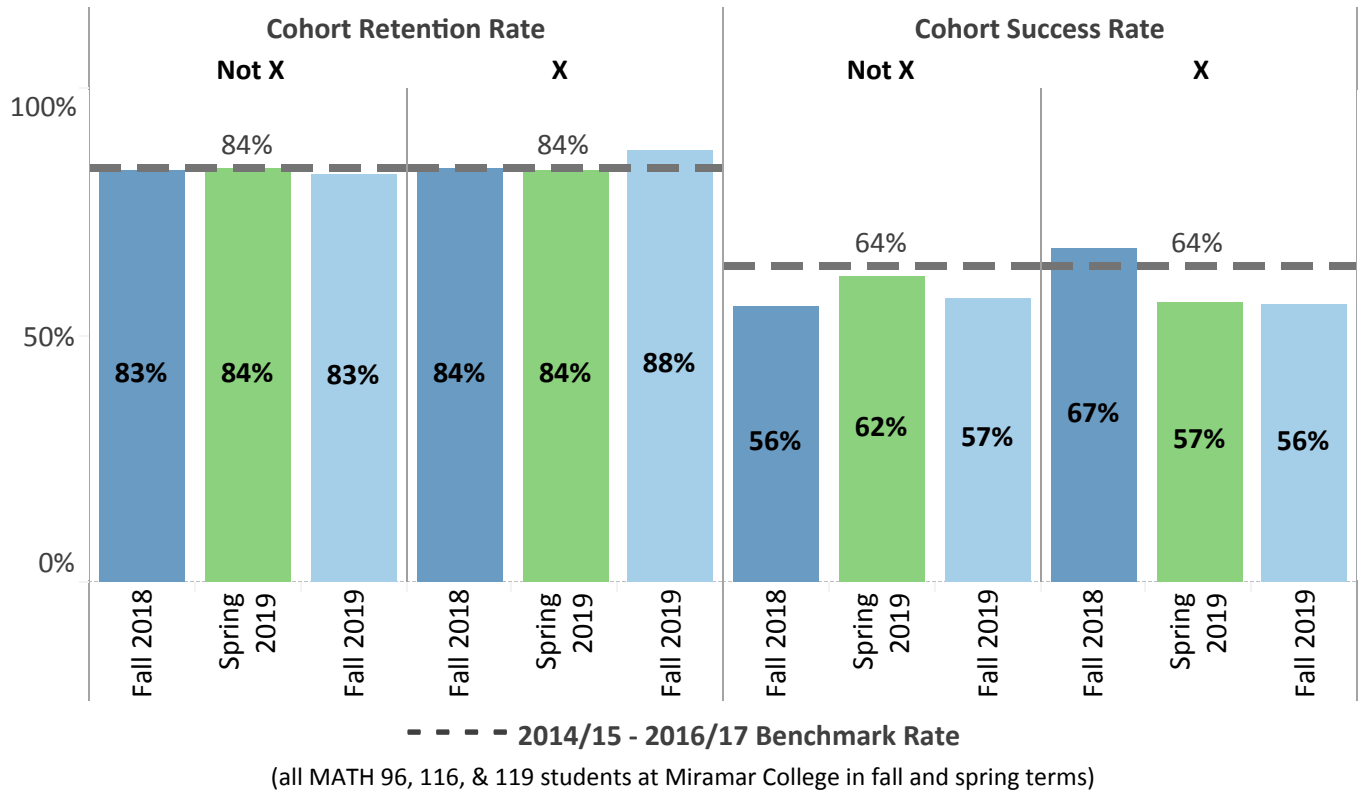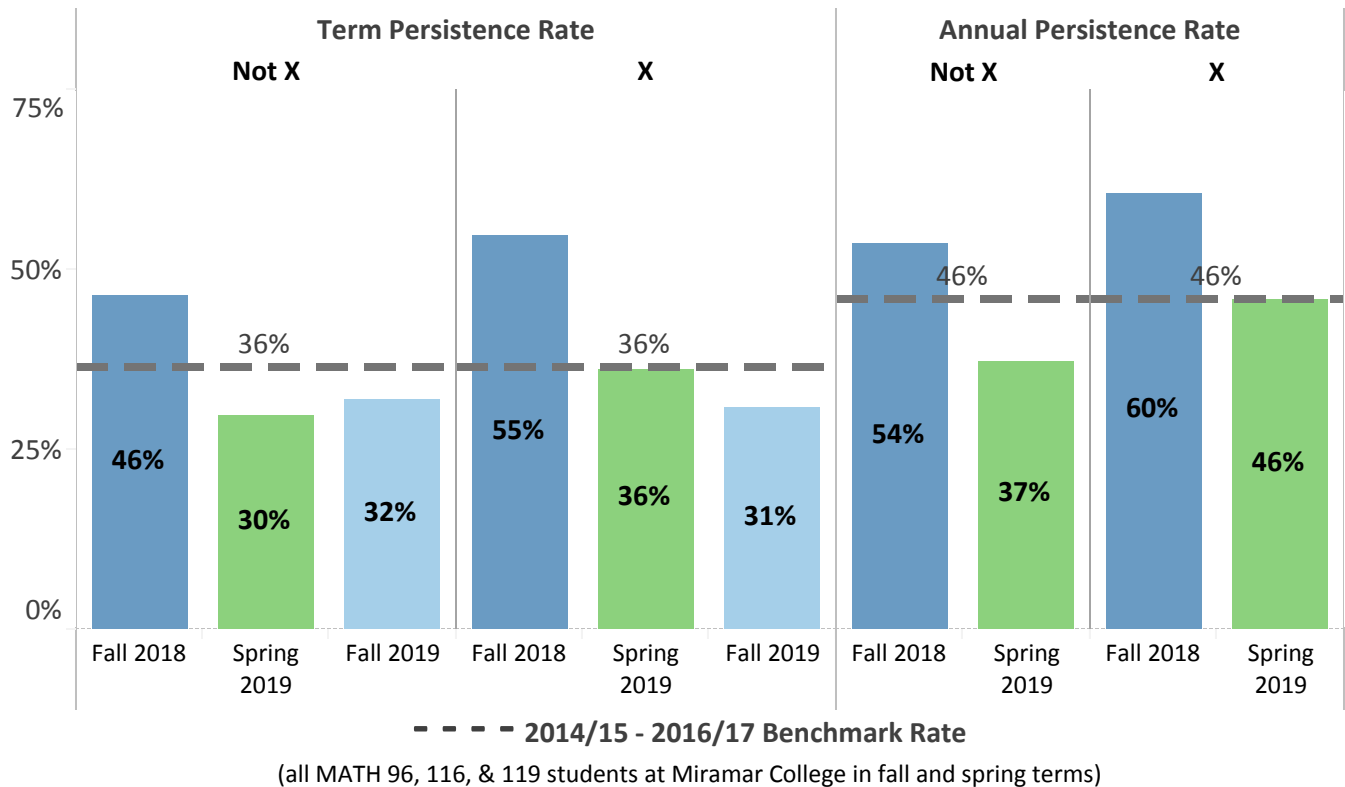
Table 16
MATH 96 Persistence Rates

Cohort	Cohort Outcome	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Succeeded	241	58	121	37	50%	64%	141	40	59%	69%
	Failed	189	28	78	10	41%	36%	90	12	48%	43%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Succeeded	145	65	52	33	36%	51%	60	40	41%	62%
	Failed	119	49	41	15	34%	31%	53	20	45%	41%
	Total	**264**	**114**	**93**	**48**	**35%**	**42%**	**113**	**60**	**43%**	**53%**
Fall 2019	Succeeded	158	78	59	38	37%	49%				
	Failed	183	60	58	21	32%	35%				
	Total	**341**	**138**	**117**	**59**	**34%**	**43%**				
Grand Total		**1,035**	**338**	**409**	**154**	**40%**	**46%**	**344**	**112**	**50%**	**56%**
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 of fall is considered "next term". For fall, the next term is spring.

Figure 21
MATH 96 Cohort Outcomes

(all MATH 96 students at Miramar College in fall and spring terms)
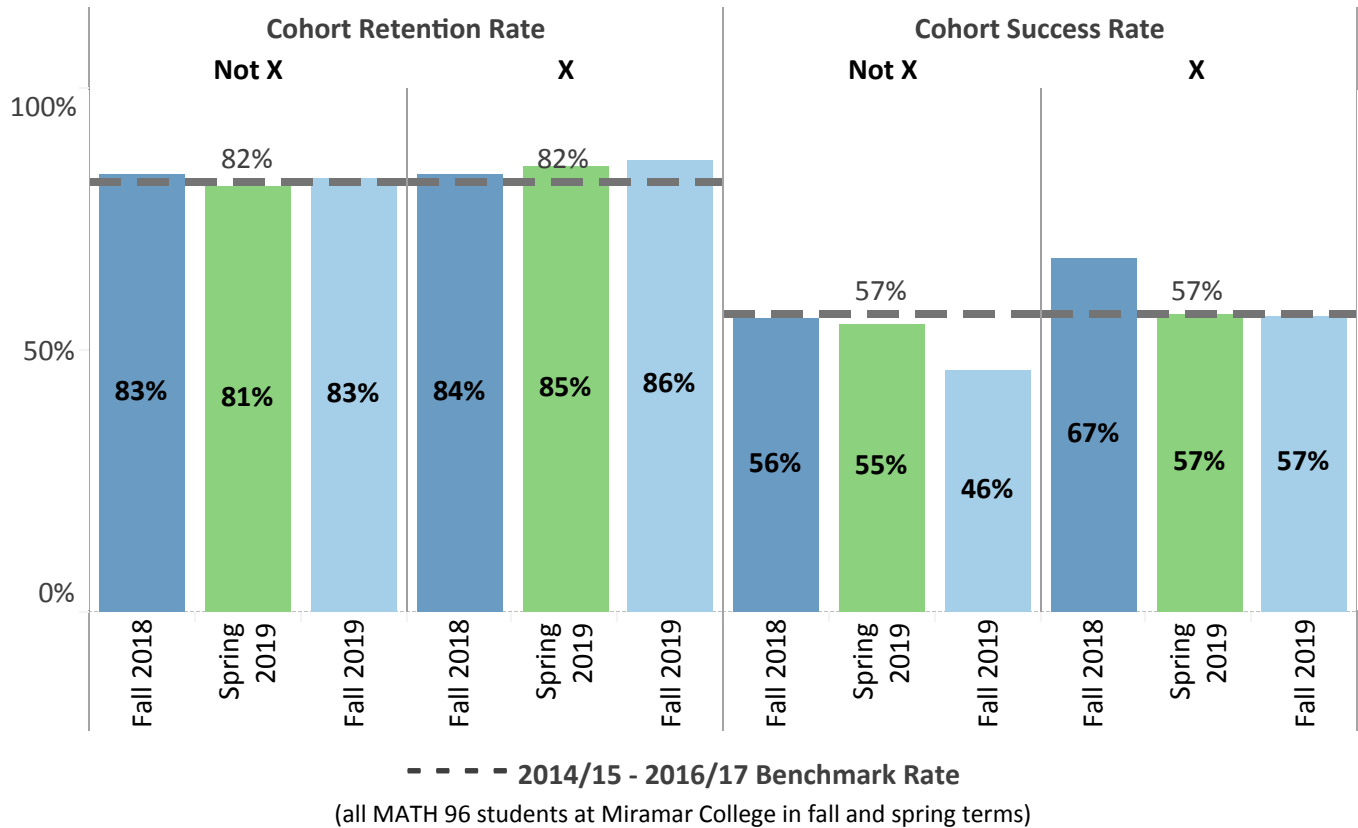
Figure 22
MATH 96 Persistence Rates: All Students

(all MATH 96 students at Miramar College in fall and spring terms)
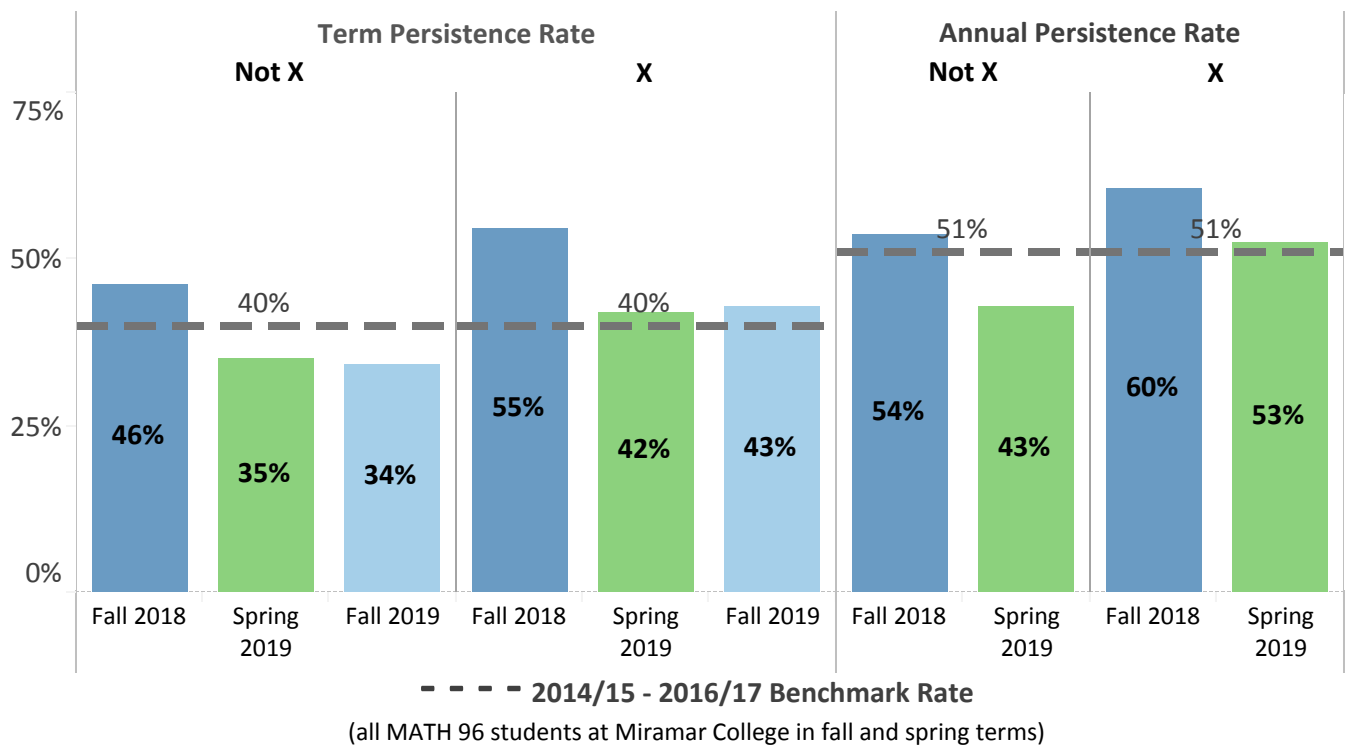
Figure 23
MATH 96 Persistence Rates: Cohort Class Succeeded

Term Persistence Rate | Annual Persistence Rate

Not X | X | Not X | X

Fall 2018: 50% | Spring 2019: 36% | Fall 2019: 37% | Fall 2018: 64% | Spring 2019: 51% | Fall 2019: 49% | Fall 2018: 59% | Spring 2019: 41% | Fall 2018: 69% | Spring 2019: 62%

40% — 40% — 51% — 51%

- - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 96 students at Miramar College in fall and spring terms)
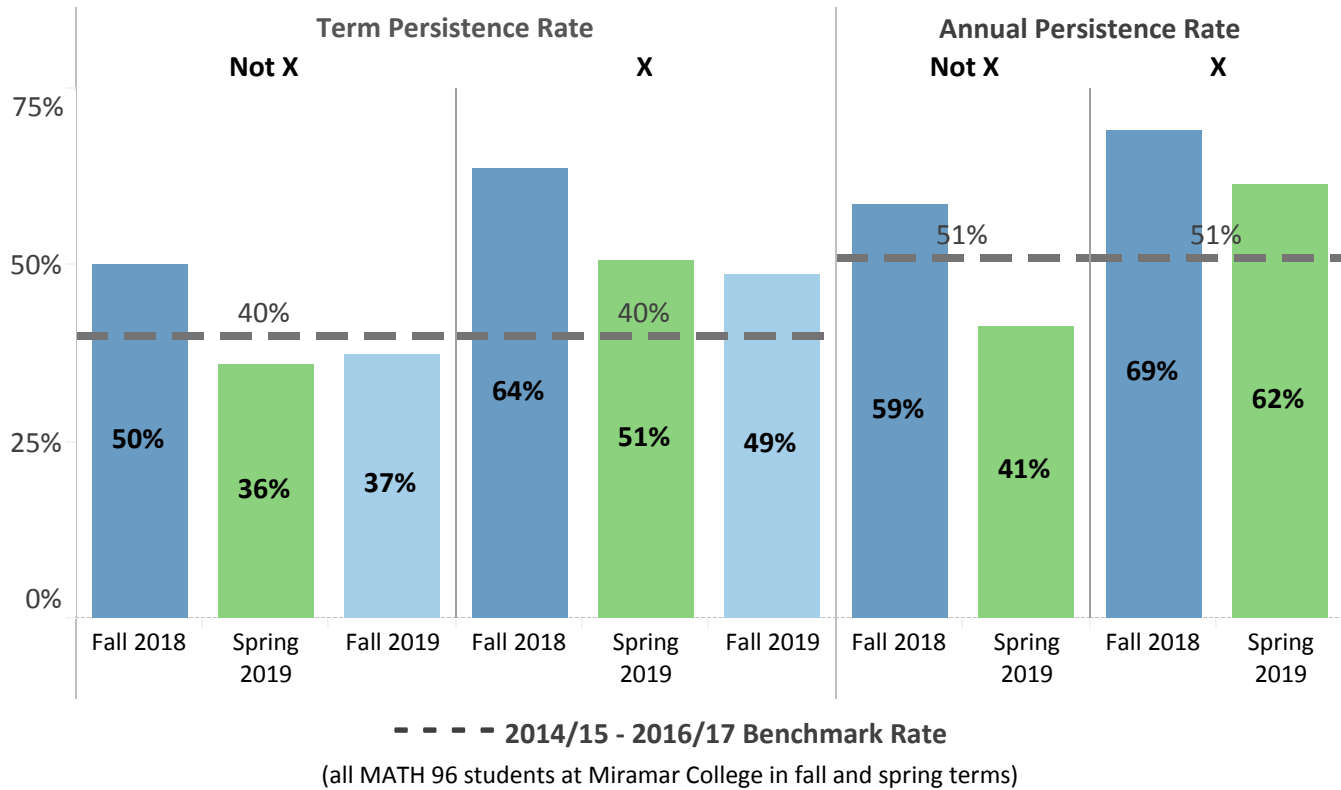
Figure 24
MATH 96 Persistence Rates: Cohort Class Failed

Term Persistence Rate | Annual Persistence Rate

Not X | X | Not X | X

Fall 2018: 41% | Spring 2019: 34% | Fall 2019: 32% | Fall 2018: 36% | Spring 2019: 31% | Fall 2019: 35% | Fall 2018: 48% | Spring 2019: 45% | Fall 2018: 43% | Spring 2019: 41%

40% — 40% — 51% — 51%

- - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 96 students at Miramar College in fall and spring terms)
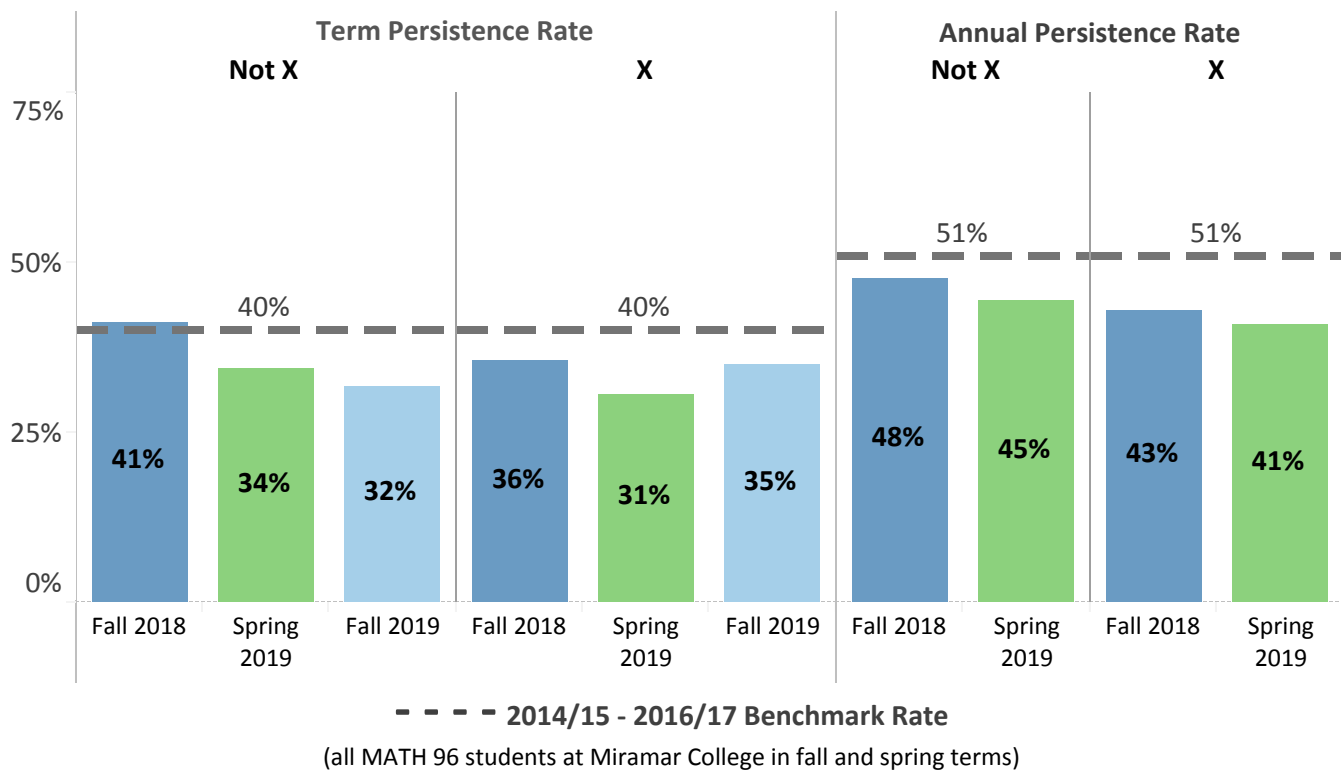
Table 17
MATH 96 Term Persistent Enrollment Outcomes

Cohort	Cohort Outcome	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Succeeded	128	48	109	40	85%	83%	85	27	66%	56%
	Failed	93	17	66	8	71%	47%	38	6	41%	35%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Succeeded	65	47	51	37	78%	79%	45	26	69%	55%
	Failed	51	20	39	14	76%	70%	27	4	53%	20%
	Total	**116**	**67**	**90**	**51**	**78%**	**76%**	**72**	**30**	**62%**	**45%**
Grand Total		**337**	**132**	**265**	**99**	**79%**	**75%**	**195**	**63**	**58%**	**48%**
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.

## Table 18
MATH 96 Annual Persistent Enrollment Outcomes

Cohort	Cohort Outcome	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Succeeded	213	78	179	65	84%	83%	143	49	67%	63%
	Failed	144	27	109	15	76%	56%	68	10	47%	37%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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%**	

Figure 25
MATH 96 Term Persistence Outcomes: Cohort Class Succeeded

Figure 26
MATH 96 Term Persistence Cutcomes: Cohort Class Failed

- - - - **2014/15 - 2016/17 Benchmark Rate**
(all MATH 96 students at Miramar College in fall and spring terms)
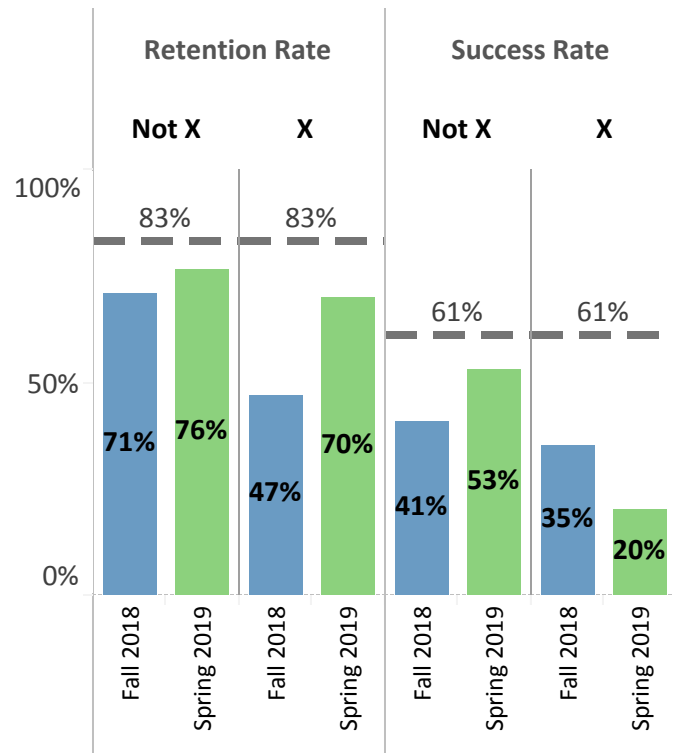
Figure 27
MATH 96 Annual Persistence Outcomes for Fall 2018 Cohorts by Cohort Outcomes
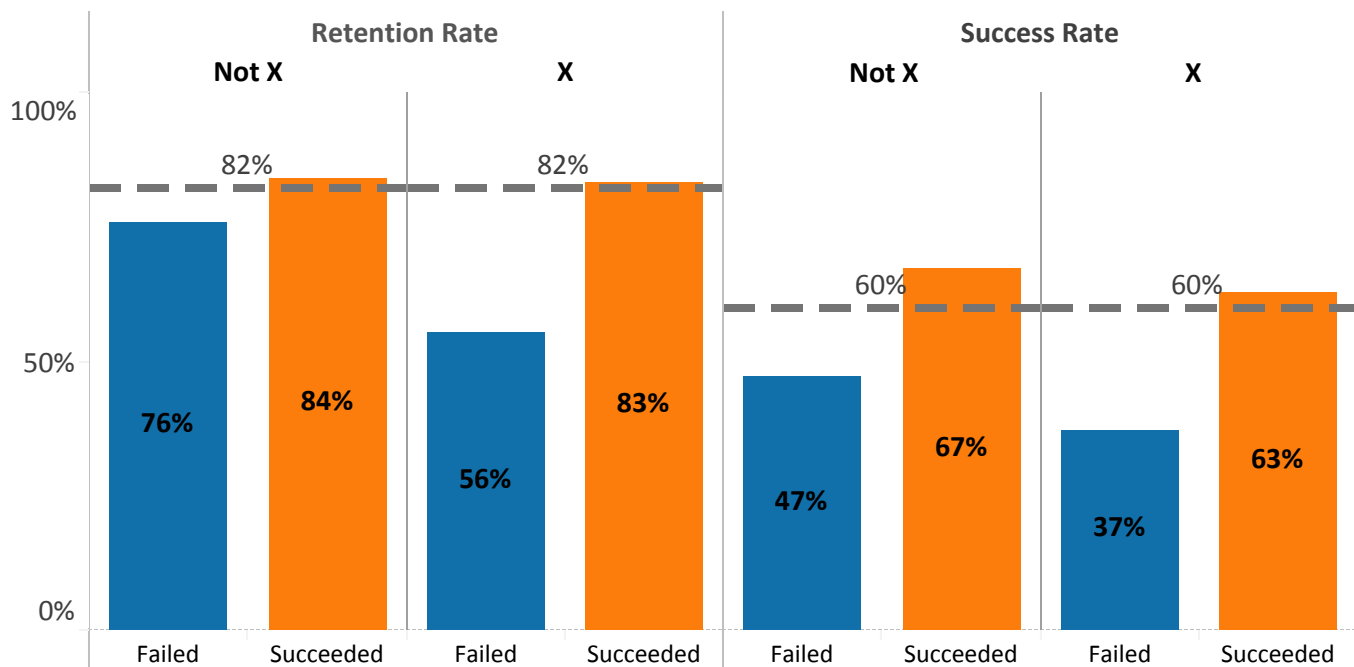
Table 19
MATH 96 Course Repetition Rates

	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
Cohort	Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	189	28	57	3	30%	11%	65	3	34%	11%
Spring 2019	119	49	30	8	25%	16%	42	10	35%	20%
Fall 2019	183	60	35	10	19%	17%				
Grand Total	**491**	**137**	**122**	**21**	**25%**	**15%**	**107**	**13**	**35%**	**17%**
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 of fall is considered "next term". For fall, the next term is spring.

Table 20
MATH 96 Term Course Repetition Outcomes

	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
Cohort	Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	57	3	39	3	68%	100%	22	2	39%	67%
Spring 2019	30	8	23	6	77%	75%	13	0	43%	0%
Grand Total	**87**	**11**	**62**	**9**	**71%**	**82%**	**35**	**2**	**40%**	**18%**
Benchmark	**385**		**321**		**83%**		**196**		**51%**	

Table 21
MATH 96 Annual Course Repetition Outcomes

	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
Cohort	Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	69	3	49	3	71%	100%	28	2	41%	67%
Grand Total	**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**67%**
Benchmark	**616**		**514**		**83%**		**322**		**52%**	

Figure 28
MATH 96 Cohort Course Rrepetition Rates

Term Repetition Rate

Not X | X

Annual Repetition Rate

Not X | X

30% 25% 19% | 11% 16% 17% | 34% 35% | 11% 20%

28% 28% | 42% 42%

- - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 96 students at Miramar College in fall and spring terms)

Figure 29
MATH 96 Term Course Repetition Outcomes

Retention Rate | Success Rate

Not X | X | Not X | X

68% 77% 100% 75% | 39% 43% 67% 0%

83% 83% | 51% 51%
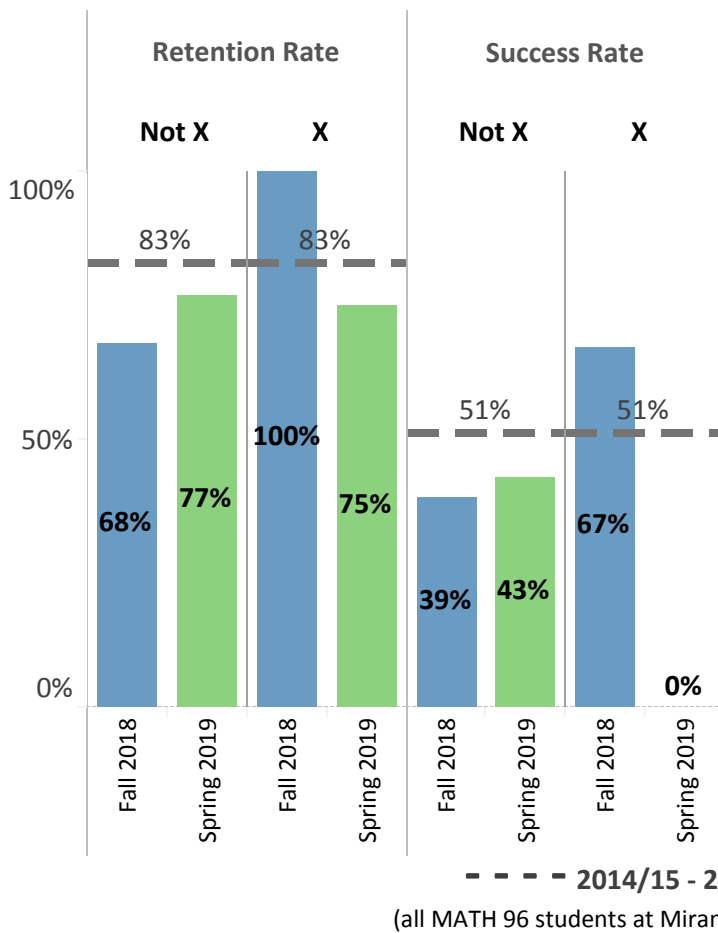
Figure 30
MATH 96 Annual Course Repetition Outcomes

Retention Rate | Success Rate

Not X | X | Not X | X

71% 100% | 41% 67%

83% 83% | 52% 52%

- - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 96 students at Miramar College in fall and spring terms)
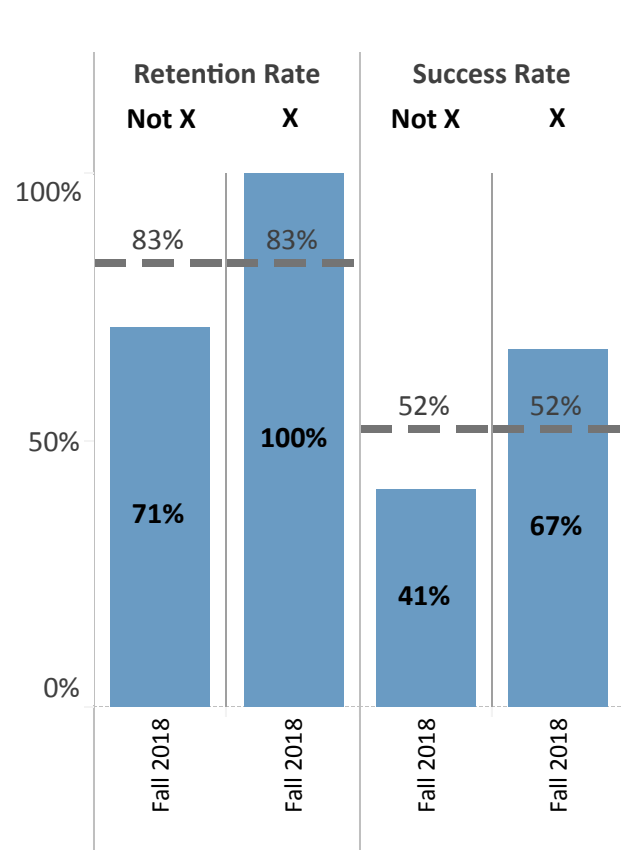
MATH 116 & 116X Outcomes and Persistence

Table 22
MATH 116 Cohort Outcomes

Cohort	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Spring 2019	169	26	142	25	84%	96%	111	17	66%	65%
Fall 2019	257	40	219	36	85%	90%	159	30	62%	75%
Grand Total	**426**	**66**	**361**	**61**	**85%**	**92%**	**270**	**47**	**63%**	**71%**
Benchmark	**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 23
MATH 116 Persistence Rates

Cohort	Cohort Outcome	Cohort Headcount Not X	Cohort Headcount X	Term Persistence Count Not X	Term Persistence Count X	Term Persistence Rate Not X	Term Persistence Rate X	Annual Persistence Count Not X	Annual Persistence Count X	Annual Persistence Rate Not X	Annual Persistence Rate X
Spring 2019	Succeeded	111	17	42	7	38%	41%	50	11	45%	65%
	Failed	58	9	27	3	47%	33%	34	3	59%	33%
	Total	**169**	**26**	**69**	**10**	**41%**	**38%**	**84**	**14**	**50%**	**54%**
Fall 2019	Succeeded	159	30	93	15	58%	50%				
	Failed	98	10	27	6	28%	60%				
	Total	**257**	**40**	**120**	**21**	**47%**	**53%**				
Grand Total		**426**	**66**	**189**	**31**	**44%**	**47%**	**84**	**14**	**50%**	**54%**
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 of fall is considered "next term". For fall, the next term is spring.

Figure 31
MATH 116 Cohort Outcomes

Cohort Retention Rate | Cohort Success Rate

Not X — Spring 2019: 84%, Fall 2019: 85%
X — Spring 2019: 96%, Fall 2019: 90%
Benchmark Rate: 83%

Not X — Spring 2019: 66%, Fall 2019: 62%
X — Spring 2019: 65%, Fall 2019: 75%
Benchmark Rate: 63%

- - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 116 students at Miramar College in fall and spring terms)
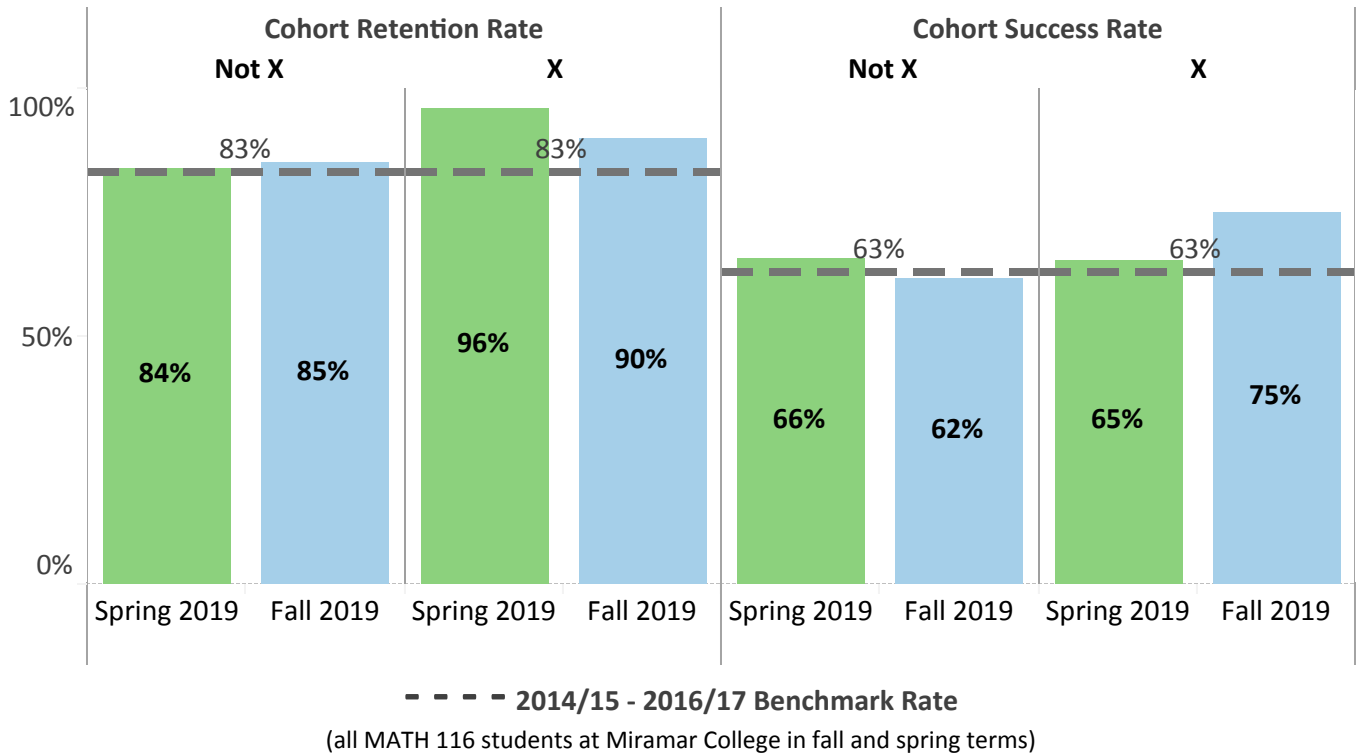
Figure 32
MATH 116 Persistence Rates: All Students

Term Persistence Rate | Annual Persistence Rate

Not X — Spring 2019: 41%, Fall 2019: 47%
X — Spring 2019: 38%, Fall 2019: 53%
Benchmark Rate: 47%

Not X — Spring 2019: 50%
X — Spring 2019: 54%
Benchmark Rate: 56%

- - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 116 students at Miramar College in fall and spring terms)
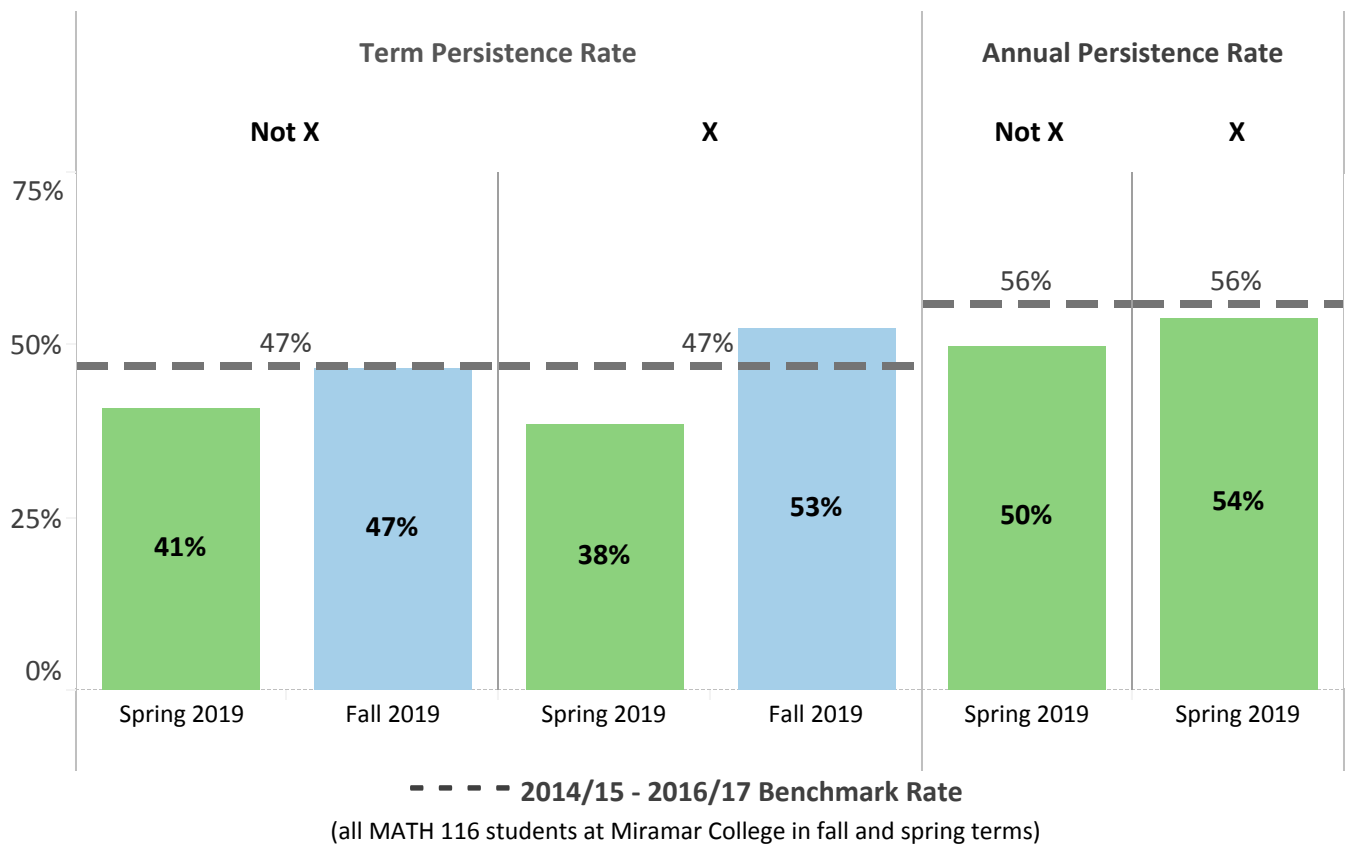
Figure 33
MATH 116 Persistence Rates: Cohort Class Succeeded

2014/15 - 2016/17 Benchmark Rate
(all MATH 116 students at Miramar College in fall and spring terms)
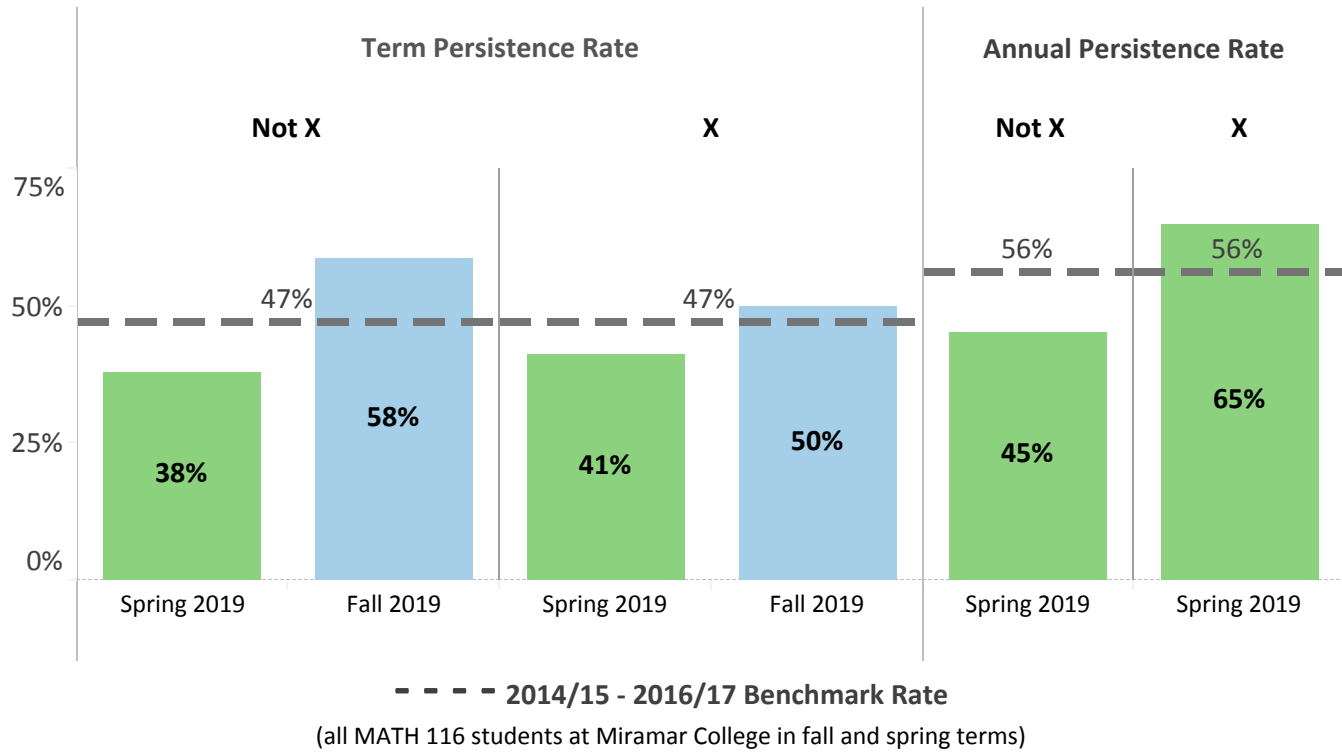
Figure 34
MATH 116 Persistence Rates: Cohort Class Failed

2014/15 - 2016/17 Benchmark Rate
(all MATH 116 students at Miramar College in fall and spring terms)
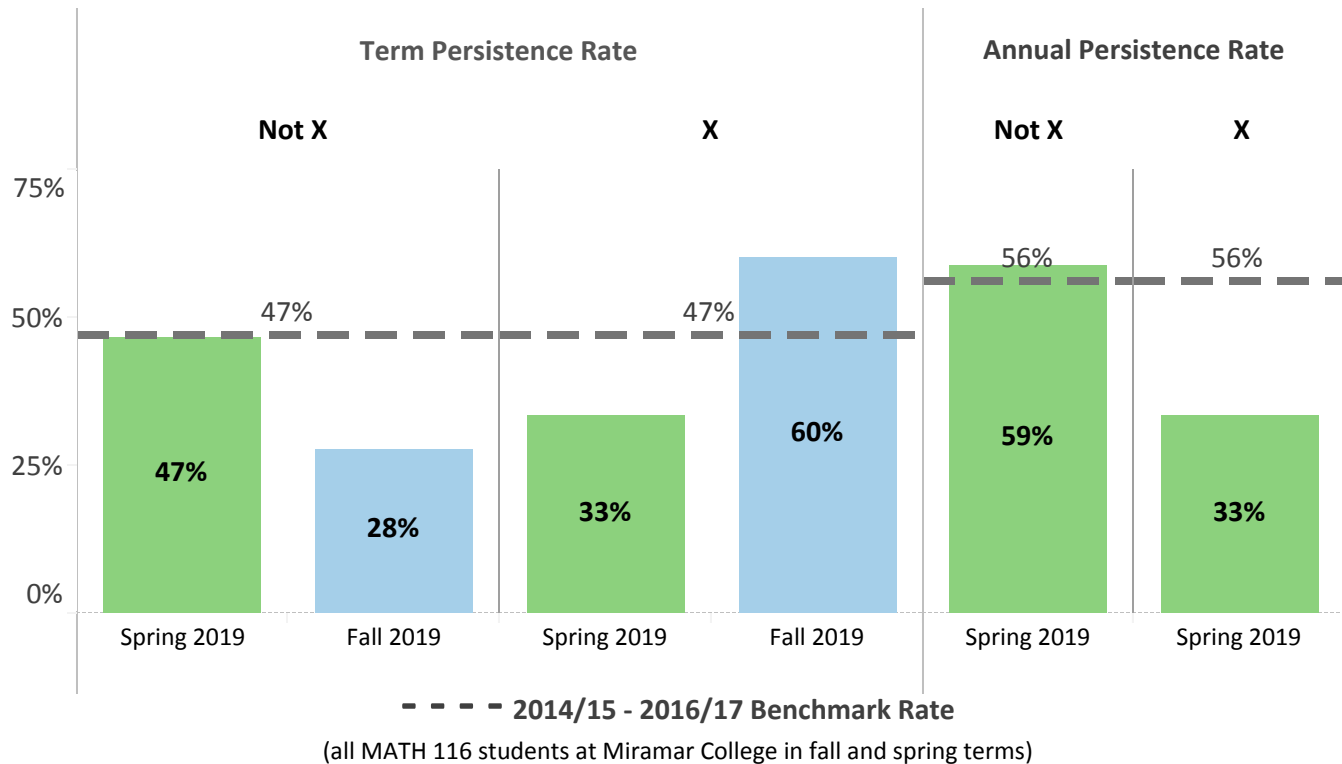
Table 24
MATH 116 Term Persistent Enrollment Outcomes

Cohort	Cohort Outcome	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Succeeded	46	7	39	5	85%	71%	34	4	74%	57%
	Failed	30	5	28	5	93%	100%	19	3	63%	60%
Grand Total		**76**	**12**	**67**	**10**	**88%**	**83%**	**53**	**7**	**70%**	**58%**
Benchmark	Succeeded	604		550		91%		483		80%	
	Failed	268		215		80%		149		56%	
Grand Total		**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.

Table 25
MATH 116 Course Repetition Rates

Cohort	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
	Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	58	9	22	2	38%	22%	25	2	43%	22%
Fall 2019	98	10	17	4	17%	40%				
Grand Total	**156**	**19**	**39**	**6**	**25%**	**32%**	**25**	**2**	**43%**	**22%**
Benchmark	**626**		**163**		**26%**		**222**		**35%**	

Table 26
MATH 116 Term Course Repetition Outcomes

Cohort	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
	Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	22	2	21	2	95%	100%	15	2	68%	100%
Grand Total	**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
Benchmark	**165**		**135**		**82%**		**100**		**61%**	

Figure 35

MATH 116 Term Persistence Outcomes: Cohort Class Succeeded

Retention Rate — Not X: 85% (Spring 2019), X: 71% (Spring 2019)
Success Rate — Not X: 74% (Spring 2019), X: 57% (Spring 2019)
Benchmarks: Retention 88%, Success 72%
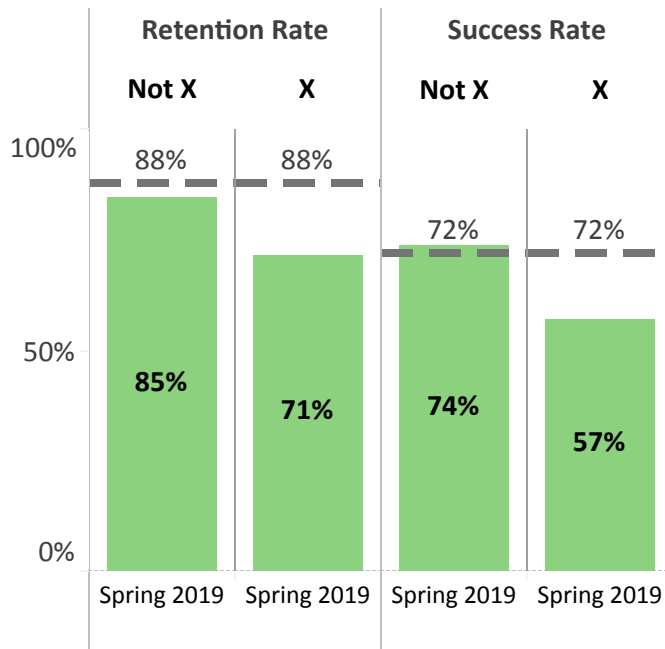
Figure 36

MATH 116 Term Persistence Outcomes: Cohort Class Failed

Retention Rate — Not X: 93% (Spring 2019), X: 100% (Spring 2019)
Success Rate — Not X: 63% (Spring 2019), X: 60% (Spring 2019)
Benchmarks: Retention 88%, Success 72%

- - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 116 students at Miramar College in fall and spring terms)
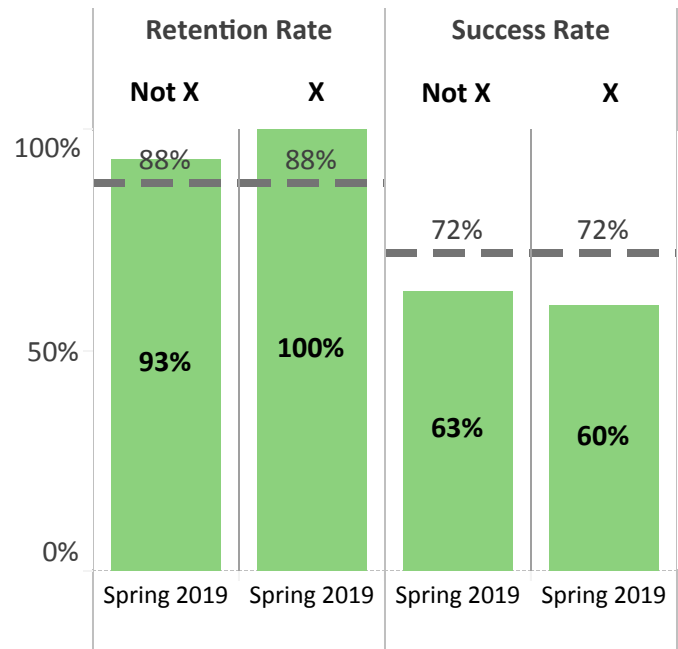
Figure 37

MATH 116 Cohort Course Repetition Rates

Term Repetition Rate — Not X: 38% (Spring 2019), 17% (Fall 2019); X: 22% (Spring 2019), 40% (Fall 2019)
Annual Repetition Rate — Not X: 43% (Spring 2019); X: 22% (Spring 2019)
Benchmarks: Term 26%, Annual 35%
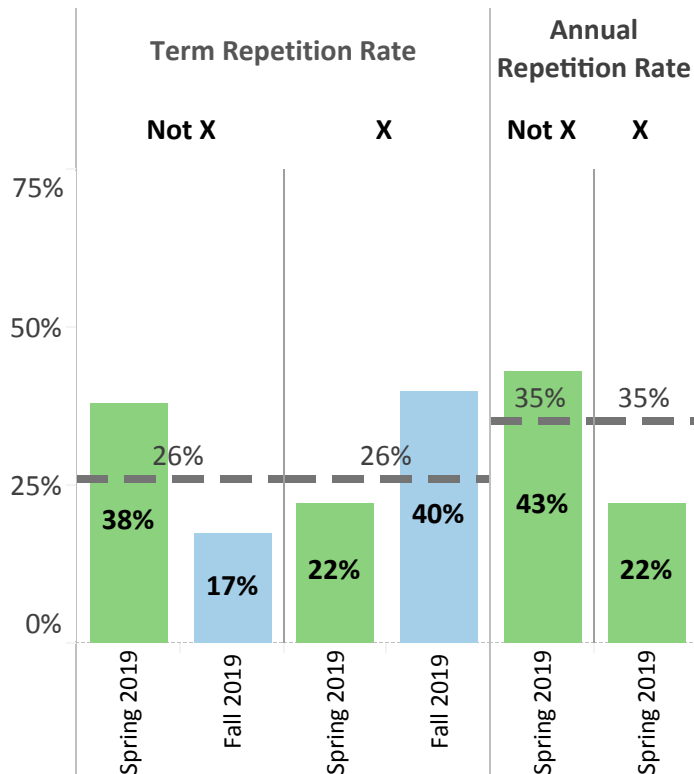
Figure 38

MATH 116 Term Course Repetition Outcomes

Retention Rate — Not X: 95% (Spring 2019), X: 100% (Spring 2019)
Success Rate — Not X: 68% (Spring 2019), X: 100% (Spring 2019)
Benchmarks: Retention 82%, Success 61%

- - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 116 students at Miramar College in fall and spring terms)
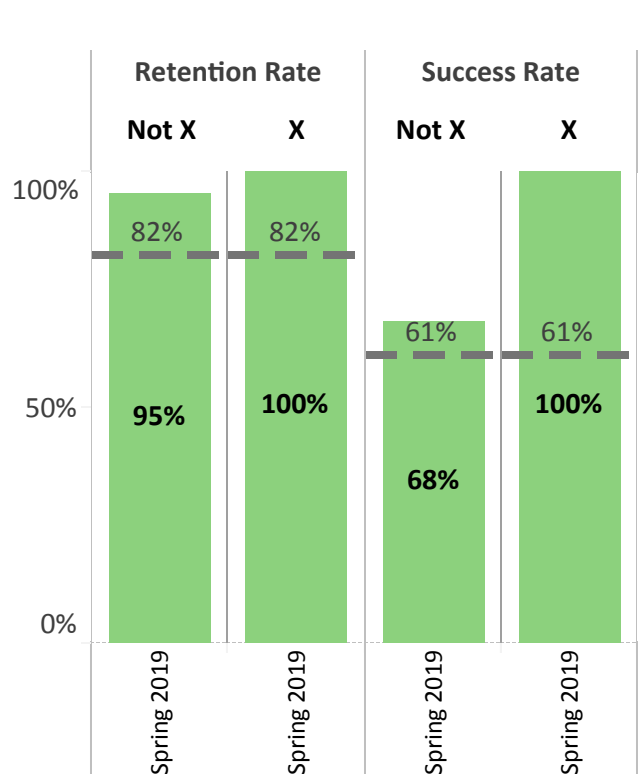
MATH 119 & 119X Outcomes and Persistence

Table 27
MATH 119 Cohort Outcomes

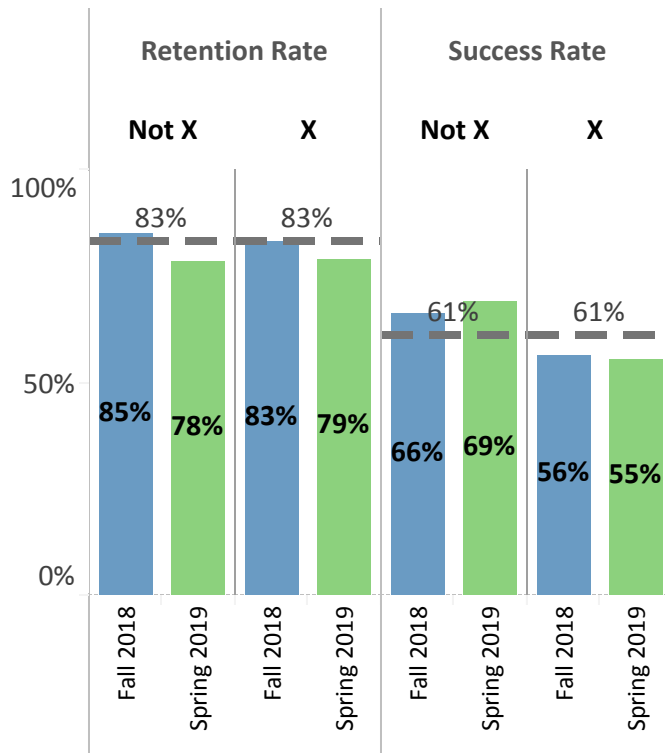| Cohort	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
	Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	370	115	315	91	85%	79%	243	63	66%	55%
Fall 2019	395	210	319	185	81%	88%	253	111	64%	53%
Grand Total	**765**	**325**	**634**	**276**	**83%**	**85%**	**496**	**174**	**65%**	**54%**
Benchmark	**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 28
MATH 119 Persistence Rates

Cohort	Cohort Outcome	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Succeeded	243	63	34	10	14%	16%	46	13	19%	21%
	Failed	127	52	42	24	33%	46%	56	30	44%	58%
	Total	**370**	**115**	**76**	**34**	**21%**	**30%**	**102**	**43**	**28%**	**37%**
Fall 2019	Succeeded	253	111	44	13	17%	12%				
	Failed	142	99	36	27	25%	27%				
	Total	**395**	**210**	**80**	**40**	**20%**	**19%**				
Grand Total		**765**	**325**	**156**	**74**	**20%**	**23%**	**102**	**43**	**28%**	**37%**
Benchmark	Succeeded	2,036		466		23%		577		28%	
	Failed	793		271		34%		374		47%	
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.

Figure 39
MATH 119 Cohort Outcomes

Cohort Retention Rate

Not X   X

Spring 2019: 85%	Spring 2019: 79%
Fall 2019: 81%	Fall 2019: 88%

86%   86%

Cohort Success Rate

Not X   X

Spring 2019: 66%	Spring 2019: 55%
Fall 2019: 64%	Fall 2019: 53%

72%   72%

- - - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 119 students at Miramar College in fall and spring terms)
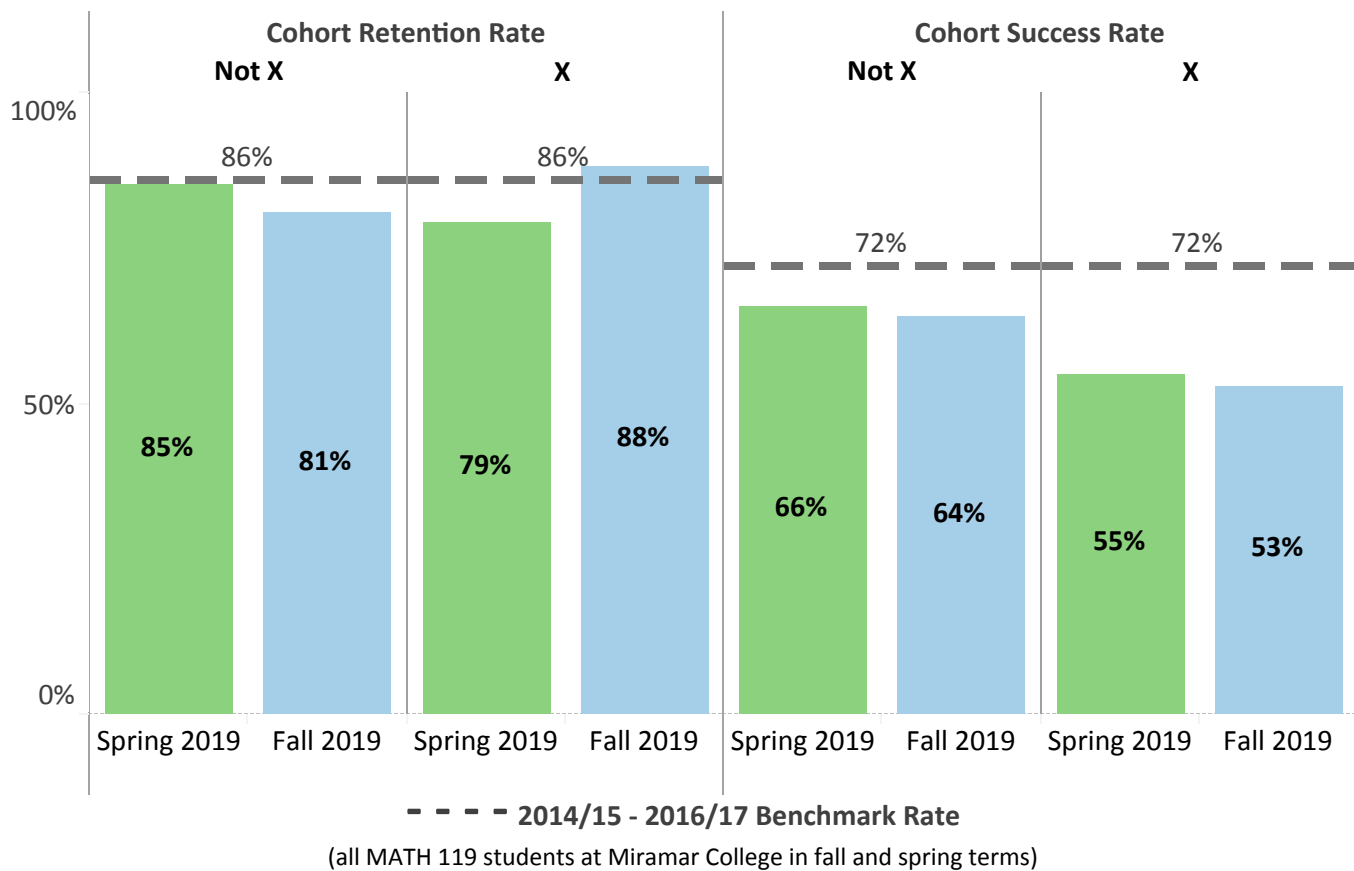
Figure 40
MATH 119 Persistence Rates: All Students

Term Persistence Rate

Not X   X

Spring 2019: 21%	Spring 2019: 30%
Fall 2019: 20%	Fall 2019: 19%

26%   26%

Annual Persistence Rate

Not X   X

Spring 2019: 28%	Spring 2019: 37%

34%   34%

- - - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 119 students at Miramar College in fall and spring terms)
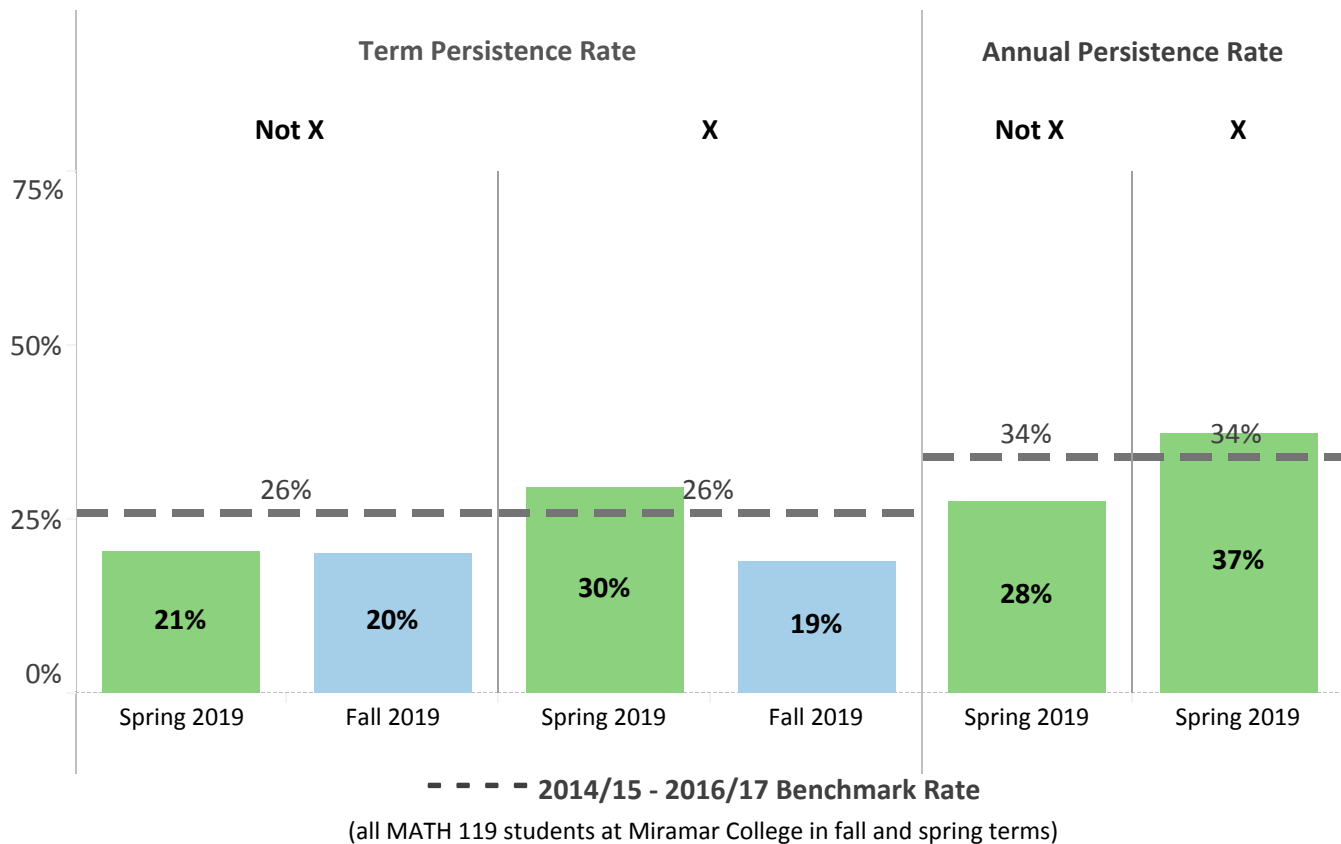
Figure 41
MATH 119 Persistence Rates: Cohort Class Succeeded

Term Persistence Rate | Annual Persistence Rate

Not X — Spring 2019: 14%, Fall 2019: 17%
X — Spring 2019: 16%, Fall 2019: 12%
Not X — Spring 2019: 19%
X — Spring 2019: 21%

26% — 26% — 34% — 34%

- - - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 119 students at Miramar College in fall and spring terms)
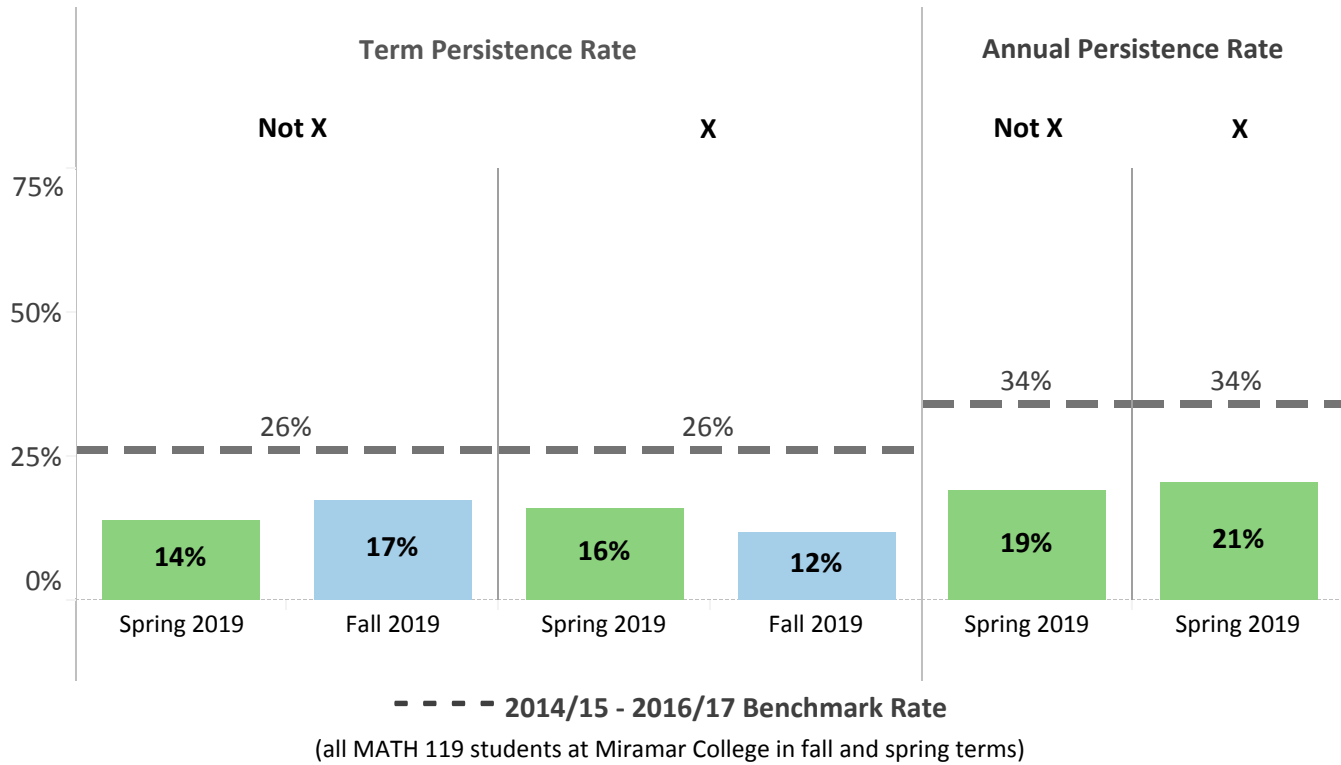
Figure 42
MATH 119 Persistence Rates: Cohort Class Failed

Term Persistence Rate | Annual Persistence Rate

Not X — Spring 2019: 33%, Fall 2019: 25%
X — Spring 2019: 46%, Fall 2019: 27%
Not X — Spring 2019: 44%
X — Spring 2019: 58%

26% — 26% — 34% — 34%

- - - - 2014/15 - 2016/17 Benchmark Rate

(all MATH 119 students at Miramar College in fall and spring terms)
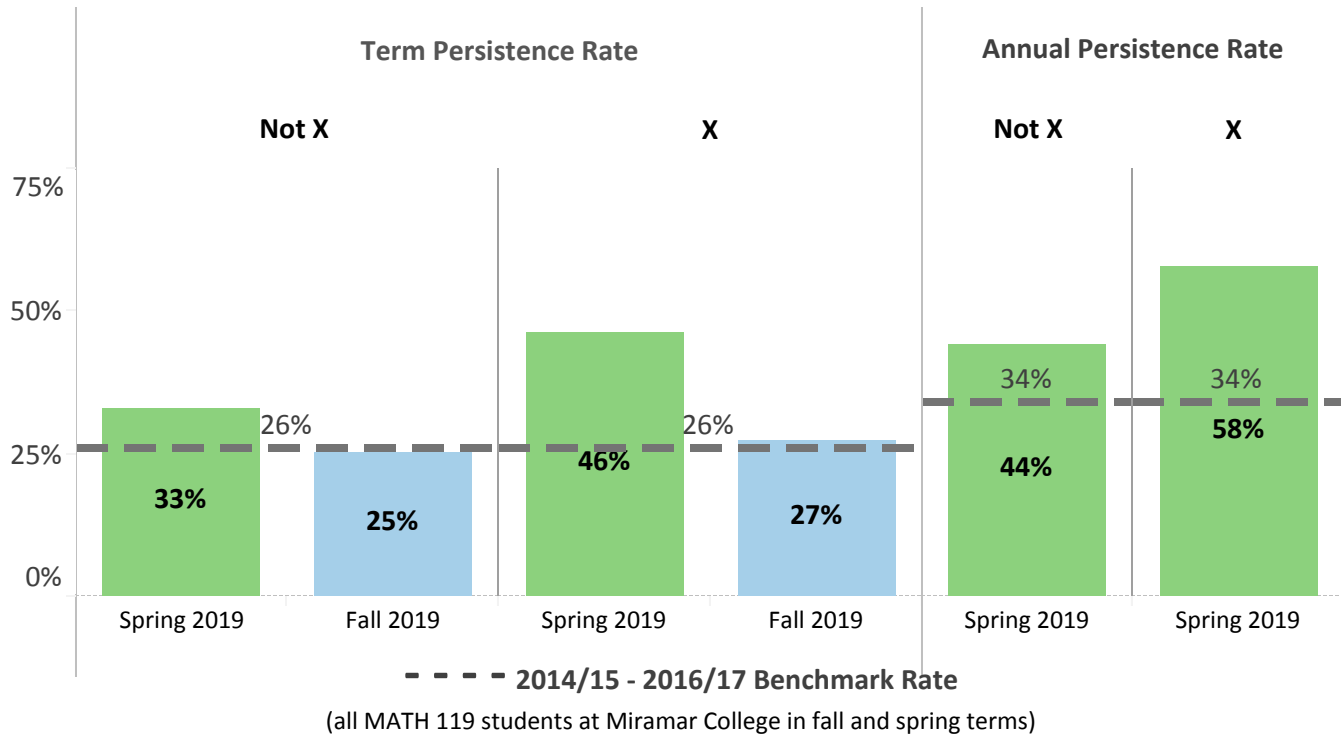
Table 29
MATH 119 Term Persistent Enrollment Outcomes

Cohort	Cohort Outcome	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Succeeded	45	13	36	12	80%	92%	32	10	71%	77%
	Failed	52	36	39	28	75%	78%	29	22	56%	61%
Grand Total		**97**	**49**	**75**	**40**	**77%**	**82%**	**61**	**32**	**63%**	**65%**
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.
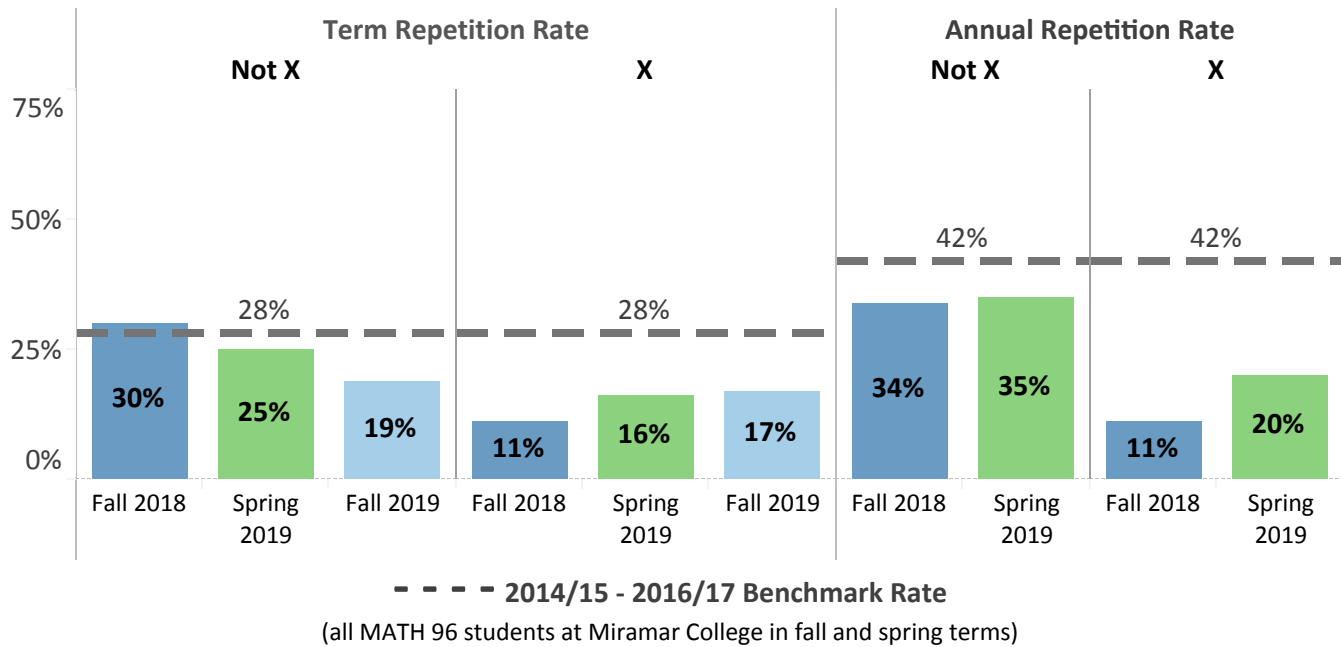
Table 30
MATH 119 Course Repetition Rates

Cohort	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
	Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	127	52	35	17	28%	33%	46	20	36%	38%
Fall 2019	142	99	27	19	19%	19%				
Grand Total	**269**	**151**	**62**	**36**	**23%**	**24%**	**46**	**20**	**36%**	**38%**
Benchmark	**793**		**205**		**26%**		**304**		**38%**	

Table 31
MATH 119 Term Course Repetition Outcomes

Cohort	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
	Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	36	17	27	13	75%	76%	21	10	58%	59%
Grand Total	**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
Benchmark	**207**		**174**		**84%**		**121**		**58%**	

Figure 43

MATH 119 Term Persistence Outcomes: Cohort Class Succeeded

Retention Rate | Success Rate

Not X | X | Not X | X

- 100%
- 85% — 85%
- 67% — 67%
- 50%
- 80% | 92% | 71% | 77%
- 0%

Spring 2019 | Spring 2019 | Spring 2019 | Spring 2019
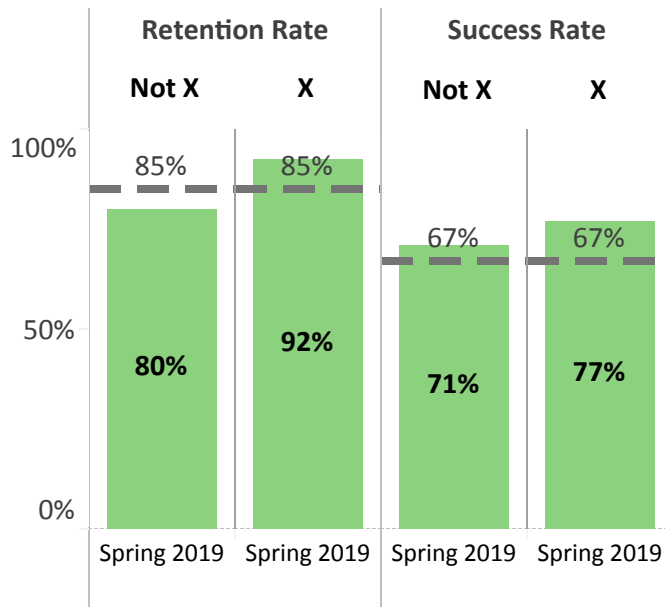
Figure 44

MATH 119 Term Persistence Outcomes: Cohort Class Failed

Retention Rate | Success Rate

Not X | X | Not X | X

- 100%
- 85% — 85%
- 67% — 67%
- 50%
- 75% | 78% | 56% | 61%
- 0%

Spring 2019 | Spring 2019 | Spring 2019 | Spring 2019

- - - - **2014/15 - 2016/17 Benchmark Rate**

(all MATH 119 students at Miramar College in fall and spring terms)
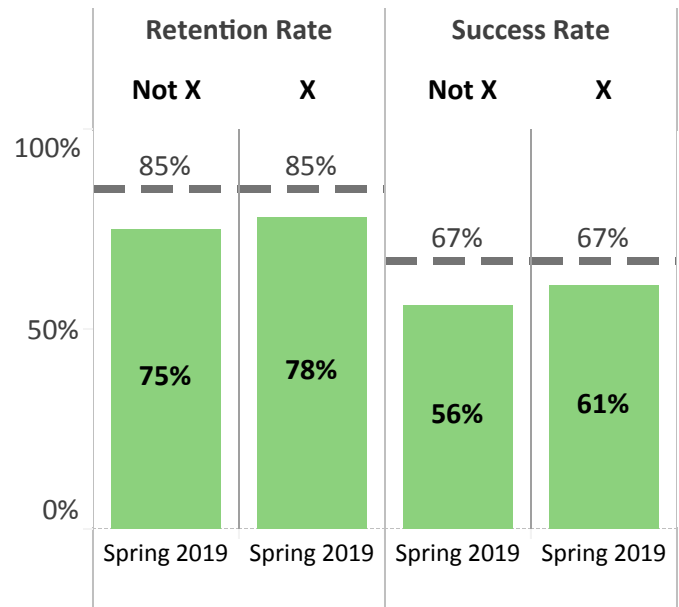
Figure 45

MATH 119 Cohort Course Repetition Rates

Term Repetition Rate | Annual Repetition Rate

Not X | X | Not X | X

- 75%
- 50%
- 26% — 26%
- 25%
- 38% — 38%
- 28% | 19% | 33% | 19% | 36% | 38%
- 0%

Spring 2019 | Fall 2019 | Spring 2019 | Fall 2019 | Spring 2019 | Spring 2019
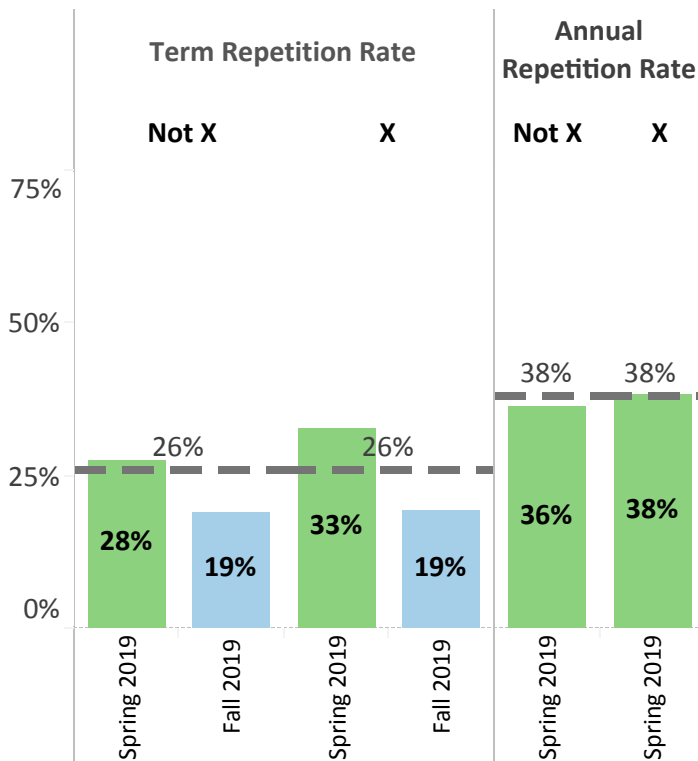
Figure 46

MATH 119 Term Course Repetition Outcomes

Retention Rate | Success Rate

Not X | X | Not X | X

- 100%
- 84% — 84%
- 58% — 58%
- 50%
- 75% | 76% | 58% | 59%
- 0%

Spring 2019 | Spring 2019 | Spring 2019 | Spring 2019

- - - - **2014/15 - 2016/17 Benchmark Rate**

(all MATH 119 students at Miramar College in fall and spring terms)
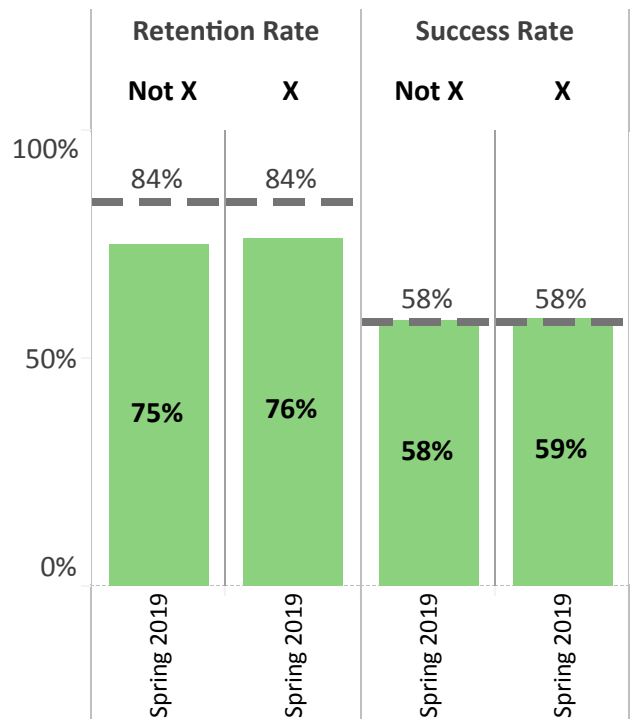
Top Subsequent Courses

Miramar Only ENGL 101 Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Fall 18 ENGL 101	ENGL 205	244	47%	92%	88%
	ENGL 101	40	8%	85%	48%
	ENGL 105	7	1%	43%	29%
	ENGL 208	4	1%	75%	75%
	ENGL 249A	3	1%	67%	67%
Spring 19 ENGL 101	ENGL 205	104	33%	84%	77%
	ENGL 101	56	18%	78%	56%
	ENGL 208	2	1%	0%	0%
	ENGL 105	2	1%	100%	50%
	ENGL 49	1	0%	0%	0%
Fall 19 ENGL 101	ENGL 205	196	32%		
	ENGL 101	23	4%		
	ENGL 105	3	0%		
	ENGL 208	2	0%		
	ENGL 101 X	1	0%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for ENGL 101 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

SDCCD ENGL 101 Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Fall 18 ENGL 101	ENGL 205	310	59%	92%	86%
	ENGL 101	60	11%	83%	52%
	ENGL 105	10	2%	60%	50%
	ENGL 208	6	1%	83%	83%
	ENGL 210	4	1%	100%	100%
Spring 19 ENGL 101	ENGL 205	154	48%	82%	75%
	ENGL 101	80	25%	75%	51%
	ENGL 208	5	2%	0%	0%
	ENGL 105	3	1%	100%	67%
	ENGL 49	1	0%	0%	0%
Fall 19 ENGL 101	ENGL 205	256	42%		
	ENGL 101	33	5%		
	ENGL 208	5	1%		
	ENGL 210	3	0%		
	ENGL 105	3	0%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for ENGL 101 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 34

Miramar Only ENGL 101 X Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Fall 18 ENGL 101 X	ENGL 205	71	61%	93%	90%
	ENGL 101	4	3%	50%	50%
	ENGL 49	2	2%	50%	0%
	ENGL 249A	2	2%	100%	100%
	ENGL 101 X	2	2%	100%	50%
Spring 19 ENGL 101 X	ENGL 205	61	37%	85%	72%
	ENGL 101 X	11	7%	80%	70%
	ENGL 101	7	4%	67%	67%
	ENGL 49	2	1%	100%	100%
	ENGL 48	2	1%	100%	50%
Fall 19 ENGL 101 X	ENGL 205	65	31%		
	ENGL 101 X	6	3%		
	ENGL 101	5	2%		
	ENGL 208	3	1%		
	ENGL 105	3	1%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for ENGL 101 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 35

SDCCD ENGL 101 X Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Fall 18 ENGL 101 X	ENGL 205	80	68%	94%	90%
	ENGL 101	7	6%	71%	43%
	ENGL 49	3	3%	33%	0%
	ENGL 249A	3	3%	100%	100%
	ENGL 31	2	2%	100%	50%
Spring 19 ENGL 101 X	ENGL 205	80	48%	89%	76%
	ENGL 101	21	13%	79%	71%
	ENGL 31	10	6%	100%	78%
	ENGL 49	2	1%	100%	100%
	ENGL 48	2	1%	100%	50%
Fall 19 ENGL 101 X	ENGL 205	69	33%		
	ENGL 101	12	6%		
	ENGL 31	6	3%		
	ENGL 105	5	2%		
	ENGL 208	3	1%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for ENGL 101 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 36

Miramar Only MATH 96 Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Fall 18 MATH 96	MATH 119	64	27%	88%	70%
	MATH 104	50	21%	78%	48%
	MATH 96	42	17%	71%	43%
	MATH 116	42	17%	83%	74%
	MATH 119 X	17	7%	88%	59%
Spring 19 MATH 96	MATH 119	28	19%	76%	65%
	MATH 96	26	18%	78%	33%
	MATH 104	23	16%	69%	63%
	MATH 116	16	11%	75%	58%
	MATH 141	8	6%	100%	100%
Fall 19 MATH 96	MATH 96	29	18%		
	MATH 104	22	14%		
	MATH 119	21	13%		
	MATH 116	13	8%		
	MATH 119 X	5	3%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for MATH 96 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 37

SDCCD MATH 96 Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Fall 18 MATH 96	MATH 119	95	39%	86%	68%
	MATH 96	69	29%	71%	41%
	MATH 104	58	24%	76%	50%
	MATH 116	57	24%	82%	72%
	MATH 141	20	8%	85%	70%
Spring 19 MATH 96	MATH 96	46	32%	77%	43%
	MATH 119	45	31%	77%	65%
	MATH 104	28	19%	65%	55%
	MATH 116	24	17%	76%	65%
	MATH 141	12	8%	100%	100%
Fall 19 MATH 96	MATH 96	35	22%		
	MATH 119	28	18%		
	MATH 104	27	17%		
	MATH 116	19	12%		
	MATH 15A	6	4%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for MATH 96 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 38
Miramar Only MATH 96 X Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Fall 18 MATH 96 X	MATH 104	21	36%	71%	62%
	MATH 119	15	26%	87%	67%
	MATH 119 X	11	19%	55%	18%
	MATH 141	10	17%	70%	50%
	MATH 116	7	12%	100%	71%
Spring 19 MATH 96 X	MATH 104	19	29%	57%	36%
	MATH 119	13	20%	78%	44%
	MATH 119 X	11	17%	88%	50%
	MATH 96	10	15%	83%	0%
	MATH 121	4	6%	100%	50%
Fall 19 MATH 96 X	MATH 104	16	21%		
	MATH 119	11	14%		
	MATH 116	8	10%		
	MATH 96	7	9%		
	MATH 119 X	4	5%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for MATH 96 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 39
SDCCD MATH 96 X Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Fall 18 MATH 96 X	MATH 119	30	52%	73%	50%
	MATH 104	23	40%	74%	65%
	MATH 15A	12	21%	67%	33%
	MATH 141	11	19%	64%	45%
	MATH 116	11	19%	100%	73%
Spring 19 MATH 96 X	MATH 119	27	42%	78%	44%
	MATH 104	21	32%	50%	31%
	MATH 96	13	20%	75%	0%
	MATH 15A	12	18%	88%	63%
	MATH 116	10	15%	100%	83%
Fall 19 MATH 96 X	MATH 104	18	23%		
	MATH 119	17	22%		
	MATH 116	11	14%		
	MATH 96	10	13%		
	MATH 15A	5	6%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for MATH 96 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 40

Miramar Only MATH 116 Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Spring 19 MATH 116	MATH 121	42	38%	76%	60%
	MATH 119	21	19%	92%	83%
	MATH 116	21	19%	94%	72%
	MATH 104	5	5%	100%	50%
	MATH 141	3	3%	100%	100%
Fall 19 MATH 116	MATH 121	58	36%		
	MATH 119	32	20%		
	MATH 116	9	6%		
	MATH 116 X	4	3%		
	MATH 104	4	3%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for MATH 116 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 41

SDCCD MATH 116 Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Spring 19 MATH 116	MATH 121	49	44%	80%	63%
	MATH 116	28	25%	95%	68%
	MATH 119	26	23%	88%	81%
	MATH 104	7	6%	100%	67%
	MATH 141	4	4%	100%	100%
Fall 19 MATH 116	MATH 121	64	40%		
	MATH 119	35	22%		
	MATH 116	17	11%		
	MATH 15C	5	3%		
	MATH 141	4	3%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for MATH 116 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 42
Miramar Only MATH 116 X Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Spring 19 MATH 116 X	MATH 119	9	53%	83%	50%
	MATH 121	4	24%	100%	100%
	MATH 119 X	2	12%	100%	0%
	MATH 116	2	12%	100%	100%
Fall 19 MATH 116 X	MATH 121	14	47%		
	MATH 119	5	17%		
	MATH 116	3	10%		
	MATH 141	1	3%		
	MATH 116 X	1	3%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for MATH 116 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 43
SDCCD MATH 116 X Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Spring 19 MATH 116 X	MATH 119	11	65%	86%	43%
	MATH 121	5	29%	50%	50%
	MATH 15A	2	12%	100%	100%
	MATH 116	2	12%	100%	100%
	MATH 141	1	6%	0%	0%
Fall 19 MATH 116 X	MATH 121	15	50%		
	MATH 119	5	17%		
	MATH 116	4	13%		
	MATH 15C	1	3%		
	MATH 141	1	3%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for MATH 116 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 44

Miramar Only MATH 119 Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Spring 19 MATH 119	MATH 119	29	12%	70%	60%
	MATH 121	17	7%	50%	50%
	MATH 116	15	6%	75%	67%
	MATH 104	9	4%	100%	80%
	MATH 141	8	3%	100%	100%
Fall 19 MATH 119	MATH 119	18	7%		
	MATH 116	14	6%		
	MATH 121	10	4%		
	MATH 151	6	2%		
	MATH 119 X	5	2%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for MATH 119 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 45

SDCCD MATH 119 Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Spring 19 MATH 119	MATH 119	50	21%	75%	58%
	MATH 121	26	11%	67%	58%
	MATH 116	23	9%	76%	65%
	MATH 141	11	5%	100%	80%
	MATH 104	11	5%	100%	80%
Fall 19 MATH 119	MATH 119	28	11%		
	MATH 116	18	7%		
	MATH 121	13	5%		
	MATH 151	7	3%		
	MATH 104	6	2%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for MATH 119 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 46
Miramar Only MATH 119 X Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Spring 19 MATH 119 X	MATH 119 X	10	16%	88%	63%
	MATH 119	8	13%	67%	50%
	MATH 96	6	10%	100%	40%
	MATH 116	6	10%	75%	25%
	MATH 104	4	6%	100%	100%
Fall 19 MATH 119 X	MATH 119 X	10	9%		
	MATH 116	8	7%		
	MATH 119	6	5%		
	MATH 104	4	4%		
	MATH 96	1	1%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for MATH 119 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 47
SDCCD MATH 119 X Top 5 Subsequent Courses and Outcomes

Cohort	Course	Subsequent Enrollments	Enrollment Rate	Retention Rate	Success Rate
Spring 19 MATH 119 X	MATH 119	21	33%	76%	59%
	MATH 15A	12	19%	90%	90%
	MATH 116	11	17%	67%	33%
	MATH 96	8	13%	83%	33%
	MATH 104	4	6%	100%	100%
Fall 19 MATH 119 X	MATH 119	19	17%		
	MATH 15A	11	10%		
	MATH 116	11	10%		
	MATH 104	5	5%		
	MATH 96	3	3%		

Note. Student subsequent enrollments were tracked for up to the next three consecutive terms. The Miramar Only table separates X sections from non-X sections and excludes support courses for MATH 119 X. The SDCCD table does not separate X sections from non-X sections and includes support courses.

Table 48
Awards & Transfers

Cohort	Cohort Term	Cohort Headcount	Award Earner Headcount	Award Earner Rate	Transfer Student Headcount	Transfer Student Rate
ENGL 101	Fall 2018	668	21	3%	3	0%
	Spring 2019	511	16	3%	2	0%
	Fall 2019	796	3	0%		
	Total	**1,975**	**40**	**2%**	**5**	**0%**
ENGL 101 X	Fall 2018	151	1	1%	1	1%
	Spring 2019	219	2	1%		
	Fall 2019	261	1	0%		
	Total	**631**	**4**	**1%**	**1**	**0%**
MATH 96	Fall 2018	430	16	4%	2	0%
	Spring 2019	264	6	2%	1	0%
	Fall 2019	341	1	0%		
	Total	**1,035**	**23**	**2%**	**3**	**0%**
MATH 96 X	Fall 2018	86	5	6%	2	2%
	Spring 2019	114	1	1%		
	Fall 2019	138				
	Total	**338**	**6**	**2%**	**2**	**1%**
MATH 116	Spring 2019	169	6	4%		
	Fall 2019	257	1	0%		
	Total	**426**	**7**	**2%**		
MATH 116 X	Spring 2019	26	1	4%		
	Fall 2019	40	1	3%		
	Total	**66**	**2**	**3%**		
MATH 119	Spring 2019	370	56	15%	4	1%
	Fall 2019	395	6	2%		
	Total	**765**	**62**	**8%**	**4**	**1%**
MATH 119 X	Spring 2019	115	11	10%		
	Fall 2019	210	1	0%		
	Total	**325**	**12**	**4%**		
Grand Total		**5,561**	**156**	**3%**	**15**	**0%**

Note. Award earner headcount includes students who earned awards in 2018/19 and fall 2019. Transfer student headcount includes students who transferred in 2018/19. Both headcounts use the latest data available at the time of this report.

ENGL 101 & 101X Disproportionate Impacts (DIs)

Figure 47
ENGL 101 Cohort Retention Rates for DI Groups

Cohort	Demographic Group	
Not X	Academic Standing: Disqualified	42 count | **56%**
	Academic Standing: Probation	160 count | **68%**
	Age: 30 - 39	111 count | **77%**
	Age: 50 and >	14 count | **64%**
	Section Modality: Online	394 count | **80%**
	Student Type: Online Only	350 count | **79%**
X	Academic Standing: Probation	57 count | **72%**

Benchmark: 86% (Not X), 86% (X). Scale: 0% – 50% – 100%.
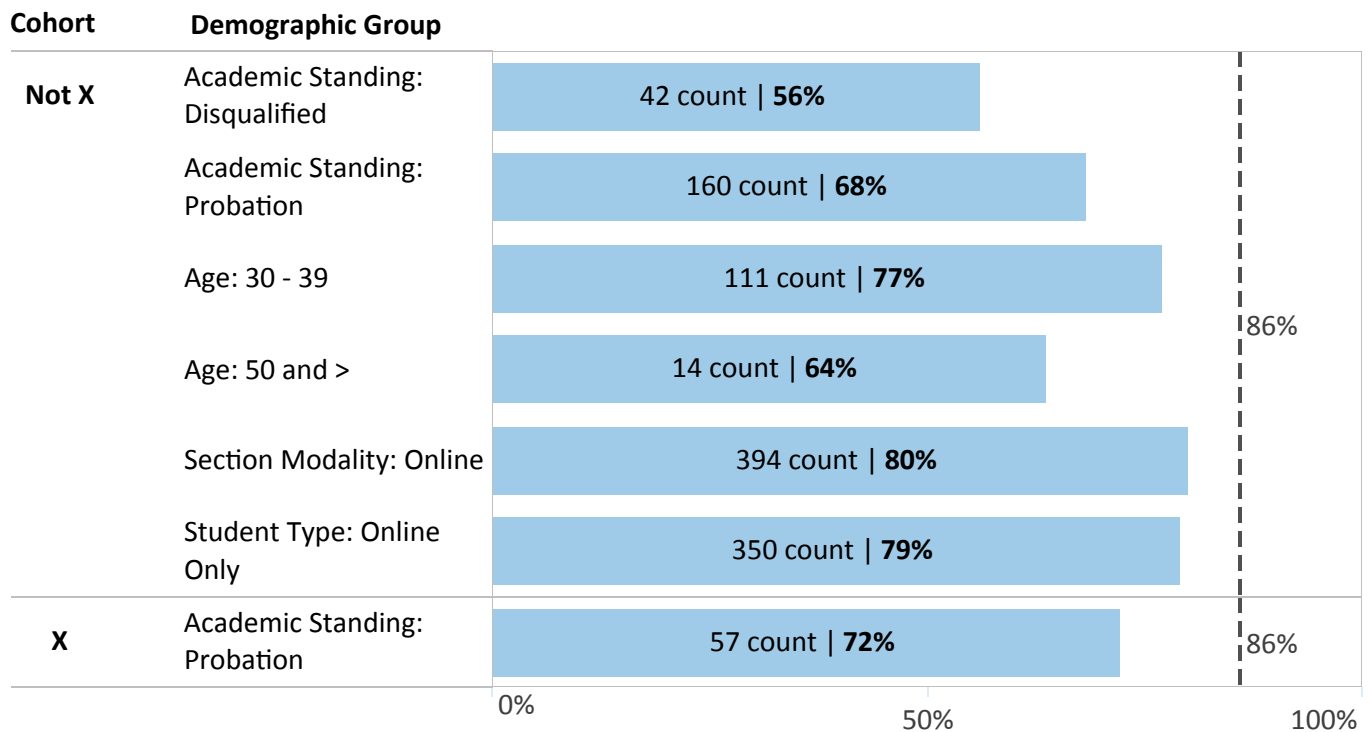
Figure 48
ENGL 101 Cohort Success Rates for DI Groups
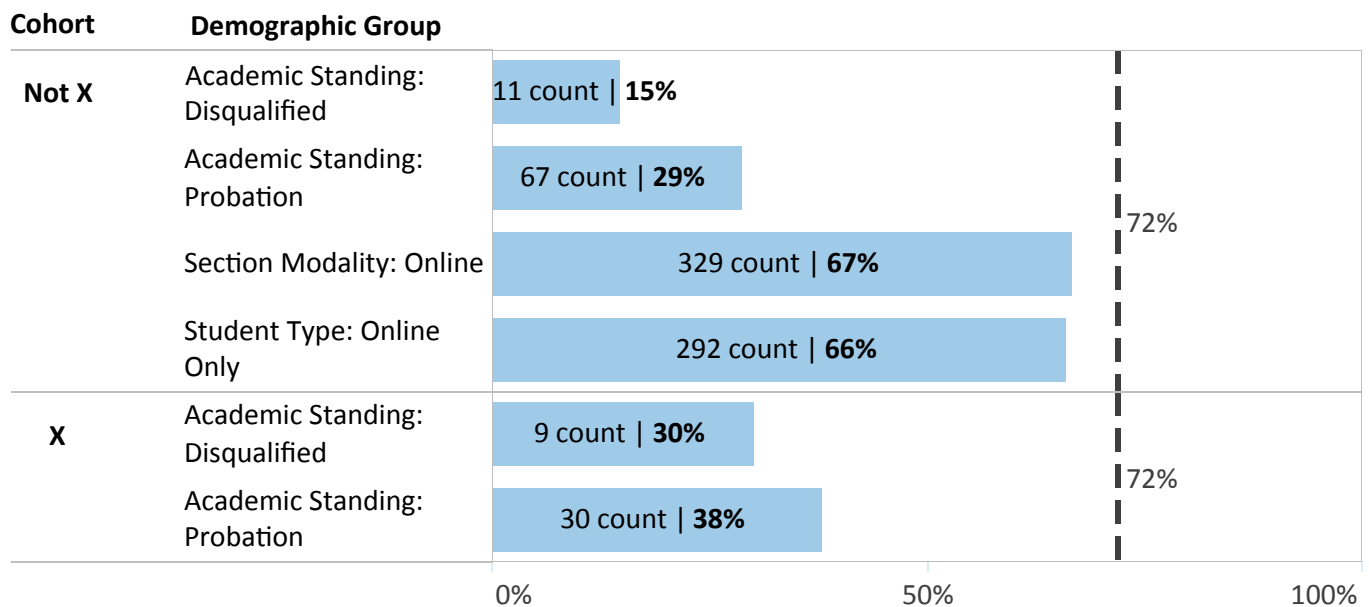
Cohort	Demographic Group	
Not X	Academic Standing: Disqualified	11 count | **15%**
	Academic Standing: Probation	67 count | **29%**
	Section Modality: Online	329 count | **67%**
	Student Type: Online Only	292 count | **66%**
X	Academic Standing: Disqualified	9 count | **30%**
	Academic Standing: Probation	30 count | **38%**

Benchmark: 72% (Not X), 72% (X). Scale: 0% – 50% – 100%.

Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.

Figure 49
ENGL 101 Term Persistence Retention Rates for DI Groups

Cohort	Demographic Group	
Not X	Academic Standing: Probation	23 count | **64%**
	Gender: Male	192 count | **82%**

89%

0%　　　50%　　　100%
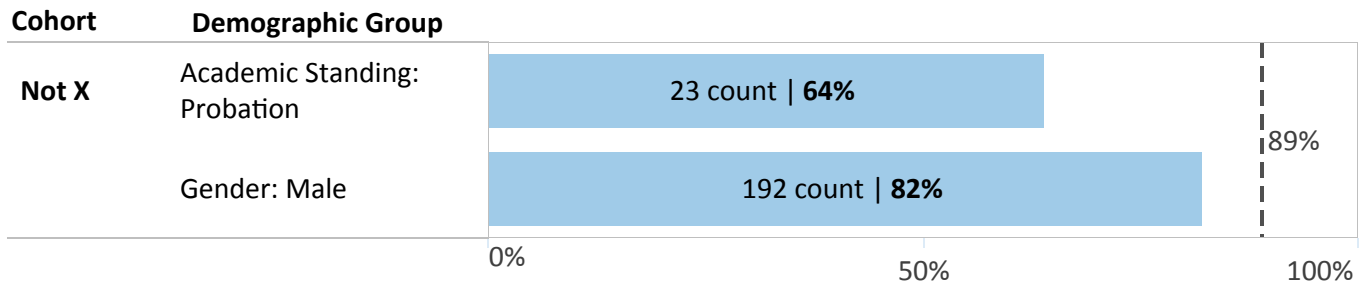
Figure 50
ENGL 101 Term Persistence Success Rates for DI Groups

Cohort	Demographic Group	
Not X	Academic Standing: Probation	11 count | **31%**
	Student Type: Online Only	64 count | **67%**
X	Academic Standing: Probation	4 count | **33%**

78%
78%

0%　　　50%　　　100%

Figure 51
ENGL 101 Annual Persistence Success Rates for DI Groups

Cohort	Demographic Group	
Not X	Academic Standing: Probation	14 count | **44%**

76%

0%　　　50%　　　100%

Figure 52
ENGL 101 Term Course Repetition Success Rates for DI Groups
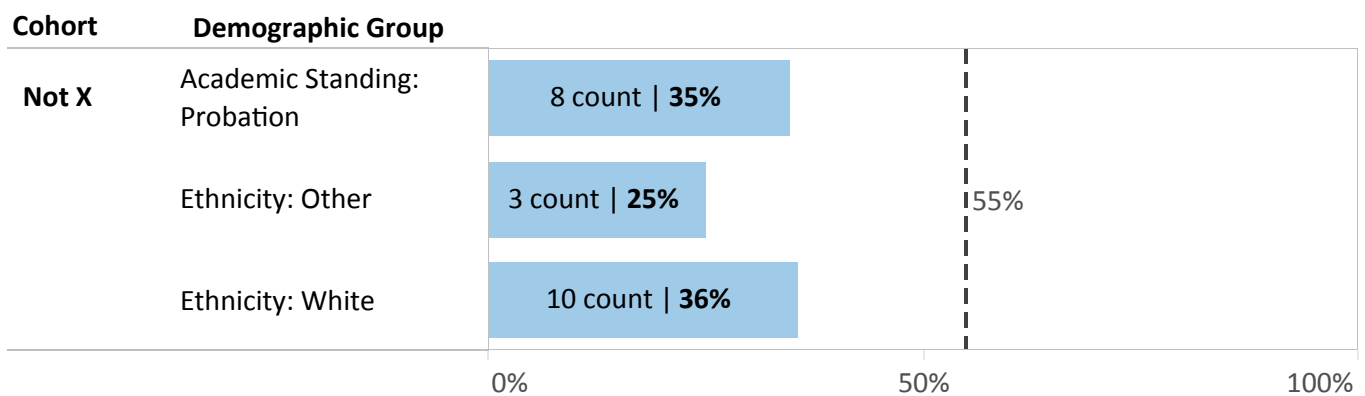
Cohort	Demographic Group	
Not X	Academic Standing: Probation	8 count | **35%**
	Ethnicity: Other	3 count | **25%**
	Ethnicity: White	10 count | **36%**

55%

0%　　　50%　　　100%

Note. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.

MATH 96/96X, 116/116X, and 119/119X Aggregated Disproportionate Impacts (DIs)

Figure 53
MATH 96, 116, & 119 Cohort Retention Rates for DI Groups

Cohort	Demographic Group	
Not X	Academic Standing: Probation	187 count | **70%**
	Age: 25 - 29	230 count | **76%**
	Ethnicity: Latinx	493 count | **79%** — 84%
	Section Modality: Online	251 count | **65%**
	Student Type: Online Only	239 count | **65%**
X	Academic Standing: Probation	64 count | **63%** — 84%

0%   50%   100%

Note. The benchmark cohort consists of students who took MATH 96, 116, & 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.

Figure 54
MATH 96, 116, & 119 Cohort Success Rates for DI Groups

Cohort	Demographic Group	
Not X	Academic Standing: Disqualified	7 count | **7%**
	Academic Standing: Probation	50 count | **19%**
	Age: 18 - 24	900 count | **58%**
	Age: 25 - 29	168 count | **56%**
	DSPS Status: Not DSPS	700 count | **60%**
	Ethnicity: African American	43 count | **38%**
	Ethnicity: Latinx	322 count | **51%**
	Ethnicity: Other	105 count | **54%**
	First Generation: First Gen.	182 count | **55%**
	First Generation: Not First Gen.	693 count | **60%**
	Foster Youth: Not Foster Youth	1,291 count | **59%**
	Gender: Female	642 count | **61%**
	Gender: Male	667 count | **57%**
	Military: Not Veteran/Active Duty	1,149 count | **59%**
	Section Modality: Online	144 count | **37%**
	Student Type: Online Only	137 count | **37%**
X	Academic Standing: Disqualified	3 count | **10%**
	Academic Standing: Probation	17 count | **17%**
	Age: 18 - 24	296 count | **56%**
	DSPS Status: DSPS	41 count | **43%**
	Ethnicity: African American	12 count | **38%**
	Ethnicity: Latinx	110 count | **46%**
	First Generation: First Gen.	64 count | **54%**
	First Generation: Not First Gen.	177 count | **57%**
	Foster Youth: Not Foster Youth	416 count | **58%**
	Gender: Male	205 count | **55%**
	Military: Not Veteran/Active Duty	357 count | **56%**
	Section Modality: Day	333 count | **56%**
	Student Type: Day Only	313 count | **56%**

Benchmark: 64% (Not X), 64% (X)

0%   50%   100%

Note. The benchmark cohort consists of students who took MATH 96, 116, & 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.

Figure 55
MATH 96, 116, & 119 Term Persistence Retention Rates for DI Groups

Cohort	Demographic Group	
Not X	Academic Standing: Disqualified	6 count | **50%**
	Ethnicity: Latinx	90 count | **73%**
	First Generation: First Gen.	76 count | **75%**
	Foster Youth: Not Foster Youth	401 count | **80%**
	Gender: Male	222 count | **78%**
	Military: Not Veteran/Active Duty	358 count | **79%**
X	Academic Standing: Probation	7 count | **50%**
	Age: 40 - 49	4 count | **36%**
	First Generation: Not First Gen.	113 count | **76%**
	Foster Youth: Not Foster Youth	145 count | **78%**
	Gender: Male	75 count | **74%**
	Military: Not Veteran/Active Duty	130 count | **76%**
	Section Modality: Evening	15 count | **56%**
	Student Type: Evening Only	10 count | **48%**

85%

0%   50%   100%

Note. The benchmark cohort consists of students who took MATH 96, 116, & 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.

Figure 56
MATH 96, 116, & 119 Term Persistence Success Rates for DI Groups

Cohort	Demographic Group		
Not X	Academic Standing: Disqualified	3 count | **25%**	
	Academic Standing: Probation	22 count | **42%**	
	Age: 18 - 24	218 count | **59%**	
	Ethnicity: Latinx	64 count | **52%**	
	Ethnicity: Other	26 count | **52%**	
	First Generation: Not First Gen.	248 count | **61%**	
	Foster Youth: Not Foster Youth	305 count | **61%**	
	Gender: Male	164 count | **58%**	
	Military: Not Veteran/Active Duty	269 count | **60%**	66%
	Student Type: Day Only	211 count | **61%**	
X	Academic Standing: Good Standi..	99 count | **56%**	
	Academic Standing: Probation	3 count | **21%**	
	Age: 18 - 24	77 count | **55%**	
	Age: 40 - 49	2 count | **18%**	
	DSPS Status: DSPS	17 count | **49%**	
	DSPS Status: Not DSPS	85 count | **54%**	
	Ethnicity: Latinx	26 count | **45%**	
	First Generation: Not First Gen.	78 count | **53%**	
	Foster Youth: Not Foster Youth	98 count | **52%**	66%
	Gender: Female	47 count | **51%**	
	Gender: Male	55 count | **54%**	
	Military: Not Veteran/Active Duty	91 count | **54%**	
	Section Modality: Day	93 count | **56%**	
	Section Modality: Evening	9 count | **33%**	
	Student Type: Day Only	91 count | **56%**	
	Student Type: Evening Only	4 count | **19%**	

0%   50%   100%

Note. The benchmark cohort consists of students who took MATH 96, 116, & 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.

Figure 57
MATH 96, 116, & 119 Annual Persistence Success Rates for DI Groups

Cohort	Demographic Group		
Not X	Academic Standing: Probation	16 count | **43%**	60%
	Ethnicity: African American	10 count | **38%**	

0%   50%   100%

Figure 58
MATH 96, 116, & 119 Term Course Repetition Retention Rates for DI Groups

Cohort	Demographic Group		
Not X	Ethnicity: White	25 count | **66%**	83%

0%   50%   100%

Figure 59
MATH 96, 116, & 119 Term Course Repetition Success Rates for DI Groups

Cohort	Demographic Group		
Not X	Academic Standing: Probation	8 count | **32%**	55%

0%   50%   100%

Figure 60
MATH 96, 116, & 119 Annual Course Repetition Retention Rates for DI Groups

Cohort	Demographic Group		
Not X	Age: 18 - 24	37 count | **69%**	83%
	Ethnicity: White	8 count | **50%**	
	Section Modality: Day	25 count | **64%**	
	Student Type: Day Only	24 count | **63%**	

0%   50%   100%

Figure 61
MATH 96, 116, & 119 Annual Course Repetition Success Rates for DI Groups
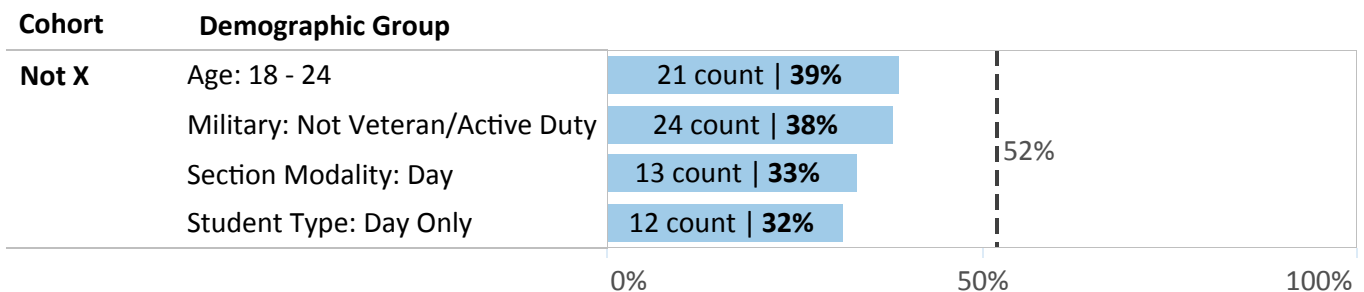
Cohort	Demographic Group		
Not X	Age: 18 - 24	21 count | **39%**	52%
	Military: Not Veteran/Active Duty	24 count | **38%**	
	Section Modality: Day	13 count | **33%**	
	Student Type: Day Only	12 count | **32%**	

0%   50%   100%

Note. The benchmark cohort consists of students who took MATH 96, 116, & 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.

MATH 96 & 96X Disproportionate Impacts (DIs)

Figure 62
MATH 96 Cohort Retention Rates for DI Groups

Cohort	Demographic Group	
Not X	Academic Standing: Probation	136 count | **72%**
	Ethnicity: Latinx	249 count | **76%**
	Section Modality: Online	163 count | **70%**
	Student Type: Online Only	156 count | **70%**
X	Academic Standing: Probation	37 count | **62%**

82%

0%   50%   100%

Figure 63
MATH 96 Cohort Success Rates for DI Groups
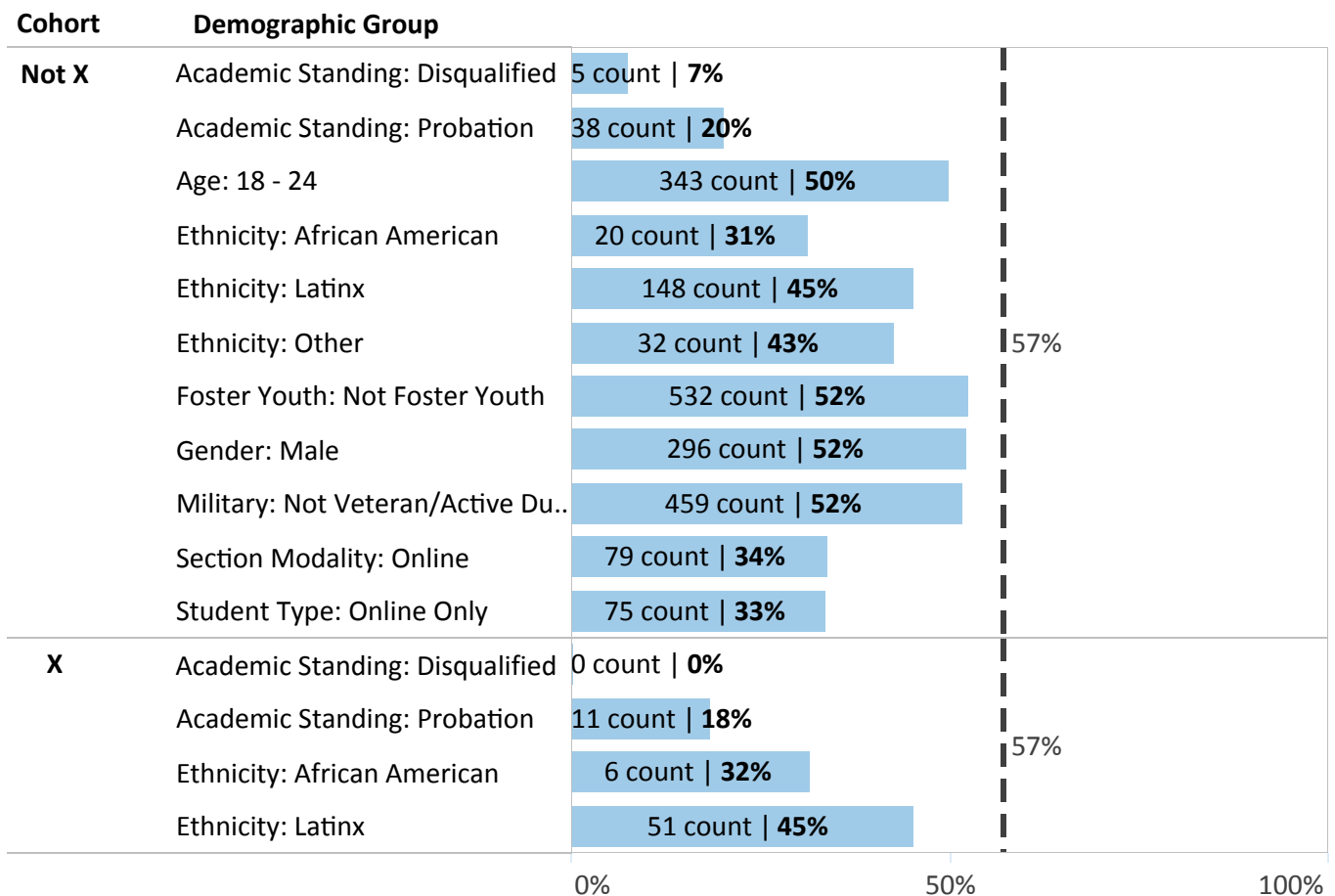
Cohort	Demographic Group	
Not X	Academic Standing: Disqualified	5 count | **7%**
	Academic Standing: Probation	38 count | **20%**
	Age: 18 - 24	343 count | **50%**
	Ethnicity: African American	20 count | **31%**
	Ethnicity: Latinx	148 count | **45%**
	Ethnicity: Other	32 count | **43%**
	Foster Youth: Not Foster Youth	532 count | **52%**
	Gender: Male	296 count | **52%**
	Military: Not Veteran/Active Du..	459 count | **52%**
	Section Modality: Online	79 count | **34%**
	Student Type: Online Only	75 count | **33%**
X	Academic Standing: Disqualified	0 count | **0%**
	Academic Standing: Probation	11 count | **18%**
	Ethnicity: African American	6 count | **32%**
	Ethnicity: Latinx	51 count | **45%**

57%

0%   50%   100%

Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.

Figure 64
MATH 96 Term Persistence Retention Rates for DI Groups

Cohort	Demographic Group		
Not X	Ethnicity: Latinx	61 count | **72%**	83%
X	Academic Standing: Probation	7 count | **54%**	83%
	Student Type: Evening Only	7 count | **54%**	

50%   100%
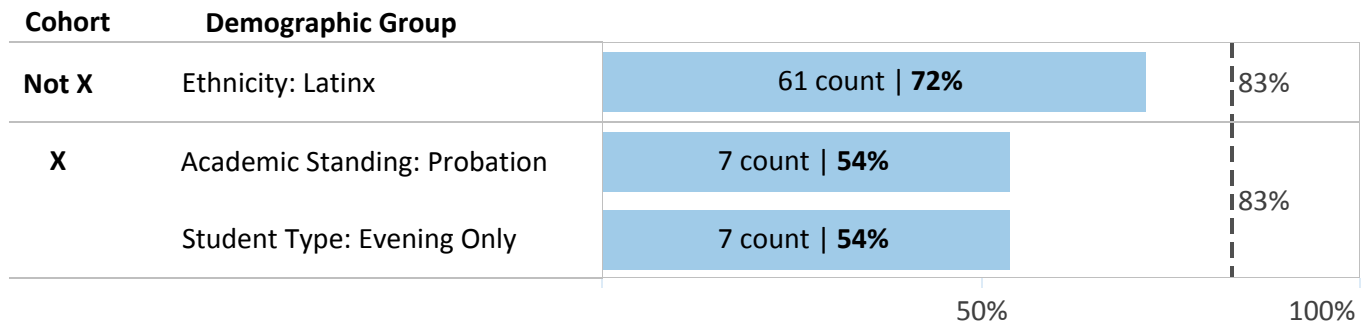
Figure 65
MATH 96 Term Persistence Success Rates for DI Groups
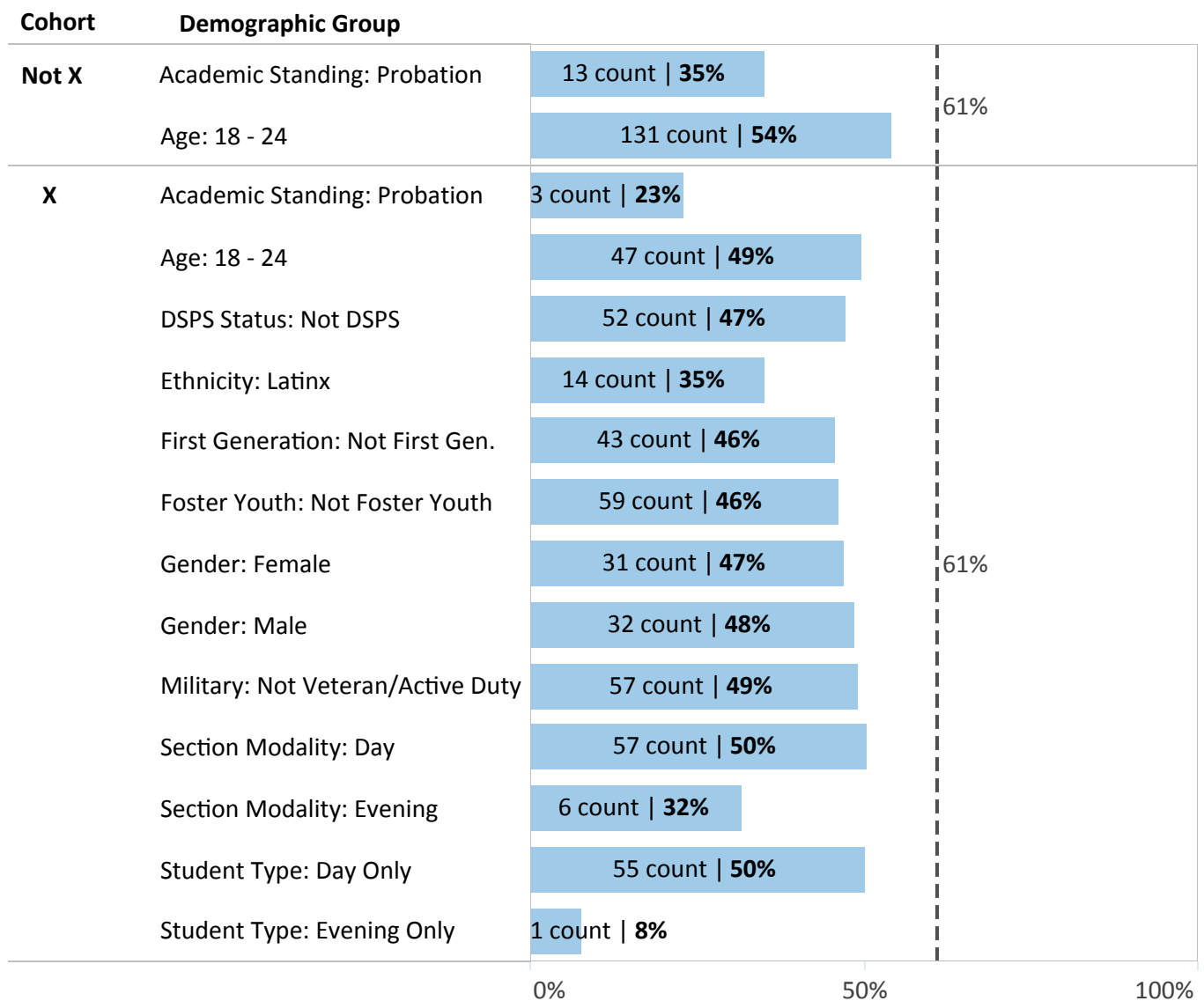
Cohort	Demographic Group		
Not X	Academic Standing: Probation	13 count | **35%**	61%
	Age: 18 - 24	131 count | **54%**	
X	Academic Standing: Probation	3 count | **23%**	
	Age: 18 - 24	47 count | **49%**	
	DSPS Status: Not DSPS	52 count | **47%**	
	Ethnicity: Latinx	14 count | **35%**	
	First Generation: Not First Gen.	43 count | **46%**	
	Foster Youth: Not Foster Youth	59 count | **46%**	
	Gender: Female	31 count | **47%**	61%
	Gender: Male	32 count | **48%**	
	Military: Not Veteran/Active Duty	57 count | **49%**	
	Section Modality: Day	57 count | **50%**	
	Section Modality: Evening	6 count | **32%**	
	Student Type: Day Only	55 count | **50%**	
	Student Type: Evening Only	1 count | **8%**	

0%   50%   100%

Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.

Figure 66
MATH 96 Annual Persistence Success Rates for DI Groups

Cohort	Demographic Group			
Not X	Academic Standing: Probation	16 count	**43%**	
	Ethnicity: African American	10 count	**38%**	60%

0%　　　　　　50%　　　　　　100%
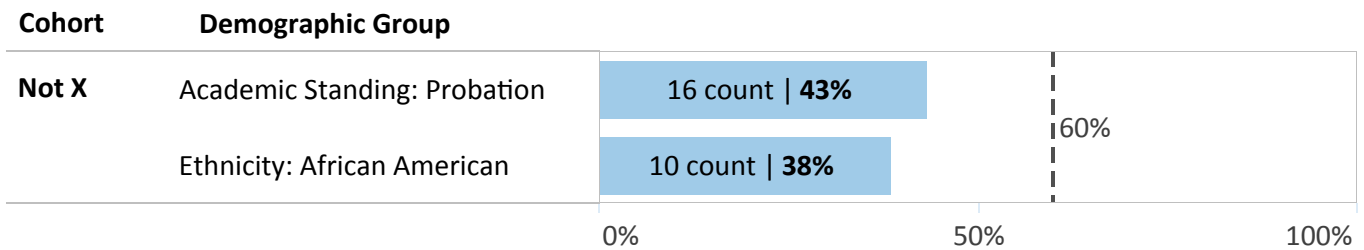
Figure 67
MATH 96 Term Course Repetition Retention Rates for DI Groups

Cohort	Demographic Group		
Not X	Age: 18 - 24	46 count	**70%**
	Ethnicity: White	11 count	**55%**
	Gender: Female	27 count	**66%**
	Military: Not Veteran/Active Duty	57 count	**71%**
	Section Modality: Day	34 count	**65%**
	Student Type: Day Only	32 count	**64%**

83%

0%　　　　　　50%　　　　　　100%
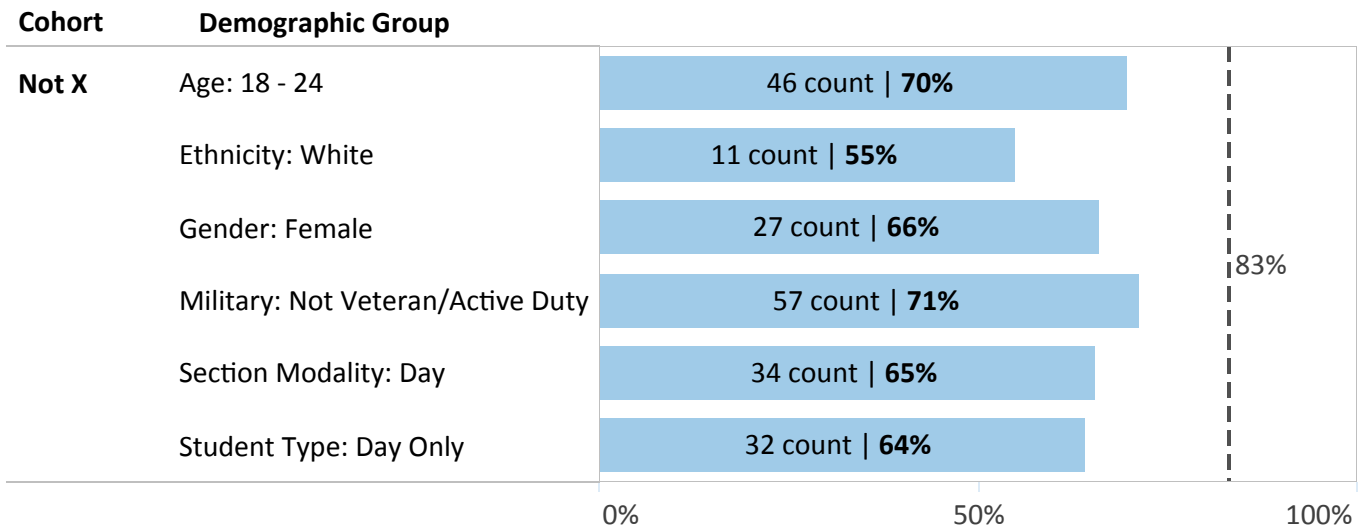
Figure 68
MATH 96 Term Course Repetition Success Rates for DI Groups
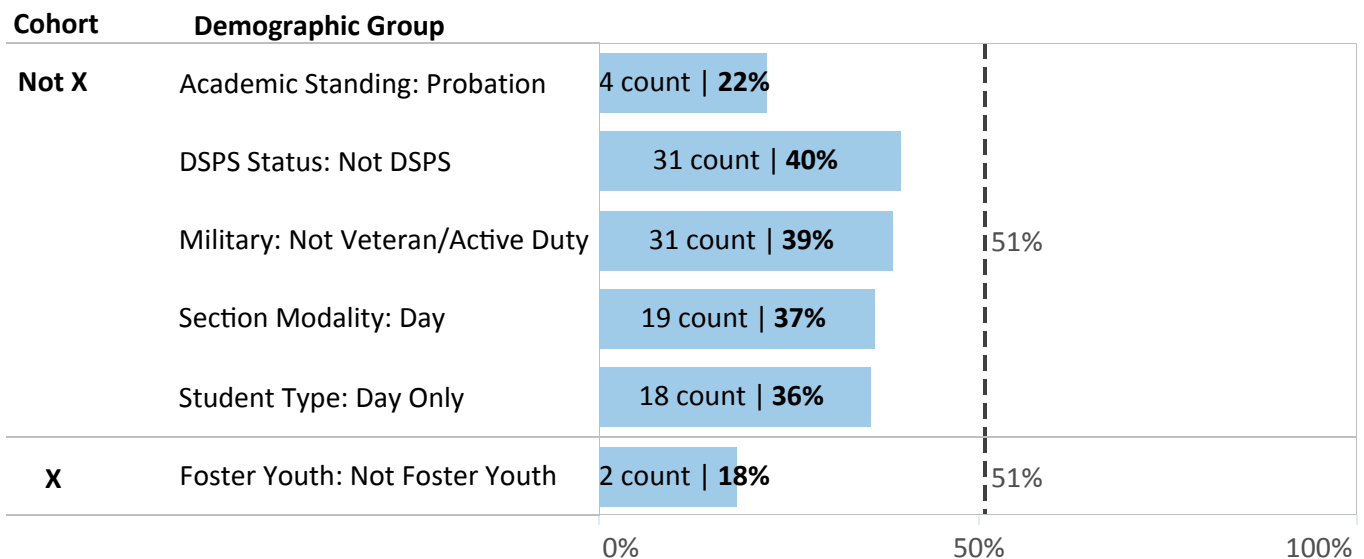
Cohort	Demographic Group		
Not X	Academic Standing: Probation	4 count	**22%**
	DSPS Status: Not DSPS	31 count	**40%**
	Military: Not Veteran/Active Duty	31 count	**39%**
	Section Modality: Day	19 count	**37%**
	Student Type: Day Only	18 count	**36%**
X	Foster Youth: Not Foster Youth	2 count	**18%**

51%

51%

0%　　　　　　50%　　　　　　100%

Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.

Figure 69
MATH 96 Annual Course Repetition Retention Rates for DI Groups

Cohort	Demographic Group

Not X

- Age: 18 - 24 — 37 count | **69%**
- Ethnicity: White — 8 count | **50%**
- Section Modality: Day — 25 count | **64%**
- Student Type: Day Only — 24 count | **63%**

Benchmark: 83%

0%   50%   100%
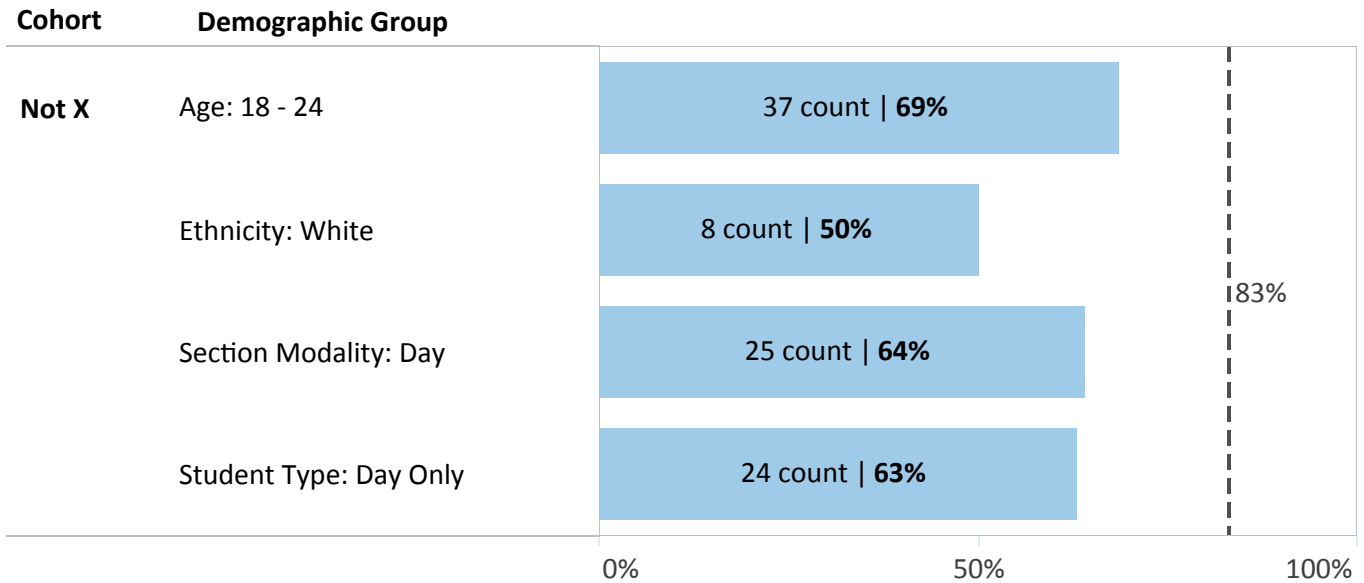
Figure 70
MATH 96 Annual Course Repetition Success Rates for DI Groups
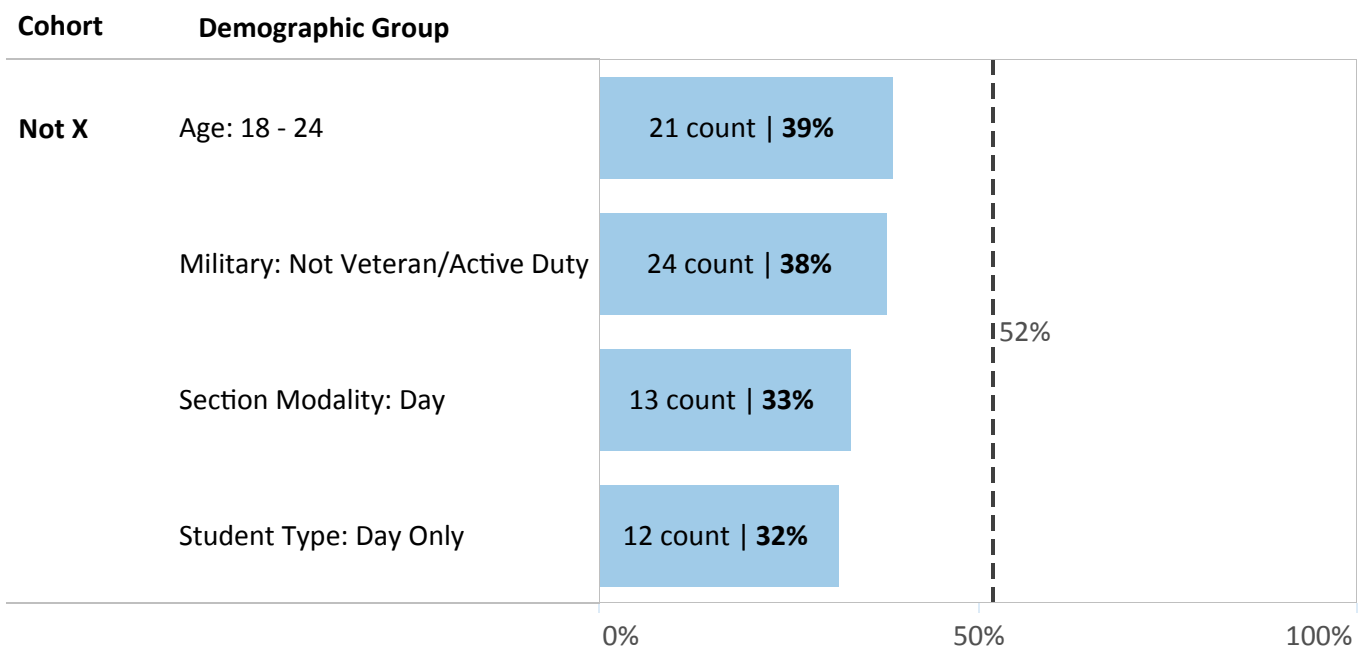
Cohort	Demographic Group

Not X

- Age: 18 - 24 — 21 count | **39%**
- Military: Not Veteran/Active Duty — 24 count | **38%**
- Section Modality: Day — 13 count | **33%**
- Student Type: Day Only — 12 count | **32%**

Benchmark: 52%

0%   50%   100%

Note. The benchmark cohort consists of students who took MATH 96 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.

MATH 116 & 116X Disproportionate Impacts (DIs)

Figure 71
MATH 116 Cohort Success Rates for DI Groups

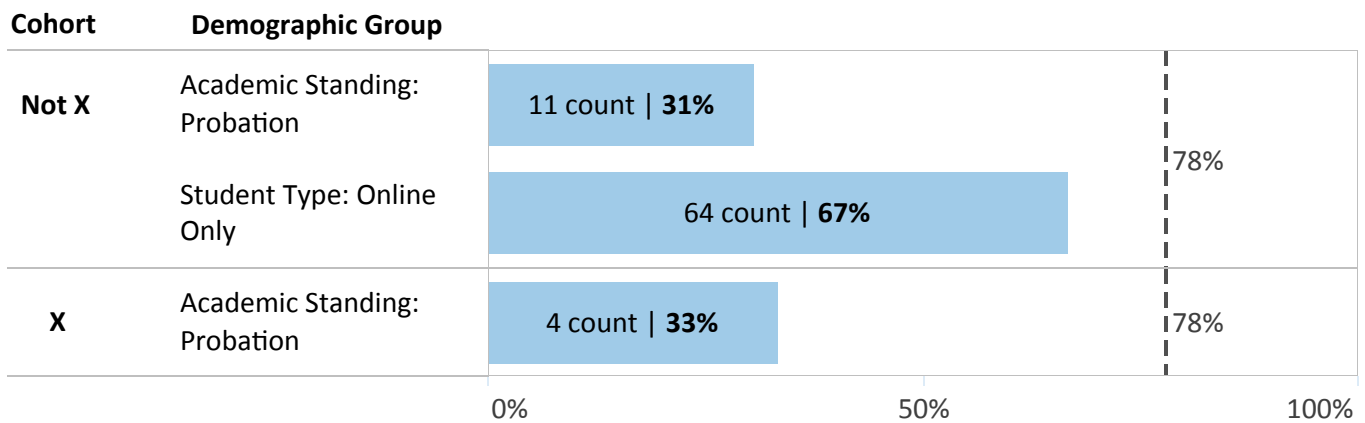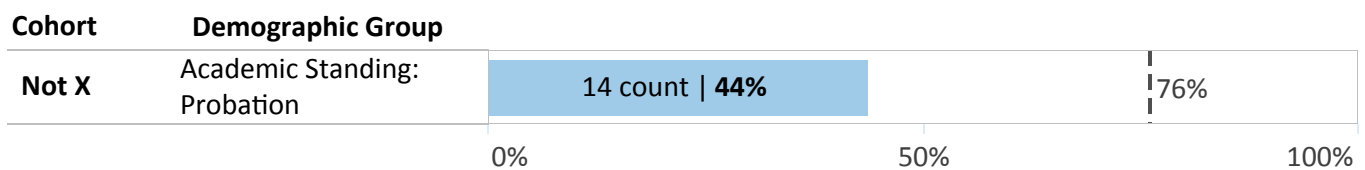| Cohort	Demographic Group	

Not X — Academic Standing: Disqualified — 1 count | **7%**

Academic Standing: Probation — 7 count | **21%**

63%

0% 50% 100%
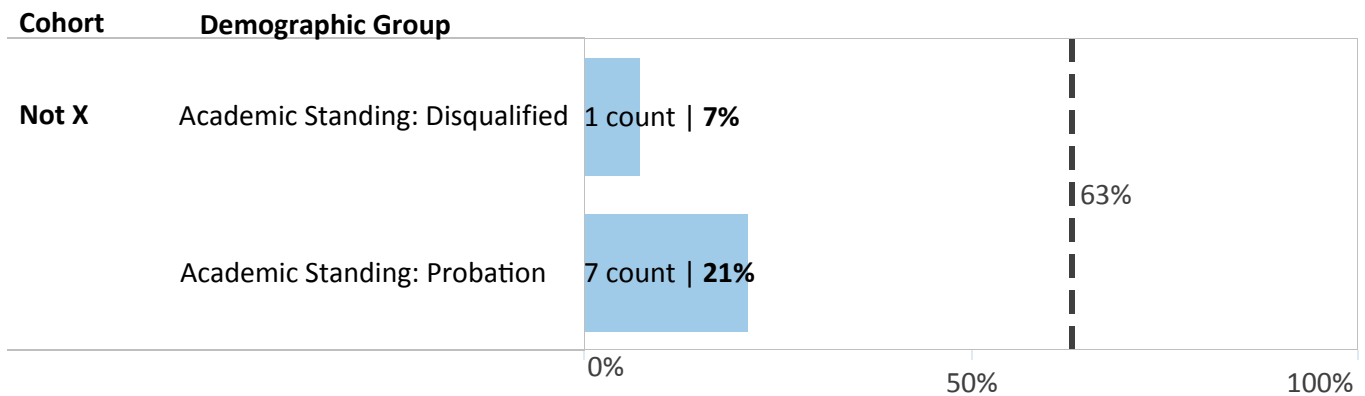
Figure 72
MATH 116 Term Persistence Success Rates for DI Groups
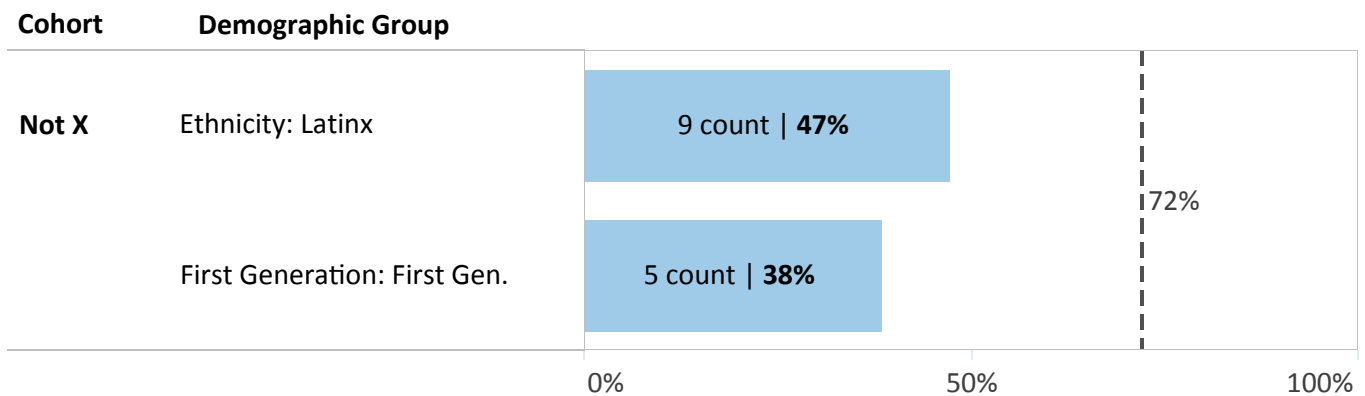
Cohort	Demographic Group	

Not X — Ethnicity: Latinx — 9 count | **47%**

First Generation: First Gen. — 5 count | **38%**

72%

0% 50% 100%

Note. The benchmark cohort consists of students who took MATH 116 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.
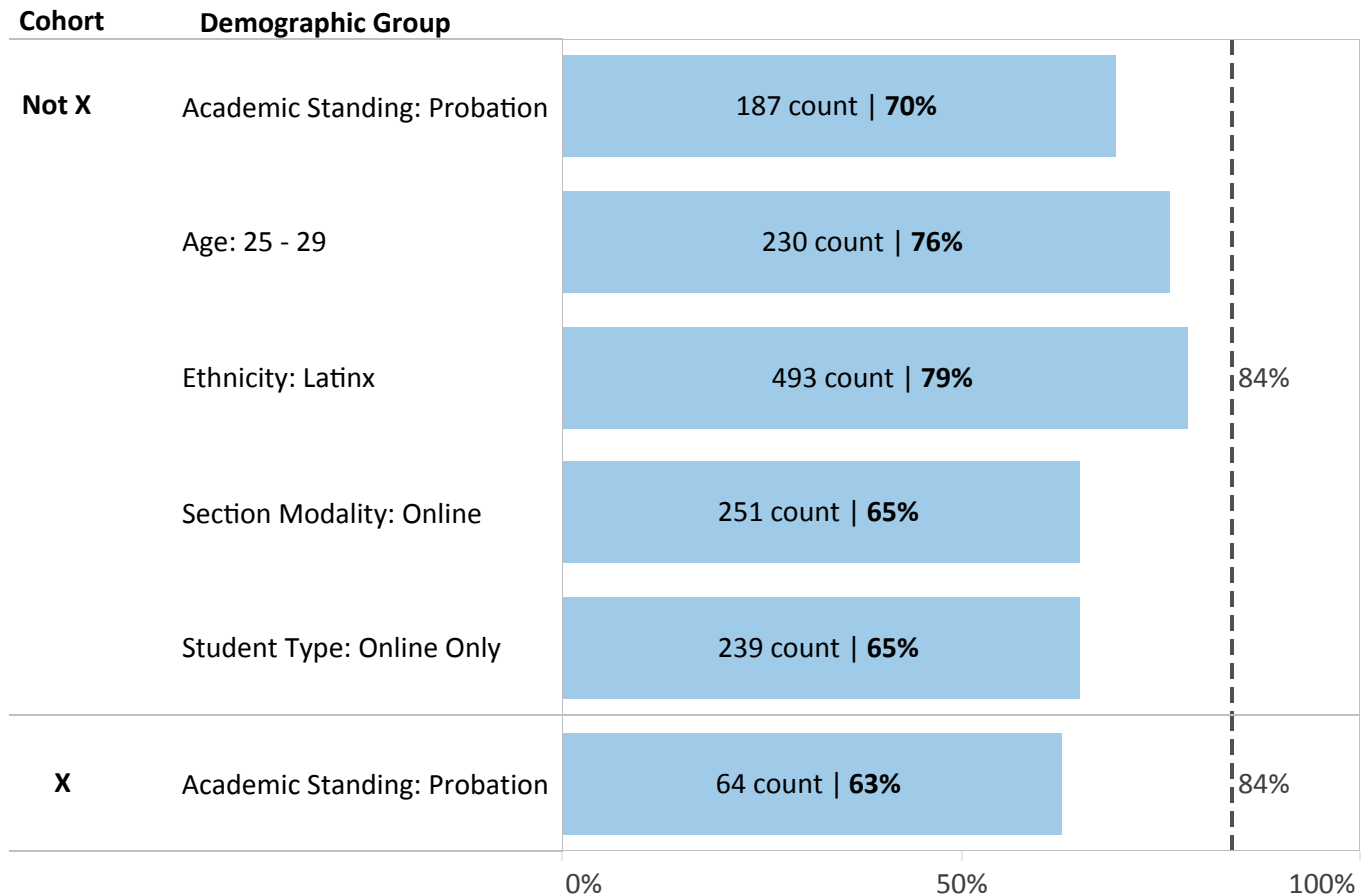
MATH 119 & 119X Disproportionate Impacts (DIs)

Figure 73
MATH 119 Cohort Retention Rates for DI Groups

Cohort	Demographic Group	
Not X	Academic Standing: Probation	25 count | **52%**
	DSPS Status: Unknown	310 count | **81%**
	Ethnicity: African American	23 count | **68%** 86%
	Section Modality: Online	88 count | **58%**
	Student Type: Online Only	83 count | **58%**
X	Academic Standing: Probation	23 count | **66%** 86%

0%   50%   100%

Figure 74
MATH 119 Term Persistence Retention Rates for DI Groups

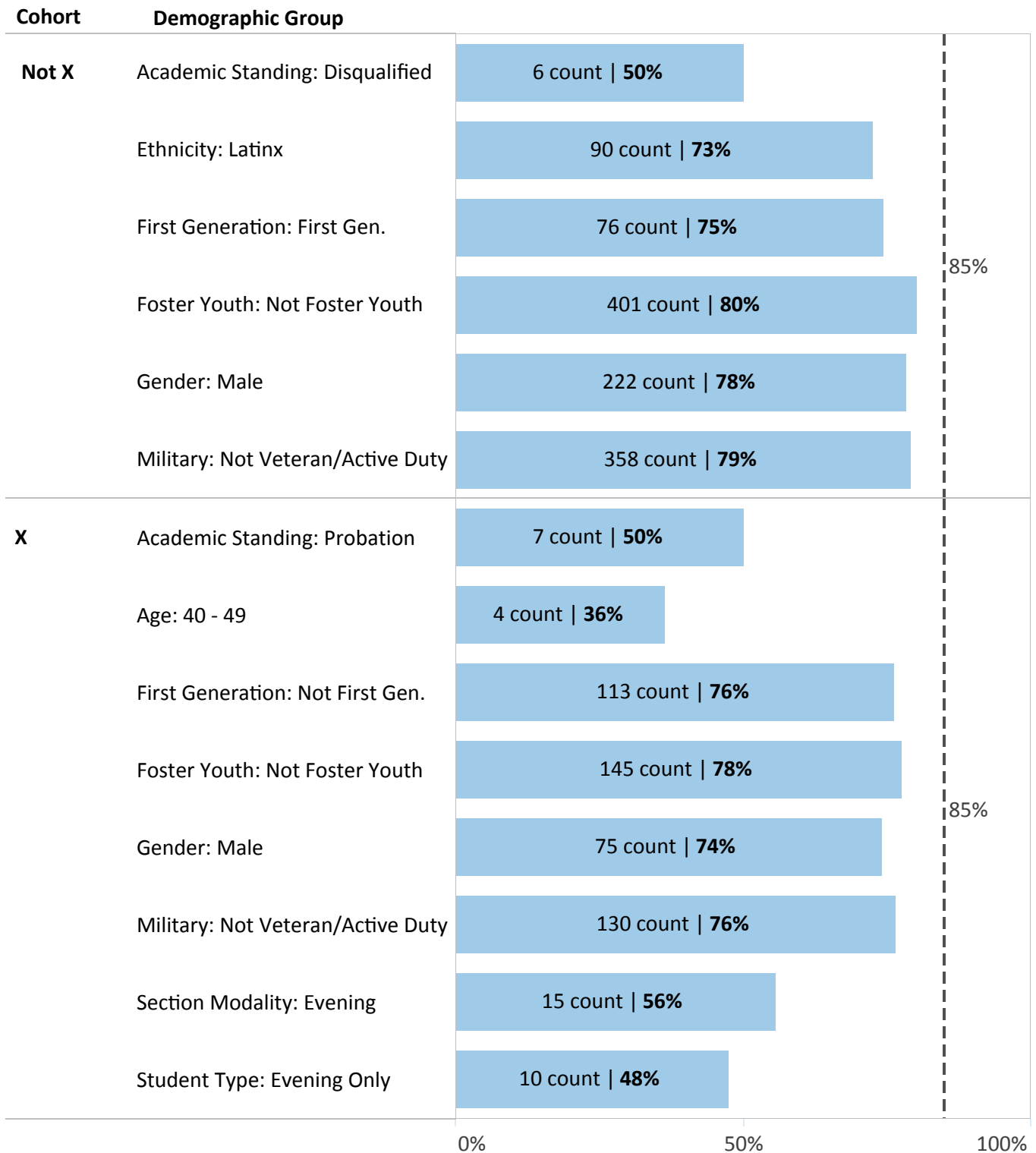| Cohort	Demographic Group	
Not X	Age: 25 - 29	11 count | **61%** 85%

0%   50%   100%

Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.

Figure 75
MATH 119 Cohort Success Rates for DI Groups

Cohort	Demographic Group	
Not X	Academic Standing: Disqualified	1 count | **5%**
	Academic Standing: Probation	5 count | **10%**
	Age: 18 - 24	360 count | **65%**
	Age: 25 - 29	62 count | **58%**
	DSPS Status: Not DSPS	229 count | **66%**
	Ethnicity: African American	16 count | **47%**
	Ethnicity: Latinx	118 count | **60%**
	First Generation: First Gen.	60 count | **59%**
	First Generation: Not First Gen.	230 count | **65%**
	Foster Youth: Not Foster Youth	491 count | **65%**
	Gender: Female	257 count | **65%**
	Gender: Male	239 count | **65%**
	Military: Not Veteran/Active Du..	438 count | **65%**
	Section Modality: Online	65 count | **43%**
	Student Type: Online Only	62 count | **43%**
X	Academic Standing: Probation	4 count | **11%**
	Age: 18 - 24	125 count | **53%**
	DSPS Status: DSPS	16 count | **36%**
	DSPS Status: Not DSPS	61 count | **59%**
	Ethnicity: Latinx	46 count | **43%**
	First Generation: First Gen.	22 count | **48%**
	First Generation: Not First Gen.	59 count | **53%**
	Foster Youth: Not Foster Youth	172 count | **54%**
	Gender: Female	103 count | **58%**
	Gender: Male	71 count | **49%**
	Military: Not Veteran/Active Du..	148 count | **51%**
	Section Modality: Day	129 count | **52%**
	Student Type: Day Only	122 count | **51%**

Benchmark: 72% (Not X), 72% (X)

0%   50%   100%
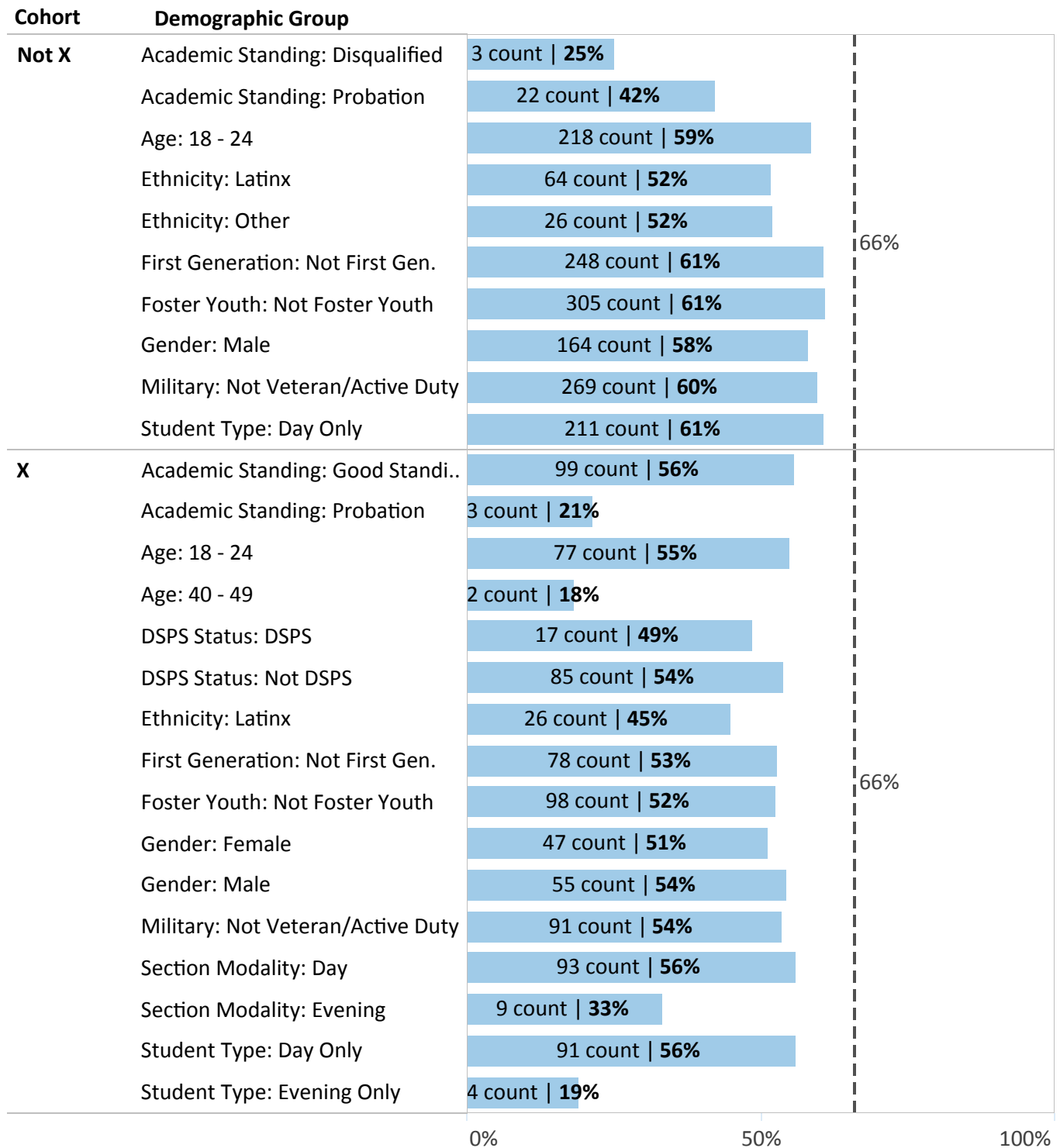
Note. The benchmark cohort consists of students who took MATH 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17. The benchmark rate, indicated by the dotted gray line, is the average for all students in that cohort.
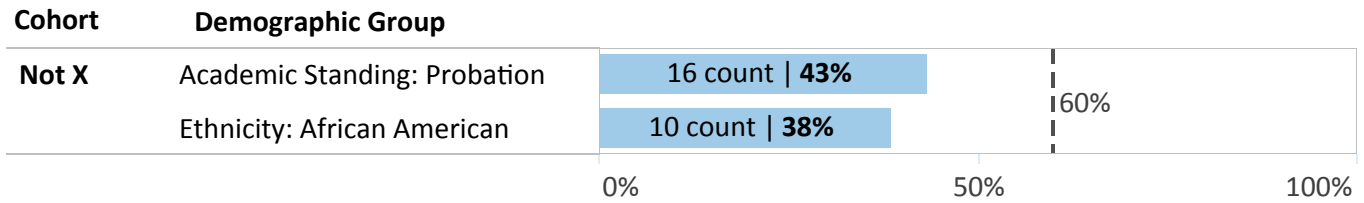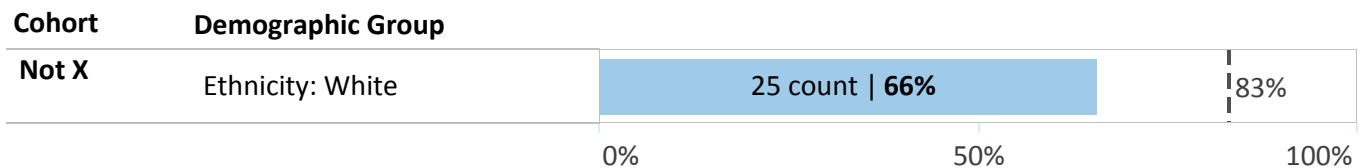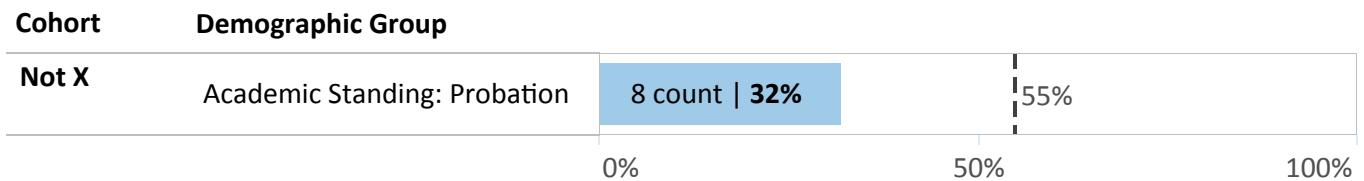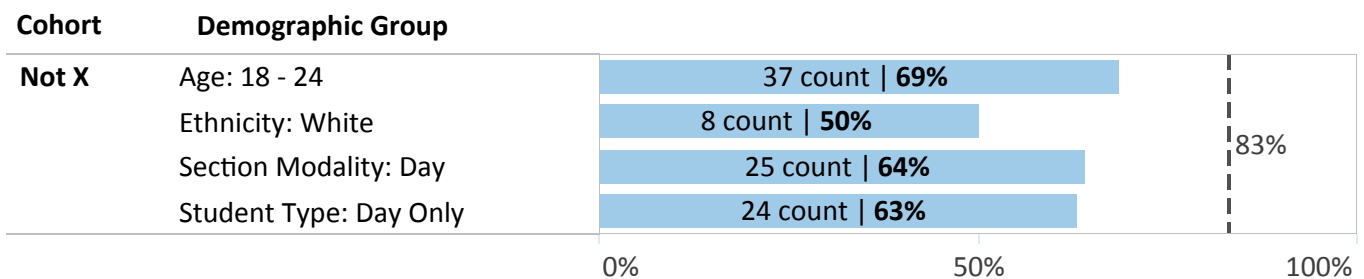
ENGL 101 & 101X Outcomes & Persistence by Gender

Table 49
ENGL 101 Cohort Outcomes by Gender

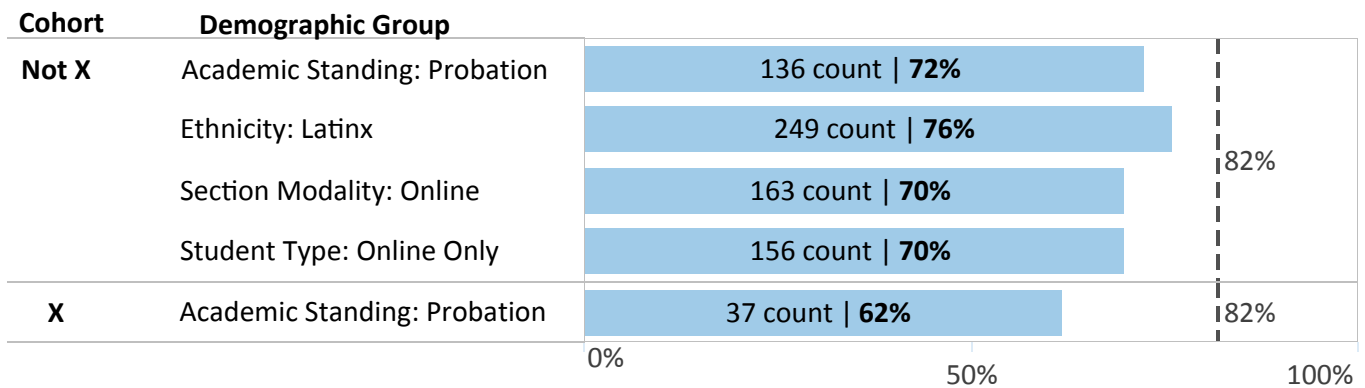| Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	Female	324	75	287	71	89%	95%	258	64	80%	85%
	Male	344	76	309	68	90%	89%	264	53	77%	70%
	Total	**668**	**151**	**596**	**139**	**89%**	**92%**	**522**	**117**	**78%**	**77%**
Spring 2019	Female	223	100	180	87	81%	87%	141	77	63%	77%
	Male	288	119	237	107	82%	90%	178	90	62%	76%
	Total	**511**	**219**	**417**	**194**	**82%**	**89%**	**319**	**167**	**62%**	**76%**
Fall 2019	Female	361	107	322	101	89%	94%	277	93	77%	87%
	Male	430	153	387	139	90%	91%	324	118	75%	77%
	Unknown	5	1	4	1	80%	100%	3	1	60%	100%
	Total	**796**	**261**	**713**	**241**	**90%**	**92%**	**604**	**212**	**76%**	**81%**
Grand Total		**1,975**	**631**	**1,726**	**574**	**87%**	**91%**	**1,445**	**496**	**73%**	**79%**
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 50
ENGL 101 Persistence Rates by Gender

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Female	324	75	147	44	45%	59%	181	54	56%	72%
	Male	344	76	142	30	41%	39%	176	36	51%	47%
	Total	**668**	**151**	**289**	**74**	**43%**	**49%**	**357**	**90**	**53%**	**60%**
Spring 2019	Female	223	100	77	32	35%	32%	102	40	46%	40%
	Male	288	119	89	44	31%	37%	116	52	40%	44%
	Total	**511**	**219**	**166**	**76**	**32%**	**35%**	**218**	**92**	**43%**	**42%**
Fall 2019	Female	361	107	156	28	43%	26%				
	Male	430	153	135	61	31%	40%				
	Unknown	5	1	1		20%					
	Total	**796**	**261**	**292**	**89**	**37%**	**34%**				
Grand Total		**1,975**	**631**	**747**	**239**	**38%**	**38%**	**575**	**182**	**49%**	**49%**
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 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 51
ENGL 101 Term Persistent Enrollment Outcomes by Gender

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Female	152	45	141	41	93%	91%	127	37	84%	82%
	Male	142	32	123	29	87%	91%	112	29	79%	91%
	Total	**294**	**77**	**264**	**70**	**90%**	**91%**	**239**	**66**	**81%**	**86%**
Spring 2019	Female	80	36	69	31	86%	86%	58	26	73%	72%
	Male	92	52	69	47	75%	90%	59	40	64%	77%
	Total	**172**	**88**	**138**	**78**	**80%**	**89%**	**117**	**66**	**68%**	**75%**
Grand Total		**466**	**165**	**402**	**148**	**86%**	**90%**	**356**	**132**	**76%**	**80%**
Benchmark	Female	739		654		88%		583		79%	
	Male	799		715		89%		618		77%	
Grand Total		**1,538**		**1,369**		**89%**		**1,201**		**78%**	

Table 52
ENGL 101 Annual Persistent Enrollment Outcomes by Gender

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Female	208	60	190	54	91%	90%	166	49	80%	82%
	Male	190	40	166	37	87%	93%	152	35	80%	88%
Grand Total		**398**	**100**	**356**	**91**	**89%**	**91%**	**318**	**84**	**80%**	**84%**
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 53

ENGL 101 Course Repetition Rates by Gender

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Fall 2018	Female	66	11	20	2	30%	18%	29	3	44%	27%
	Male	80	23	17	1	21%	4%	25	4	31%	17%
	Total	**146**	**34**	**37**	**3**	**25%**	**9%**	**54**	**7**	**37%**	**21%**
Spring 2019	Female	82	23	23	6	28%	26%	36	10	44%	43%
	Male	110	29	29	8	26%	28%	40	10	36%	34%
	Total	**192**	**52**	**52**	**14**	**27%**	**27%**	**76**	**20**	**40%**	**38%**
Fall 2019	Female	84	14	17	3	20%	21%				
	Male	106	35	15	9	14%	26%				
	Unknown	2		1		50%					
	Total	**192**	**49**	**33**	**12**	**17%**	**24%**				
Grand Total		**530**	**135**	**122**	**29**	**23%**	**21%**	**130**	**27**	**38%**	**31%**
Benchmark	Female	423		153		36%		219		52%	
	Male	633		172		27%		276		44%	
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 spri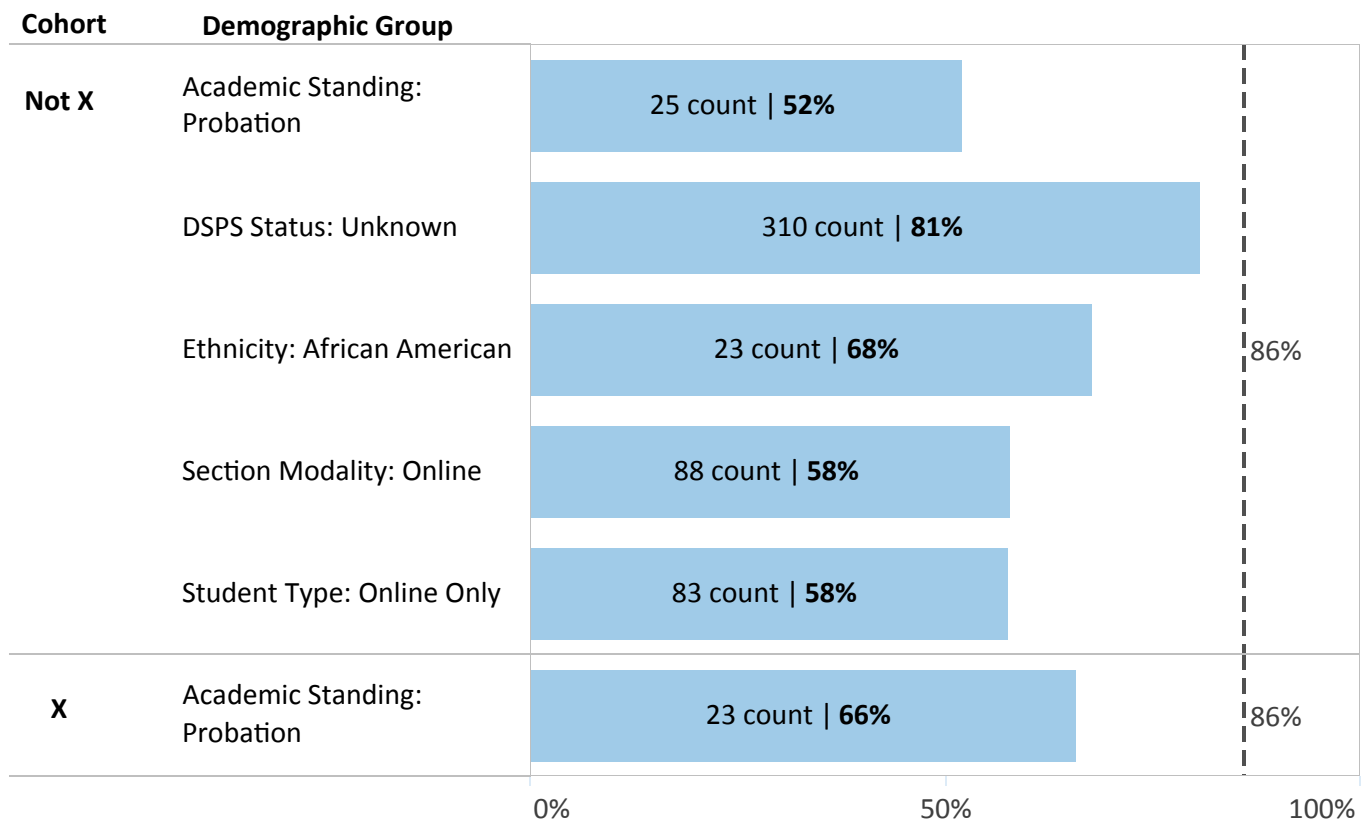ng. The benchmark cohort consists of students who took ENGL 101 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 54
ENGL 101 Term Course Repetition Outcomes by Gender

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Female	21	2	18	1	86%	50%	12	0	57%	0%
	Male	17	1	12	1	71%	100%	5	1	29%	100%
	Total	**38**	**3**	**30**	**2**	**79%**	**67%**	**17**	**1**	**45%**	**33%**
Spring 2019	Female	23	6	18	5	78%	83%	11	5	48%	83%
	Male	28	8	20	6	71%	75%	15	5	54%	63%
	Total	**51**	**14**	**38**	**11**	**75%**	**79%**	**26**	**10**	**51%**	**71%**
Grand Total		**89**	**17**	**68**	**13**	**76%**	**76%**	**43**	**11**	**48%**	**65%**
Benchmark	Female	156		123		79%		93		60%	
	Male	173		133		77%		87		50%	
Grand Total		**329**		**256**		**78%**		**180**		**55%**	

Table 55
ENGL 101 Annual Course Repetition Outcomes by Gender

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Female	33	3	30	1	91%	33%	18	0	55%	0%
	Male	27	4	20	4	74%	100%	13	3	48%	75%
Grand Total		**60**	**7**	**50**	**5**	**83%**	**71%**	**31**	**3**	**52%**	**43%**
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 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 & 101X Outcomes & Persistence by Ethnicity

Table 56
ENGL 101 Cohort Outcomes by Ethnicity

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	22	4	19	4	86%	100%	15	1	68%	25%
	American Indian	3		2		67%		2		67%	
	Asian/Pacific Islander	115	30	105	27	91%	90%	97	25	84%	83%
	Filipino/a	60	16	52	15	87%	94%	46	15	77%	94%
	Latinx	183	40	156	35	85%	88%	136	28	74%	70%
	White	216	44	197	43	91%	98%	173	34	80%	77%
	Other	62	16	58	14	94%	88%	46	13	74%	81%
	Unknown	7	1	7	1	100%	100%	7	1	100%	100%
	Total	**668**	**151**	**596**	**139**	**89%**	**92%**	**522**	**117**	**78%**	**77%**
Spring 2019	African American	21	14	20	12	95%	86%	14	12	67%	86%
	American Indian	2	1	2	0	100%	0%	2	0	100%	0%
	Asian/Pacific Islander	75	40	65	37	87%	93%	58	31	77%	78%
	Filipino/a	41	16	36	13	88%	81%	23	12	56%	75%
	Latinx	139	60	109	53	78%	88%	79	44	57%	73%
	White	172	72	137	63	80%	88%	110	54	64%	75%
	Other	51	12	40	12	78%	100%	27	10	53%	83%
	Unknown	10	4	8	4	80%	100%	6	4	60%	100%
	Total	**511**	**219**	**417**	**194**	**82%**	**89%**	**319**	**167**	**62%**	**76%**
Fall 2019	African American	22	8	20	7	91%	88%	13	7	59%	88%
	American Indian	2		1		50%		1		50%	
	Asian/Pacific Islander	124	45	112	41	90%	91%	105	36	85%	80%
	Filipino/a	83	37	79	33	95%	89%	64	30	77%	81%
	Latinx	227	66	199	63	88%	95%	164	53	72%	80%
	White	248	75	220	70	89%	93%	186	61	75%	81%
	Other	76	22	69	19	91%	86%	61	17	80%	77%
	Unknown	14	8	13	8	93%	100%	10	8	71%	100%
	Total	**796**	**261**	**713**	**241**	**90%**	**92%**	**604**	**212**	**76%**	**81%**
Grand Total		**1,975**	**631**	**1,726**	**574**	**87%**	**91%**	**1,445**	**496**	**73%**	**79%**
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**		**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 57
ENGL 101 Persistence Rates by Ethnicity

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	22	4	7	1	32%	25%	9	1	41%	25%
	American Indian	3		1		33%		1		33%	
	Asian/Pacific Islander	115	30	66	11	57%	37%	79	14	69%	47%
	Filipino/a	60	16	24	8	40%	50%	33	13	55%	81%
	Latinx	183	40	71	16	39%	40%	90	18	49%	45%
	White	216	44	89	28	41%	64%	106	32	49%	73%
	Other	62	16	27	9	44%	56%	35	11	56%	69%
	Unknown	7	1	4	1	57%	100%	4	1	57%	100%
	Total	**668**	**151**	**289**	**74**	**43%**	**49%**	**357**	**90**	**53%**	**60%**
Spring 2019	African American	21	14	6	7	29%	50%	10	7	48%	50%
	American Indian	2	1								
	Asian/Pacific Islander	75	40	32	17	43%	43%	40	22	53%	55%
	Filipino/a	41	16	12	10	29%	63%	18	11	44%	69%
	Latinx	139	60	39	17	28%	28%	52	19	37%	32%
	White	172	72	59	22	34%	31%	71	28	41%	39%
	Other	51	12	15	2	29%	17%	23	4	45%	33%
	Unknown	10	4	3	1	30%	25%	4	1	40%	25%
	Total	**511**	**219**	**166**	**76**	**32%**	**35%**	**218**	**92**	**43%**	**42%**
Fall 2019	African American	22	8	5	1	23%	13%				
	American Indian	2									
	Asian/Pacific Islander	124	45	46	20	37%	44%				
	Filipino/a	83	37	31	13	37%	35%				
	Latinx	227	66	74	16	33%	24%				
	White	248	75	95	28	38%	37%				
	Other	76	22	35	8	46%	36%				
	Unknown	14	8	6	3	43%	38%				
	Total	**796**	**261**	**292**	**89**	**37%**	**34%**				
Grand Total		**1,975**	**631**	**747**	**239**	**38%**	**38%**	**575**	**182**	**49%**	**49%**
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		432		36%		570		47%	
	Other	334		122		37%		167		50%	
	Unknown	57		25		44%		32		56%	
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 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 58

ENGL 101 Term Persistent Enrollment Outcomes by Ethnicity

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	7	1	7	1	100%	100%	6	1	86%	100%
	American Indian	1		1		100%		1		100%	
	Asian/Pacific Islander	68	12	63	11	93%	92%	59	11	87%	92%
	Filipino/a	24	8	24	8	100%	100%	22	8	92%	100%
	Latinx	71	16	63	14	89%	88%	56	14	79%	88%
	White	90	29	77	26	86%	90%	72	24	80%	83%
	Other	29	10	25	9	86%	90%	19	7	66%	70%
	Unknown	4	1	4	1	100%	100%	4	1	100%	100%
	Total	**294**	**77**	**264**	**70**	**90%**	**91%**	**239**	**66**	**81%**	**86%**
Spring 2019	African American	6	7	5	7	83%	100%	2	5	33%	71%
	Asian/Pacific Islander	33	19	28	16	85%	84%	26	15	79%	79%
	Filipino/a	12	12	10	9	83%	75%	10	8	83%	67%
	Latinx	43	19	34	18	79%	95%	29	15	67%	79%
	White	61	28	47	27	77%	96%	37	22	61%	79%
	Other	15	2	12	1	80%	50%	11	1	73%	50%
	Unknown	2	1	2	0	100%	0%	2	0	100%	0%
	Total	**172**	**88**	**138**	**78**	**80%**	**89%**	**117**	**66**	**68%**	**75%**
Grand Total		**466**	**165**	**402**	**148**	**86%**	**90%**	**356**	**132**	**76%**	**80%**

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**		**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 59

ENGL 101 Annual Persistent Enrollment Outcomes by Ethnicity

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	10	2	10	2	100%	100%	9	2	90%	100%
	American Indian	1		1		100%		1		100%	
	Asian/Pacific Islander	88	15	79	13	90%	87%	73	13	83%	87%
	Filipino/a	35	13	35	13	100%	100%	32	13	91%	100%
	Latinx	96	19	81	17	84%	89%	69	17	72%	89%
	Other	41	13	37	11	90%	85%	28	8	68%	62%
	Unknown	5	1	5	1	100%	100%	5	1	100%	100%
	White	122	37	108	34	89%	92%	101	30	83%	81%
Grand Total		**398**	**100**	**356**	**91**	**89%**	**91%**	**318**	**84**	**80%**	**84%**
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**		**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 60
ENGL 101 Course Repetition Rates by Ethnicity

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	7	3	1		14%		1		14%	
	American Indian	1									
	Asian/Pacific Islander	18	5	8		44%		12	1	67%	20%
	Filipino/a	14	1	6		43%		7		50%	
	Latinx	47	12	8	1	17%	8%	14	2	30%	17%
	White	43	10	7	1	16%	10%	11	3	26%	30%
	Other	16	3	7	1	44%	33%	9	1	56%	33%
	Total	**146**	**34**	**37**	**3**	**25%**	**9%**	**54**	**7**	**37%**	**21%**
Spring 2019	African American	7	2	2		29%		6		86%	
	American Indian		1								
	Asian/Pacific Islander	17	9	4	1	24%	11%	6	2	35%	22%
	Filipino/a	18	4	3	3	17%	75%	6	3	33%	75%
	Latinx	60	16	16	2	27%	13%	19	3	32%	19%
	White	62	18	21	7	34%	39%	27	10	44%	56%
	Other	24	2	5	1	21%	50%	10	2	42%	100%
	Unknown	4		1		25%		2		50%	
	Total	**192**	**52**	**52**	**14**	**27%**	**27%**	**76**	**20**	**40%**	**38%**
Fall 2019	African American	9	1	3		33%					
	American Indian	1									
	Asian/Pacific Islander	19	9	3	4	16%	44%				
	Filipino/a	19	7	3	1	16%	14%				
	Latinx	63	13	10	1	16%	8%				
	White	62	14	11	4	18%	29%				
	Other	15	5	3	2	20%	40%				
	Unknown	4									
	Total	**192**	**49**	**33**	**12**	**17%**	**24%**				
Grand Total		**530**	**135**	**122**	**29**	**23%**	**21%**	**130**	**27**	**38%**	**31%**
Benchmark	African American	53		19		36%		27		51%	
	American Indian	2									
	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**		**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 61
ENGL 101 Term Course Repetition Outcomes by Ethnicity

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	African American	1		1		100%		1		100%	
	Asian/Pacific Islander	9		8		89%		6		67%	
	Filipino/a	6		6		100%		4		67%	
	Latinx	8	1	5	0	63%	0%	4	0	50%	0%
	White	7	1	5	1	71%	100%	2	1	29%	100%
	Other	7	1	5	1	71%	100%	0	0	0%	0%
	Total	**38**	**3**	**30**	**2**	**79%**	**67%**	**17**	**1**	**45%**	**33%**
Spring 2019	African American	2		1		50%		0		0%	
	Asian/Pacific Islander	4	1	3	1	75%	100%	2	1	50%	100%
	Filipino/a	2	3	2	2	100%	67%	2	2	100%	67%
	Latinx	16	2	12	2	75%	100%	10	1	63%	50%
	White	21	7	15	6	71%	86%	8	6	38%	86%
	Other	5	1	4	0	80%	0%	3	0	60%	0%
	Unknown	1		1		100%		1		100%	
	Total	**51**	**14**	**38**	**11**	**75%**	**79%**	**26**	**10**	**51%**	**71%**
Grand Total		**89**	**17**	**68**	**13**	**76%**	**76%**	**43**	**11**	**48%**	**65%**
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**		**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 62

ENGL 101 Annual Course Repetition Outcomes by Ethnicity

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	1		1		100%		1		100%	
	Asian/Pacific Islander	13	1	12	0	92%	0%	9	0	69%	0%
	Filipino/a	7		7		100%		5		71%	
	Latinx	18	2	13	1	72%	50%	9	1	50%	50%
	White	11	3	9	3	82%	100%	5	2	45%	67%
	Other	10	1	8	1	80%	100%	2	0	20%	0%
Grand Total		**60**	**7**	**50**	**5**	**83%**	**71%**	**31**	**3**	**52%**	**43%**
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**		**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 & 101X Outcomes & Persistence by Age

Table 63
ENGL 101 Cohort Outcomes by Age

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	17 and <	6	1	6	1	100%	100%	6	1	100%	100%
	18 - 24	515	133	469	121	91%	91%	410	99	80%	74%
	25 - 29	69	10	59	10	86%	100%	48	10	70%	100%
	30 - 39	43	5	32	5	74%	100%	30	5	70%	100%
	40 - 49	26	1	23	1	88%	100%	22	1	85%	100%
	50 and >	9	1	7	1	78%	100%	6	1	67%	100%
	Total	**668**	**151**	**596**	**139**	**89%**	**92%**	**522**	**117**	**78%**	**77%**
Spring 2019	17 and <	1	1	1	1	100%	100%	1	1	100%	100%
	18 - 24	354	168	295	149	83%	89%	214	125	60%	74%
	25 - 29	63	24	52	22	83%	92%	41	21	65%	88%
	30 - 39	60	17	43	15	72%	88%	38	14	63%	82%
	40 - 49	25	7	22	6	88%	86%	21	5	84%	71%
	50 and >	8	2	4	1	50%	50%	4	1	50%	50%
	Total	**511**	**219**	**417**	**194**	**82%**	**89%**	**319**	**167**	**62%**	**76%**
Fall 2019	17 and <	110	25	104	23	95%	92%	94	22	85%	88%
	18 - 24	565	176	506	163	90%	93%	422	139	75%	79%
	25 - 29	63	24	53	22	84%	92%	43	20	68%	83%
	30 - 39	41	22	36	20	88%	91%	33	18	80%	82%
	40 - 49	12	7	11	7	92%	100%	9	7	75%	100%
	50 and >	5	7	3	6	60%	86%	3	6	60%	86%
	Total	**796**	**261**	**713**	**241**	**90%**	**92%**	**604**	**212**	**76%**	**81%**
Grand Total		**1,975**	**631**	**1,726**	**574**	**87%**	**91%**	**1,445**	**496**	**73%**	**79%**
Benchmark	17 and <	34		33		97%		31		91%	
	18 - 24	2,973		2,583		87%		2,126		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		**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 64
ENGL 101 Persistence Rates by Age

Cohort	Group	Cohort Headcount Not X	X	Term Persistence Count Not X	X	Term Persistence Rate Not X	X	Annual Persistence Count Not X	X	Annual Persistence Rate Not X	X
Fall 2018	17 and <	6	1	3		50%		4		67%	
	18 - 24	515	133	250	67	49%	50%	310	83	60%	62%
	25 - 29	69	10	24	3	35%	30%	28	3	41%	30%
	30 - 39	43	5	7	4	16%	80%	10	4	23%	80%
	40 - 49	26	1	2		8%		2		8%	
	50 and >	9	1	3		33%		3		33%	
	Total	**668**	**151**	**289**	**74**	**43%**	**49%**	**357**	**90**	**53%**	**60%**
Spring 2019	17 and <	1	1	1	1	100%	100%	1	1	100%	100%
	18 - 24	354	168	129	59	36%	35%	175	74	49%	44%
	25 - 29	63	24	17	6	27%	25%	20	7	32%	29%
	30 - 39	60	17	11	8	18%	47%	13	8	22%	47%
	40 - 49	25	7	7	1	28%	14%	8	1	32%	14%
	50 and >	8	2	1	1	13%	50%	1	1	13%	50%
	Total	**511**	**219**	**166**	**76**	**32%**	**35%**	**218**	**92**	**43%**	**42%**
Fall 2019	17 and <	110	25	46	9	42%	36%				
	18 - 24	565	176	224	64	40%	36%				
	25 - 29	63	24	13	8	21%	33%				
	30 - 39	41	22	7	7	17%	32%				
	40 - 49	12	7	2		17%					
	50 and >	5	7		1		14%				
	Total	**796**	**261**	**292**	**89**	**37%**	**34%**				
Grand Total		**1,975**	**631**	**747**	**239**	**38%**	**38%**	**575**	**182**	**49%**	**49%**
Benchmark	17 and <	34		8		24%		11		32%	
	18 - 24	2,973		1,283		43%		1,676		56%	
	25 - 29	397		130		33%		158		40%	
	30 - 39	246		51		21%		74		30%	
	40 - 49	85		12		14%		18		21%	
	50 and >	35		10		29%		13		37%	
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 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 65
ENGL 101 Term Persistent Enrollment Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	17 and <	3		2		67%		2		67%	
	18 - 24	253	70	230	63	91%	90%	209	59	83%	84%
	25 - 29	25	3	22	3	88%	100%	18	3	72%	100%
	30 - 39	7	4	6	4	86%	100%	6	4	86%	100%
	40 - 49	2		1		50%		1		50%	
	50 and >	4		3		75%		3		75%	
	Total	**294**	**77**	**264**	**70**	**90%**	**91%**	**239**	**66**	**81%**	**86%**
Spring 2019	17 and <	1	1	1	1	100%	100%	1	1	100%	100%
	18 - 24	136	68	110	58	81%	85%	94	48	69%	71%
	25 - 29	17	6	12	6	71%	100%	9	4	53%	67%
	30 - 39	11	10	10	10	91%	100%	9	10	82%	100%
	40 - 49	6	1	4	1	67%	100%	4	1	67%	100%
	50 and >	1	2	1	2	100%	100%	0	2	0%	100%
	Total	**172**	**88**	**138**	**78**	**80%**	**89%**	**117**	**66**	**68%**	**75%**
Grand Total		**466**	**165**	**402**	**148**	**86%**	**90%**	**356**	**132**	**76%**	**80%**
Benchmark	17 and <	9		9		100%		9		100%	
	18 - 24	1,317		1,173		89%		1,024		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		**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 66

ENGL 101 Annual Persistent Enrollment Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	17 and <	4		3		75%		2		50%	
	18 - 24	344	92	309	83	90%	90%	279	76	81%	83%
	25 - 29	32	4	29	4	91%	100%	23	4	72%	100%
	30 - 39	10	4	9	4	90%	100%	8	4	80%	100%
	40 - 49	3		2		67%		2		67%	
	50 and >	5		4		80%		4		80%	
Grand Total		**398**	**100**	**356**	**91**	**89%**	**91%**	**318**	**84**	**80%**	**84%**
Benchmark	17 and <	15		15		100%		14		93%	
	18 - 24	1,962		1,728		88%		1,483		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		**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 67

ENGL 101 Course Repetition Rates by Age

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Fall 2018	18 - 24	105	34	29	3	28%	9%	43	7	41%	21%
	25 - 29	21		5		24%		6		29%	
	30 - 39	13						2		15%	
	40 - 49	4									
	50 and >	3		3		100%		3		100%	
	Total	**146**	**34**	**37**	**3**	**25%**	**9%**	**54**	**7**	**37%**	**21%**
Spring 2019	18 - 24	140	43	38	11	27%	26%	59	16	42%	37%
	25 - 29	22	3	10		45%		10	1	45%	33%
	30 - 39	22	3	2	2	9%	67%	4	2	18%	67%
	40 - 49	4	2	1		25%		2		50%	
	50 and >	4	1	1	1	25%	100%	1	1	25%	100%
	Total	**192**	**52**	**52**	**14**	**27%**	**27%**	**76**	**20**	**40%**	**38%**
Fall 2019	17 and <	16	3	2	1	13%	33%				
	18 - 24	143	37	25	7	17%	19%				
	25 - 29	20	4	3	1	15%	25%				
	30 - 39	8	4	3	2	38%	50%				
	40 - 49	3									
	50 and >	2	1		1		100%				
	Total	**192**	**49**	**33**	**12**	**17%**	**24%**				
Grand Total		**530**	**135**	**122**	**29**	**23%**	**21%**	**130**	**27**	**38%**	**31%**
Benchmark	17 and <	3									
	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		**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 68
ENGL 101 Term Course Repetition Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	18 - 24	29	3	23	2	79%	67%	12	1	41%	33%
	25 - 29	6		5		83%		3		50%	
	50 and >	3		2		67%		2		67%	
	Total	**38**	**3**	**30**	**2**	**79%**	**67%**	**17**	**1**	**45%**	**33%**
Spring 2019	18 - 24	37	11	29	8	78%	73%	22	7	59%	64%
	25 - 29	10		7		70%		4		40%	
	30 - 39	2	2	1	2	50%	100%	0	2	0%	100%
	40 - 49	1		0		0%		0		0%	
	50 and >	1	1	1	1	100%	100%	0	1	0%	100%
	Total	**51**	**14**	**38**	**11**	**75%**	**79%**	**26**	**10**	**51%**	**71%**
Grand Total		**89**	**17**	**68**	**13**	**76%**	**76%**	**43**	**11**	**48%**	**65%**
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**		**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 69

ENGL 101 Annual Course Repetition Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	18 - 24	47	7	39	5	83%	71%	25	3	53%	43%
	25 - 29	8		7		88%		3		38%	
	30 - 39	2		2		100%		1		50%	
	50 and >	3		2		67%		2		67%	
Grand Total		**60**	**7**	**50**	**5**	**83%**	**71%**	**31**	**3**	**52%**	**43%**
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**		**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 & 101X Outcomes & Persistence by Academic Standing

Table 70
ENGL 101 Cohort Outcomes by Academic Standing

Cohort	Group	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Fall 2018	Good Standing	575	131	530	127	92%	97%	493	114	86%	87%
	Probation	75	15	55	10	73%	67%	24	3	32%	20%
	Disqualified	18	5	11	2	61%	40%	5	0	28%	0%
	Total	**668**	**151**	**596**	**139**	**89%**	**92%**	**522**	**117**	**78%**	**77%**
Spring 2019	Good Standing	403	172	355	158	88%	92%	306	145	76%	84%
	Probation	72	30	41	23	57%	77%	12	15	17%	50%
	Disqualified	36	17	21	13	58%	76%	1	7	3%	41%
	Total	**511**	**219**	**417**	**194**	**82%**	**89%**	**319**	**167**	**62%**	**76%**
Fall 2019	Good Standing	686	219	637	211	93%	96%	566	198	83%	90%
	Probation	87	34	64	24	74%	71%	31	12	36%	35%
	Disqualified	21	8	10	6	48%	75%	5	2	24%	25%
	Unknown	2		2		100%		2		100%	
	Total	**796**	**261**	**713**	**241**	**90%**	**92%**	**604**	**212**	**76%**	**81%**
Grand Total		**1,975**	**631**	**1,726**	**574**	**87%**	**91%**	**1,445**	**496**	**73%**	**79%**
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 71
ENGL 101 Persistence Rates by Academic Standing

Cohort	Group	Cohort Headcount Not X	X	Term Persistence Count Not X	X	Term Persistence Rate Not X	X	Annual Persitence Count Not X	X	Annual Persistence Rate Not X	X
Fall 2018	Good Standing	575	131	268	69	47%	53%	328	84	57%	64%
	Probation	75	15	20	5	27%	33%	27	6	36%	40%
	Disqualified	18	5	1		6%		2		11%	
	Total	**668**	**151**	**289**	**74**	**43%**	**49%**	**357**	**90**	**53%**	**60%**
Spring 2019	Good Standing	403	172	142	70	35%	41%	180	84	45%	49%
	Probation	72	30	16	4	22%	13%	28	5	39%	17%
	Disqualified	36	17	8	2	22%	12%	10	3	28%	18%
	Total	**511**	**219**	**166**	**76**	**32%**	**35%**	**218**	**92**	**43%**	**42%**
Fall 2019	Good Standing	686	219	269	77	39%	35%				
	Probation	87	34	21	12	24%	35%				
	Disqualified	21	8	1		5%					
	Unknown	2		1		50%					
	Total	**796**	**261**	**292**	**89**	**37%**	**34%**				
Grand Total		**1,975**	**631**	**747**	**239**	**38%**	**38%**	**575**	**182**	**49%**	**49%**

Cohort	Group	Cohort Headcount	Term Persistence Count	Term Persistence Rate	Annual Persitence Count	Annual Persistence Rate
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 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 72
ENGL 101 Term Persistent Enrollment Outcomes by Academic Standing

Cohort	Group	Not X	X	Not X	X	Not X	X	Not X	X	Success Rate Not X	X
Fall 2018	Good Standing	273	71	248	67	91%	94%	232	65	85%	92%
	Probation	20	6	15	3	75%	50%	7	1	35%	17%
	Disqualified	1		1		100%		0		0%	
	Total	**294**	**77**	**264**	**70**	**90%**	**91%**	**239**	**66**	**81%**	**86%**
Spring 2019	Good Standing	148	79	125	70	84%	89%	110	60	74%	76%
	Probation	16	6	8	5	50%	83%	4	3	25%	50%
	Disqualified	8	3	5	3	63%	100%	3	3	38%	100%
	Total	**172**	**88**	**138**	**78**	**80%**	**89%**	**117**	**66**	**68%**	**75%**
Grand Total		**466**	**165**	**402**	**148**	**86%**	**90%**	**356**	**132**	**76%**	**80%**
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 73
ENGL 101 Annual Persistent Enrollment Outcomes by Academic Standing

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Fall 2018	Good Standing	363	93	327	87	90%	94%	302	82	83%	88%
	Probation	32	7	26	4	81%	57%	14	2	44%	29%
	Disqualified	3		3		100%		2		67%	
Grand Total		**398**	**100**	**356**	**91**	**89%**	**91%**	**318**	**84**	**80%**	**84%**
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 74
ENGL 101 Course Repetition Rates by Academic Standing

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Good Standing	82	17	24	1	29%	6%	35	4	43%	24%
	Probation	51	12	12	2	24%	17%	17	3	33%	25%
	Disqualified	13	5	1		8%		2		15%	
	Total	**146**	**34**	**37**	**3**	**25%**	**9%**	**54**	**7**	**37%**	**21%**
Spring 2019	Good Standing	97	27	34	11	35%	41%	46	15	47%	56%
	Probation	60	15	11	2	18%	13%	21	3	35%	20%
	Disqualified	35	10	7	1	20%	10%	9	2	26%	20%
	Total	**192**	**52**	**52**	**14**	**27%**	**27%**	**76**	**20**	**40%**	**38%**
Fall 2019	Good Standing	120	21	27	5	23%	24%				
	Probation	56	22	6	7	11%	32%				
	Disqualified	16	6								
	Total	**192**	**49**	**33**	**12**	**17%**	**24%**				
Grand Total		**530**	**135**	**122**	**29**	**23%**	**21%**	**130**	**27**	**38%**	**31%**
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 75
ENGL 101 Term Course Repetition Outcomes by Academic Standing

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Good Standing	25	1	19	1	76%	100%	13	1	52%	100%
	Probation	12	2	10	1	83%	50%	4	0	33%	0%
	Disqualified	1		1		100%		0		0%	
	Total	**38**	**3**	**30**	**2**	**79%**	**67%**	**17**	**1**	**45%**	**33%**
Spring 2019	Good Standing	33	11	28	9	85%	82%	20	8	61%	73%
	Probation	11	2	6	1	55%	50%	4	1	36%	50%
	Disqualified	7	1	4	1	57%	100%	2	1	29%	100%
	Total	**51**	**14**	**38**	**11**	**75%**	**79%**	**26**	**10**	**51%**	**71%**
Grand Total		**89**	**17**	**68**	**13**	**76%**	**76%**	**43**	**11**	**48%**	**65%**
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 76
ENGL 101 Annual Course Repetition Outcomes by Academic Standing

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Good Standing	39	4	32	3	82%	75%	22	2	56%	50%
	Probation	19	3	16	2	84%	67%	8	1	42%	33%
	Disqualified	2		2		100%		1		50%	
Grand Total		**60**	**7**	**50**	**5**	**83%**	**71%**	**31**	**3**	**52%**	**43%**
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 & 101X Outcomes & Persistence by DSPS Status

Table 77
ENGL 101 Cohort Outcomes by DSPS Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	DSPS	41	7	38	7	93%	100%	32	4	78%	57%
	Not DSPS	627	144	558	132	89%	92%	490	113	78%	78%
	Total	**668**	**151**	**596**	**139**	**89%**	**92%**	**522**	**117**	**78%**	**77%**
Spring 2019	DSPS	31	25	27	24	87%	96%	21	20	68%	80%
	Not DSPS	480	194	390	170	81%	88%	298	147	62%	76%
	Total	**511**	**219**	**417**	**194**	**82%**	**89%**	**319**	**167**	**62%**	**76%**
Fall 2019	DSPS	52	28	46	25	88%	89%	37	25	71%	89%
	Unknown	744	233	667	216	90%	93%	567	187	76%	80%
	Total	**796**	**261**	**713**	**241**	**90%**	**92%**	**604**	**212**	**76%**	**81%**
Grand Total		**1,975**	**631**	**1,726**	**574**	**87%**	**91%**	**1,445**	**496**	**73%**	**79%**
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 78
ENGL 101 Persistence Rates by DSPS Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	DSPS	41	7	7	1	17%	14%	10	1	24%	14%
	Not DSPS	627	144	282	73	45%	51%	347	89	55%	62%
	Total	**668**	**151**	**289**	**74**	**43%**	**49%**	**357**	**90**	**53%**	**60%**
Spring 2019	DSPS	31	25	12	5	39%	20%	14	8	45%	32%
	Not DSPS	480	194	154	71	32%	37%	204	84	43%	43%
	Total	**511**	**219**	**166**	**76**	**32%**	**35%**	**218**	**92**	**43%**	**42%**
Fall 2019	DSPS	52	28	23	10	44%	36%				
	Unknown	744	233	269	79	36%	34%				
	Total	**796**	**261**	**292**	**89**	**37%**	**34%**				
Grand Total		**1,975**	**631**	**747**	**239**	**38%**	**38%**	**575**	**182**	**49%**	**49%**
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 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 79
ENGL 101 Term Persistent Enrollment Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	DSPS	7	1	6	1	86%	100%	6	1	86%	100%
	Not DSPS	287	76	258	69	90%	91%	233	65	81%	86%
	Total	**294**	**77**	**264**	**70**	**90%**	**91%**	**239**	**66**	**81%**	**86%**
Spring 2019	DSPS	12	6	11	6	92%	100%	9	5	75%	83%
	Not DSPS	160	82	127	72	79%	88%	108	61	68%	74%
	Total	**172**	**88**	**138**	**78**	**80%**	**89%**	**117**	**66**	**68%**	**75%**
Grand Total		**466**	**165**	**402**	**148**	**86%**	**90%**	**356**	**132**	**76%**	**80%**
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 80
ENGL 101 Annual Persistent Enrollment Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	DSPS	12	1	10	1	83%	100%	9	1	75%	100%
	Not DSPS	386	99	346	90	90%	91%	309	83	80%	84%
Grand Total		**398**	**100**	**356**	**91**	**89%**	**91%**	**318**	**84**	**80%**	**84%**
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 81
ENGL 101 Course Repetition Rates by DSPS Status

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	DSPS	9	3					2		22%	
	Not DSPS	137	31	37	3	27%	10%	52	7	38%	23%
	Total	**146**	**34**	**37**	**3**	**25%**	**9%**	**54**	**7**	**37%**	**21%**
Spring 2019	DSPS	10	5	8	1	80%	20%	8	1	80%	20%
	Not DSPS	182	47	44	13	24%	28%	68	19	37%	40%
	Total	**192**	**52**	**52**	**14**	**27%**	**27%**	**76**	**20**	**40%**	**38%**
Fall 2019	DSPS	15	3	5		33%					
	Unknown	177	46	28	12	16%	26%				
	Total	**192**	**49**	**33**	**12**	**17%**	**24%**				
Grand Total		**530**	**135**	**122**	**29**	**23%**	**21%**	**130**	**27**	**38%**	**31%**
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 82
ENGL 101 Term Course Repetition Outcomes by DSPS Status

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Not DSPS	38	3	30	2	79%	67%	17	1	45%	33%
	Total	**38**	**3**	**30**	**2**	**79%**	**67%**	**17**	**1**	**45%**	**33%**
Spring 2019	DSPS	7	1	6	1	86%	100%	5	1	71%	100%
	Not DSPS	44	13	32	10	73%	77%	21	9	48%	69%
	Total	**51**	**14**	**38**	**11**	**75%**	**79%**	**26**	**10**	**51%**	**71%**
Grand Total		**89**	**17**	**68**	**13**	**76%**	**76%**	**43**	**11**	**48%**	**65%**
Benchmark	DSPS	17		14		82%		7		41%	
	Not DSPS	312		242		78%		173		55%	
Grand Total		**329**		**256**		**78%**		**180**		**55%**	

Table 83
ENGL 101 Annual Course Repetition Outcomes by DSPS Status

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	DSPS	2		2		100%		1		50%	
	Not DSPS	58	7	48	5	83%	71%	30	3	52%	43%
Grand Total		**60**	**7**	**50**	**5**	**83%**	**71%**	**31**	**3**	**52%**	**43%**
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 & 101X Outcomes & Persistence by First Generation Status

Table 84
ENGL 101 Cohort Outcomes by First Generation Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	First Gen.	147	51	124	46	84%	90%	109	40	74%	78%
	Not First Gen.	521	100	472	93	91%	93%	413	77	79%	77%
	Total	**668**	**151**	**596**	**139**	**89%**	**92%**	**522**	**117**	**78%**	**77%**
Spring 2019	First Gen.	117	50	92	42	79%	84%	71	37	61%	74%
	Not First Gen.	394	169	325	152	82%	90%	248	130	63%	77%
	Total	**511**	**219**	**417**	**194**	**82%**	**89%**	**319**	**167**	**62%**	**76%**
Fall 2019	First Gen.	54	22	46	21	85%	95%	38	18	70%	82%
	Not First Gen.	167	43	155	36	93%	84%	125	29	75%	67%
	Unknown	575	196	512	184	89%	94%	441	165	77%	84%
	Total	**796**	**261**	**713**	**241**	**90%**	**92%**	**604**	**212**	**76%**	**81%**
Grand Total		**1,975**	**631**	**1,726**	**574**	**87%**	**91%**	**1,445**	**496**	**73%**	**79%**
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 85

ENGL 101 Persistence Rates by First Generation Status

Cohort	Group	Cohort Headcount Not X	X	Term Persistence Count Not X	X	Term Persistence Rate Not X	X	Annual Persitence Count Not X	X	Annual Persistence Rate Not X	X
Fall 2018	First Gen.	147	51	59	26	40%	51%	76	29	52%	57%
	Not First Gen.	521	100	230	48	44%	48%	281	61	54%	61%
	Total	**668**	**151**	**289**	**74**	**43%**	**49%**	**357**	**90**	**53%**	**60%**
Spring 2019	First Gen.	117	50	34	19	29%	38%	45	19	38%	38%
	Not First Gen.	394	169	132	57	34%	34%	173	73	44%	43%
	Total	**511**	**219**	**166**	**76**	**32%**	**35%**	**218**	**92**	**43%**	**42%**
Fall 2019	First Gen.	54	22	18	8	33%	36%				
	Not First Gen.	167	43	70	12	42%	28%				
	Unknown	575	196	204	69	35%	35%				
	Total	**796**	**261**	**292**	**89**	**37%**	**34%**				
Grand Total		**1,975**	**631**	**747**	**239**	**38%**	**38%**	**575**	**182**	**49%**	**49%**

Cohort	Group	Cohort Headcount	Term Persistence Count	Term Persistence Rate	Annual Persitence Count	Annual Persistence Rate
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%**

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 86
ENGL 101 Term Persistent Enrollment Outcomes by First Generation Status

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	First Gen.	60	27	50	26	83%	96%	43	26	72%	96%
	Not First Gen.	234	50	214	44	91%	88%	196	40	84%	80%
	Total	**294**	**77**	**264**	**70**	**90%**	**91%**	**239**	**66**	**81%**	**86%**
Spring 2019	First Gen.	35	22	30	19	86%	86%	22	18	63%	82%
	Not First Gen.	137	66	108	59	79%	89%	95	48	69%	73%
	Total	**172**	**88**	**138**	**78**	**80%**	**89%**	**117**	**66**	**68%**	**75%**
Grand Total		**466**	**165**	**402**	**148**	**86%**	**90%**	**356**	**132**	**76%**	**80%**
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%**	

Table 87
ENGL 101 Annual Persistent Enrollment Outcomes by First Generation Status

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	First Gen.	84	31	67	29	80%	94%	57	29	68%	94%
	Not First Gen.	314	69	289	62	92%	90%	261	55	83%	80%
Grand Total		**398**	**100**	**356**	**91**	**89%**	**91%**	**318**	**84**	**80%**	**84%**
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 88

ENGL 101 Course Repetition Rates by First Generation Status

Cohort	Group	Headcount of Failed Not X	Headcount of Failed X	Term Repetition Count Not X	Term Repetition Count X	Term Repetition Rate Not X	Term Repetition Rate X	Annual Repetition Count Not X	Annual Repetition Count X	Annual Repetition Rate Not X	Annual Repetition Rate X
Fall 2018	First Gen.	38	11	10	1	26%	9%	17	3	45%	27%
	Not First Gen.	108	23	27	2	25%	9%	37	4	34%	17%
	Total	**146**	**34**	**37**	**3**	**25%**	**9%**	**54**	**7**	**37%**	**21%**
Spring 2019	First Gen.	46	13	11	5	24%	38%	15	5	33%	38%
	Not First Gen.	146	39	41	9	28%	23%	61	15	42%	38%
	Total	**192**	**52**	**52**	**14**	**27%**	**27%**	**76**	**20**	**40%**	**38%**
Fall 2019	First Gen.	16	4	2	1	13%	25%				
	Not First Gen.	42	14	6	2	14%	14%				
	Unknown	134	31	25	9	19%	29%				
	Total	**192**	**49**	**33**	**12**	**17%**	**24%**				
Grand Total		**530**	**135**	**122**	**29**	**23%**	**21%**	**130**	**27**	**38%**	**31%**
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 89

ENGL 101 Term Course Repetition Outcomes by First Generation Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	First Gen.	11	1	8	1	73%	100%	5	1	45%	100%
	Not First Gen.	27	2	22	1	81%	50%	12	0	44%	0%
	Total	**38**	**3**	**30**	**2**	**79%**	**67%**	**17**	**1**	**45%**	**33%**
Spring 2019	First Gen.	11	5	8	4	73%	80%	3	4	27%	80%
	Not First Gen.	40	9	30	7	75%	78%	23	6	58%	67%
	Total	**51**	**14**	**38**	**11**	**75%**	**79%**	**26**	**10**	**51%**	**71%**
Grand Total		**89**	**17**	**68**	**13**	**76%**	**76%**	**43**	**11**	**48%**	**65%**
Benchmark	First Gen.	94		72		77%		50		53%	
	Not First Gen.	235		184		78%		130		55%	
Grand Total		**329**		**256**		**78%**		**180**		**55%**	

Table 90

ENGL 101 Annual Course Repetition Outcomes by First Generation Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	First Gen.	21	3	16	2	76%	67%	11	2	52%	67%
	Not First Gen.	39	4	34	3	87%	75%	20	1	51%	25%
Grand Total		**60**	**7**	**50**	**5**	**83%**	**71%**	**31**	**3**	**52%**	**43%**
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 & 101X Outcomes & Persistence by Foster Youth Status

Table 91
ENGL 101 Cohort Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	16	6	11	6	69%	100%	9	5	56%	83%
	Not Foster Youth	652	145	585	133	90%	92%	513	112	79%	77%
	Total	**668**	**151**	**596**	**139**	**89%**	**92%**	**522**	**117**	**78%**	**77%**
Spring 2019	Foster Youth	14	6	13	5	93%	83%	10	4	71%	67%
	Not Foster Youth	497	213	404	189	81%	89%	309	163	62%	77%
	Total	**511**	**219**	**417**	**194**	**82%**	**89%**	**319**	**167**	**62%**	**76%**
Fall 2019	Foster Youth	3		2		67%		2		67%	
	Not Foster Youth	793	261	711	241	90%	92%	602	212	76%	81%
	Total	**796**	**261**	**713**	**241**	**90%**	**92%**	**604**	**212**	**76%**	**81%**
Grand Total		**1,975**	**631**	**1,726**	**574**	**87%**	**91%**	**1,445**	**496**	**73%**	**79%**
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 92

ENGL 101 Persistence Rates by Foster Youth Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	Foster Youth	16	6	7	5	44%	83%	10	5	63%	83%
	Not Foster Youth	652	145	282	69	43%	48%	347	85	53%	59%
	Total	**668**	**151**	**289**	**74**	**43%**	**49%**	**357**	**90**	**53%**	**60%**
Spring 2019	Foster Youth	14	6	6	2	43%	33%	8	3	57%	50%
	Not Foster Youth	497	213	160	74	32%	35%	210	89	42%	42%
	Total	**511**	**219**	**166**	**76**	**32%**	**35%**	**218**	**92**	**43%**	**42%**
Fall 2019	Foster Youth	3		2		67%					
	Not Foster Youth	793	261	290	89	37%	34%				
	Total	**796**	**261**	**292**	**89**	**37%**	**34%**				
Grand Total		**1,975**	**631**	**747**	**239**	**38%**	**38%**	**575**	**182**	**49%**	**49%**
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%**	

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 93

ENGL 101 Term Persistent Enrollment Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	7	5	5	5	71%	100%	4	5	57%	100%
	Not Foster Youth	287	72	259	65	90%	90%	235	61	82%	85%
	Total	**294**	**77**	**264**	**70**	**90%**	**91%**	**239**	**66**	**81%**	**86%**
Spring 2019	Foster Youth	7	3	7	3	100%	100%	6	2	86%	67%
	Not Foster Youth	165	85	131	75	79%	88%	111	64	67%	75%
	Total	**172**	**88**	**138**	**78**	**80%**	**89%**	**117**	**66**	**68%**	**75%**
Grand Total		**466**	**165**	**402**	**148**	**86%**	**90%**	**356**	**132**	**76%**	**80%**
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 94

ENGL 101 Annual Persistent Enrollment Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	11	6	9	6	82%	100%	7	6	64%	100%
	Not Foster Youth	387	94	347	85	90%	90%	311	78	80%	83%
Grand Total		**398**	**100**	**356**	**91**	**89%**	**91%**	**318**	**84**	**80%**	**84%**
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 95

ENGL 101 Course Repetition Rates by Foster Youth Status

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	7	1	2		29%		2		29%	
	Not Foster Youth	139	33	35	3	25%	9%	52	7	37%	21%
	Total	**146**	**34**	**37**	**3**	**25%**	**9%**	**54**	**7**	**37%**	**21%**
Spring 2019	Foster Youth	4	2	2	1	50%	50%	3	2	75%	100%
	Not Foster Youth	188	50	50	13	27%	26%	73	18	39%	36%
	Total	**192**	**52**	**52**	**14**	**27%**	**27%**	**76**	**20**	**40%**	**38%**
Fall 2019	Foster Youth	1		1		100%					
	Not Foster Youth	191	49	32	12	17%	24%				
	Total	**192**	**49**	**33**	**12**	**17%**	**24%**				
Grand Total		**530**	**135**	**122**	**29**	**23%**	**21%**	**130**	**27**	**38%**	**31%**
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 96
ENGL 101 Term Course Repetition Outcomes by Foster Youth Status

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Foster Youth	2		1		50%		1		50%	
	Not Foster Youth	36	3	29	2	81%	67%	16	1	44%	33%
	Total	**38**	**3**	**30**	**2**	**79%**	**67%**	**17**	**1**	**45%**	**33%**
Spring 2019	Foster Youth	2	1	2	1	100%	100%	1	1	50%	100%
	Not Foster Youth	49	13	36	10	73%	77%	25	9	51%	69%
	Total	**51**	**14**	**38**	**11**	**75%**	**79%**	**26**	**10**	**51%**	**71%**
Grand Total		**89**	**17**	**68**	**13**	**76%**	**76%**	**43**	**11**	**48%**	**65%**
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 97
ENGL 101 Annual Course Repetition Outcomes by Foster Youth Status

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Foster Youth	2		1		50%		1		50%	
	Not Foster Youth	58	7	49	5	84%	71%	30	3	52%	43%
Grand Total		**60**	**7**	**50**	**5**	**83%**	**71%**	**31**	**3**	**52%**	**43%**
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 & 101X Outcomes & Persistence by Military Status

Table 98
ENGL 101 Cohort Outcomes by Military Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	605	137	536	125	89%	91%	469	106	78%	77%
	Veteran/Active Duty	63	14	60	14	95%	100%	53	11	84%	79%
	Total	**668**	**151**	**596**	**139**	**89%**	**92%**	**522**	**117**	**78%**	**77%**
Spring 2019	Not Veteran/Active Duty	434	192	356	170	82%	89%	274	145	63%	76%
	Veteran/Active Duty	77	27	61	24	79%	89%	45	22	58%	81%
	Total	**511**	**219**	**417**	**194**	**82%**	**89%**	**319**	**167**	**62%**	**76%**
Fall 2019	Not Veteran/Active Duty	695	232	624	215	90%	93%	531	192	76%	83%
	Veteran/Active Duty	101	29	89	26	88%	90%	73	20	72%	69%
	Total	**796**	**261**	**713**	**241**	**90%**	**92%**	**604**	**212**	**76%**	**81%**
Grand Total		**1,975**	**631**	**1,726**	**574**	**87%**	**91%**	**1,445**	**496**	**73%**	**79%**
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 99
ENGL 101 Persistence Rates by Military Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	Not Veteran/Active Duty	605	137	268	70	44%	51%	331	84	55%	61%
	Veteran/Active Duty	63	14	21	4	33%	29%	26	6	41%	43%
	Total	**668**	**151**	**289**	**74**	**43%**	**49%**	**357**	**90**	**53%**	**60%**
Spring 2019	Not Veteran/Active Duty	434	192	142	66	33%	34%	192	81	44%	42%
	Veteran/Active Duty	77	27	24	10	31%	37%	26	11	34%	41%
	Total	**511**	**219**	**166**	**76**	**32%**	**35%**	**218**	**92**	**43%**	**42%**
Fall 2019	Not Veteran/Active Duty	695	232	269	78	39%	34%				
	Veteran/Active Duty	101	29	23	11	23%	38%				
	Total	**796**	**261**	**292**	**89**	**37%**	**34%**				
Grand Total		**1,975**	**631**	**747**	**239**	**38%**	**38%**	**575**	**182**	**49%**	**49%**
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%**	

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 100
ENGL 101 Term Persistent Enrollment Outcomes by Military Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	273	73	245	66	90%	90%	221	62	81%	85%
	Veteran/Active Duty	21	4	19	4	90%	100%	18	4	86%	100%
	Total	**294**	**77**	**264**	**70**	**90%**	**91%**	**239**	**66**	**81%**	**86%**
Spring 2019	Not Veteran/Active Duty	148	77	117	67	79%	87%	99	57	67%	74%
	Veteran/Active Duty	24	11	21	11	88%	100%	18	9	75%	82%
	Total	**172**	**88**	**138**	**78**	**80%**	**89%**	**117**	**66**	**68%**	**75%**
Grand Total		**466**	**165**	**402**	**148**	**86%**	**90%**	**356**	**132**	**76%**	**80%**
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 101
ENGL 101 Annual Persistent Enrollment Outcomes by Military Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	370	94	331	85	89%	90%	295	79	80%	84%
	Veteran/Active Duty	28	6	25	6	89%	100%	23	5	82%	83%
Grand Total		**398**	**100**	**356**	**91**	**89%**	**91%**	**318**	**84**	**80%**	**84%**
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 102
ENGL 101 Course Repetition Rates by Military Status

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	136	31	36	3	26%	10%	51	7	38%	23%
	Veteran/Active Duty	10	3	1		10%		3		30%	
	Total	**146**	**34**	**37**	**3**	**25%**	**9%**	**54**	**7**	**37%**	**21%**
Spring 2019	Not Veteran/Active Duty	160	47	42	13	26%	28%	66	18	41%	38%
	Veteran/Active Duty	32	5	10	1	31%	20%	10	2	31%	40%
	Total	**192**	**52**	**52**	**14**	**27%**	**27%**	**76**	**20**	**40%**	**38%**
Fall 2019	Not Veteran/Active Duty	164	40	29	9	18%	23%				
	Veteran/Active Duty	28	9	4	3	14%	33%				
	Total	**192**	**49**	**33**	**12**	**17%**	**24%**				
Grand Total		**530**	**135**	**122**	**29**	**23%**	**21%**	**130**	**27**	**38%**	**31%**
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 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 103
ENGL 101 Term Course Repetition Outcomes by Military Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	37	3	29	2	78%	67%	17	1	46%	33%
	Veteran/Active Duty	1		1		100%		0		0%	
	Total	**38**	**3**	**30**	**2**	**79%**	**67%**	**17**	**1**	**45%**	**33%**
Spring 2019	Not Veteran/Active Duty	41	13	30	10	73%	77%	20	9	49%	69%
	Veteran/Active Duty	10	1	8	1	80%	100%	6	1	60%	100%
	Total	**51**	**14**	**38**	**11**	**75%**	**79%**	**26**	**10**	**51%**	**71%**
Grand Total		**89**	**17**	**68**	**13**	**76%**	**76%**	**43**	**11**	**48%**	**65%**
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 104
ENGL 101 Annual Course Repetition Outcomes by Military Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	57	7	47	5	82%	71%	30	3	53%	43%
	Veteran/Active Duty	3		3		100%		1		33%	
Grand Total		**60**	**7**	**50**	**5**	**83%**	**71%**	**31**	**3**	**52%**	**43%**
Benchmark	Not Veteran/Active Duty	508		392		77%		273		54%	
	Veteran/Active Duty	43		31		72%		18		42%	
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 & 101X Outcomes & Persistence by Section Modality

Table 105
ENGL 101 Cohort Outcomes by Section Modality

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	Day	382	151	349	139	91%	92%	302	117	79%	77%
	Evening	139		124		89%		113		81%	
	Online	147		123		84%		107		73%	
	Total	**668**	**151**	**596**	**139**	**89%**	**92%**	**522**	**117**	**78%**	**77%**
Spring 2019	Day	276	201	239	181	87%	90%	177	156	64%	78%
	Evening	61	18	51	13	84%	72%	43	11	70%	61%
	Online	174		127		73%		99		57%	
	Total	**511**	**219**	**417**	**194**	**82%**	**89%**	**319**	**167**	**62%**	**76%**
Fall 2019	Day	521	202	476	186	91%	92%	396	158	76%	78%
	Evening	103	59	93	55	90%	93%	85	54	83%	92%
	Online	172		144		84%		123		72%	
	Total	**796**	**261**	**713**	**241**	**90%**	**92%**	**604**	**212**	**76%**	**81%**
Grand Total		**1,975**	**631**	**1,726**	**574**	**87%**	**91%**	**1,445**	**496**	**73%**	**79%**
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 106
ENGL 101 Persistence Rates by Section Modality

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day	382	151	189	74	49%	49%	229	90	60%	60%
	Evening	139		42		30%		55		40%	
	Online	147		58		39%		73		50%	
	Total	**668**	**151**	**289**	**74**	**43%**	**49%**	**357**	**90**	**53%**	**60%**
Spring 2019	Day	276	201	103	70	37%	35%	135	86	49%	43%
	Evening	61	18	22	6	36%	33%	29	6	48%	33%
	Online	174		41		24%		54		31%	
	Total	**511**	**219**	**166**	**76**	**32%**	**35%**	**218**	**92**	**43%**	**42%**
Fall 2019	Day	521	202	216	75	41%	37%				
	Evening	103	59	24	14	23%	24%				
	Online	172		52		30%					
	Total	**796**	**261**	**292**	**89**	**37%**	**34%**				
Grand Total		**1,975**	**631**	**747**	**239**	**38%**	**38%**	**575**	**182**	**49%**	**49%**
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 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 107
ENGL 101 Term Persistent Enrollment Outcomes by Section Modality

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Day	191	77	175	70	92%	91%	162	66	85%	86%
	Evening	42		35		83%		31		74%	
	Online	61		54		89%		46		75%	
	Total	**294**	**77**	**264**	**70**	**90%**	**91%**	**239**	**66**	**81%**	**86%**
Spring 2019	Day	105	79	85	69	81%	87%	74	59	70%	75%
	Evening	22	9	18	9	82%	100%	16	7	73%	78%
	Online	45		35		78%		27		60%	
	Total	**172**	**88**	**138**	**78**	**80%**	**89%**	**117**	**66**	**68%**	**75%**
Grand Total		**466**	**165**	**402**	**148**	**86%**	**90%**	**356**	**132**	**76%**	**80%**
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 108
ENGL 101 Annual Persistent Enrollment Outcomes by Section Modality

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Day	255	100	232	91	91%	91%	213	84	84%	84%
	Evening	60		52		87%		43		72%	
	Online	83		72		87%		62		75%	
Grand Total		**398**	**100**	**356**	**91**	**89%**	**91%**	**318**	**84**	**80%**	**84%**
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 109
ENGL 101 Course Repetition Rates by Section Modality

Cohort	Group	Headcount of Failed Not X	Headcount of Failed X	Term Repetition Count Not X	Term Repetition Count X	Term Repetition Rate Not X	Term Repetition Rate X	Annual Repetition Count Not X	Annual Repetition Count X	Annual Repetition Rate Not X	Annual Repetition Rate X
Fall 2018	Day	80	34	22	3	28%	9%	31	7	39%	21%
	Evening	26		4		15%		7		27%	
	Online	40		11		28%		16		40%	
	Total	**146**	**34**	**37**	**3**	**25%**	**9%**	**54**	**7**	**37%**	**21%**
Spring 2019	Day	99	45	32	12	32%	27%	45	18	45%	40%
	Evening	18	7	4	2	22%	29%	6	2	33%	29%
	Online	75		16		21%		25		33%	
	Total	**192**	**52**	**52**	**14**	**27%**	**27%**	**76**	**20**	**40%**	**38%**
Fall 2019	Day	125	44	22	10	18%	23%				
	Evening	18	5	2	2	11%	40%				
	Online	49		9		18%					
	Total	**192**	**49**	**33**	**12**	**17%**	**24%**				
Grand Total		**530**	**135**	**122**	**29**	**23%**	**21%**	**130**	**27**	**38%**	**31%**
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 110
ENGL 101 Term Course Repetition Outcomes by Section Modality

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day	22	3	17	2	77%	67%	11	1	50%	33%
	Evening	4		2		50%		0		0%	
	Online	12		11		92%		6		50%	
	Total	**38**	**3**	**30**	**2**	**79%**	**67%**	**17**	**1**	**45%**	**33%**
Spring 2019	Day	31	12	23	9	74%	75%	18	8	58%	67%
	Evening	4	2	4	2	100%	100%	2	2	50%	100%
	Online	16		11		69%		6		38%	
	Total	**51**	**14**	**38**	**11**	**75%**	**79%**	**26**	**10**	**51%**	**71%**
Grand Total		**89**	**17**	**68**	**13**	**76%**	**76%**	**43**	**11**	**48%**	**65%**
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 111
ENGL 101 Annual Course Repetition Outcomes by Section Modality

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day	33	7	27	5	82%	71%	19	3	58%	43%
	Evening	9		7		78%		2		22%	
	Online	18		16		89%		10		56%	
Grand Total		**60**	**7**	**50**	**5**	**83%**	**71%**	**31**	**3**	**52%**	**43%**
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 & 101X Outcomes & Persistence by Student Type

Table 112
ENGL 101 Cohort Outcomes by Student Type

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	378	147	346	135	92%	92%	300	115	79%	78%
	Day/Evening	11	2	9	2	82%	100%	8	2	73%	100%
	Evening Only	131		117		89%		106		81%	
	On-Campus/Online	8	2	7	2	88%	100%	6	0	75%	0%
	Online Only	140		117		84%		102		73%	
	Total	**668**	**151**	**596**	**139**	**89%**	**92%**	**522**	**117**	**78%**	**77%**
Spring 2019	Day Only	270	188	234	170	87%	90%	173	149	64%	79%
	Day/Evening	12	14	10	12	83%	86%	9	7	75%	50%
	Evening Only	54	12	46	8	85%	67%	38	7	70%	58%
	On-Campus/Online	12	5	7	4	58%	80%	6	4	50%	80%
	Online Only	163		120		74%		93		57%	
	Total	**511**	**219**	**417**	**194**	**82%**	**89%**	**319**	**167**	**62%**	**76%**
Fall 2019	Day Only	492	182	449	167	91%	92%	373	142	76%	78%
	Day/Evening	32	19	30	16	94%	84%	28	14	88%	74%
	Evening Only	89	51	79	49	89%	96%	71	48	80%	94%
	On-Campus/Online	30	2	28	2	93%	100%	23	2	77%	100%
	Online Only	139		113		81%		97		70%	
	Unknown	14	7	14	7	100%	100%	12	6	86%	86%
	Total	**796**	**261**	**713**	**241**	**90%**	**92%**	**604**	**212**	**76%**	**81%**
Grand Total		**1,975**	**631**	**1,726**	**574**	**87%**	**91%**	**1,445**	**496**	**73%**	**79%**
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 113
ENGL 101 Persistence Rates by Student Type

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	378	147	189	73	50%	50%	229	89	61%	61%
	Day/Evening	11	2	3	1	27%	50%	5	1	45%	50%
	Evening Only	131		39		30%		50		38%	
	On-Campus/Online	8	2	3		38%		4		50%	
	Online Only	140		55		39%		69		49%	
	Total	**668**	**151**	**289**	**74**	**43%**	**49%**	**357**	**90**	**53%**	**60%**
Spring 2019	Day Only	270	188	100	61	37%	32%	130	76	48%	40%
	Day/Evening	12	14	5	9	42%	64%	7	10	58%	71%
	Evening Only	54	12	19	3	35%	25%	26	3	48%	25%
	On-Campus/Online	12	5	7	3	58%	60%	7	3	58%	60%
	Online Only	163		35		21%		48		29%	
	Total	**511**	**219**	**166**	**76**	**32%**	**35%**	**218**	**92**	**43%**	**42%**
Fall 2019	Day Only	492	182	205	72	42%	40%				
	Day/Evening	32	19	16	5	50%	26%				
	Evening Only	89	51	19	12	21%	24%				
	On-Campus/Online	30	2	15		50%					
	Online Only	139		37		27%					
	Unknown	14	7								
	Total	**796**	**261**	**292**	**89**	**37%**	**34%**				
Grand Total		**1,975**	**631**	**747**	**239**	**38%**	**38%**	**575**	**182**	**49%**	**49%**
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 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 114

ENGL 101 Term Persistent Enrollment Outcomes by Student Type

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Day Only	191	76	175	69	92%	91%	162	65	85%	86%
	Day/Evening	3	1	3	1	100%	100%	3	1	100%	100%
	Evening Only	39		32		82%		28		72%	
	On-Campus/Online	3		3		100%		3		100%	
	Online Only	58		51		88%		43		74%	
	Total	**294**	**77**	**264**	**70**	**90%**	**91%**	**239**	**66**	**81%**	**86%**
Spring 2019	Day Only	104	66	85	57	82%	86%	74	48	71%	73%
	Day/Evening	4	13	2	12	50%	92%	2	11	50%	85%
	Evening Only	19	5	16	5	84%	100%	14	4	74%	80%
	On-Campus/Online	7	4	6	4	86%	100%	6	3	86%	75%
	Online Only	38		29		76%		21		55%	
	Total	**172**	**88**	**138**	**78**	**80%**	**89%**	**117**	**66**	**68%**	**75%**
Grand Total		**466**	**165**	**402**	**148**	**86%**	**90%**	**356**	**132**	**76%**	**80%**
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 115
ENGL 101 Annual Persistent Enrollment Outcomes by Student Type

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	255	99	232	90	91%	91%	213	83	84%	84%
	Day/Evening	5	1	5	1	100%	100%	5	1	100%	100%
	Evening Only	55		47		85%		38		69%	
	On-Campus/Online	4		4		100%		4		100%	
	Online Only	79		68		86%		58		73%	
Grand Total		**398**	**100**	**356**	**91**	**89%**	**91%**	**318**	**84**	**80%**	**84%**
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 116
ENGL 101 Course Repetition Rates by Student Type

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	78	32	22	3	28%	9%	31	7	40%	22%
	Day/Evening	3									
	Evening Only	25		4		16%		7		28%	
	On-Campus/Online	2	2					1		50%	
	Online Only	38		11		29%		15		39%	
	Total	**146**	**34**	**37**	**3**	**25%**	**9%**	**54**	**7**	**37%**	**21%**
Spring 2019	Day Only	97	39	31	8	32%	21%	43	13	44%	33%
	Day/Evening	3	7		4		57%	1	5	33%	71%
	Evening Only	16	5	4	1	25%	20%	6	1	38%	20%
	On-Campus/Online	6	1	4	1	67%	100%	4	1	67%	100%
	Online Only	70		13		19%		22		31%	
	Total	**192**	**52**	**52**	**14**	**27%**	**27%**	**76**	**20**	**40%**	**38%**
Fall 2019	Day Only	119	40	22	10	18%	25%				
	Day/Evening	4	5								
	Evening Only	18	3	2	2	11%	67%				
	On-Campus/Online	7		1		14%					
	Online Only	42		8		19%					
	Unknown	2	1								
	Total	**192**	**49**	**33**	**12**	**17%**	**24%**				
Grand Total		**530**	**135**	**122**	**29**	**23%**	**21%**	**130**	**27**	**38%**	**31%**
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 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 117

ENGL 101 Term Course Repetition Outcomes by Student Type

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	22	3	17	2	77%	67%	11	1	50%	33%
	Evening Only	4		2		50%		0		0%	
	Online Only	12		11		92%		6		50%	
	Total	**38**	**3**	**30**	**2**	**79%**	**67%**	**17**	**1**	**45%**	**33%**
Spring 2019	Day Only	31	8	23	6	74%	75%	18	5	58%	63%
	Day/Evening		4		3		75%		3		75%
	Evening Only	4	1	4	1	100%	100%	2	1	50%	100%
	On-Campus/Online	3	1	3	1	100%	100%	3	1	100%	100%
	Online Only	13		8		62%		3		23%	
	Total	**51**	**14**	**38**	**11**	**75%**	**79%**	**26**	**10**	**51%**	**71%**
Grand Total		**89**	**17**	**68**	**13**	**76%**	**76%**	**43**	**11**	**48%**	**65%**
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 118

ENGL 101 Annual Course Repetition Outcomes by Student Type

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	33	7	27	5	82%	71%	19	3	58%	43%
	Evening Only	9		7		78%		2		22%	
	On-Campus/Online	1		1		100%		1		100%	
	Online Only	17		15		88%		9		53%	
Grand Total		**60**	**7**	**50**	**5**	**83%**	**71%**	**31**	**3**	**52%**	**43%**
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/X, 116/X, & 119/X Aggregated Outcomes & Persistence by Gender

Table 119
MATH 96, 116 & 119 Cohort Outcomes by Gender

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Female	195	44	164	37	84%	84%	113	32	58%	73%
	Male	235	42	195	35	83%	83%	128	26	54%	62%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	Female	393	125	327	104	83%	83%	255	71	65%	57%
	Male	410	130	345	109	84%	84%	244	74	60%	57%
	Total	**803**	**255**	**672**	**213**	**84%**	**84%**	**499**	**145**	**62%**	**57%**
Fall 2019	Female	470	186	390	167	83%	90%	274	114	58%	61%
	Male	517	200	426	171	82%	86%	295	105	57%	53%
	Non-Binary	1		0		0%		0		0%	
	Unknown	5	2	4	2	80%	100%	1	0	20%	0%
	Total	**993**	**388**	**820**	**340**	**83%**	**88%**	**570**	**219**	**57%**	**56%**
Grand Total		**2,226**	**729**	**1,851**	**625**	**83%**	**86%**	**1,310**	**422**	**59%**	**58%**
Benchmark	Female	3,851		3,220		84%		2,518		65%	
	Male	3,828		3,219		84%		2,376		62%	
Grand Total		**7,679**		**6,439**		**84%**		**4,894**		**64%**	

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 120
MATH 96, 116 & 119 Persistence Rates by Gender

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	Female	195	44	83	25	43%	57%	101	26	52%	59%
	Male	235	42	116	22	49%	52%	130	26	55%	62%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Female	393	125	111	38	28%	30%	134	52	34%	42%
	Male	410	130	127	54	31%	42%	165	65	40%	50%
	Total	**803**	**255**	**238**	**92**	**30%**	**36%**	**299**	**117**	**37%**	**46%**
Fall 2019	Female	470	186	144	45	31%	24%				
	Male	517	200	170	74	33%	37%				
	Non-Binary	1		1		100%					
	Unknown	5	2	2	1	40%	50%				
	Total	**993**	**388**	**317**	**120**	**32%**	**31%**				
Grand Total		**2,226**	**729**	**754**	**259**	**34%**	**36%**	**530**	**169**	**43%**	**50%**
Benchmark	Female	3,851		1,304		34%		1,660		43%	
	Male	3,828		1,497		39%		1,864		49%	
Grand Total		**7,679**		**2,801**		**36%**		**3,524**		**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 of fall is considered "next term". For fall, the next term is spring. 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 121
MATH 96, 116 & 119 Term Persistent Enrollment Outcomes by Gender

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Female	91	36	71	27	78%	75%	55	18	60%	50%
	Male	130	29	104	21	80%	72%	68	15	52%	52%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Female	136	56	114	47	84%	84%	90	29	66%	52%
	Male	153	72	118	54	77%	75%	96	40	63%	56%
	Total	**289**	**128**	**232**	**101**	**80%**	**79%**	**186**	**69**	**64%**	**54%**
Grand Total		**510**	**193**	**407**	**149**	**80%**	**77%**	**309**	**102**	**61%**	**53%**
Benchmark	Female	1,425		1,217		85%		966		68%	
	Male	1,665		1,406		84%		1,062		64%	
Grand Total		**3,090**		**2,623**		**85%**		**2,028**		**66%**	

Table 122
MATH 96, 116 & 119 Annual Persistent Enrollment Outcomes by Gender

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Female	150	54	121	42	81%	78%	95	31	63%	57%
	Male	207	51	167	38	81%	75%	116	28	56%	55%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
Benchmark	Female	1,081		902		83%		674		62%	
	Male	1,313		1,066		81%		764		58%	
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 all, the next term is spring. For term outcomes, 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. 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 123
MATH 96, 116 & 119 Course Repetition Rates by Gender

Cohort	Group	Headcount of Failed Not X	Headcount of Failed X	Term Repetition Count Not X	Term Repetition Count X	Term Repetition Rate Not X	Term Repetition Rate X	Annual Repetition Count Not X	Annual Repetition Count X	Annual Repetition Rate Not X	Annual Repetition Rate X
Fall 2018	Female	82	12	24	1	29%	8%	29	1	35%	8%
	Male	107	16	33	2	31%	13%	36	2	34%	13%
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	Female	138	54	45	15	33%	28%	56	18	41%	33%
	Male	166	56	42	12	25%	21%	57	14	34%	25%
	Total	**304**	**110**	**87**	**27**	**29%**	**25%**	**113**	**32**	**37%**	**29%**
Fall 2019	Female	196	72	41	14	21%	19%				
	Male	222	95	37	18	17%	19%				
	Non-Binary	1									
	Unknown	4	2	1	1	25%	50%				
	Total	**423**	**169**	**79**	**33**	**19%**	**20%**				
Grand Total		**916**	**307**	**223**	**63**	**24%**	**21%**	**178**	**35**	**36%**	**25%**
Benchmark	Female	1,333		368		28%		522		39%	
	Male	1,452		378		26%		571		39%	
Grand Total		**2,785**		**746**		**27%**		**1,093**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 124
MATH 96, 116 & 119 Term Course Repetition Outcomes by Gender

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Female	24	1	16	1	67%	100%	9	0	38%	0%
	Male	33	2	23	2	70%	100%	13	2	39%	100%
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	Female	45	15	36	12	80%	80%	23	7	51%	47%
	Male	43	12	35	9	81%	75%	26	5	60%	42%
	Total	**88**	**27**	**71**	**21**	**81%**	**78%**	**49**	**12**	**56%**	**44%**
Grand Total		**145**	**30**	**110**	**24**	**76%**	**80%**	**71**	**14**	**49%**	**47%**
Benchmark	Female	374		311		83%		209		56%	
	Male	383		319		83%		208		54%	
Grand Total		**757**		**630**		**83%**		**417**		**55%**	

Table 125
MATH 96, 116 & 119 Annual Course Repetition Outcomes by Gender

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Female	30	1	21	1	70%	100%	12	0	40%	0%
	Male	39	2	28	2	72%	100%	16	2	41%	100%
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**67%**
Benchmark	Female	293		248		85%		157		54%	
	Male	323		266		82%		165		51%	
Grand Total		**616**		**514**		**83%**		**322**		**52%**	

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

MATH 96/X, 116/X, & 119/X Aggregated Outcomes & Persistence by Ethnicity

Table 126
MATH 96, 116 & 119 Cohort Outcomes by Ethnicity

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	27	7	20	5	74%	71%	8	2	30%	29%
	American Indian	1		1		100%		1		100%	
	Asian/Pacific Islander	43	10	41	10	95%	100%	30	9	70%	90%
	Filipino/a	39	7	32	7	82%	100%	20	7	51%	100%
	Latinx	140	29	107	21	76%	72%	75	14	54%	48%
	White	142	26	127	22	89%	85%	88	20	62%	77%
	Other	30	6	24	6	80%	100%	13	5	43%	83%
	Unknown	8	1	7	1	88%	100%	6	1	75%	100%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	African American	39	12	32	10	82%	83%	15	5	38%	42%
	Asian/Pacific Islander	131	21	112	19	85%	90%	90	15	69%	71%
	Filipino/a	77	22	66	17	86%	77%	54	12	70%	55%
	Latinx	201	88	154	73	77%	83%	104	42	52%	48%
	White	269	83	232	69	86%	83%	184	53	68%	64%
	Other	77	25	68	21	88%	84%	47	15	61%	60%
	Unknown	9	4	8	4	89%	100%	5	3	56%	75%
	Total	**803**	**255**	**672**	**213**	**84%**	**84%**	**499**	**145**	**62%**	**57%**
Fall 2019	African American	46	13	33	10	72%	77%	20	5	43%	38%
	American Indian	2		1		50%		0		0%	
	Asian/Pacific Islander	139	43	121	40	87%	93%	95	33	68%	77%
	Filipino/a	119	46	101	45	85%	98%	71	31	60%	67%
	Latinx	287	122	232	107	81%	88%	143	54	50%	44%
	White	287	122	241	101	84%	83%	181	71	63%	58%
	Other	87	35	70	30	80%	86%	45	21	52%	60%
	Unknown	26	7	21	7	81%	100%	15	4	58%	57%
	Total	**993**	**388**	**820**	**340**	**83%**	**88%**	**570**	**219**	**57%**	**56%**
Grand Total		**2,226**	**729**	**1,851**	**625**	**83%**	**86%**	**1,310**	**422**	**59%**	**58%**
Benchmark	African American	332		263		79%		170		51%	
	American Indian	19		15		79%		9		47%	
	Asian/Pacific Islander	1,260		1,104		88%		907		72%	
	Filipino/a	911		793		87%		627		69%	
	Latinx	1,849		1,493		81%		1,033		56%	
	White	2,581		2,161		84%		1,694		66%	
	Other	612		526		86%		385		63%	
	Unknown	115		84		73%		69		60%	
Grand Total		**7,679**		**6,439**		**84%**		**4,894**		**64%**	

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 127
MATH 96, 116 & 119 Persistence Rates by Ethnicity

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	27	7	13	4	48%	57%	17	4	63%	57%
	American Indian	1									
	Asian/Pacific Islander	43	10	24	7	56%	70%	29	7	67%	70%
	Filipino/a	39	7	15	5	38%	71%	17	5	44%	71%
	Latinx	140	29	60	14	43%	48%	67	14	48%	48%
	White	142	26	66	14	46%	54%	79	18	56%	69%
	Other	30	6	15	2	50%	33%	16	3	53%	50%
	Unknown	8	1	6	1	75%	100%	6	1	75%	100%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	African American	39	12	20	5	51%	42%	21	6	54%	50%
	Asian/Pacific Islander	131	21	36	8	27%	38%	48	9	37%	43%
	Filipino/a	77	22	23	11	30%	50%	29	13	38%	59%
	Latinx	201	88	55	28	27%	32%	74	39	37%	44%
	White	269	83	74	31	28%	37%	89	39	33%	47%
	Other	77	25	28	8	36%	32%	35	9	45%	36%
	Unknown	9	4	2	1	22%	25%	3	2	33%	50%
	Total	**803**	**255**	**238**	**92**	**30%**	**36%**	**299**	**117**	**37%**	**46%**
Fall 2019	African American	46	13	11	6	24%	46%				
	American Indian	2		1		50%					
	Asian/Pacific Islander	139	43	51	9	37%	21%				
	Filipino/a	119	46	40	21	34%	46%				
	Latinx	287	122	80	33	28%	27%				
	White	287	122	96	39	33%	32%				
	Other	87	35	29	11	33%	31%				
	Unknown	26	7	9	1	35%	14%				
	Total	**993**	**388**	**317**	**120**	**32%**	**31%**				
Grand Total		**2,226**	**729**	**754**	**259**	**34%**	**36%**	**530**	**169**	**43%**	**50%**
Benchmark	African American	332		124		37%		161		48%	
	American Indian	19		3		16%		5		26%	
	Asian/Pacific Islander	1,260		509		40%		632		50%	
	Filipino/a	911		353		39%		443		49%	
	Latinx	1,849		663		36%		835		45%	
	White	2,581		904		35%		1,140		44%	
	Other	612		207		34%		263		43%	
	Unknown	115		38		33%		45		39%	
Grand Total		**7,679**		**2,801**		**36%**		**3,524**		**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 of fall is considered "next term". For fall, the next term is spring. 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 128
MATH 96, 116 & 119 Term Persistent Enrollment Outcomes by Ethnicity

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	15	8	12	6	80%	75%	5	3	33%	38%
	Asian/Pacific Islander	25	10	25	9	100%	90%	20	7	80%	70%
	Filipino/a	17	6	12	5	71%	83%	8	3	47%	50%
	Latinx	63	19	46	12	73%	63%	33	8	52%	42%
	White	76	18	57	13	75%	72%	40	10	53%	56%
	Other	19	2	18	1	95%	50%	14	0	74%	0%
	Unknown	6	2	5	2	83%	100%	3	2	50%	100%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	African American	27	6	19	5	70%	83%	17	3	63%	50%
	Asian/Pacific Islander	44	10	40	5	91%	50%	38	4	86%	40%
	Filipino/a	29	16	27	13	93%	81%	21	12	72%	75%
	Latinx	61	39	44	34	72%	87%	31	18	51%	46%
	White	95	45	78	34	82%	76%	66	26	69%	58%
	Other	31	10	23	8	74%	80%	12	5	39%	50%
	Unknown	2	2	1	2	50%	100%	1	1	50%	50%
	Total	**289**	**128**	**232**	**101**	**80%**	**79%**	**186**	**69**	**64%**	**54%**
Grand Total		**510**	**193**	**407**	**149**	**80%**	**77%**	**309**	**102**	**61%**	**53%**

Benchmark	African American	140		114		81%		88		63%	
	American Indian	3		3		100%		2		67%	
	Asian/Pacific Islander	567		497		88%		397		70%	
	Filipino/a	381		325		85%		261		69%	
	Latinx	735		608		83%		443		60%	
	White	995		849		85%		664		67%	
	Other	224		196		88%		149		67%	
	Unknown	45		31		69%		24		53%	
Grand Total		**3,090**		**2,623**		**85%**		**2,028**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 129
MATH 96, 116 & 119 Annual Persistent Enrollment Outcomes by Ethnicity

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	26	10	19	7	73%	70%	10	3	38%	30%
	Asian/Pacific Islander	40	18	39	16	98%	89%	33	14	83%	78%
	Filipino/a	23	8	17	7	74%	88%	12	4	52%	50%
	Latinx	99	31	74	23	75%	74%	55	17	56%	55%
	White	133	31	105	23	79%	74%	76	18	57%	58%
	Other	28	5	27	2	96%	40%	21	1	75%	20%
	Unknown	8	2	7	2	88%	100%	4	2	50%	100%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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**		**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 130
MATH 96, 116 & 119 Course Repetition Rates by Ethnicity

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	19	5	8	2	42%	40%	12	2	63%	40%
	Asian/Pacific Islander	13	1	5		38%		6		46%	
	Filipino/a	19		6		32%		6		32%	
	Latinx	65	15	20	1	31%	7%	20	1	31%	7%
	White	54	6	13		24%		15		28%	
	Other	17	1	3		18%		4		24%	
	Unknown	2		2		100%		2		100%	
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	African American	24	7	9	2	38%	29%	11	2	46%	29%
	Asian/Pacific Islander	41	6	9	1	22%	17%	11	1	27%	17%
	Filipino/a	23	10	8	5	35%	50%	9	5	39%	50%
	Latinx	97	46	22	10	23%	22%	34	13	35%	28%
	White	85	30	24	5	28%	17%	30	7	35%	23%
	Other	30	10	13	3	43%	30%	15	3	50%	30%
	Unknown	4	1	2	1	50%	100%	3	1	75%	100%
	Total	**304**	**110**	**87**	**27**	**29%**	**25%**	**113**	**32**	**37%**	**29%**
Fall 2019	African American	26	8	4	3	15%	38%				
	American Indian	2		1		50%					
	Asian/Pacific Islander	44	10	8	1	18%	10%				
	Filipino/a	48	15	10	2	21%	13%				
	Latinx	144	68	25	13	17%	19%				
	White	106	51	20	11	19%	22%				
	Other	42	14	9	3	21%	21%				
	Unknown	11	3	2		18%					
	Total	**423**	**169**	**79**	**33**	**19%**	**20%**				
Grand Total		**916**	**307**	**223**	**63**	**24%**	**21%**	**178**	**35**	**36%**	**25%**
Benchmark	African American	162		38		23%		64		40%	
	American Indian	10						1		10%	
	Asian/Pacific Islander	353		96		27%		146		41%	
	Filipino/a	284		86		30%		131		46%	
	Latinx	816		247		30%		334		41%	
	White	887		218		25%		324		37%	
	Other	227		52		23%		79		35%	
	Unknown	46		9		20%		14		30%	
Grand Total		**2,785**		**746**		**27%**		**1,093**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 131
MATH 96, 116 & 119 Term Course Repetition Outcomes by Ethnicity

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	8	2	6	2	75%	100%	2	1	25%	50%
	Asian/Pacific Islander	5		5		100%		4		80%	
	Filipino/a	6		5		83%		4		67%	
	Latinx	20	1	13	1	65%	100%	6	1	30%	100%
	White	13		5		38%		4		31%	
	Other	3		3		100%		1		33%	
	Unknown	2		2		100%		1		50%	
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	African American	9	2	6	1	67%	50%	5	1	56%	50%
	Asian/Pacific Islander	9	1	7	0	78%	0%	6	0	67%	0%
	Filipino/a	8	5	7	4	88%	80%	4	3	50%	60%
	Latinx	22	10	19	9	86%	90%	14	5	64%	50%
	White	25	5	20	3	80%	60%	14	2	56%	40%
	Other	13	3	11	3	85%	100%	5	1	38%	33%
	Unknown	2	1	1	1	50%	100%	1	0	50%	0%
	Total	**88**	**27**	**71**	**21**	**81%**	**78%**	**49**	**12**	**56%**	**44%**
Grand Total		**145**	**30**	**110**	**24**	**76%**	**80%**	**71**	**14**	**49%**	**47%**

Cohort	Group	Enrollment	Retention Count	Retention Rate	Success Count	Success Rate
Benchmark	African American	40	32	80%	22	55%
	Asian/Pacific Islander	97	84	87%	55	57%
	Filipino/a	87	74	85%	49	56%
	Latinx	252	198	79%	120	48%
	White	219	190	87%	140	64%
	Other	53	47	89%	28	53%
	Unknown	9	5	56%	3	33%
Grand Total		**757**	**630**	**83%**	**417**	**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 132

MATH 96, 116 & 119 Annual Course Repetition Outcomes by Ethnicity

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	13	2	9	2	69%	100%	4	1	31%	50%
	Asian/Pacific Islander	6		6		100%		5		83%	
	Filipino/a	6		5		83%		4		67%	
	Latinx	22	1	15	1	68%	100%	7	1	32%	100%
	White	16		8		50%		5		31%	
	Other	4		4		100%		2		50%	
	Unknown	2		2		100%		1		50%	
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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**		**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.

MATH 96/X, 116/X, & 119/X Aggregated Outcomes & Persistence by Age

Table 133
MATH 96, 116 & 119 Cohort Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Fall 2018	18 - 24	293	65	249	56	85%	86%	162	44	55%	68%
	25 - 29	69	5	54	5	78%	100%	39	5	57%	100%
	30 - 39	47	12	37	8	79%	67%	26	6	55%	50%
	40 - 49	16	3	14	3	88%	100%	12	3	75%	100%
	50 and >	5	1	5	0	100%	0%	2	0	40%	0%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	17 and <	4		3		75%		3		75%	
	18 - 24	559	184	478	155	86%	84%	348	100	62%	54%
	25 - 29	125	38	96	32	77%	84%	69	25	55%	66%
	30 - 39	84	21	66	18	79%	86%	57	14	68%	67%
	40 - 49	25	8	23	5	92%	63%	16	4	64%	50%
	50 and >	6	4	6	3	100%	75%	6	2	100%	50%
	Total	**803**	**255**	**672**	**213**	**84%**	**84%**	**499**	**145**	**62%**	**57%**
Fall 2019	17 and <	92	32	83	31	90%	97%	63	17	68%	53%
	18 - 24	705	275	585	242	83%	88%	390	152	55%	55%
	25 - 29	108	42	80	34	74%	81%	60	24	56%	57%
	30 - 39	57	30	50	25	88%	83%	40	20	70%	67%
	40 - 49	27	7	20	6	74%	86%	15	4	56%	57%
	50 and >	4	2	2	2	50%	100%	2	2	50%	100%
	Total	**993**	**388**	**820**	**340**	**83%**	**88%**	**570**	**219**	**57%**	**56%**
Grand Total		**2,226**	**729**	**1,851**	**625**	**83%**	**86%**	**1,310**	**422**	**59%**	**58%**
Benchmark	17 and <	177		169		95%		150		85%	
	18 - 24	5,335		4,565		86%		3,418		64%	
	25 - 29	1,116		890		80%		683		61%	
	30 - 39	737		569		77%		442		60%	
	40 - 49	209		165		79%		135		65%	
	50 and >	105		81		77%		66		63%	
Grand Total		**7,679**		**6,439**		**84%**		**4,894**		**64%**	

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 134
MATH 96, 116 & 119 Persistence Rates by Age

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	18 - 24	293	65	147	34	50%	52%	170	38	58%	58%
	25 - 29	69	5	30	4	43%	80%	34	4	49%	80%
	30 - 39	47	12	18	5	38%	42%	20	6	43%	50%
	40 - 49	16	3	3	3	19%	100%	5	3	31%	100%
	50 and >	5	1	1	1	20%	100%	2	1	40%	100%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	17 and <	4		1		25%		1		25%	
	18 - 24	559	184	176	68	31%	37%	223	84	40%	46%
	25 - 29	125	38	39	12	31%	32%	47	17	38%	45%
	30 - 39	84	21	21	7	25%	33%	27	11	32%	52%
	40 - 49	25	8		5		63%		5		63%
	50 and >	6	4	1		17%		1		17%	
	Total	**803**	**255**	**238**	**92**	**30%**	**36%**	**299**	**117**	**37%**	**46%**
Fall 2019	17 and <	92	32	40	10	43%	31%				
	18 - 24	705	275	226	78	32%	28%				
	25 - 29	108	42	36	18	33%	43%				
	30 - 39	57	30	9	10	16%	33%				
	40 - 49	27	7	5	3	19%	43%				
	50 and >	4	2	1	1	25%	50%				
	Total	**993**	**388**	**317**	**120**	**32%**	**31%**				
Grand Total		**2,226**	**729**	**754**	**259**	**34%**	**36%**	**530**	**169**	**43%**	**50%**
Benchmark	17 and <	177		123		69%		129		73%	
	18 - 24	5,335		2,022		38%		2,586		48%	
	25 - 29	1,116		368		33%		445		40%	
	30 - 39	737		209		28%		257		35%	
	40 - 49	209		54		26%		72		34%	
	50 and >	105		25		24%		35		33%	
Grand Total		**7,679**		**2,801**		**36%**		**3,524**		**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 of fall is considered "next term". For fall, the next term is spring. 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 135
MATH 96, 116 & 119 Term Persistent Enrollment Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	18 - 24	161	46	126	35	78%	76%	81	26	50%	57%
	25 - 29	36	4	31	3	86%	75%	28	2	78%	50%
	30 - 39	20	7	14	6	70%	86%	11	2	55%	29%
	40 - 49	3	5	3	3	100%	60%	2	2	67%	40%
	50 and >	1	3	1	1	100%	33%	1	1	100%	33%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	17 and <	2		2		100%		2		100%	
	18 - 24	211	94	175	78	83%	83%	137	51	65%	54%
	25 - 29	46	18	30	12	65%	67%	24	8	52%	44%
	30 - 39	28	10	23	10	82%	100%	22	10	79%	100%
	40 - 49		6		1		17%		0		0%
	50 and >	2		2		100%		1		50%	
	Total	**289**	**128**	**232**	**101**	**80%**	**79%**	**186**	**69**	**64%**	**54%**
Grand Total		**510**	**193**	**407**	**149**	**80%**	**77%**	**309**	**102**	**61%**	**53%**

Cohort	Group	Enrollment Not X	Retention Count Not X	Retention Rate Not X	Success Count Not X	Success Rate Not X
Benchmark	17 and <	125	121	97%	113	90%
	18 - 24	2,212	1,863	84%	1,412	64%
	25 - 29	426	369	87%	290	68%
	30 - 39	242	198	82%	154	64%
	40 - 49	59	51	86%	41	69%
	50 and >	26	21	81%	18	69%
Grand Total		**3,090**	**2,623**	**85%**	**2,028**	**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 136
MATH 96, 116 & 119 Annual Persistent Enrollment Outcomes by Age

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	18 - 24	266	77	215	62	81%	81%	150	48	56%	62%
	25 - 29	52	5	44	4	85%	80%	37	3	71%	60%
	30 - 39	31	12	22	8	71%	67%	19	4	61%	33%
	40 - 49	6	8	5	5	83%	63%	3	3	50%	38%
	50 and >	2	3	2	1	100%	33%	2	1	100%	33%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
Benchmark	17 and <	34		33		97%		22		65%	
	18 - 24	1,705		1,395		82%		1,011		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		**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 137
MATH 96, 116 & 119 Course Repetition Rates by Age

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	18 - 24	131	21	44	2	34%	10%	51	2	39%	10%
	25 - 29	30		5		17%		6		20%	
	30 - 39	21	6	7	1	33%	17%	7	1	33%	17%
	40 - 49	4		1		25%		1		25%	
	50 and >	3	1								
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	17 and <	1									
	18 - 24	211	84	66	17	31%	20%	90	21	43%	25%
	25 - 29	56	13	14	6	25%	46%	16	7	29%	54%
	30 - 39	27	7	7	1	26%	14%	7	1	26%	14%
	40 - 49	9	4		3		75%		3		75%
	50 and >		2								
	Total	**304**	**110**	**87**	**27**	**29%**	**25%**	**113**	**32**	**37%**	**29%**
Fall 2019	17 and <	29	15	9	1	31%	7%				
	18 - 24	315	123	57	23	18%	19%				
	25 - 29	48	18	9	5	19%	28%				
	30 - 39	17	10		3		30%				
	40 - 49	12	3	3	1	25%	33%				
	50 and >	2		1		50%					
	Total	**423**	**169**	**79**	**33**	**19%**	**20%**				
Grand Total		**916**	**307**	**223**	**63**	**24%**	**21%**	**178**	**35**	**36%**	**25%**
Benchmark	17 and <	27		18		67%		18		67%	
	18 - 24	1,917		525		27%		809		42%	
	25 - 29	433		107		25%		139		32%	
	30 - 39	295		69		23%		90		31%	
	40 - 49	74		18		24%		24		32%	
	50 and >	39		9		23%		13		33%	
Grand Total		**2,785**		**746**		**27%**		**1,093**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 138
MATH 96, 116 & 119 Term Course Repetition Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	18 - 24	44	2	29	2	66%	100%	17	2	39%	100%
	25 - 29	5		4		80%		2		40%	
	30 - 39	7	1	5	1	71%	100%	3	0	43%	0%
	40 - 49	1		1		100%		0		0%	
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	18 - 24	66	17	55	16	83%	94%	36	10	55%	59%
	25 - 29	15	6	10	3	67%	50%	8	1	53%	17%
	30 - 39	7	1	6	1	86%	100%	5	1	71%	100%
	40 - 49		3		1		33%		0		0%
	Total	**88**	**27**	**71**	**21**	**81%**	**78%**	**49**	**12**	**56%**	**44%**
Grand Total		**145**	**30**	**110**	**24**	**76%**	**80%**	**71**	**14**	**49%**	**47%**
Benchmark	17 and <	18		16		89%		13		72%	
	18 - 24	531		449		85%		290		55%	
	25 - 29	110		91		83%		59		54%	
	30 - 39	70		53		76%		38		54%	
	40 - 49	18		14		78%		11		61%	
	50 and >	10		7		70%		6		60%	
Grand Total		**757**		**630**		**83%**		**417**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 139

MATH 96, 116 & 119 Annual Course Repetition Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	18 - 24	54	2	37	2	69%	100%	21	2	39%	100%
	25 - 29	6		5		83%		3		50%	
	30 - 39	8	1	6	1	75%	100%	4	0	50%	0%
	40 - 49	1		1		100%		0		0%	
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**67%**
Benchmark	17 and <	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**		**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.

MATH 96/X, 116/X, & 119/X Aggregated Outcomes & Persistence by Academic Standing

Table 140

MATH 96, 116 & 119 Cohort Outcomes by Academic Standing

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Good Standing	339	69	292	60	86%	87%	223	53	66%	77%
	Probation	64	15	46	10	72%	67%	15	5	23%	33%
	Disqualified	27	2	21	2	78%	100%	3	0	11%	0%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	Good Standing	689	204	590	181	86%	89%	480	139	70%	68%
	Probation	78	37	55	20	71%	54%	18	5	23%	14%
	Disqualified	36	14	27	12	75%	86%	1	1	3%	7%
	Total	**803**	**255**	**672**	**213**	**84%**	**84%**	**499**	**145**	**62%**	**57%**
Fall 2019	Good Standing	827	324	705	297	85%	92%	550	210	67%	65%
	Probation	127	50	86	34	68%	68%	17	7	13%	14%
	Disqualified	38	14	29	9	76%	64%	3	2	8%	14%
	Unknown	1		0		0%		0		0%	
	Total	**993**	**388**	**820**	**340**	**83%**	**88%**	**570**	**219**	**57%**	**56%**
Grand Total		**2,226**	**729**	**1,851**	**625**	**83%**	**86%**	**1,310**	**422**	**59%**	**58%**
Benchmark	Good Standing	6,581		5,709		87%		4,678		71%	
	Probation	775		506		65%		170		22%	
	Disqualified	287		188		66%		30		10%	
	Unknown	36		36		100%		16		44%	
Grand Total		**7,679**		**6,439**		**84%**		**4,894**		**64%**	

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 141
MATH 96, 116 & 119 Persistence Rates by Academic Standing

		Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
Cohort	Group	Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Good Standing	339	69	174	41	51%	59%	201	45	59%	65%
	Probation	64	15	22	6	34%	40%	25	6	39%	40%
	Disqualified	27	2	3		11%		5	1	19%	50%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Good Standing	689	204	207	84	30%	41%	257	103	37%	50%
	Probation	78	37	23	7	29%	19%	31	12	40%	32%
	Disqualified	36	14	8	1	22%	7%	11	2	31%	14%
	Total	**803**	**255**	**238**	**92**	**30%**	**36%**	**299**	**117**	**37%**	**46%**
Fall 2019	Good Standing	827	324	281	98	34%	30%				
	Probation	127	50	30	20	24%	40%				
	Disqualified	38	14	6	2	16%	14%				
	Unknown	1									
	Total	**993**	**388**	**317**	**120**	**32%**	**31%**				
Grand Total		**2,226**	**729**	**754**	**259**	**34%**	**36%**	**530**	**169**	**43%**	**50%**

		Cohort Headcount	Term Persistence Count	Term Persistence Rate	Annual Persistence Count	Annual Persistence Rate
Benchmark	Good Standing	6,581	2,523	38%	3,142	48%
	Probation	775	224	29%	302	39%
	Disqualified	287	28	10%	51	18%
	Unknown	36	26	72%	29	81%
Grand Total		**7,679**	**2,801**	**36%**	**3,524**	**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 of fall is considered "next term". For fall, the next term is spring. 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 142
MATH 96, 116 & 119 Term Persistent Enrollment Outcomes by Academic Standing

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Good Standing	193	58	156	44	81%	76%	115	31	60%	53%
	Probation	25	7	19	4	76%	57%	8	2	32%	29%
	Disqualified	3		0		0%		0		0%	
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Good Standing	253	120	203	97	80%	81%	169	68	67%	57%
	Probation	27	7	23	3	85%	43%	14	1	52%	14%
	Disqualified	9	1	6	1	67%	100%	3	0	33%	0%
	Total	**289**	**128**	**232**	**101**	**80%**	**79%**	**186**	**69**	**64%**	**54%**
Grand Total		**510**	**193**	**407**	**149**	**80%**	**77%**	**309**	**102**	**61%**	**53%**
Benchmark	Good Standing	2,792		2,400		86%		1,905		68%	
	Probation	242		170		70%		90		37%	
	Disqualified	30		27		90%		10		33%	
	Unknown	26		26		100%		23		88%	
Grand Total		**3,090**		**2,623**		**85%**		**2,028**		**66%**	

Table 143
MATH 96, 116 & 119 Annual Persistent Enrollment Outcomes by Academic Standing

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Good Standing	314	94	257	72	82%	77%	193	56	61%	60%
	Probation	37	9	29	6	78%	67%	16	3	43%	33%
	Disqualified	6	2	2	2	33%	100%	2	0	33%	0%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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 or fall is considered "next term". For all, the next term is spring. For term outcomes, 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. 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 144

MATH 96, 116 & 119 Course Repetition Rates by Academic Standing

Cohort	Group	Headcount of Failed Not X	Headcount of Failed X	Term Repetition Count Not X	Term Repetition Count X	Term Repetition Rate Not X	Term Repetition Rate X	Annual Repetition Count Not X	Annual Repetition Count X	Annual Repetition Rate Not X	Annual Repetition Rate X
Fall 2018	Good Standing	116	16	42	2	36%	13%	46	2	40%	13%
	Probation	49	10	13	1	27%	10%	17	1	35%	10%
	Disqualified	24	2	2		8%		2		8%	
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	Good Standing	209	65	70	23	33%	35%	88	26	42%	40%
	Probation	60	32	12	3	20%	9%	17	5	28%	16%
	Disqualified	35	13	5	1	14%	8%	8	1	23%	8%
	Total	**304**	**110**	**87**	**27**	**29%**	**25%**	**113**	**32**	**37%**	**29%**
Fall 2019	Good Standing	277	114	58	23	21%	20%				
	Probation	110	43	19	8	17%	19%				
	Disqualified	35	12	2	2	6%	17%				
	Unknown	1									
	Total	**423**	**169**	**79**	**33**	**19%**	**20%**				
Grand Total		**916**	**307**	**223**	**63**	**24%**	**21%**	**178**	**35**	**36%**	**25%**
Benchmark	Good Standing	1,903		567		30%		833		44%	
	Probation	605		141		23%		204		34%	
	Disqualified	257		21		8%		37		14%	
	Unknown	20		17		85%		19		95%	
Grand Total		**2,785**		**746**		**27%**		**1,093**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 145
MATH 96, 116 & 119 Term Course Repetition Outcomes by Academic Standing

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	Good Standing	42	2	30	2	71%	100%	20	2	48%	100%
	Probation	13	1	9	1	69%	100%	2	0	15%	0%
	Disqualified	2		0		0%		0		0%	
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	Good Standing	71	23	56	18	79%	78%	40	12	56%	52%
	Probation	12	3	10	2	83%	67%	6	0	50%	0%
	Disqualified	5	1	5	1	100%	100%	3	0	60%	0%
	Total	**88**	**27**	**71**	**21**	**81%**	**78%**	**49**	**12**	**56%**	**44%**
Grand Total		**145**	**30**	**110**	**24**	**76%**	**80%**	**71**	**14**	**49%**	**47%**
Benchmark	Good Standing	577		487		84%		340		59%	
	Probation	142		107		75%		56		39%	
	Disqualified	21		19		90%		7		33%	
	Unknown	17		17		100%		14		82%	
Grand Total		**757**		**630**		**83%**		**417**		**55%**	

Table 146
MATH 96, 116 & 119 Annual Course Repetition Outcomes by Academic Standing

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	Good Standing	50	2	36	2	72%	100%	22	2	44%	100%
	Probation	17	1	13	1	76%	100%	6	0	35%	0%
	Disqualified	2		0		0%		0		0%	
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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 or fall is considered "next term". For all, the next term is spring. For term outcomes, 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. 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.

MATH 96/X, 116/X, & 119/X Aggregated Outcomes & Persistence by DSPS Status

Table 147
MATH 96, 116 & 119 Cohort Outcomes by DSPS Status

Cohort	Group	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Fall 2018	DSPS	29	16	25	12	86%	75%	15	10	52%	63%
	Not DSPS	401	70	334	60	83%	86%	226	48	56%	69%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	DSPS	41	28	36	18	88%	64%	25	9	61%	32%
	Not DSPS	762	227	636	195	83%	86%	474	136	62%	60%
	Total	**803**	**255**	**672**	**213**	**84%**	**84%**	**499**	**145**	**62%**	**57%**
Fall 2019	DSPS	27	52	24	43	89%	83%	16	22	59%	42%
	Unknown	966	336	796	297	82%	88%	554	197	57%	59%
	Total	**993**	**388**	**820**	**340**	**83%**	**88%**	**570**	**219**	**57%**	**56%**
Grand Total		**2,226**	**729**	**1,851**	**625**	**83%**	**86%**	**1,310**	**422**	**59%**	**58%**
Benchmark	DSPS	356		310		87%		240		67%	
	Not DSPS	7,323		6,129		84%		4,654		64%	
Grand Total		**7,679**		**6,439**		**84%**		**4,894**		**64%**	

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 148

MATH 96, 116 & 119 Persistence Rates by DSPS Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	DSPS	29	16	17	7	59%	44%	19	8	66%	50%
	Not DSPS	401	70	182	40	45%	57%	212	44	53%	63%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	DSPS	41	28	19	15	46%	54%	21	18	51%	64%
	Not DSPS	762	227	219	77	29%	34%	278	99	36%	44%
	Total	**803**	**255**	**238**	**92**	**30%**	**36%**	**299**	**117**	**37%**	**46%**
Fall 2019	DSPS	27	52	10	12	37%	23%				
	Unknown	966	336	307	108	32%	32%				
	Total	**993**	**388**	**317**	**120**	**32%**	**31%**				
Grand Total		**2,226**	**729**	**754**	**259**	**34%**	**36%**	**530**	**169**	**43%**	**50%**
Benchmark	DSPS	356		132		37%		162		46%	
	Not DSPS	7,323		2,669		36%		3,362		46%	
Grand Total		**7,679**		**2,801**		**36%**		**3,524**		**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 of fall is considered "next term". For fall, the next term is spring. 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 149
MATH 96, 116 & 119 Term Persistent Enrollment Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	DSPS	19	11	13	7	68%	64%	7	6	37%	55%
	Not DSPS	202	54	162	41	80%	76%	116	27	57%	50%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	DSPS	24	24	19	17	79%	71%	16	11	67%	46%
	Not DSPS	265	104	213	84	80%	81%	170	58	64%	56%
	Total	**289**	**128**	**232**	**101**	**80%**	**79%**	**186**	**69**	**64%**	**54%**
Grand Total		**510**	**193**	**407**	**149**	**80%**	**77%**	**309**	**102**	**61%**	**53%**
Benchmark	DSPS	139		118		85%		94		68%	
	Not DSPS	2,951		2,505		85%		1,934		66%	
Grand Total		**3,090**		**2,623**		**85%**		**2,028**		**66%**	

Table 150
MATH 96, 116 & 119 Annual Persistent Enrollment Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	DSPS	31	18	23	14	74%	78%	14	12	45%	67%
	Not DSPS	326	87	265	66	81%	76%	197	47	60%	54%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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%**	

Note. For spring, enrollment in the following summer or fall is considered "next term". For all, the next term is spring. For term outcomes, 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. 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 151

MATH 96, 116 & 119 Course Repetition Rates by DSPS Status

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Fall 2018	DSPS	14	6	6		43%		6		43%	
	Not DSPS	175	22	51	3	29%	14%	59	3	34%	14%
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	DSPS	16	19	9	7	56%	37%	10	8	63%	42%
	Not DSPS	288	91	78	20	27%	22%	103	24	36%	26%
	Total	**304**	**110**	**87**	**27**	**29%**	**25%**	**113**	**32**	**37%**	**29%**
Fall 2019	DSPS	11	30	6	6	55%	20%				
	Unknown	412	139	73	27	18%	19%				
	Total	**423**	**169**	**79**	**33**	**19%**	**20%**				
Grand Total		**916**	**307**	**223**	**63**	**24%**	**21%**	**178**	**35**	**36%**	**25%**

Benchmark	Group	Headcount of Failed	Term Repetition Count	Term Repetition Rate	Annual Repetition Count	Annual Repetition Rate
Benchmark	DSPS	116	35	30%	49	42%
	Not DSPS	2,669	711	27%	1,044	39%
Grand Total		**2,785**	**746**	**27%**	**1,093**	**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 152
MATH 96, 116 & 119 Term Course Repetition Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	DSPS	6		2		33%		1		17%	
	Not DSPS	51	3	37	3	73%	100%	21	2	41%	67%
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	DSPS	10	7	9	6	90%	86%	7	2	70%	29%
	Not DSPS	78	20	62	15	79%	75%	42	10	54%	50%
	Total	**88**	**27**	**71**	**21**	**81%**	**78%**	**49**	**12**	**56%**	**44%**
Grand Total		**145**	**30**	**110**	**24**	**76%**	**80%**	**71**	**14**	**49%**	**47%**
Benchmark	DSPS	35		27		77%		18		51%	
	Not DSPS	722		603		84%		399		55%	
Grand Total		**757**		**630**		**83%**		**417**		**55%**	

Table 153
MATH 96, 116 & 119 Annual Course Repetition Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	DSPS	8		4		50%		2		25%	
	Not DSPS	61	3	45	3	74%	100%	26	2	43%	67%
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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 or fall is considered "next term". For all, the next term is spring. For term outcomes, 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. 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.

MATH 96/X, 116/X, & 119/X Aggregated Outcomes & Persistence by First Generation Status

Table 154
MATH 96, 116 & 119 Cohort Outcomes by First Generation Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	First Gen.	94	25	71	21	76%	84%	51	18	54%	72%
	Not First Gen.	336	61	288	51	86%	84%	190	40	57%	66%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	First Gen.	168	67	139	57	83%	85%	102	38	61%	57%
	Not First Gen.	635	188	533	156	84%	83%	397	107	63%	57%
	Total	**803**	**255**	**672**	**213**	**84%**	**84%**	**499**	**145**	**62%**	**57%**
Fall 2019	First Gen.	67	26	51	20	76%	77%	29	8	43%	31%
	Not First Gen.	178	59	151	49	85%	83%	106	30	60%	51%
	Unknown	748	303	618	271	83%	89%	435	181	58%	60%
	Total	**993**	**388**	**820**	**340**	**83%**	**88%**	**570**	**219**	**57%**	**56%**
Grand Total		**2,226**	**729**	**1,851**	**625**	**83%**	**86%**	**1,310**	**422**	**59%**	**58%**
Benchmark	First Gen.	1,764		1,449		82%		1,086		62%	
	Not First Gen.	5,914		4,990		84%		3,808		64%	
	Unknown	1		0		0%		0		0%	
Grand Total		**7,679**		**6,439**		**84%**		**4,894**		**64%**	

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 155
MATH 96, 116 & 119 Persistence Rates by First Generation Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	First Gen.	94	25	40	17	43%	68%	47	17	50%	68%
	Not First Gen.	336	61	159	30	47%	49%	184	35	55%	57%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	First Gen.	168	67	47	18	28%	27%	59	27	35%	40%
	Not First Gen.	635	188	191	74	30%	39%	240	90	38%	48%
	Total	**803**	**255**	**238**	**92**	**30%**	**36%**	**299**	**117**	**37%**	**46%**
Fall 2019	First Gen.	67	26	21	6	31%	23%				
	Not First Gen.	178	59	57	21	32%	36%				
	Unknown	748	303	239	93	32%	31%				
	Total	**993**	**388**	**317**	**120**	**32%**	**31%**				
Grand Total		**2,226**	**729**	**754**	**259**	**34%**	**36%**	**530**	**169**	**43%**	**50%**
Benchmark	First Gen.	1,764		610		35%		768		44%	
	Not First Gen.	5,914		2,191		37%		2,756		47%	
	Unknown	1									
Grand Total		**7,679**		**2,801**		**36%**		**3,524**		**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 of fall is considered "next term". For fall, the next term is spring. 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 156
MATH 96, 116 & 119 Term Persistent Enrollment Outcomes by First Generation Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	First Gen.	44	21	34	16	77%	76%	28	11	64%	52%
	Not First Gen.	177	44	141	32	80%	73%	95	22	54%	50%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	First Gen.	58	24	42	20	72%	83%	33	13	57%	54%
	Not First Gen.	231	104	190	81	82%	78%	153	56	66%	54%
	Total	**289**	**128**	**232**	**101**	**80%**	**79%**	**186**	**69**	**64%**	**54%**
Grand Total		**510**	**193**	**407**	**149**	**80%**	**77%**	**309**	**102**	**61%**	**53%**
Benchmark	First Gen.	672		567		84%		429		64%	
	Not First Gen.	2,418		2,056		85%		1,599		66%	
Grand Total		**3,090**		**2,623**		**85%**		**2,028**		**66%**	

Table 157
MATH 96, 116 & 119 Annual Persistent Enrollment Outcomes by First Generation Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	First Gen.	72	33	55	27	76%	82%	47	20	65%	61%
	Not First Gen.	285	72	233	53	82%	74%	164	39	58%	54%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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 or fall is considered "next term". For all, the next term is spring. For term outcomes, 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. 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 158

MATH 96, 116 & 119 Course Repetition Rates by First Generation Status

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Fall 2018	First Gen.	43	7	13		30%		13		30%	
	Not First Gen.	146	21	44	3	30%	14%	52	3	36%	14%
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	First Gen.	66	29	18	4	27%	14%	22	6	33%	21%
	Not First Gen.	238	81	69	23	29%	28%	91	26	38%	32%
	Total	**304**	**110**	**87**	**27**	**29%**	**25%**	**113**	**32**	**37%**	**29%**
Fall 2019	First Gen.	38	18	8	3	21%	17%				
	Not First Gen.	72	29	15	1	21%	3%				
	Unknown	313	122	56	29	18%	24%				
	Total	**423**	**169**	**79**	**33**	**19%**	**20%**				
Grand Total		**916**	**307**	**223**	**63**	**24%**	**21%**	**178**	**35**	**36%**	**25%**
Benchmark	First Gen.	678		180		27%		255		38%	
	Not First Gen.	2,106		566		27%		838		40%	
	Unknown	1									
Grand Total		**2,785**		**746**		**27%**		**1,093**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 159
MATH 96, 116 & 119 Term Course Repetition Outcomes by First Generation Status

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	First Gen.	13		9		69%		6		46%	
	Not First Gen.	44	3	30	3	68%	100%	16	2	36%	67%
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	First Gen.	18	4	14	4	78%	100%	11	1	61%	25%
	Not First Gen.	70	23	57	17	81%	74%	38	11	54%	48%
	Total	**88**	**27**	**71**	**21**	**81%**	**78%**	**49**	**12**	**56%**	**44%**
Grand Total		**145**	**30**	**110**	**24**	**76%**	**80%**	**71**	**14**	**49%**	**47%**
Benchmark	First Gen.	186		150		81%		97		52%	
	Not First Gen.	571		480		84%		320		56%	
Grand Total		**757**		**630**		**83%**		**417**		**55%**	

Table 160
MATH 96, 116 & 119 Annual Course Repetition Outcomes by First Generation Status

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	First Gen.	14		9		64%		6		43%	
	Not First Gen.	55	3	40	3	73%	100%	22	2	40%	67%
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**67%**
Benchmark	First Gen.	156		128		82%		76		49%	
	Not First Gen.	460		386		84%		246		53%	
Grand Total		**616**		**514**		**83%**		**322**		**52%**	

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

MATH 96/X, 116/X, & 119/X Aggregated Outcomes & Persistence by Foster Youth Status

Table 161
MATH 96, 116 & 119 Cohort Outcomes by Foster Youth Status

Cohort	Group	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Fall 2018	Foster Youth	11	1	10	1	91%	100%	6	1	55%	100%
	Not Foster Youth	419	85	349	71	83%	84%	235	57	56%	67%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	Foster Youth	18	7	14	7	78%	100%	12	5	67%	71%
	Not Foster Youth	785	248	658	206	84%	83%	487	140	62%	56%
	Total	**803**	**255**	**672**	**213**	**84%**	**84%**	**499**	**145**	**62%**	**57%**
Fall 2019	Foster Youth	2	2	2	1	100%	50%	1	0	50%	0%
	Not Foster Youth	991	386	818	339	83%	88%	569	219	57%	57%
	Total	**993**	**388**	**820**	**340**	**83%**	**88%**	**570**	**219**	**57%**	**56%**
Grand Total		**2,226**	**729**	**1,851**	**625**	**83%**	**86%**	**1,310**	**422**	**59%**	**58%**

Cohort	Group	Enrollment	Cohort Retention Count	Cohort Retention Rate	Cohort Success Count	Cohort Success Rate
Benchmark	Foster Youth	126	106	84%	84	67%
	Not Foster Youth	7,293	6,122	84%	4,648	64%
	Unknown	260	211	81%	162	62%
Grand Total		**7,679**	**6,439**	**84%**	**4,894**	**64%**

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 162
MATH 96, 116 & 119 Persistence Rates by Foster Youth Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	11	1	3	1	27%	100%	5	1	45%	100%
	Not Foster Youth	419	85	196	46	47%	54%	226	51	54%	60%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Foster Youth	18	7	5	3	28%	43%	5	3	28%	43%
	Not Foster Youth	785	248	233	89	30%	36%	294	114	37%	46%
	Total	**803**	**255**	**238**	**92**	**30%**	**36%**	**299**	**117**	**37%**	**46%**
Fall 2019	Foster Youth	2	2		1		50%				
	Not Foster Youth	991	386	317	119	32%	31%				
	Total	**993**	**388**	**317**	**120**	**32%**	**31%**				
Grand Total		**2,226**	**729**	**754**	**259**	**34%**	**36%**	**530**	**169**	**43%**	**50%**
Benchmark	Foster Youth	126		46		37%		60		48%	
	Not Foster Youth	7,293		2,684		37%		3,376		46%	
	Unknown	260		71		27%		88		34%	
Grand Total		**7,679**		**2,801**		**36%**		**3,524**		**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 of fall is considered "next term". For fall, the next term is spring. 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 163
MATH 96, 116 & 119 Term Persistent Enrollment Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	3	1	2	1	67%	100%	1	1	33%	100%
	Not Foster Youth	218	64	173	47	79%	73%	122	32	56%	50%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Foster Youth	7	5	4	3	57%	60%	3	3	43%	60%
	Not Foster Youth	282	123	228	98	81%	80%	183	66	65%	54%
	Total	**289**	**128**	**232**	**101**	**80%**	**79%**	**186**	**69**	**64%**	**54%**
Grand Total		**510**	**193**	**407**	**149**	**80%**	**77%**	**309**	**102**	**61%**	**53%**
Benchmark	Foster Youth	47		42		89%		34		72%	
	Not Foster Youth	2,969		2,518		85%		1,949		66%	
	Unknown	74		63		85%		45		61%	
Grand Total		**3,090**		**2,623**		**85%**		**2,028**		**66%**	

Table 164
MATH 96, 116 & 119 Annual Persistent Enrollment Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	8	1	6	1	75%	100%	5	1	63%	100%
	Not Foster Youth	349	104	282	79	81%	76%	206	58	59%	56%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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%**	

Note. For spring, enrollment in the following summer or fall is considered "next term". For all, the next term is spring. For term outcomes, 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. 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 165
MATH 96, 116 & 119 Course Repetition Rates by Foster Youth Status

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	5		1		20%		1		20%	
	Not Foster Youth	184	28	56	3	30%	11%	64	3	35%	11%
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	Foster Youth	6	2	2	1	33%	50%	2	1	33%	50%
	Not Foster Youth	298	108	85	26	29%	24%	111	31	37%	29%
	Total	**304**	**110**	**87**	**27**	**29%**	**25%**	**113**	**32**	**37%**	**29%**
Fall 2019	Foster Youth	1	2		1		50%				
	Not Foster Youth	422	167	79	32	19%	19%				
	Total	**423**	**169**	**79**	**33**	**19%**	**20%**				
Grand Total		**916**	**307**	**223**	**63**	**24%**	**21%**	**178**	**35**	**36%**	**25%**
Benchmark	Foster Youth	42		12		29%		15		36%	
	Not Foster Youth	2,645		710		27%		1,046		40%	
	Unknown	98		24		24%		32		33%	
Grand Total		**2,785**		**746**		**27%**		**1,093**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 166
MATH 96, 116 & 119 Term Course Repetition Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	1		0		0%		0		0%	
	Not Foster Youth	56	3	39	3	70%	100%	22	2	39%	67%
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	Foster Youth	2	1	1	0	50%	0%	0	0	0%	0%
	Not Foster Youth	86	26	70	21	81%	81%	49	12	57%	46%
	Total	**88**	**27**	**71**	**21**	**81%**	**78%**	**49**	**12**	**56%**	**44%**
Grand Total		**145**	**30**	**110**	**24**	**76%**	**80%**	**71**	**14**	**49%**	**47%**
Benchmark	Foster Youth	12		10		83%		8		67%	
	Not Foster Youth	721		600		83%		396		55%	
	Unknown	24		20		83%		13		54%	
Grand Total		**757**		**630**		**83%**		**417**		**55%**	

Table 167
MATH 96, 116 & 119 Annual Course Repetition Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	2		0		0%		0		0%	
	Not Foster Youth	67	3	49	3	73%	100%	28	2	42%	67%
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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 or fall is considered "next term". For all, the next term is spring. For term outcomes, 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. 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.

MATH 96/X, 116/X, & 119/X Aggregated Outcomes & Persistence by Military Status

Table 168
MATH 96, 116 & 119 Cohort Outcomes by Military Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	372	71	310	61	83%	86%	203	51	55%	72%
	Veteran/Active Duty	58	15	49	11	84%	73%	38	7	66%	47%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	Not Veteran/Active Duty	713	217	596	179	84%	82%	446	116	63%	53%
	Veteran/Active Duty	90	38	76	34	84%	89%	53	29	59%	76%
	Total	**803**	**255**	**672**	**213**	**84%**	**84%**	**499**	**145**	**62%**	**57%**
Fall 2019	Not Veteran/Active Duty	876	345	720	303	82%	88%	500	190	57%	55%
	Veteran/Active Duty	117	43	100	37	85%	86%	70	29	60%	67%
	Total	**993**	**388**	**820**	**340**	**83%**	**88%**	**570**	**219**	**57%**	**56%**
Grand Total		**2,226**	**729**	**1,851**	**625**	**83%**	**86%**	**1,310**	**422**	**59%**	**58%**
Benchmark	Not Veteran/Active Duty	6,737		5,659		84%		4,327		64%	
	Veteran/Active Duty	942		780		83%		567		60%	
Grand Total		**7,679**		**6,439**		**84%**		**4,894**		**64%**	

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 169
MATH 96, 116 & 119 Persistence Rates by Military Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	Not Veteran/Active Duty	372	71	172	38	46%	54%	203	43	55%	61%
	Veteran/Active Duty	58	15	27	9	47%	60%	28	9	48%	60%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Not Veteran/Active Duty	713	217	216	83	30%	38%	270	105	38%	48%
	Veteran/Active Duty	90	38	22	9	24%	24%	29	12	32%	32%
	Total	**803**	**255**	**238**	**92**	**30%**	**36%**	**299**	**117**	**37%**	**46%**
Fall 2019	Not Veteran/Active Duty	876	345	284	101	32%	29%				
	Veteran/Active Duty	117	43	33	19	28%	44%				
	Total	**993**	**388**	**317**	**120**	**32%**	**31%**				
Grand Total		**2,226**	**729**	**754**	**259**	**34%**	**36%**	**530**	**169**	**43%**	**50%**
Benchmark	Not Veteran/Active Duty	6,737		2,489		37%		3,120		46%	
	Veteran/Active Duty	942		312		33%		404		43%	
Grand Total		**7,679**		**2,801**		**36%**		**3,524**		**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 of fall is considered "next term". For fall, the next term is spring. 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 170
MATH 96, 116 & 119 Term Persistent Enrollment Outcomes by Military Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	189	53	149	39	79%	74%	101	28	53%	53%
	Veteran/Active Duty	32	12	26	9	81%	75%	22	5	69%	42%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Not Veteran/Active Duty	263	117	209	91	79%	78%	168	63	64%	54%
	Veteran/Active Duty	26	11	23	10	88%	91%	18	6	69%	55%
	Total	**289**	**128**	**232**	**101**	**80%**	**79%**	**186**	**69**	**64%**	**54%**
Grand Total		**510**	**193**	**407**	**149**	**80%**	**77%**	**309**	**102**	**61%**	**53%**
Benchmark	Not Veteran/Active Duty	2,725		2,309		85%		1,781		65%	
	Veteran/Active Duty	365		314		86%		247		68%	
Grand Total		**3,090**		**2,623**		**85%**		**2,028**		**66%**	

Table 171
MATH 96, 116 & 119 Annual Persistent Enrollment Outcomes by Military Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	307	87	246	65	80%	75%	176	49	57%	56%
	Veteran/Active Duty	50	18	42	15	84%	83%	35	10	70%	56%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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 or fall is considered "next term". For all, the next term is spring. For term outcomes, 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. 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 172

MATH 96, 116 & 119 Course Repetition Rates by Military Status

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	169	20	52	1	31%	5%	60	1	36%	5%
	Veteran/Active Duty	20	8	5	2	25%	25%	5	2	25%	25%
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	Not Veteran/Active Duty	267	101	82	26	31%	26%	104	30	39%	30%
	Veteran/Active Duty	37	9	5	1	14%	11%	9	2	24%	22%
	Total	**304**	**110**	**87**	**27**	**29%**	**25%**	**113**	**32**	**37%**	**29%**
Fall 2019	Not Veteran/Active Duty	376	155	71	30	19%	19%				
	Veteran/Active Duty	47	14	8	3	17%	21%				
	Total	**423**	**169**	**79**	**33**	**19%**	**20%**				
Grand Total		**916**	**307**	**223**	**63**	**24%**	**21%**	**178**	**35**	**36%**	**25%**
Benchmark	Not Veteran/Active Duty	2,410		665		28%		965		40%	
	Veteran/Active Duty	375		81		22%		128		34%	
Grand Total		**2,785**		**746**		**27%**		**1,093**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 173
MATH 96, 116 & 119 Term Course Repetition Outcomes by Military Status

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Not Veteran/Active Duty	52	1	36	1	69%	100%	19	1	37%	100%
	Veteran/Active Duty	5	2	3	2	60%	100%	3	1	60%	50%
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	Not Veteran/Active Duty	83	26	66	20	80%	77%	45	11	54%	42%
	Veteran/Active Duty	5	1	5	1	100%	100%	4	1	80%	100%
	Total	**88**	**27**	**71**	**21**	**81%**	**78%**	**49**	**12**	**56%**	**44%**
Grand Total		**145**	**30**	**110**	**24**	**76%**	**80%**	**71**	**14**	**49%**	**47%**
Benchmark	Not Veteran/Active Duty	675		563		83%		371		55%	
	Veteran/Active Duty	82		67		82%		46		56%	
Grand Total		**757**		**630**		**83%**		**417**		**55%**	

Table 174
MATH 96, 116 & 119 Annual Course Repetition Outcomes by Military Status

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Not Veteran/Active Duty	63	1	45	1	71%	100%	24	1	38%	100%
	Veteran/Active Duty	6	2	4	2	67%	100%	4	1	67%	50%
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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 or fall is considered "next term". For all, the next term is spring. For term outcomes, 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. 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.

MATH 96/X, 116/X, & 119/X Aggregated Outcomes & Persistence by Section Modality

Table 175
MATH 96, 116 & 119 Cohort Outcomes by Section Modality

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day	262	86	237	72	90%	84%	172	58	66%	67%
	Evening	84		69		82%		49		58%	
	Online	84		53		63%		20		24%	
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	Day	515	192	451	158	88%	82%	330	99	64%	52%
	Evening	126	63	114	55	90%	87%	101	46	80%	73%
	Online	162		107		66%		68		42%	
	Total	**803**	**255**	**672**	**213**	**84%**	**84%**	**499**	**145**	**62%**	**57%**
Fall 2019	Day	688	314	593	278	86%	89%	413	176	60%	56%
	Evening	165	74	136	62	82%	84%	101	43	61%	58%
	Online	140		91		65%		56		40%	
	Total	**993**	**388**	**820**	**340**	**83%**	**88%**	**570**	**219**	**57%**	**56%**
Grand Total		**2,226**	**729**	**1,851**	**625**	**83%**	**86%**	**1,310**	**422**	**59%**	**58%**
Benchmark	Day	5,060		4,445		88%		3,429		68%	
	Evening	1,573		1,326		84%		1,050		67%	
	Online	1,046		668		64%		415		40%	
Grand Total		**7,679**		**6,439**		**84%**		**4,894**		**64%**	

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 176

MATH 96, 116 & 119 Persistence Rates by Section Modality

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day	262	86	139	47	53%	55%	158	52	60%	60%
	Evening	84		29		35%		34		40%	
	Online	84		31		37%		39		46%	
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Day	515	192	174	73	34%	38%	210	95	41%	49%
	Evening	126	63	30	19	24%	30%	41	22	33%	35%
	Online	162		34		21%		48		30%	
	Total	**803**	**255**	**238**	**92**	**30%**	**36%**	**299**	**117**	**37%**	**46%**
Fall 2019	Day	688	314	263	96	38%	31%				
	Evening	165	74	25	24	15%	32%				
	Online	140		29		21%					
	Total	**993**	**388**	**317**	**120**	**32%**	**31%**				
Grand Total		**2,226**	**729**	**754**	**259**	**34%**	**36%**	**530**	**169**	**43%**	**50%**

Cohort	Group	Cohort Headcount	Term Persistence Count	Term Persistence Rate	Annual Persitence Count	Annual Persistence Rate
Benchmark	Day	5,060	1,957	39%	2,442	48%
	Evening	1,573	508	32%	653	42%
	Online	1,046	336	32%	429	41%
Grand Total		**7,679**	**2,801**	**36%**	**3,524**	**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 of fall is considered "next term". For fall, the next term is spring. 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 177
MATH 96, 116 & 119 Term Persistent Enrollment Outcomes by Section Modality

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day	155	65	123	48	79%	74%	86	33	55%	51%
	Evening	31		22		71%		15		48%	
	Online	35		30		86%		22		63%	
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Day	208	101	171	86	82%	85%	137	60	66%	59%
	Evening	34	27	28	15	82%	56%	24	9	71%	33%
	Online	47		33		70%		25		53%	
	Total	**289**	**128**	**232**	**101**	**80%**	**79%**	**186**	**69**	**64%**	**54%**
Grand Total		**510**	**193**	**407**	**149**	**80%**	**77%**	**309**	**102**	**61%**	**53%**
Benchmark	Day	2,146		1,856		86%		1,433		67%	
	Evening	558		445		80%		348		62%	
	Online	386		322		83%		247		64%	
Grand Total		**3,090**		**2,623**		**85%**		**2,028**		**66%**	

Table 178
MATH 96, 116 & 119 Annual Persistent Enrollment Outcomes by Section Modality

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day	248	105	201	80	81%	76%	149	59	60%	56%
	Evening	49		36		73%		26		53%	
	Online	60		51		85%		36		60%	
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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 or fall is considered "next term". For all, the next term is spring. For term outcomes, 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. 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 179
MATH 96, 116 & 119 Course Repetition Rates by Section Modality

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Fall 2018	Day	90	28	32	3	36%	11%	36	3	40%	11%
	Evening	35		4		11%		6		17%	
	Online	64		21		33%		23		36%	
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	Day	185	93	56	24	30%	26%	71	29	38%	31%
	Evening	25	17	7	3	28%	18%	7	3	28%	18%
	Online	94		24		26%		35		37%	
	Total	**304**	**110**	**87**	**27**	**29%**	**25%**	**113**	**32**	**37%**	**29%**
Fall 2019	Day	275	138	60	25	22%	18%				
	Evening	64	31	6	8	9%	26%				
	Online	84		13		15%					
	Total	**423**	**169**	**79**	**33**	**19%**	**20%**				
Grand Total		**916**	**307**	**223**	**63**	**24%**	**21%**	**178**	**35**	**36%**	**25%**
Benchmark	Day	1,631		455		28%		677		42%	
	Evening	523		128		24%		195		37%	
	Online	631		163		26%		221		35%	
Grand Total		**2,785**		**746**		**27%**		**1,093**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 180
MATH 96, 116 & 119 Term Course Repetition Outcomes by Section Modality

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Day	32	3	19	3	59%	100%	10	2	31%	67%
	Evening	4		3		75%		1		25%	
	Online	21		17		81%		11		52%	
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	Day	56	24	48	21	86%	88%	33	12	59%	50%
	Evening	7	3	5	0	71%	0%	4	0	57%	0%
	Online	25		18		72%		12		48%	
	Total	**88**	**27**	**71**	**21**	**81%**	**78%**	**49**	**12**	**56%**	**44%**
Grand Total		**145**	**30**	**110**	**24**	**76%**	**80%**	**71**	**14**	**49%**	**47%**
Benchmark	Day	462		398		86%		247		53%	
	Evening	130		94		72%		64		49%	
	Online	165		138		84%		106		64%	
Grand Total		**757**		**630**		**83%**		**417**		**55%**	

Table 181
MATH 96, 116 & 119 Annual Course Repetition Outcomes by Section Modality

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Day	39	3	25	3	64%	100%	13	2	33%	67%
	Evening	7		5		71%		3		43%	
	Online	23		19		83%		12		52%	
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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 or fall is considered "next term". For all, the next term is spring. For term outcomes, 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. 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.

MATH 96/X, 116/X, & 119/X Aggregated Outcomes & Persistence by Student Type

Table 182
MATH 96, 116 & 119 Cohort Outcomes by Student Type

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	252	84	228	71	90%	85%	164	58	65%	69%
	Day/Evening	11	2	9	1	82%	50%	7	0	64%	0%
	Evening Only	76		62		82%		43		57%	
	On-Campus/Online	10		8		80%		8		80%	
	Online Only	81		52		64%		19		23%	
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	Day Only	496	189	432	157	87%	83%	316	98	64%	52%
	Day/Evening	19	9	18	8	95%	89%	14	6	74%	67%
	Evening Only	116	55	105	47	91%	85%	94	40	81%	73%
	On-Campus/Online	16	2	15	1	94%	50%	9	1	56%	50%
	Online Only	156		102		65%		66		42%	
	Total	**803**	**255**	**672**	**213**	**84%**	**84%**	**499**	**145**	**62%**	**57%**
Fall 2019	Day Only	640	288	552	253	86%	88%	387	157	60%	55%
	Day/Evening	31	20	28	17	90%	85%	23	14	74%	70%
	Evening Only	137	62	112	53	82%	85%	80	35	58%	56%
	On-Campus/Online	26	6	19	6	73%	100%	14	5	54%	83%
	Online Only	131		85		65%		52		40%	
	Unknown	28	12	24	11	86%	92%	14	8	50%	67%
	Total	**993**	**388**	**820**	**340**	**83%**	**88%**	**570**	**219**	**57%**	**56%**
Grand Total		**2,226**	**729**	**1,851**	**625**	**83%**	**86%**	**1,310**	**422**	**59%**	**58%**
Benchmark	Day Only	4,764		4,179		88%		3,213		67%	
	Day/Evening	361		317		88%		266		74%	
	Evening Only	1,452		1,226		84%		963		66%	
	On-Campus/Online	128		98		77%		65		51%	
	Online Only	974		619		64%		387		40%	
Grand Total		**7,679**		**6,439**		**84%**		**4,894**		**64%**	

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 183
MATH 96, 116 & 119 Persistence Rates by Student Type

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	252	84	133	45	53%	54%	152	50	60%	60%
	Day/Evening	11	2	8	2	73%	100%	8	2	73%	100%
	Evening Only	76		23		30%		28		37%	
	On-Campus/Online	10		6		60%		6		60%	
	Online Only	81		29		36%		37		46%	
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Day Only	496	189	166	73	33%	39%	202	95	41%	50%
	Day/Evening	19	9	9	4	47%	44%	10	5	53%	56%
	Evening Only	116	55	24	15	21%	27%	34	17	29%	31%
	On-Campus/Online	16	2	6		38%		8		50%	
	Online Only	156		33		21%		45		29%	
	Total	**803**	**255**	**238**	**92**	**30%**	**36%**	**299**	**117**	**37%**	**46%**
Fall 2019	Day Only	640	288	251	90	39%	31%				
	Day/Evening	31	20	6	7	19%	35%				
	Evening Only	137	62	22	21	16%	34%				
	On-Campus/Online	26	6	11	2	42%	33%				
	Online Only	131		27		21%					
	Unknown	28	12								
	Total	**993**	**388**	**317**	**120**	**32%**	**31%**				
Grand Total		**2,226**	**729**	**754**	**259**	**34%**	**36%**	**530**	**169**	**43%**	**50%**
Benchmark	Day Only	4,764		1,836		39%		2,297		48%	
	Day/Evening	361		158		44%		184		51%	
	Evening Only	1,452		450		31%		588		40%	
	On-Campus/Online	128		48		38%		60		47%	
	Online Only	974		309		32%		395		41%	
Grand Total		**7,679**		**2,801**		**36%**		**3,524**		**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 of fall is considered "next term". For fall, the next term is spring. 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 184
MATH 96, 116 & 119 Term Persistent Enrollment Outcomes by Student Type

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Day Only	149	62	117	46	79%	74%	81	31	54%	50%
	Day/Evening	8	3	7	2	88%	67%	3	2	38%	67%
	Evening Only	25		17		68%		13		52%	
	On-Campus/Online	6		6		100%		4		67%	
	Online Only	33		28		85%		22		67%	
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Day Only	198	101	163	86	82%	85%	130	60	66%	59%
	Day/Evening	11	6	7	5	64%	83%	6	5	55%	83%
	Evening Only	27	21	23	10	85%	48%	20	4	74%	19%
	On-Campus/Online	7		7		100%		5		71%	
	Online Only	46		32		70%		25		54%	
	Total	**289**	**128**	**232**	**101**	**80%**	**79%**	**186**	**69**	**64%**	**54%**
Grand Total		**510**	**193**	**407**	**149**	**80%**	**77%**	**309**	**102**	**61%**	**53%**
Benchmark	Day Only	2,005		1,733		86%		1,338		67%	
	Day/Evening	179		162		91%		122		68%	
	Evening Only	491		384		78%		302		62%	
	On-Campus/Online	62		50		81%		39		63%	
	Online Only	353		294		83%		227		64%	
Grand Total		**3,090**		**2,623**		**85%**		**2,028**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 185

MATH 96, 116 & 119 Annual Persistent Enrollment Outcomes by Student Type

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	237	101	190	77	80%	76%	140	57	59%	56%
	Day/Evening	14	4	13	3	93%	75%	7	2	50%	50%
	Evening Only	39		27		69%		22		56%	
	On-Campus/Online	9		9		100%		6		67%	
	Online Only	58		49		84%		36		62%	
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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. 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 186

MATH 96, 116 & 119 Course Repetition Rates by Student Type

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	88	26	31	2	35%	8%	35	2	40%	8%
	Day/Evening	4	2	2	1	50%	50%	2	1	50%	50%
	Evening Only	33		3		9%		5		15%	
	On-Campus/Online	2		2		100%		2		100%	
	Online Only	62		19		31%		21		34%	
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	Day Only	180	91	54	24	30%	26%	69	29	38%	32%
	Day/Evening	5	3	2		40%		2		40%	
	Evening Only	22	15	5	3	23%	20%	5	3	23%	20%
	On-Campus/Online	7	1	3		43%		4		57%	
	Online Only	90		23		26%		33		37%	
	Total	**304**	**110**	**87**	**27**	**29%**	**25%**	**113**	**32**	**37%**	**29%**
Fall 2019	Day Only	253	131	56	25	22%	19%				
	Day/Evening	8	6	1		13%					
	Evening Only	57	27	6	8	11%	30%				
	On-Campus/Online	12	1	3		25%					
	Online Only	79		13		16%					
	Unknown	14	4								
	Total	**423**	**169**	**79**	**33**	**19%**	**20%**				
Grand Total		**916**	**307**	**223**	**63**	**24%**	**21%**	**178**	**35**	**36%**	**25%**
Benchmark	Day Only	1,551		431		28%		645		42%	
	Day/Evening	95		32		34%		43		45%	
	Evening Only	489		118		24%		181		37%	
	On-Campus/Online	63		13		21%		16		25%	
	Online Only	587		152		26%		208		35%	
Grand Total		**2,785**		**746**		**27%**		**1,093**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 187

MATH 96, 116 & 119 Term Course Repetition Outcomes by Student Type

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	31	2	18	2	58%	100%	9	1	29%	50%
	Day/Evening	2	1	2	1	100%	100%	1	1	50%	100%
	Evening Only	3		2		67%		1		33%	
	On-Campus/Online	2		2		100%		0		0%	
	Online Only	19		15		79%		11		58%	
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	Day Only	54	24	46	21	85%	88%	32	12	59%	50%
	Day/Evening	2		1		50%		1		50%	
	Evening Only	5	3	4	0	80%	0%	3	0	60%	0%
	On-Campus/Online	3		3		100%		1		33%	
	Online Only	24		17		71%		12		50%	
	Total	**88**	**27**	**71**	**21**	**81%**	**78%**	**49**	**12**	**56%**	**44%**
Grand Total		**145**	**30**	**110**	**24**	**76%**	**80%**	**71**	**14**	**49%**	**47%**
Benchmark	Day Only	438		377		86%		232		53%	
	Day/Evening	32		29		91%		20		63%	
	Evening Only	120		84		70%		57		48%	
	On-Campus/Online	13		11		85%		8		62%	
	Online Only	154		129		84%		100		65%	
Grand Total		**757**		**630**		**83%**		**417**		**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 96, 116, or 119 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 188
MATH 96, 116 & 119 Annual Course Repetition Outcomes by Student Type

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	38	2	24	2	63%	100%	12	1	32%	50%
	Day/Evening	2	1	2	1	100%	100%	1	1	50%	100%
	Evening Only	6		4		67%		3		50%	
	On-Campus/Online	2		2		100%		0		0%	
	Online Only	21		17		81%		12		57%	
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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. 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.

MATH 96 & 96 X Outcomes & Persistence by Gender

Table 189

MATH 96 Cohort Outcomes by Gender

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	Female	195	44	164	37	84%	84%	113	32	58%	73%
	Male	235	42	195	35	83%	83%	128	26	54%	62%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	Female	133	47	106	41	80%	87%	73	28	55%	60%
	Male	131	67	109	56	83%	84%	72	37	55%	55%
	Total	**264**	**114**	**215**	**97**	**81%**	**85%**	**145**	**65**	**55%**	**57%**
Fall 2019	Female	137	56	115	47	84%	84%	61	33	45%	59%
	Male	201	81	165	71	82%	88%	96	45	48%	56%
	Unknown	3	1	2	1	67%	100%	1	0	33%	0%
	Total	**341**	**138**	**282**	**119**	**83%**	**86%**	**158**	**78**	**46%**	**57%**
Grand Total		**1,035**	**338**	**856**	**288**	**83%**	**85%**	**544**	**201**	**53%**	**59%**
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 190
MATH 96 Persistence Rates by Gender

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Female	195	44	83	25	43%	57%	101	26	52%	59%
	Male	235	42	116	22	49%	52%	130	26	55%	62%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Female	133	47	45	19	34%	40%	52	25	39%	53%
	Male	131	67	48	29	37%	43%	61	35	47%	52%
	Total	**264**	**114**	**93**	**48**	**35%**	**42%**	**113**	**60**	**43%**	**53%**
Fall 2019	Female	137	56	43	22	31%	39%				
	Male	201	81	72	36	36%	44%				
	Unknown	3	1	2	1	67%	100%				
	Total	**341**	**138**	**117**	**59**	**34%**	**43%**				
Grand Total		**1,035**	**338**	**409**	**154**	**40%**	**46%**	**344**	**112**	**50%**	**56%**
Benchmark	Female	1,581		610		39%		774		49%	
	Male	1,599		668		42%		856		54%	
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 191
MATH 96 Term Persistent Enrollment Outcomes by Gender

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Female	91	36	71	27	78%	75%	55	18	60%	50%
	Male	130	29	104	21	80%	72%	68	15	52%	52%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Female	56	30	43	24	77%	80%	35	13	63%	43%
	Male	60	37	47	27	78%	73%	37	17	62%	46%
	Total	**116**	**67**	**90**	**51**	**78%**	**76%**	**72**	**30**	**62%**	**45%**
Grand Total		**337**	**132**	**265**	**99**	**79%**	**75%**	**195**	**63**	**58%**	**48%**
Benchmark	Female	657		553		84%		412		63%	
	Male	741		607		82%		437		59%	
Grand Total		**1,398**		**1,160**		**83%**		**849**		**61%**	

Table 192
MATH 96 Annual Persistent Enrollment Outcomes by Gender

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Female	150	54	121	42	81%	78%	95	31	63%	57%
	Male	207	51	167	38	81%	75%	116	28	56%	55%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
Benchmark	Female	1,081		902		83%		674		62%	
	Male	1,313		1,066		81%		764		58%	
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 193
MATH 96 Course Repetition Rates by Gender

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Fall 2018	Female	82	12	24	1	29%	8%	29	1	35%	8%
	Male	107	16	33	2	31%	13%	36	2	34%	13%
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	Female	60	19	17	4	28%	21%	22	5	37%	26%
	Male	59	30	13	4	22%	13%	20	5	34%	17%
	Total	**119**	**49**	**30**	**8**	**25%**	**16%**	**42**	**10**	**35%**	**20%**
Fall 2019	Female	76	23	16	4	21%	17%				
	Male	105	36	18	5	17%	14%				
	Unknown	2	1	1	1	50%	100%				
	Total	**183**	**60**	**35**	**10**	**19%**	**17%**				
Grand Total		**491**	**137**	**122**	**21**	**25%**	**15%**	**107**	**13**	**35%**	**17%**
Benchmark	Female	652		186		29%		270		41%	
	Male	714		192		27%		297		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 194
MATH 96 Term Course Repetition Outcomes by Gender

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Female	24	1	16	1	67%	100%	9	0	38%	0%
	Male	33	2	23	2	70%	100%	13	2	39%	100%
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	Female	17	4	11	3	65%	75%	6	0	35%	0%
	Male	13	4	12	3	92%	75%	7	0	54%	0%
	Total	**30**	**8**	**23**	**6**	**77%**	**75%**	**13**	**0**	**43%**	**0%**
Grand Total		**87**	**11**	**62**	**9**	**71%**	**82%**	**35**	**2**	**40%**	**18%**
Benchmark	Female	189		162		86%		98		52%	
	Male	196		159		81%		98		50%	
Grand Total		**385**		**321**		**83%**		**196**		**51%**	

Table 195
MATH 96 Annual Course Repetition Outcomes by Gender

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Female	30	1	21	1	70%	100%	12	0	40%	0%
	Male	39	2	28	2	72%	100%	16	2	41%	100%
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**67%**
Benchmark	Female	293		248		85%		157		54%	
	Male	323		266		82%		165		51%	
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 & 96 X Outcomes & Persistence by Ethnicity

Table 196
MATH 96 Cohort Outcomes by Ethnicity

Cohort	Group	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Fall 2018	African American	27	7	20	5	74%	71%	8	2	30%	29%
	American Indian	1		1		100%		1		100%	
	Asian/Pacific Islander	43	10	41	10	95%	100%	30	9	70%	90%
	Filipino/a	39	7	32	7	82%	100%	20	7	51%	100%
	Latinx	140	29	107	21	76%	72%	75	14	54%	48%
	White	142	26	127	22	89%	85%	88	20	62%	77%
	Other	30	6	24	6	80%	100%	13	5	43%	83%
	Unknown	8	1	7	1	88%	100%	6	1	75%	100%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	African American	19	7	17	6	89%	86%	5	3	26%	43%
	Asian/Pacific Islander	32	10	28	9	88%	90%	21	8	66%	80%
	Filipino/a	24	14	21	12	88%	86%	16	9	67%	64%
	Latinx	75	38	51	32	68%	84%	29	18	39%	47%
	White	92	32	77	27	84%	84%	62	19	67%	59%
	Other	22	11	21	9	95%	82%	12	6	55%	55%
	Unknown		2		2		100%		2		100%
	Total	**264**	**114**	**215**	**97**	**81%**	**85%**	**145**	**65**	**55%**	**57%**
Fall 2019	African American	18	5	14	3	78%	60%	7	1	39%	20%
	American Indian	2		1		50%		0		0%	
	Asian/Pacific Islander	36	15	31	13	86%	87%	22	12	61%	80%
	Filipino/a	49	21	40	21	82%	100%	22	15	45%	71%
	Latinx	113	46	91	40	81%	87%	44	19	39%	41%
	White	93	37	80	29	86%	78%	54	22	58%	59%
	Other	23	12	18	11	78%	92%	7	8	30%	67%
	Unknown	7	2	7	2	100%	100%	2	1	29%	50%
	Total	**341**	**138**	**282**	**119**	**83%**	**86%**	**158**	**78**	**46%**	**57%**
Grand Total		**1,035**	**338**	**856**	**288**	**83%**	**85%**	**544**	**201**	**53%**	**59%**
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**		**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 197
MATH 96 Persistence Rates by Ethnicity

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	27	7	13	4	48%	57%	17	4	63%	57%
	American Indian	1									
	Asian/Pacific Islander	43	10	24	7	56%	70%	29	7	67%	70%
	Filipino/a	39	7	15	5	38%	71%	17	5	44%	71%
	Latinx	140	29	60	14	43%	48%	67	14	48%	48%
	White	142	26	66	14	46%	54%	79	18	56%	69%
	Other	30	6	15	2	50%	33%	16	3	53%	50%
	Unknown	8	1	6	1	75%	100%	6	1	75%	100%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	African American	19	7	13	2	68%	29%	13	3	68%	43%
	Asian/Pacific Islander	32	10	11	4	34%	40%	14	5	44%	50%
	Filipino/a	24	14	8	7	33%	50%	10	8	42%	57%
	Latinx	75	38	20	15	27%	39%	30	20	40%	53%
	White	92	32	31	14	34%	44%	36	17	39%	53%
	Other	22	11	10	6	45%	55%	10	6	45%	55%
	Unknown		2						1		50%
	Total	**264**	**114**	**93**	**48**	**35%**	**42%**	**113**	**60**	**43%**	**53%**
Fall 2019	African American	18	5	5	2	28%	40%				
	American Indian	2		1		50%					
	Asian/Pacific Islander	36	15	17	5	47%	33%				
	Filipino/a	49	21	18	13	37%	62%				
	Latinx	113	46	38	15	34%	33%				
	White	93	37	28	18	30%	49%				
	Other	23	12	7	5	30%	42%				
	Unknown	7	2	3	1	43%	50%				
	Total	**341**	**138**	**117**	**59**	**34%**	**43%**				
Grand Total		**1,035**	**338**	**409**	**154**	**40%**	**46%**	**344**	**112**	**50%**	**56%**
Benchmark	African American	166		65		39%		85		51%	
	American Indian	9						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**		**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 198
MATH 96 Term Persistent Enrollment Outcomes by Ethnicity

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	15	8	12	6	80%	75%	5	3	33%	38%
	Asian/Pacific Islander	25	10	25	9	100%	90%	20	7	80%	70%
	Filipino/a	17	6	12	5	71%	83%	8	3	47%	50%
	Latinx	63	19	46	12	73%	63%	33	8	52%	42%
	White	76	18	57	13	75%	72%	40	10	53%	56%
	Other	19	2	18	1	95%	50%	14	0	74%	0%
	Unknown	6	2	5	2	83%	100%	3	2	50%	100%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	African American	19	3	13	3	68%	100%	12	2	63%	67%
	Asian/Pacific Islander	13	5	12	3	92%	60%	11	2	85%	40%
	Filipino/a	10	10	10	8	100%	80%	7	7	70%	70%
	Latinx	22	21	15	18	68%	86%	10	6	45%	29%
	White	40	21	33	14	83%	67%	29	10	73%	48%
	Other	12	7	7	5	58%	71%	3	3	25%	43%
	Total	**116**	**67**	**90**	**51**	**78%**	**76%**	**72**	**30**	**62%**	**45%**
Grand Total		**337**	**132**	**265**	**99**	**79%**	**75%**	**195**	**63**	**58%**	**48%**
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**		**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 199
MATH 96 Annual Persistent Enrollment Outcomes by Ethnicity

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	26	10	19	7	73%	70%	10	3	38%	30%
	Asian/Pacific Islander	40	18	39	16	98%	89%	33	14	83%	78%
	Filipino/a	23	8	17	7	74%	88%	12	4	52%	50%
	Latinx	99	31	74	23	75%	74%	55	17	56%	55%
	White	133	31	105	23	79%	74%	76	18	57%	58%
	Other	28	5	27	2	96%	40%	21	1	75%	20%
	Unknown	8	2	7	2	88%	100%	4	2	50%	100%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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**		**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 200
MATH 96 Course Repetition Rates by Ethnicity

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	African American	19	5	8	2	42%	40%	12	2	63%	40%
	Asian/Pacific Islander	13	1	5		38%		6		46%	
	Filipino/a	19		6		32%		6		32%	
	Latinx	65	15	20	1	31%	7%	20	1	31%	7%
	White	54	6	13		24%		15		28%	
	Other	17	1	3		18%		4		24%	
	Unknown	2		2		100%		2		100%	
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	African American	14	4	7		50%		8		57%	
	Asian/Pacific Islander	11	2	2		18%		4		36%	
	Filipino/a	8	5	2	2	25%	40%	2	2	25%	40%
	Latinx	46	20	8	3	17%	15%	14	4	30%	20%
	White	30	13	7	1	23%	8%	10	2	33%	15%
	Other	10	5	4	2	40%	40%	4	2	40%	40%
	Total	**119**	**49**	**30**	**8**	**25%**	**16%**	**42**	**10**	**35%**	**20%**
Fall 2019	African American	11	4		1		25%				
	American Indian	2		1		50%					
	Asian/Pacific Islander	14	3	5		36%					
	Filipino/a	27	6	7	1	26%	17%				
	Latinx	69	27	12	4	17%	15%				
	White	39	15	7	3	18%	20%				
	Other	16	4	3	1	19%	25%				
	Unknown	5	1								
	Total	**183**	**60**	**35**	**10**	**19%**	**17%**				
Grand Total		**491**	**137**	**122**	**21**	**25%**	**15%**	**107**	**13**	**35%**	**17%**
Benchmark	African American	95		22		23%		38		40%	
	American Indian	5						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**		**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 201
MATH 96 Term Course Repetition Outcomes by Ethnicity

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	African American	8	2	6	2	75%	100%	2	1	25%	50%
	Asian/Pacific Islander	5		5		100%		4		80%	
	Filipino/a	6		5		83%		4		67%	
	Latinx	20	1	13	1	65%	100%	6	1	30%	100%
	White	13		5		38%		4		31%	
	Other	3		3		100%		1		33%	
	Unknown	2		2		100%		1		50%	
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	African American	7		4		57%		3		43%	
	Asian/Pacific Islander	2		1		50%		1		50%	
	Filipino/a	2	2	2	1	100%	50%	0	0	0%	0%
	Latinx	8	3	7	3	88%	100%	4	0	50%	0%
	White	7	1	6	0	86%	0%	4	0	57%	0%
	Other	4	2	3	2	75%	100%	1	0	25%	0%
	Total	**30**	**8**	**23**	**6**	**77%**	**75%**	**13**	**0**	**43%**	**0%**
Grand Total		**87**	**11**	**62**	**9**	**71%**	**82%**	**35**	**2**	**40%**	**18%**
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**		**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 202
MATH 96 Annual Course Repetition Outcomes by Ethnicity

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	African American	13	2	9	2	69%	100%	4	1	31%	50%
	Asian/Pacific Islander	6		6		100%		5		83%	
	Filipino/a	6		5		83%		4		67%	
	Latinx	22	1	15	1	68%	100%	7	1	32%	100%
	White	16		8		50%		5		31%	
	Other	4		4		100%		2		50%	
	Unknown	2		2		100%		1		50%	
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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**		**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 & 96 X Outcomes & Persistence by Age

Table 203
MATH 96 Cohort Outcomes by Age

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	18 - 24	293	65	249	56	85%	86%	162	44	55%	68%
	25 - 29	69	5	54	5	78%	100%	39	5	57%	100%
	30 - 39	47	12	37	8	79%	67%	26	6	55%	50%
	40 - 49	16	3	14	3	88%	100%	12	3	75%	100%
	50 and >	5	1	5	0	100%	0%	2	0	40%	0%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	17 and <	1		1		100%		1		100%	
	18 - 24	162	85	132	73	81%	86%	80	47	49%	55%
	25 - 29	45	14	33	11	73%	79%	24	8	53%	57%
	30 - 39	42	10	35	10	83%	100%	29	7	69%	70%
	40 - 49	12	4	12	2	100%	50%	9	2	75%	50%
	50 and >	2	1	2	1	100%	100%	2	1	100%	100%
	Total	**264**	**114**	**215**	**97**	**81%**	**85%**	**145**	**65**	**55%**	**57%**
Fall 2019	17 and <	27	11	25	11	93%	100%	14	6	52%	55%
	18 - 24	232	88	192	74	83%	84%	101	46	44%	52%
	25 - 29	46	22	35	17	76%	77%	21	12	46%	55%
	30 - 39	23	13	21	13	91%	100%	14	11	61%	85%
	40 - 49	11	3	8	3	73%	100%	7	2	64%	67%
	50 and >	2	1	1	1	50%	100%	1	1	50%	100%
	Total	**341**	**138**	**282**	**119**	**83%**	**86%**	**158**	**78**	**46%**	**57%**
Grand Total		**1,035**	**338**	**856**	**288**	**83%**	**85%**	**544**	**201**	**53%**	**59%**
Benchmark	17 and <	30		27		90%		15		50%	
	18 - 24	2,111		1,771		84%		1,191		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		**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 204
MATH 96 Persistence Rates by Age

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	18 - 24	293	65	147	34	50%	52%	170	38	58%	58%
	25 - 29	69	5	30	4	43%	80%	34	4	49%	80%
	30 - 39	47	12	18	5	38%	42%	20	6	43%	50%
	40 - 49	16	3	3	3	19%	100%	5	3	31%	100%
	50 and >	5	1	1	1	20%	100%	2	1	40%	100%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	17 and <	1									
	18 - 24	162	85	65	36	40%	42%	79	44	49%	52%
	25 - 29	45	14	13	5	29%	36%	17	7	38%	50%
	30 - 39	42	10	15	4	36%	40%	17	6	40%	60%
	40 - 49	12	4		3		75%		3		75%
	50 and >	2	1								
	Total	**264**	**114**	**93**	**48**	**35%**	**42%**	**113**	**60**	**43%**	**53%**
Fall 2019	17 and <	27	11	11	7	41%	64%				
	18 - 24	232	88	82	33	35%	38%				
	25 - 29	46	22	18	11	39%	50%				
	30 - 39	23	13	3	6	13%	46%				
	40 - 49	11	3	3	1	27%	33%				
	50 and >	2	1		1		100%				
	Total	**341**	**138**	**117**	**59**	**34%**	**43%**				
Grand Total		**1,035**	**338**	**409**	**154**	**40%**	**46%**	**344**	**112**	**50%**	**56%**
Benchmark	17 and <	30		21		70%		25		83%	
	18 - 24	2,111		912		43%		1,182		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		**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 205
MATH 96 Term Persistent Enrollment Outcomes by Age

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	18 - 24	161	46	126	35	78%	76%	81	26	50%	57%
	25 - 29	36	4	31	3	86%	75%	28	2	78%	50%
	30 - 39	20	7	14	6	70%	86%	11	2	55%	29%
	40 - 49	3	5	3	3	100%	60%	2	2	67%	40%
	50 and >	1	3	1	1	100%	33%	1	1	100%	33%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	18 - 24	81	49	63	40	78%	82%	50	21	62%	43%
	25 - 29	14	8	10	5	71%	63%	6	3	43%	38%
	30 - 39	21	6	17	6	81%	100%	16	6	76%	100%
	40 - 49		4		0		0%		0		0%
	Total	**116**	**67**	**90**	**51**	**78%**	**76%**	**72**	**30**	**62%**	**45%**
Grand Total		**337**	**132**	**265**	**99**	**79%**	**75%**	**195**	**63**	**58%**	**48%**
Benchmark	17 and <	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		**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 206
MATH 96 Annual Persistent Enrollment Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	18 - 24	266	77	215	62	81%	81%	150	48	56%	62%
	25 - 29	52	5	44	4	85%	80%	37	3	71%	60%
	30 - 39	31	12	22	8	71%	67%	19	4	61%	33%
	40 - 49	6	8	5	5	83%	63%	3	3	50%	38%
	50 and >	2	3	2	1	100%	33%	2	1	100%	33%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
Benchmark	17 and <	34		33		97%		22		65%	
	18 - 24	1,705		1,395		82%		1,011		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		**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 207
MATH 96 Course Repetition Rates by Age

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Fall 2018	18 - 24	131	21	44	2	34%	10%	51	2	39%	10%
	25 - 29	30		5		17%		6		20%	
	30 - 39	21	6	7	1	33%	17%	7	1	33%	17%
	40 - 49	4		1		25%		1		25%	
	50 and >	3	1								
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	18 - 24	82	38	22	5	27%	13%	33	7	40%	18%
	25 - 29	21	6	4	2	19%	33%	5	2	24%	33%
	30 - 39	13	3	4		31%		4		31%	
	40 - 49	3	2		1		50%		1		50%
	Total	**119**	**49**	**30**	**8**	**25%**	**16%**	**42**	**10**	**35%**	**20%**
Fall 2019	17 and <	13	5	5	1	38%	20%				
	18 - 24	131	42	23	5	18%	12%				
	25 - 29	25	10	6	3	24%	30%				
	30 - 39	9	2		1		50%				
	40 - 49	4	1	1		25%					
	50 and >	1									
	Total	**183**	**60**	**35**	**10**	**19%**	**17%**				
Grand Total		**491**	**137**	**122**	**21**	**25%**	**15%**	**107**	**13**	**35%**	**17%**
Benchmark	17 and <	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		**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 208
MATH 96 Term Course Repetition Outcomes by Age

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Fall 2018	18 - 24	44	2	29	2	66%	100%	17	2	39%	100%
	25 - 29	5		4		80%		2		40%	
	30 - 39	7	1	5	1	71%	100%	3	0	43%	0%
	40 - 49	1		1		100%		0		0%	
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	18 - 24	22	5	17	5	77%	100%	9	0	41%	0%
	25 - 29	4	2	2	1	50%	50%	1	0	25%	0%
	30 - 39	4		4		100%		3		75%	
	40 - 49		1		0		0%		0		0%
	Total	**30**	**8**	**23**	**6**	**77%**	**75%**	**13**	**0**	**43%**	**0%**
Grand Total		**87**	**11**	**62**	**9**	**71%**	**82%**	**35**	**2**	**40%**	**18%**
Benchmark	17 and <	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**		**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 209
MATH 96 Annual Course Repetition Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	18 - 24	54	2	37	2	69%	100%	21	2	39%	100%
	25 - 29	6		5		83%		3		50%	
	30 - 39	8	1	6	1	75%	100%	4	0	50%	0%
	40 - 49	1		1		100%		0		0%	
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**67%**
Benchmark	17 and <	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**		**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 & 96 X Outcomes & Persistence by Academic Standing

Table 210
MATH 96 Cohort Outcomes by Academic Standing

Cohort	Group	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Fall 2018	Good Standing	339	69	292	60	86%	87%	223	53	66%	77%
	Probation	64	15	46	10	72%	67%	15	5	23%	33%
	Disqualified	27	2	21	2	78%	100%	3	0	11%	0%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	Good Standing	201	83	169	78	84%	94%	132	63	66%	76%
	Probation	47	21	36	11	77%	52%	12	2	26%	10%
	Disqualified	16	10	10	8	63%	80%	1	0	6%	0%
	Total	**264**	**114**	**215**	**97**	**81%**	**85%**	**145**	**65**	**55%**	**57%**
Fall 2019	Good Standing	239	110	209	102	87%	93%	146	74	61%	67%
	Probation	77	24	54	16	70%	67%	11	4	14%	17%
	Disqualified	24	4	19	1	79%	25%	1	0	4%	0%
	Unknown	1		0		0%		0		0%	
	Total	**341**	**138**	**282**	**119**	**83%**	**86%**	**158**	**78**	**46%**	**57%**
Grand Total		**1,035**	**338**	**856**	**288**	**83%**	**85%**	**544**	**201**	**53%**	**59%**

Benchmark	Group	Enrollment	Cohort Retention Count	Cohort Retention Rate	Cohort Success Count	Cohort Success Rate
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 at Miramar College in fall and spring terms from 2014/15 - 2016/17.

Table 211
MATH 96 Persistence Rates by Academic Standing

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	Good Standing	339	69	174	41	51%	59%	201	45	59%	65%
	Probation	64	15	22	6	34%	40%	25	6	39%	40%
	Disqualified	27	2	3		11%		5	1	19%	50%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Good Standing	201	83	79	41	39%	49%	93	50	46%	60%
	Probation	47	21	10	6	21%	29%	14	8	30%	38%
	Disqualified	16	10	4	1	25%	10%	6	2	38%	20%
	Total	**264**	**114**	**93**	**48**	**35%**	**42%**	**113**	**60**	**43%**	**53%**
Fall 2019	Good Standing	239	110	91	47	38%	43%				
	Probation	77	24	21	12	27%	50%				
	Disqualified	24	4	5		21%					
	Unknown	1									
	Total	**341**	**138**	**117**	**59**	**34%**	**43%**				
Grand Total		**1,035**	**338**	**409**	**154**	**40%**	**46%**	**344**	**112**	**50%**	**56%**

Cohort	Group	Cohort Headcount	Term Persistence Count	Term Persistence Rate	Annual Persistence Count	Annual Persistence Rate
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 212
MATH 96 Term Persistent Enrollment Outcomes by Academic Standing

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Good Standing	193	58	156	44	81%	76%	115	31	60%	53%
	Probation	25	7	19	4	76%	57%	8	2	32%	29%
	Disqualified	3		0		0%		0		0%	
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Good Standing	100	60	78	47	78%	78%	66	29	66%	48%
	Probation	12	6	10	3	83%	50%	5	1	42%	17%
	Disqualified	4	1	2	1	50%	100%	1	0	25%	0%
	Total	**116**	**67**	**90**	**51**	**78%**	**76%**	**72**	**30**	**62%**	**45%**
Grand Total		**337**	**132**	**265**	**99**	**79%**	**75%**	**195**	**63**	**58%**	**48%**
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 213
MATH 96 Annual Persistent Enrollment Outcomes by Academic Standing

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Good Standing	314	94	257	72	82%	77%	193	56	61%	60%
	Probation	37	9	29	6	78%	67%	16	3	43%	33%
	Disqualified	6	2	2	2	33%	100%	2	0	33%	0%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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 214

MATH 96 Course Repetition Rates by Academic Standing

Cohort	Group	Headcount of Failed Not X	Headcount of Failed X	Term Repetition Count Not X	Term Repetition Count X	Term Repetition Rate Not X	Term Repetition Rate X	Annual Repetition Count Not X	Annual Repetition Count X	Annual Repetition Rate Not X	Annual Repetition Rate X
Fall 2018	Good Standing	116	16	42	2	36%	13%	46	2	40%	13%
	Probation	49	10	13	1	27%	10%	17	1	35%	10%
	Disqualified	24	2	2		8%		2		8%	
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	Good Standing	69	20	23	5	33%	25%	30	6	43%	30%
	Probation	35	19	5	2	14%	11%	8	3	23%	16%
	Disqualified	15	10	2	1	13%	10%	4	1	27%	10%
	Total	**119**	**49**	**30**	**8**	**25%**	**16%**	**42**	**10**	**35%**	**20%**
Fall 2019	Good Standing	93	36	20	6	22%	17%				
	Probation	66	20	13	4	20%	20%				
	Disqualified	23	4	2		9%					
	Unknown	1									
	Total	**183**	**60**	**35**	**10**	**19%**	**17%**				
Grand Total		**491**	**137**	**122**	**21**	**25%**	**15%**	**107**	**13**	**35%**	**17%**

Cohort	Group	Headcount of Failed	Term Repetition Count	Term Repetition Rate	Annual Repetition Count	Annual Repetition Rate
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 215
MATH 96 Term Course Repetition Outcomes by Academic Standing

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Good Standing	42	2	30	2	71%	100%	20	2	48%	100%
	Probation	13	1	9	1	69%	100%	2	0	15%	0%
	Disqualified	2		0		0%		0		0%	
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	Good Standing	23	5	17	3	74%	60%	10	0	43%	0%
	Probation	5	2	4	2	80%	100%	2	0	40%	0%
	Disqualified	2	1	2	1	100%	100%	1	0	50%	0%
	Total	**30**	**8**	**23**	**6**	**77%**	**75%**	**13**	**0**	**43%**	**0%**
Grand Total		**87**	**11**	**62**	**9**	**71%**	**82%**	**35**	**2**	**40%**	**18%**
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 216
MATH 96 Annual Course Repetition Outcomes by Academic Standing

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Good Standing	50	2	36	2	72%	100%	22	2	44%	100%
	Probation	17	1	13	1	76%	100%	6	0	35%	0%
	Disqualified	2		0		0%		0		0%	
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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 & 96 X Outcomes & Persistence by DSPS Status

Table 217
MATH 96 Cohort Outcomes by DSPS Status

Cohort	Group	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Fall 2018	DSPS	29	16	25	12	86%	75%	15	10	52%	63%
	Not DSPS	401	70	334	60	83%	86%	226	48	56%	69%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	DSPS	11	15	9	10	82%	67%	6	6	55%	40%
	Not DSPS	253	99	206	87	81%	88%	139	59	55%	60%
	Total	**264**	**114**	**215**	**97**	**81%**	**85%**	**145**	**65**	**55%**	**57%**
Fall 2019	DSPS	9	18	9	14	100%	78%	4	6	44%	33%
	Unknown	332	120	273	105	82%	88%	154	72	46%	60%
	Total	**341**	**138**	**282**	**119**	**83%**	**86%**	**158**	**78**	**46%**	**57%**
Grand Total		**1,035**	**338**	**856**	**288**	**83%**	**85%**	**544**	**201**	**53%**	**59%**
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 218
MATH 96 Persistence Rates by DSPS Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	DSPS	29	16	17	7	59%	44%	19	8	66%	50%
	Not DSPS	401	70	182	40	45%	57%	212	44	53%	63%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	DSPS	11	15	8	7	73%	47%	8	9	73%	60%
	Not DSPS	253	99	85	41	34%	41%	105	51	42%	52%
	Total	**264**	**114**	**93**	**48**	**35%**	**42%**	**113**	**60**	**43%**	**53%**
Fall 2019	DSPS	9	18	3	4	33%	22%				
	Unknown	332	120	114	55	34%	46%				
	Total	**341**	**138**	**117**	**59**	**34%**	**43%**				
Grand Total		**1,035**	**338**	**409**	**154**	**40%**	**46%**	**344**	**112**	**50%**	**56%**
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%**	

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 219
MATH 96 Term Persistent Enrollment Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	DSPS	19	11	13	7	68%	64%	7	6	37%	55%
	Not DSPS	202	54	162	41	80%	76%	116	27	57%	50%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	DSPS	9	11	8	8	89%	73%	7	5	78%	45%
	Not DSPS	107	56	82	43	77%	77%	65	25	61%	45%
	Total	**116**	**67**	**90**	**51**	**78%**	**76%**	**72**	**30**	**62%**	**45%**
Grand Total		**337**	**132**	**265**	**99**	**79%**	**75%**	**195**	**63**	**58%**	**48%**
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 220
MATH 96 Annual Persistent Enrollment Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	DSPS	31	18	23	14	74%	78%	14	12	45%	67%
	Not DSPS	326	87	265	66	81%	76%	197	47	60%	54%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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%**	

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 221
MATH 96 Course Repetition Rates by DSPS Status

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Fall 2018	DSPS	14	6	6		43%		6		43%	
	Not DSPS	175	22	51	3	29%	14%	59	3	34%	14%
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	DSPS	5	9	3	1	60%	11%	4	2	80%	22%
	Not DSPS	114	40	27	7	24%	18%	38	8	33%	20%
	Total	**119**	**49**	**30**	**8**	**25%**	**16%**	**42**	**10**	**35%**	**20%**
Fall 2019	DSPS	5	12	3		60%					
	Unknown	178	48	32	10	18%	21%				
	Total	**183**	**60**	**35**	**10**	**19%**	**17%**				
Grand Total		**491**	**137**	**122**	**21**	**25%**	**15%**	**107**	**13**	**35%**	**17%**
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 222
MATH 96 Term Course Repetition Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	DSPS	6		2		33%		1		17%	
	Not DSPS	51	3	37	3	73%	100%	21	2	41%	67%
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	DSPS	3	1	3	1	100%	100%	3	0	100%	0%
	Not DSPS	27	7	20	5	74%	71%	10	0	37%	0%
	Total	**30**	**8**	**23**	**6**	**77%**	**75%**	**13**	**0**	**43%**	**0%**
Grand Total		**87**	**11**	**62**	**9**	**71%**	**82%**	**35**	**2**	**40%**	**18%**
Benchmark	DSPS	19		15		79%		11		58%	
	Not DSPS	366		306		84%		185		51%	
Grand Total		**385**		**321**		**83%**		**196**		**51%**	

Table 223
MATH 96 Annual Course Repetition Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	DSPS	8		4		50%		2		25%	
	Not DSPS	61	3	45	3	74%	100%	26	2	43%	67%
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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 & 96 X Outcomes & Persistence by First Generation Status

Table 224
MATH 96 Cohort Outcomes by First Generation Status

Cohort	Group	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Fall 2018	First Gen.	94	25	71	21	76%	84%	51	18	54%	72%
	Not First Gen.	336	61	288	51	86%	84%	190	40	57%	66%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	First Gen.	56	28	46	24	82%	86%	33	16	59%	57%
	Not First Gen.	208	86	169	73	81%	85%	112	49	54%	57%
	Total	**264**	**114**	**215**	**97**	**81%**	**85%**	**145**	**65**	**55%**	**57%**
Fall 2019	First Gen.	30	13	24	10	80%	77%	12	5	40%	38%
	Not First Gen.	54	20	46	17	85%	85%	23	11	43%	55%
	Unknown	257	105	212	92	82%	88%	123	62	48%	59%
	Total	**341**	**138**	**282**	**119**	**83%**	**86%**	**158**	**78**	**46%**	**57%**
Grand Total		**1,035**	**338**	**856**	**288**	**83%**	**85%**	**544**	**201**	**53%**	**59%**
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 225
MATH 96 Persistence Rates by First Generation Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	First Gen.	94	25	40	17	43%	68%	47	17	50%	68%
	Not First Gen.	336	61	159	30	47%	49%	184	35	55%	57%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	First Gen.	56	28	17	13	30%	46%	21	15	38%	54%
	Not First Gen.	208	86	76	35	37%	41%	92	45	44%	52%
	Total	**264**	**114**	**93**	**48**	**35%**	**42%**	**113**	**60**	**43%**	**53%**
Fall 2019	First Gen.	30	13	12	4	40%	31%				
	Not First Gen.	54	20	22	13	41%	65%				
	Unknown	257	105	83	42	32%	40%				
	Total	**341**	**138**	**117**	**59**	**34%**	**43%**				
Grand Total		**1,035**	**338**	**409**	**154**	**40%**	**46%**	**344**	**112**	**50%**	**56%**
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 226
MATH 96 Term Persistent Enrollment Outcomes by First Generation Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	First Gen.	44	21	34	16	77%	76%	28	11	64%	52%
	Not First Gen.	177	44	141	32	80%	73%	95	22	54%	50%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	First Gen.	23	17	17	14	74%	82%	14	9	61%	53%
	Not First Gen.	93	50	73	37	78%	74%	58	21	62%	42%
	Total	**116**	**67**	**90**	**51**	**78%**	**76%**	**72**	**30**	**62%**	**45%**
Grand Total		**337**	**132**	**265**	**99**	**79%**	**75%**	**195**	**63**	**58%**	**48%**
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 227
MATH 96 Annual Persistent Enrollment Outcomes by First Generation Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	First Gen.	72	33	55	27	76%	82%	47	20	65%	61%
	Not First Gen.	285	72	233	53	82%	74%	164	39	58%	54%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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 228
MATH 96 Course Repetition Rates by First Generation Status

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	First Gen.	43	7	13		30%		13		30%	
	Not First Gen.	146	21	44	3	30%	14%	52	3	36%	14%
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	First Gen.	23	12	7	2	30%	17%	9	2	39%	17%
	Not First Gen.	96	37	23	6	24%	16%	33	8	34%	22%
	Total	**119**	**49**	**30**	**8**	**25%**	**16%**	**42**	**10**	**35%**	**20%**
Fall 2019	First Gen.	18	8	6	2	33%	25%				
	Not First Gen.	31	9	8		26%					
	Unknown	134	43	21	8	16%	19%				
	Total	**183**	**60**	**35**	**10**	**19%**	**17%**				
Grand Total		**491**	**137**	**122**	**21**	**25%**	**15%**	**107**	**13**	**35%**	**17%**
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 229
MATH 96 Term Course Repetition Outcomes by First Generation Status

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Fall 2018	First Gen.	13		9		69%		6		46%	
	Not First Gen.	44	3	30	3	68%	100%	16	2	36%	67%
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	First Gen.	7	2	5	2	71%	100%	2	0	29%	0%
	Not First Gen.	23	6	18	4	78%	67%	11	0	48%	0%
	Total	**30**	**8**	**23**	**6**	**77%**	**75%**	**13**	**0**	**43%**	**0%**
Grand Total		**87**	**11**	**62**	**9**	**71%**	**82%**	**35**	**2**	**40%**	**18%**
Benchmark	First Gen.	105		87		83%		52		50%	
	Not First Gen.	280		234		84%		144		51%	
Grand Total		**385**		**321**		**83%**		**196**		**51%**	

Table 230
MATH 96 Annual Course Repetition Outcomes by First Generation Status

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Fall 2018	First Gen.	14		9		64%		6		43%	
	Not First Gen.	55	3	40	3	73%	100%	22	2	40%	67%
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**67%**
Benchmark	First Gen.	156		128		82%		76		49%	
	Not First Gen.	460		386		84%		246		53%	
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 & 96 X Outcomes & Persistence by Foster Youth Status

Table 231
MATH 96 Cohort Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	11	1	10	1	91%	100%	6	1	55%	100%
	Not Foster Youth	419	85	349	71	83%	84%	235	57	56%	67%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	Foster Youth	10	3	7	3	70%	100%	6	3	60%	100%
	Not Foster Youth	254	111	208	94	82%	85%	139	62	55%	56%
	Total	**264**	**114**	**215**	**97**	**81%**	**85%**	**145**	**65**	**55%**	**57%**
Fall 2019	Foster Youth		2		1		50%		0		0%
	Not Foster Youth	341	136	282	118	83%	87%	158	78	46%	57%
	Total	**341**	**138**	**282**	**119**	**83%**	**86%**	**158**	**78**	**46%**	**57%**
Grand Total		**1,035**	**338**	**856**	**288**	**83%**	**85%**	**544**	**201**	**53%**	**59%**
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 232
MATH 96 Persistence Rates by Foster Youth Status

Cohort	Group	Cohort Headcount Not X	X	Term Persistence Count Not X	X	Term Persistence Rate Not X	X	Annual Persitence Count Not X	X	Annual Persistence Rate Not X	X
Fall 2018	Foster Youth	11	1	3	1	27%	100%	5	1	45%	100%
	Not Foster Youth	419	85	196	46	47%	54%	226	51	54%	60%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Foster Youth	10	3	5	2	50%	67%	5	2	50%	67%
	Not Foster Youth	254	111	88	46	35%	41%	108	58	43%	52%
	Total	**264**	**114**	**93**	**48**	**35%**	**42%**	**113**	**60**	**43%**	**53%**
Fall 2019	Foster Youth		2		1		50%				
	Not Foster Youth	341	136	117	58	34%	43%				
	Total	**341**	**138**	**117**	**59**	**34%**	**43%**				
Grand Total		**1,035**	**338**	**409**	**154**	**40%**	**46%**	**344**	**112**	**50%**	**56%**
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 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 233
MATH 96 Term Persistent Enrollment Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	3	1	2	1	67%	100%	1	1	33%	100%
	Not Foster Youth	218	64	173	47	79%	73%	122	32	56%	50%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Foster Youth	7	3	4	3	57%	100%	3	3	43%	100%
	Not Foster Youth	109	64	86	48	79%	75%	69	27	63%	42%
	Total	**116**	**67**	**90**	**51**	**78%**	**76%**	**72**	**30**	**62%**	**45%**
Grand Total		**337**	**132**	**265**	**99**	**79%**	**75%**	**195**	**63**	**58%**	**48%**
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 234
MATH 96 Annual Persistent Enrollment Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	8	1	6	1	75%	100%	5	1	63%	100%
	Not Foster Youth	349	104	282	79	81%	76%	206	58	59%	56%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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%**	

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 235
MATH 96 Course Repetition Rates by Foster Youth Status

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Foster Youth	5		1		20%		1		20%	
	Not Foster Youth	184	28	56	3	30%	11%	64	3	35%	11%
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	Foster Youth	4		2		50%		2		50%	
	Not Foster Youth	115	49	28	8	24%	16%	40	10	35%	20%
	Total	**119**	**49**	**30**	**8**	**25%**	**16%**	**42**	**10**	**35%**	**20%**
Fall 2019	Foster Youth		2		1		50%				
	Not Foster Youth	183	58	35	9	19%	16%				
	Total	**183**	**60**	**35**	**10**	**19%**	**17%**				
Grand Total		**491**	**137**	**122**	**21**	**25%**	**15%**	**107**	**13**	**35%**	**17%**
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 236
MATH 96 Term Course Repetition Outcomes by Foster Youth Status

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Fall 2018	Foster Youth	1		0		0%		0		0%	
	Not Foster Youth	56	3	39	3	70%	100%	22	2	39%	67%
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	Foster Youth	2		1		50%		0		0%	
	Not Foster Youth	28	8	22	6	79%	75%	13	0	46%	0%
	Total	**30**	**8**	**23**	**6**	**77%**	**75%**	**13**	**0**	**43%**	**0%**
Grand Total		**87**	**11**	**62**	**9**	**71%**	**82%**	**35**	**2**	**40%**	**18%**
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 237
MATH 96 Annual Course Repetition Outcomes by Foster Youth Status

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Fall 2018	Foster Youth	2		0		0%		0		0%	
	Not Foster Youth	67	3	49	3	73%	100%	28	2	42%	67%
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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 & 96 X Outcomes & Persistence by Military Status

Table 238
MATH 96 Cohort Outcomes by Military Status

Cohort	Group	Enrollment Not X	X	Cohort Retention Count Not X	X	Cohort Retention Rate Not X	X	Cohort Success Count Not X	X	Cohort Success Rate Not X	X
Fall 2018	Not Veteran/Active Duty	372	71	310	61	83%	86%	203	51	55%	72%
	Veteran/Active Duty	58	15	49	11	84%	73%	38	7	66%	47%
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	Not Veteran/Active Duty	225	98	183	83	81%	85%	122	53	54%	54%
	Veteran/Active Duty	39	16	32	14	82%	88%	23	12	59%	75%
	Total	**264**	**114**	**215**	**97**	**81%**	**85%**	**145**	**65**	**55%**	**57%**
Fall 2019	Not Veteran/Active Duty	293	120	240	102	82%	85%	134	66	46%	55%
	Veteran/Active Duty	48	18	42	17	88%	94%	24	12	50%	67%
	Total	**341**	**138**	**282**	**119**	**83%**	**86%**	**158**	**78**	**46%**	**57%**
Grand Total		**1,035**	**338**	**856**	**288**	**83%**	**85%**	**544**	**201**	**53%**	**59%**
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 239
MATH 96 Persistence Rates by Military Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	372	71	172	38	46%	54%	203	43	55%	61%
	Veteran/Active Duty	58	15	27	9	47%	60%	28	9	48%	60%
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Not Veteran/Active Duty	225	98	79	44	35%	45%	95	55	42%	56%
	Veteran/Active Duty	39	16	14	4	36%	25%	18	5	46%	31%
	Total	**264**	**114**	**93**	**48**	**35%**	**42%**	**113**	**60**	**43%**	**53%**
Fall 2019	Not Veteran/Active Duty	293	120	97	47	33%	39%				
	Veteran/Active Duty	48	18	20	12	42%	67%				
	Total	**341**	**138**	**117**	**59**	**34%**	**43%**				
Grand Total		**1,035**	**338**	**409**	**154**	**40%**	**46%**	**344**	**112**	**50%**	**56%**
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%**	

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 240
MATH 96 Term Persistent Enrollment Outcomes by Military Status

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Not Veteran/Active Duty	189	53	149	39	79%	74%	101	28	53%	53%
	Veteran/Active Duty	32	12	26	9	81%	75%	22	5	69%	42%
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Not Veteran/Active Duty	101	63	77	48	76%	76%	63	29	62%	46%
	Veteran/Active Duty	15	4	13	3	87%	75%	9	1	60%	25%
	Total	**116**	**67**	**90**	**51**	**78%**	**76%**	**72**	**30**	**62%**	**45%**
Grand Total		**337**	**132**	**265**	**99**	**79%**	**75%**	**195**	**63**	**58%**	**48%**
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 241
MATH 96 Annual Persistent Enrollment Outcomes by Military Status

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Not Veteran/Active Duty	307	87	246	65	80%	75%	176	49	57%	56%
	Veteran/Active Duty	50	18	42	15	84%	83%	35	10	70%	56%
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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 242

MATH 96 Course Repetition Rates by Military Status

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Fall 2018	Not Veteran/Active Duty	169	20	52	1	31%	5%	60	1	36%	5%
	Veteran/Active Duty	20	8	5	2	25%	25%	5	2	25%	25%
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	Not Veteran/Active Duty	103	45	28	8	27%	18%	38	10	37%	22%
	Veteran/Active Duty	16	4	2		13%		4		25%	
	Total	**119**	**49**	**30**	**8**	**25%**	**16%**	**42**	**10**	**35%**	**20%**
Fall 2019	Not Veteran/Active Duty	159	54	28	8	18%	15%				
	Veteran/Active Duty	24	6	7	2	29%	33%				
	Total	**183**	**60**	**35**	**10**	**19%**	**17%**				
Grand Total		**491**	**137**	**122**	**21**	**25%**	**15%**	**107**	**13**	**35%**	**17%**
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 243
MATH 96 Term Course Repetition Outcomes by Military Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	52	1	36	1	69%	100%	19	1	37%	100%
	Veteran/Active Duty	5	2	3	2	60%	100%	3	1	60%	50%
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	Not Veteran/Active Duty	28	8	21	6	75%	75%	12	0	43%	0%
	Veteran/Active Duty	2		2		100%		1		50%	
	Total	**30**	**8**	**23**	**6**	**77%**	**75%**	**13**	**0**	**43%**	**0%**
Grand Total		**87**	**11**	**62**	**9**	**71%**	**82%**	**35**	**2**	**40%**	**18%**
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 244
MATH 96 Annual Course Repetition Outcomes by Military Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Not Veteran/Active Duty	63	1	45	1	71%	100%	24	1	38%	100%
	Veteran/Active Duty	6	2	4	2	67%	100%	4	1	67%	50%
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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 & 96 X Outcomes & Persistence by Section Modality

Table 245
MATH 96 Cohort Outcomes by Section Modality

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day	262	86	237	72	90%	84%	172	58	66%	67%
	Evening	84		69		82%		49		58%	
	Online	84		53		63%		20		24%	
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	Day	142	81	120	70	85%	86%	76	42	54%	52%
	Evening	44	33	38	27	86%	82%	36	23	82%	70%
	Online	78		57		73%		33		42%	
	Total	**264**	**114**	**215**	**97**	**81%**	**85%**	**145**	**65**	**55%**	**57%**
Fall 2019	Day	246	109	209	95	85%	87%	121	57	49%	52%
	Evening	23	29	20	24	87%	83%	11	21	48%	72%
	Online	72		53		74%		26		36%	
	Total	**341**	**138**	**282**	**119**	**83%**	**86%**	**158**	**78**	**46%**	**57%**
Grand Total		**1,035**	**338**	**856**	**288**	**83%**	**85%**	**544**	**201**	**53%**	**59%**
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 246
MATH 96 Persistence Rates by Section Modality

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day	262	86	139	47	53%	55%	158	52	60%	60%
	Evening	84		29		35%		34		40%	
	Online	84		31		37%		39		46%	
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Day	142	81	63	34	44%	42%	72	45	51%	56%
	Evening	44	33	11	14	25%	42%	13	15	30%	45%
	Online	78		19		24%		28		36%	
	Total	**264**	**114**	**93**	**48**	**35%**	**42%**	**113**	**60**	**43%**	**53%**
Fall 2019	Day	246	109	98	45	40%	41%				
	Evening	23	29	6	14	26%	48%				
	Online	72		13		18%					
	Total	**341**	**138**	**117**	**59**	**34%**	**43%**				
Grand Total		**1,035**	**338**	**409**	**154**	**40%**	**46%**	**344**	**112**	**50%**	**56%**
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 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 247
MATH 96 Term Persistent Enrollment Outcomes by Section Modality

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Day	155	65	123	48	79%	74%	86	33	55%	51%
	Evening	31		22		71%		15		48%	
	Online	35		30		86%		22		63%	
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Day	75	48	58	39	77%	81%	48	24	64%	50%
	Evening	11	19	10	12	91%	63%	7	6	64%	32%
	Online	30		22		73%		17		57%	
	Total	**116**	**67**	**90**	**51**	**78%**	**76%**	**72**	**30**	**62%**	**45%**
Grand Total		**337**	**132**	**265**	**99**	**79%**	**75%**	**195**	**63**	**58%**	**48%**
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 248
MATH 96 Annual Persistent Enrollment Outcomes by Section Modality

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Day	248	105	201	80	81%	76%	149	59	60%	56%
	Evening	49		36		73%		26		53%	
	Online	60		51		85%		36		60%	
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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 249
MATH 96 Course Repetition Rates by Section Modality

Cohort	Group	Headcount of Failed Not X	Headcount of Failed X	Term Repetition Count Not X	Term Repetition Count X	Term Repetition Rate Not X	Term Repetition Rate X	Annual Repetition Count Not X	Annual Repetition Count X	Annual Repetition Rate Not X	Annual Repetition Rate X
Fall 2018	Day	90	28	32	3	36%	11%	36	3	40%	11%
	Evening	35		4		11%		6		17%	
	Online	64		21		33%		23		36%	
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	Day	66	39	20	7	30%	18%	25	9	38%	23%
	Evening	8	10	1	1	13%	10%	1	1	13%	10%
	Online	45		9		20%		16		36%	
	Total	**119**	**49**	**30**	**8**	**25%**	**16%**	**42**	**10**	**35%**	**20%**
Fall 2019	Day	125	52	28	9	22%	17%				
	Evening	12	8	2	1	17%	13%				
	Online	46		5		11%					
	Total	**183**	**60**	**35**	**10**	**19%**	**17%**				
Grand Total		**491**	**137**	**122**	**21**	**25%**	**15%**	**107**	**13**	**35%**	**17%**
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 250
MATH 96 Term Course Repetition Outcomes by Section Modality

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Day	32	3	19	3	59%	100%	10	2	31%	67%
	Evening	4		3		75%		1		25%	
	Online	21		17		81%		11		52%	
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	Day	20	7	15	6	75%	86%	9	0	45%	0%
	Evening	1	1	1	0	100%	0%	0	0	0%	0%
	Online	9		7		78%		4		44%	
	Total	**30**	**8**	**23**	**6**	**77%**	**75%**	**13**	**0**	**43%**	**0%**
Grand Total		**87**	**11**	**62**	**9**	**71%**	**82%**	**35**	**2**	**40%**	**18%**
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 251
MATH 96 Annual Course Repetition Outcomes by Section Modality

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Fall 2018	Day	39	3	25	3	64%	100%	13	2	33%	67%
	Evening	7		5		71%		3		43%	
	Online	23		19		83%		12		52%	
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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 & 96 X Outcomes & Persistence by Student Type

Table 252
MATH 96 Cohort Outcomes by Student Type

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	252	84	228	71	90%	85%	164	58	65%	69%
	Day/Evening	11	2	9	1	82%	50%	7	0	64%	0%
	Evening Only	76		62		82%		43		57%	
	On-Campus/Online	10		8		80%		8		80%	
	Online Only	81		52		64%		19		23%	
	Total	**430**	**86**	**359**	**72**	**83%**	**84%**	**241**	**58**	**56%**	**67%**
Spring 2019	Day Only	137	79	115	69	84%	87%	74	41	54%	52%
	Day/Evening	5	6	5	6	100%	100%	2	4	40%	67%
	Evening Only	40	27	34	21	85%	78%	33	19	83%	70%
	On-Campus/Online	7	2	7	1	100%	50%	3	1	43%	50%
	Online Only	75		54		72%		33		44%	
	Total	**264**	**114**	**215**	**97**	**81%**	**85%**	**145**	**65**	**55%**	**57%**
Fall 2019	Day Only	229	98	196	84	86%	86%	113	47	49%	48%
	Day/Evening	8	8	7	7	88%	88%	5	7	63%	88%
	Evening Only	20	25	17	21	85%	84%	9	18	45%	72%
	On-Campus/Online	10	2	7	2	70%	100%	6	2	60%	100%
	Online Only	68		50		74%		23		34%	
	Unknown	6	5	5	5	83%	100%	2	4	33%	80%
	Total	**341**	**138**	**282**	**119**	**83%**	**86%**	**158**	**78**	**46%**	**57%**
Grand Total		**1,035**	**338**	**856**	**288**	**83%**	**85%**	**544**	**201**	**53%**	**59%**
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.

Table253
MATH 96 Persistence Rates by Student Type

Cohort	Group	Cohort Headcount Not X	X	Term Persistence Count Not X	X	Term Persistence Rate Not X	X	Annual Persistence Count Not X	X	Annual Persistence Rate Not X	X
Fall 2018	Day Only	252	84	133	45	53%	54%	152	50	60%	60%
	Day/Evening	11	2	8	2	73%	100%	8	2	73%	100%
	Evening Only	76		23		30%		28		37%	
	On-Campus/Online	10		6		60%		6		60%	
	Online Only	81		29		36%		37		46%	
	Total	**430**	**86**	**199**	**47**	**46%**	**55%**	**231**	**52**	**54%**	**60%**
Spring 2019	Day Only	137	79	60	34	44%	43%	69	45	50%	57%
	Day/Evening	5	6	3	4	60%	67%	3	4	60%	67%
	Evening Only	40	27	8	10	20%	37%	10	11	25%	41%
	On-Campus/Online	7	2	4		57%		6		86%	
	Online Only	75		18		24%		25		33%	
	Total	**264**	**114**	**93**	**48**	**35%**	**42%**	**113**	**60**	**43%**	**53%**
Fall 2019	Day Only	229	98	92	41	40%	42%				
	Day/Evening	8	8	2	4	25%	50%				
	Evening Only	20	25	6	12	30%	48%				
	On-Campus/Online	10	2	6	2	60%	100%				
	Online Only	68		11		16%					
	Unknown	6	5								
	Total	**341**	**138**	**117**	**59**	**34%**	**43%**				
Grand Total		**1,035**	**338**	**409**	**154**	**40%**	**46%**	**344**	**112**	**50%**	**56%**
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 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 254
MATH 96 Term Persistent Enrollment Outcomes by Student Type

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	149	62	117	46	79%	74%	81	31	54%	50%
	Day/Evening	8	3	7	2	88%	67%	3	2	38%	67%
	Evening Only	25		17		68%		13		52%	
	On-Campus/Online	6		6		100%		4		67%	
	Online Only	33		28		85%		22		67%	
	Total	**221**	**65**	**175**	**48**	**79%**	**74%**	**123**	**33**	**56%**	**51%**
Spring 2019	Day Only	70	48	53	39	76%	81%	44	24	63%	50%
	Day/Evening	4	6	4	5	100%	83%	3	5	75%	83%
	Evening Only	8	13	7	7	88%	54%	5	1	63%	8%
	On-Campus/Online	5		5		100%		3		60%	
	Online Only	29		21		72%		17		59%	
	Total	**116**	**67**	**90**	**51**	**78%**	**76%**	**72**	**30**	**62%**	**45%**
Grand Total		**337**	**132**	**265**	**99**	**79%**	**75%**	**195**	**63**	**58%**	**48%**
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.

Table255
MATH 96 Annual Persistent Enrollment Outcomes by Student Type

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	237	101	190	77	80%	76%	140	57	59%	56%
	Day/Evening	14	4	13	3	93%	75%	7	2	50%	50%
	Evening Only	39		27		69%		22		56%	
	On-Campus/Online	9		9		100%		6		67%	
	Online Only	58		49		84%		36		62%	
Grand Total		**357**	**105**	**288**	**80**	**81%**	**76%**	**211**	**59**	**59%**	**56%**
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 256
MATH 96 Course Repetition Rates by Student Type

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	88	26	31	2	35%	8%	35	2	40%	8%
	Day/Evening	4	2	2	1	50%	50%	2	1	50%	50%
	Evening Only	33		3		9%		5		15%	
	On-Campus/Online	2		2		100%		2		100%	
	Online Only	62		19		31%		21		34%	
	Total	**189**	**28**	**57**	**3**	**30%**	**11%**	**65**	**3**	**34%**	**11%**
Spring 2019	Day Only	63	38	19	7	30%	18%	24	9	38%	24%
	Day/Evening	3	2								
	Evening Only	7	8	1	1	14%	13%	1	1	14%	13%
	On-Campus/Online	4	1	2		50%		3		75%	
	Online Only	42		8		19%		14		33%	
	Total	**119**	**49**	**30**	**8**	**25%**	**16%**	**42**	**10**	**35%**	**20%**
Fall 2019	Day Only	116	51	26	9	22%	18%				
	Day/Evening	3	1								
	Evening Only	11	7	2	1	18%	14%				
	On-Campus/Online	4		2		50%					
	Online Only	45		5		11%					
	Unknown	4	1								
	Total	**183**	**60**	**35**	**10**	**19%**	**17%**				
Grand Total		**491**	**137**	**122**	**21**	**25%**	**15%**	**107**	**13**	**35%**	**17%**
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 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 257
MATH 96 Term Course Repetition Outcomes by Student Type

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Fall 2018	Day Only	31	2	18	2	58%	100%	9	1	29%	50%
	Day/Evening	2	1	2	1	100%	100%	1	1	50%	100%
	Evening Only	3		2		67%		1		33%	
	On-Campus/Online	2		2		100%		0		0%	
	Online Only	19		15		79%		11		58%	
	Total	**57**	**3**	**39**	**3**	**68%**	**100%**	**22**	**2**	**39%**	**67%**
Spring 2019	Day Only	19	7	14	6	74%	86%	9	0	47%	0%
	Evening Only	1	1	1	0	100%	0%	0	0	0%	0%
	On-Campus/Online	2		2		100%		0		0%	
	Online Only	8		6		75%		4		50%	
	Total	**30**	**8**	**23**	**6**	**77%**	**75%**	**13**	**0**	**43%**	**0%**
Grand Total		**87**	**11**	**62**	**9**	**71%**	**82%**	**35**	**2**	**40%**	**18%**
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.

Table258
MATH 96 Annual Course Repetition Outcomes by Student Type

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Fall 2018	Day Only	38	2	24	2	63%	100%	12	1	32%	50%
	Day/Evening	2	1	2	1	100%	100%	1	1	50%	100%
	Evening Only	6		4		67%		3		50%	
	On-Campus/Online	2		2		100%		0		0%	
	Online Only	21		17		81%		12		57%	
Grand Total		**69**	**3**	**49**	**3**	**71%**	**100%**	**28**	**2**	**41%**	**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 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 116 & 116X Outcomes & Persistence by Gender

Table259
MATH 116 Cohort Outcomes by Gender

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Spring 2019	Female	74	14	65	14	88%	100%	57	9	77%	64%
	Male	95	12	77	11	81%	92%	54	8	57%	67%
	Total	**169**	**26**	**142**	**25**	**84%**	**96%**	**111**	**17**	**66%**	**65%**
Fall 2019	Female	125	15	107	14	86%	93%	81	12	65%	80%
	Male	130	25	111	22	85%	88%	78	18	60%	72%
	Non-Binary	1		0		0%		0		0%	
	Unknown	1		1		100%		0		0%	
	Total	**257**	**40**	**219**	**36**	**85%**	**90%**	**159**	**30**	**62%**	**75%**
Grand Total		**426**	**66**	**361**	**61**	**85%**	**92%**	**270**	**47**	**63%**	**71%**
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 260
MATH 116 Persistence Rates by Gender

Cohort	Group	Cohort Headcount Not X	Cohort Headcount X	Term Persistence Count Not X	Term Persistence Count X	Term Persistence Rate Not X	Term Persistence Rate X	Annual Persistence Count Not X	Annual Persistence Count X	Annual Persistence Rate Not X	Annual Persistence Rate X
Spring 2019	Female	74	14	31	3	42%	21%	35	7	47%	50%
	Male	95	12	38	7	40%	58%	49	7	52%	58%
	Total	**169**	**26**	**69**	**10**	**41%**	**38%**	**84**	**14**	**50%**	**54%**
Fall 2019	Female	125	15	60	6	48%	40%				
	Male	130	25	59	15	45%	60%				
	Non-Binary	1		1		100%					
	Unknown	1									
	Total	**257**	**40**	**120**	**21**	**47%**	**53%**				
Grand Total		**426**	**66**	**189**	**31**	**44%**	**47%**	**84**	**14**	**50%**	**54%**
Benchmark	Female	834		385		46%		469		56%	
	Male	836		401		48%		474		57%	
Grand Total		**1,670**		**786**		**47%**		**943**		**56%**	

Table 261
MATH 116 Term Persistent Enrollment Outcomes by Gender

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Spring 2019	Female	34	4	34	3	100%	75%	28	2	82%	50%
	Male	42	8	33	7	79%	88%	25	5	60%	63%
Grand Total		**76**	**12**	**67**	**10**	**88%**	**83%**	**53**	**7**	**70%**	**58%**
Benchmark	Female	425		382		90%		318		75%	
	Male	447		383		86%		314		70%	
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 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.

Table262
MATH 116 Course Repetition Rates by Gender

Cohort	Group	Headcount of Failed Not X	Headcount of Failed X	Term Repetition Count Not X	Term Repetition Count X	Term Repetition Rate Not X	Term Repetition Rate X	Annual Repetition Count Not X	Annual Repetition Count X	Annual Repetition Rate Not X	Annual Repetition Rate X
Spring 2019	Female	17	5	9	2	53%	40%	9	2	53%	40%
	Male	41	4	13		32%		16		39%	
	Total	**58**	**9**	**22**	**2**	**38%**	**22%**	**25**	**2**	**43%**	**22%**
Fall 2019	Female	44	3	6	2	14%	67%				
	Male	52	7	11	2	21%	29%				
	Non-Binary	1									
	Unknown	1									
	Total	**98**	**10**	**17**	**4**	**17%**	**40%**				
Grand Total		**156**	**19**	**39**	**6**	**25%**	**32%**	**25**	**2**	**43%**	**22%**
Benchmark	Female	310		87		28%		114		37%	
	Male	316		76		24%		108		34%	
Grand Total		**626**		**163**		**26%**		**222**		**35%**	

Table263
MATH 116 Term Course Repetition Outcomes by Gender

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Spring 2019	Female	9	2	9	2	100%	100%	6	2	67%	100%
	Male	13		12		92%		9		69%	
Grand Total		**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
Benchmark	Female	88		68		77%		50		57%	
	Male	77		67		87%		50		65%	
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.

MATH 116 & 116X Outcomes & Persistence by Ethnicity

Table 264
MATH 116 Cohort Outcomes by Ethnicity

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	African American	5		5		100%		3		60%	
	Asian/Pacific Islander	28	2	24	2	86%	100%	17	1	61%	50%
	Filipino/a	15	1	12	1	80%	100%	9	1	60%	100%
	Latinx	42	12	32	11	76%	92%	26	6	62%	50%
	White	57	8	51	8	89%	100%	45	6	79%	75%
	Other	19	2	15	2	79%	100%	9	2	47%	100%
	Unknown	3	1	3	1	100%	100%	2	1	67%	100%
	Total	**169**	**26**	**142**	**25**	**84%**	**96%**	**111**	**17**	**66%**	**65%**
Fall 2019	African American	9	2	6	2	67%	100%	4	0	44%	0%
	Asian/Pacific Islander	38	4	36	4	95%	100%	29	4	76%	100%
	Filipino/a	24	1	22	1	92%	100%	17	1	71%	100%
	Latinx	60	8	49	8	82%	100%	30	7	50%	88%
	White	92	22	78	19	85%	86%	59	16	64%	73%
	Other	29	3	24	2	83%	67%	17	2	59%	67%
	Unknown	5		4		80%		3		60%	
	Total	**257**	**40**	**219**	**36**	**85%**	**90%**	**159**	**30**	**62%**	**75%**
Grand Total		**426**	**66**	**361**	**61**	**85%**	**92%**	**270**	**47**	**63%**	**71%**
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**		**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.

Table265
MATH 116 Persistence Rates by Ethnicity

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	African American	5		3		60%		3		60%	
	Asian/Pacific Islander	28	2	7	1	25%	50%	11	1	39%	50%
	Filipino/a	15	1	6		40%		7	1	47%	100%
	Latinx	42	12	18	6	43%	50%	20	7	48%	58%
	White	57	8	23	2	40%	25%	29	3	51%	38%
	Other	19	2	12	1	63%	50%	13	2	68%	100%
	Unknown	3	1					1		33%	
	Total	**169**	**26**	**69**	**10**	**41%**	**38%**	**84**	**14**	**50%**	**54%**
Fall 2019	African American	9	2	4	2	44%	100%				
	Asian/Pacific Islander	38	4	23	2	61%	50%				
	Filipino/a	24	1	13	1	54%	100%				
	Latinx	60	8	22	6	37%	75%				
	White	92	22	44	9	48%	41%				
	Other	29	3	13	1	45%	33%				
	Unknown	5		1		20%					
	Total	**257**	**40**	**120**	**21**	**47%**	**53%**				
Grand Total		**426**	**66**	**189**	**31**	**44%**	**47%**	**84**	**14**	**50%**	**54%**
Benchmark	African American	71		33		46%		38		54%	
	American Indian	1									
	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**		**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 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.

Table266

MATH 116 Term Persistent Enrollment Outcomes by Ethnicity

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	African American	4		4		100%		4		100%	
	Asian/Pacific Islander	8	1	7	1	88%	100%	7	1	88%	100%
	Filipino/a	7		7		100%		6		86%	
	Latinx	19	8	14	8	74%	100%	9	6	47%	75%
	White	26	2	24	0	92%	0%	21	0	81%	0%
	Other	12	1	11	1	92%	100%	6	0	50%	0%
Grand Total		**76**	**12**	**67**	**10**	**88%**	**83%**	**53**	**7**	**70%**	**58%**
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**		**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 267
MATH 116 Course Repetition Rates by Ethnicity

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Spring 2019	African American	2		2		100%		2		100%	
	Asian/Pacific Islander	11	1								
	Filipino/a	6		4		67%		4		67%	
	Latinx	16	6	5	2	31%	33%	6	2	38%	33%
	White	12	2	5		42%		6		50%	
	Other	10		6		60%		6		60%	
	Unknown	1						1		100%	
	Total	**58**	**9**	**22**	**2**	**38%**	**22%**	**25**	**2**	**43%**	**22%**
Fall 2019	African American	5	2	2	1	40%	50%				
	Asian/Pacific Islander	9		1		11%					
	Filipino/a	7		1		14%					
	Latinx	30	1	5	1	17%	100%				
	White	33	6	5	2	15%	33%				
	Other	12	1	3		25%					
	Unknown	2									
	Total	**98**	**10**	**17**	**4**	**17%**	**40%**				
Grand Total		**156**	**19**	**39**	**6**	**25%**	**32%**	**25**	**2**	**43%**	**22%**
Benchmark	African American	33		8		24%		12		36%	
	American Indian	1									
	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**		**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 268
MATH 116 Term Course Repetition Outcomes by Ethnicity

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Spring 2019	African American	2		2		100%		2		100%	
	Filipino/a	4		4		100%		3		75%	
	Latinx	5	2	4	2	80%	100%	4	2	80%	100%
	White	5		5		100%		3		60%	
	Other	6		6		100%		3		50%	
Grand Total		**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
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**		**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.

MATH 116 & 116X Outcomes & Persistence by Age

Table 269
MATH 116 Cohort Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Spring 2019	17 and <	3		2		67%		2		67%	
	18 - 24	136	21	117	20	86%	95%	90	13	66%	62%
	25 - 29	19	2	13	2	68%	100%	11	1	58%	50%
	30 - 39	10	1	9	1	90%	100%	8	1	80%	100%
	40 - 49	1	1	1	1	100%	100%	0	1	0%	100%
	50 and >		1		1		100%		1		100%
	Total	**169**	**26**	**142**	**25**	**84%**	**96%**	**111**	**17**	**66%**	**65%**
Fall 2019	17 and <	42	5	37	4	88%	80%	32	4	76%	80%
	18 - 24	183	29	158	26	86%	90%	107	21	58%	72%
	25 - 29	17	4	12	4	71%	100%	11	4	65%	100%
	30 - 39	11	1	9	1	82%	100%	8	0	73%	0%
	40 - 49	3	1	2	1	67%	100%	0	1	0%	100%
	50 and >	1		1		100%		1		100%	
	Total	**257**	**40**	**219**	**36**	**85%**	**90%**	**159**	**30**	**62%**	**75%**
Grand Total		**426**	**66**	**361**	**61**	**85%**	**92%**	**270**	**47**	**63%**	**71%**
Benchmark	17 and <	71		67		94%		63		89%	
	18 - 24	1,190		1,016		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		**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 270
MATH 116 Persistence Rates by Age

Cohort	Group	Cohort Headcount Not X	X	Term Persistence Count Not X	X	Term Persistence Rate Not X	X	Annual Persitence Count Not X	X	Annual Persistence Rate Not X	X
Spring 2019	17 and <	3		1		33%		1		33%	
	18 - 24	136	21	55	9	40%	43%	69	13	51%	62%
	25 - 29	19	2	11	1	58%	50%	11	1	58%	50%
	30 - 39	10	1	2		20%		3		30%	
	40 - 49	1	1								
	50 and >		1								
	Total	**169**	**26**	**69**	**10**	**41%**	**38%**	**84**	**14**	**50%**	**54%**
Fall 2019	17 and <	42	5	26		62%					
	18 - 24	183	29	80	16	44%	55%				
	25 - 29	17	4	9	3	53%	75%				
	30 - 39	11	1	4	1	36%	100%				
	40 - 49	3	1	1	1	33%	100%				
	50 and >	1									
	Total	**257**	**40**	**120**	**21**	**47%**	**53%**				
Grand Total		**426**	**66**	**189**	**31**	**44%**	**47%**	**84**	**14**	**50%**	**54%**
Benchmark	17 and <	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		**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 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.

Table271
MATH 116 Term Persistent Enrollment Outcomes by Age

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	17 and <	2		2		100%		2		100%	
	18 - 24	58	11	54	9	93%	82%	42	6	72%	55%
	25 - 29	14	1	9	1	64%	100%	7	1	50%	100%
	30 - 39	2		2		100%		2		100%	
Grand Total		**76**	**12**	**67**	**10**	**88%**	**83%**	**53**	**7**	**70%**	**58%**
Benchmark	17 and <	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**		**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 272
MATH 116 Course Repetition Rates by Age

Cohort	Group	Headcount of Failed Not X	Headcount of Failed X	Term Repetition Count Not X	Term Repetition Count X	Term Repetition Rate Not X	Term Repetition Rate X	Annual Repetition Count Not X	Annual Repetition Count X	Annual Repetition Rate Not X	Annual Repetition Rate X
Spring 2019	17 and <	1									
	18 - 24	46	8	18	1	39%	13%	21	1	46%	13%
	25 - 29	8	1	3	1	38%	100%	3	1	38%	100%
	30 - 39	2		1		50%		1		50%	
	40 - 49	1									
	Total	**58**	**9**	**22**	**2**	**38%**	**22%**	**25**	**2**	**43%**	**22%**
Fall 2019	17 and <	10	1	3		30%					
	18 - 24	76	8	12	3	16%	38%				
	25 - 29	6		1		17%					
	30 - 39	3	1		1		100%				
	40 - 49	3		1		33%					
	Total	**98**	**10**	**17**	**4**	**17%**	**40%**				
Grand Total		**156**	**19**	**39**	**6**	**25%**	**32%**	**25**	**2**	**43%**	**22%**
Benchmark	17 and <	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**		**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.

Table273
MATH 116 Term Course Repetition Outcomes by Age

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	18 - 24	18	1	17	1	94%	100%	12	1	67%	100%
	25 - 29	3	1	3	1	100%	100%	2	1	67%	100%
	30 - 39	1		1		100%		1		100%	
	Total	**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
Grand Total		**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
Benchmark	17 and <	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**		**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.

MATH 116 & 116X Outcomes & Persistence by Academic Standing

Table274
MATH 116 Cohort Outcomes by Academic Standing

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Good Standing	146	22	125	22	86%	100%	107	17	73%	77%
	Probation	15	2	9	1	60%	50%	4	0	27%	0%
	Disqualified	8	2	8	2	100%	100%	0	0	0%	0%
	Total	**169**	**26**	**142**	**25**	**84%**	**96%**	**111**	**17**	**66%**	**65%**
Fall 2019	Good Standing	233	33	198	31	85%	94%	155	28	67%	85%
	Probation	18	5	17	3	94%	60%	3	2	17%	40%
	Disqualified	6	2	4	2	67%	100%	1	0	17%	0%
	Total	**257**	**40**	**219**	**36**	**85%**	**90%**	**159**	**30**	**62%**	**75%**
Grand Total		**426**	**66**	**361**	**61**	**85%**	**92%**	**270**	**47**	**63%**	**71%**
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.

Table275
MATH 116 Persistence Rates by Academic Standing

Cohort	Group	Cohort Headcount Not X	Cohort Headcount X	Term Persistence Count Not X	Term Persistence Count X	Term Persistence Rate Not X	Term Persistence Rate X	Annual Persitence Count Not X	Annual Persitence Count X	Annual Persistence Rate Not X	Annual Persistence Rate X
Spring 2019	Good Standing	146	22	59	10	40%	45%	72	14	49%	64%
	Probation	15	2	9		60%		11		73%	
	Disqualified	8	2	1		13%		1		13%	
	Total	**169**	**26**	**69**	**10**	**41%**	**38%**	**84**	**14**	**50%**	**54%**
Fall 2019	Good Standing	233	33	117	17	50%	52%				
	Probation	18	5	3	4	17%	80%				
	Disqualified	6	2								
	Total	**257**	**40**	**120**	**21**	**47%**	**53%**				
Grand Total		**426**	**66**	**189**	**31**	**44%**	**47%**	**84**	**14**	**50%**	**54%**
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%**	

Table276
MATH 116 Term Persistent Enrollment Outcomes by Academic Standing

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Spring 2019	Good Standing	64	12	56	10	88%	83%	46	7	72%	58%
	Probation	11		11		100%		7		64%	
	Disqualified	1		0		0%		0		0%	
Grand Total		**76**	**12**	**67**	**10**	**88%**	**83%**	**53**	**7**	**70%**	**58%**
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 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.

Table277
MATH 116 Course Repetition Rates by Academic Standing

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Good Standing	39	5	17	2	44%	40%	19	2	49%	40%
	Probation	11	2	5		45%		6		55%	
	Disqualified	8	2								
	Total	**58**	**9**	**22**	**2**	**38%**	**22%**	**25**	**2**	**43%**	**22%**
Fall 2019	Good Standing	78	5	16	2	21%	40%				
	Probation	15	3	1	2	7%	67%				
	Disqualified	5	2								
	Total	**98**	**10**	**17**	**4**	**17%**	**40%**				
Grand Total		**156**	**19**	**39**	**6**	**25%**	**32%**	**25**	**2**	**43%**	**22%**
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%**	

Table278
MATH 116 Term Course Repetition Outcomes by Academic Standing

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Good Standing	17	2	16	2	94%	100%	12	2	71%	100%
	Probation	5		5		100%		3		60%	
Grand Total		**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
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.

MATH 116 & 116X Outcomes & Persistence by DSPS Status

Table 279

MATH 116 Cohort Outcomes by DSPS Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	DSPS	7	1	7	1	100%	100%	5	1	71%	100%
	Not DSPS	162	25	135	24	83%	96%	106	16	65%	64%
	Total	**169**	**26**	**142**	**25**	**84%**	**96%**	**111**	**17**	**66%**	**65%**
Fall 2019	DSPS	7	2	6	2	86%	100%	4	2	57%	100%
	Unknown	250	38	213	34	85%	89%	155	28	62%	74%
	Total	**257**	**40**	**219**	**36**	**85%**	**90%**	**159**	**30**	**62%**	**75%**
Grand Total		**426**	**66**	**361**	**61**	**85%**	**92%**	**270**	**47**	**63%**	**71%**
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 280
MATH 116 Persistence Rates by DSPS Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	DSPS	7	1	4		57%		4		57%	
	Not DSPS	162	25	65	10	40%	40%	80	14	49%	56%
	Total	**169**	**26**	**69**	**10**	**41%**	**38%**	**84**	**14**	**50%**	**54%**
Fall 2019	DSPS	7	2	3		43%					
	Unknown	250	38	117	21	47%	55%				
	Total	**257**	**40**	**120**	**21**	**47%**	**53%**				
Grand Total		**426**	**66**	**189**	**31**	**44%**	**47%**	**84**	**14**	**50%**	**54%**
Benchmark	DSPS	55		26		47%		29		53%	
	Not DSPS	1,615		760		47%		914		57%	
Grand Total		**1,670**		**786**		**47%**		**943**		**56%**	

Table 281
MATH 116 Term Persistent Enrollment Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	DSPS	5		4		80%		3		60%	
	Not DSPS	71	12	63	10	89%	83%	50	7	70%	58%
Grand Total		**76**	**12**	**67**	**10**	**88%**	**83%**	**53**	**7**	**70%**	**58%**
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 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.

Table282
MATH 116 Course Repetition Rates by DSPS Status

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	DSPS	2		2		100%		2		100%	
	Not DSPS	56	9	20	2	36%	22%	23	2	41%	22%
	Total	**58**	**9**	**22**	**2**	**38%**	**22%**	**25**	**2**	**43%**	**22%**
Fall 2019	DSPS	3		1		33%					
	Unknown	95	10	16	4	17%	40%				
	Total	**98**	**10**	**17**	**4**	**17%**	**40%**				
Grand Total		**156**	**19**	**39**	**6**	**25%**	**32%**	**25**	**2**	**43%**	**22%**
Benchmark	DSPS	20		7		35%		9		45%	
	Not DSPS	606		156		26%		213		35%	
Grand Total		**626**		**163**		**26%**		**222**		**35%**	

Table283
MATH 116 Term Course Repetition Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	DSPS	2		2		100%		1		50%	
	Not DSPS	20	2	19	2	95%	100%	14	2	70%	100%
Grand Total		**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
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.

MATH 116 & 116X Outcomes & Persistence by First Generation Status

Table284

MATH 116 Cohort Outcomes by First Generation Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Spring 2019	First Gen.	30	5	21	5	70%	100%	17	3	57%	60%
	Not First Gen.	139	21	121	20	87%	95%	94	14	68%	67%
	Total	**169**	**26**	**142**	**25**	**84%**	**96%**	**111**	**17**	**66%**	**65%**
Fall 2019	First Gen.	18	1	13	1	72%	100%	9	0	50%	0%
	Not First Gen.	56	8	51	7	91%	88%	44	4	79%	50%
	Unknown	183	31	155	28	85%	90%	106	26	58%	84%
	Total	**257**	**40**	**219**	**36**	**85%**	**90%**	**159**	**30**	**62%**	**75%**
Grand Total		**426**	**66**	**361**	**61**	**85%**	**92%**	**270**	**47**	**63%**	**71%**
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.

Table285
MATH 116 Persistence Rates by First Generation Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Spring 2019	First Gen.	30	5	12	1	40%	20%	15	3	50%	60%
	Not First Gen.	139	21	57	9	41%	43%	69	11	50%	52%
	Total	**169**	**26**	**69**	**10**	**41%**	**38%**	**84**	**14**	**50%**	**54%**
Fall 2019	First Gen.	18	1	6	1	33%	100%				
	Not First Gen.	56	8	19	6	34%	75%				
	Unknown	183	31	95	14	52%	45%				
	Total	**257**	**40**	**120**	**21**	**47%**	**53%**				
Grand Total		**426**	**66**	**189**	**31**	**44%**	**47%**	**84**	**14**	**50%**	**54%**
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%**	

Table286
MATH 116 Term Persistent Enrollment Outcomes by First Generation Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Spring 2019	First Gen.	13	1	8	0	62%	0%	5	0	38%	0%
	Not First Gen.	63	11	59	10	94%	91%	48	7	76%	64%
Grand Total		**76**	**12**	**67**	**10**	**88%**	**83%**	**53**	**7**	**70%**	**58%**
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 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.

Table287
MATH 116 Course Repetition Rates by First Generation Status

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Spring 2019	First Gen.	13	2	2		15%		2		15%	
	Not First Gen.	45	7	20	2	44%	29%	23	2	51%	29%
	Total	**58**	**9**	**22**	**2**	**38%**	**22%**	**25**	**2**	**43%**	**22%**
Fall 2019	First Gen.	9	1	1	1	11%	100%				
	Not First Gen.	12	4		1		25%				
	Unknown	77	5	16	2	21%	40%				
	Total	**98**	**10**	**17**	**4**	**17%**	**40%**				
Grand Total		**156**	**19**	**39**	**6**	**25%**	**32%**	**25**	**2**	**43%**	**22%**
Benchmark	First Gen.	143		43		30%		56		39%	
	Not First Gen.	483		120		25%		166		34%	
Grand Total		**626**		**163**		**26%**		**222**		**35%**	

Table288
MATH 116 Term Course Repetition Outcomes by First Generation Status

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Spring 2019	First Gen.	2		1		50%		1		50%	
	Not First Gen.	20	2	20	2	100%	100%	14	2	70%	100%
Grand Total		**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
Benchmark	First Gen.	43		33		77%		23		53%	
	Not First Gen.	122		102		84%		77		63%	
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.

MATH 116 & 116X Outcomes & Persistence by Foster Youth Status

Table 289
MATH 116 Cohort Outcomes by Foster Youth Status

Cohort	Group	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Spring 2019	Foster Youth	1		1		100%		1		100%	
	Not Foster Youth	168	26	141	25	84%	96%	110	17	65%	65%
	Total	**169**	**26**	**142**	**25**	**84%**	**96%**	**111**	**17**	**66%**	**65%**
Fall 2019	Foster Youth	1		1		100%		1		100%	
	Not Foster Youth	256	40	218	36	85%	90%	158	30	62%	75%
	Total	**257**	**40**	**219**	**36**	**85%**	**90%**	**159**	**30**	**62%**	**75%**
Grand Total		**426**	**66**	**361**	**61**	**85%**	**92%**	**270**	**47**	**63%**	**71%**
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%**	

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

Table290
MATH 116 Persistence Rates by Foster Youth Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Foster Youth	1									
	Not Foster Youth	168	26	69	10	41%	38%	84	14	50%	54%
	Total	**169**	**26**	**69**	**10**	**41%**	**38%**	**84**	**14**	**50%**	**54%**
Fall 2019	Foster Youth	1									
	Not Foster Youth	256	40	120	21	47%	53%				
	Total	**257**	**40**	**120**	**21**	**47%**	**53%**				
Grand Total		**426**	**66**	**189**	**31**	**44%**	**47%**	**84**	**14**	**50%**	**54%**
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%**	

Table291
MATH 116 Term Persistent Enrollment Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Not Foster Youth	76	12	67	10	88%	83%	53	7	70%	58%
Grand Total		**76**	**12**	**67**	**10**	**88%**	**83%**	**53**	**7**	**70%**	**58%**
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%**	

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.

Table292
MATH 116 Course Repetition Rates by Foster Youth Status

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Not Foster Youth	58	9	22	2	38%	22%	25	2	43%	22%
	Total	**58**	**9**	**22**	**2**	**38%**	**22%**	**25**	**2**	**43%**	**22%**
Fall 2019	Not Foster Youth	98	10	17	4	17%	40%				
	Total	**98**	**10**	**17**	**4**	**17%**	**40%**				
Grand Total		**156**	**19**	**39**	**6**	**25%**	**32%**	**25**	**2**	**43%**	**22%**
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%**	

Table293
MATH 116 Term Course Repetition Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Not Foster Youth	22	2	21	2	95%	100%	15	2	68%	100%
Grand Total		**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
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.

MATH 116 & 116X Outcomes & Persistence by Military Status

Table294

MATH 116 Cohort Outcomes by Military Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Not Veteran/Active Duty	162	23	136	22	84%	96%	107	15	66%	65%
	Veteran/Active Duty	7	3	6	3	86%	100%	4	2	57%	67%
	Total	**169**	**26**	**142**	**25**	**84%**	**96%**	**111**	**17**	**66%**	**65%**
Fall 2019	Not Veteran/Active Duty	236	33	200	29	85%	88%	145	24	61%	73%
	Veteran/Active Duty	21	7	19	7	90%	100%	14	6	67%	86%
	Total	**257**	**40**	**219**	**36**	**85%**	**90%**	**159**	**30**	**62%**	**75%**
Grand Total		**426**	**66**	**361**	**61**	**85%**	**92%**	**270**	**47**	**63%**	**71%**
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.

Table295
MATH 116 Persistence Rates by Military Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Not Veteran/Active Duty	162	23	67	10	41%	43%	81	14	50%	61%
	Veteran/Active Duty	7	3	2		29%		3		43%	
	Total	**169**	**26**	**69**	**10**	**41%**	**38%**	**84**	**14**	**50%**	**54%**
Fall 2019	Not Veteran/Active Duty	236	33	112	17	47%	52%				
	Veteran/Active Duty	21	7	8	4	38%	57%				
	Total	**257**	**40**	**120**	**21**	**47%**	**53%**				
Grand Total		**426**	**66**	**189**	**31**	**44%**	**47%**	**84**	**14**	**50%**	**54%**
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%**	

Table296
MATH 116 Term Persistent Enrollment Outcomes by Military Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Not Veteran/Active Duty	74	12	65	10	88%	83%	51	7	69%	58%
	Veteran/Active Duty	2		2		100%		2		100%	
Grand Total		**76**	**12**	**67**	**10**	**88%**	**83%**	**53**	**7**	**70%**	**58%**
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 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 297

MATH 116 Course Repetition Rates by Military Status

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Spring 2019	Not Veteran/Active Duty	55	8	21	2	38%	25%	24	2	44%	25%
	Veteran/Active Duty	3	1	1		33%		1		33%	
	Total	**58**	**9**	**22**	**2**	**38%**	**22%**	**25**	**2**	**43%**	**22%**
Fall 2019	Not Veteran/Active Duty	91	9	16	4	18%	44%				
	Veteran/Active Duty	7	1	1		14%					
	Total	**98**	**10**	**17**	**4**	**17%**	**40%**				
Grand Total		**156**	**19**	**39**	**6**	**25%**	**32%**	**25**	**2**	**43%**	**22%**
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 298

MATH 116 Term Course Repetition Outcomes by Military Status

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Spring 2019	Not Veteran/Active Duty	21	2	20	2	95%	100%	14	2	67%	100%
	Veteran/Active Duty	1		1		100%		1		100%	
Grand Total		**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
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.

MATH 116 & 116X Outcomes & Persistence by Section Modality

Table 299
MATH 116 Cohort Outcomes by Section Modality

Cohort	Group	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Spring 2019	Day	128	26	106	25	83%	96%	77	17	60%	65%
	Evening	41		36		88%		34		83%	
	Total	**169**	**26**	**142**	**25**	**84%**	**96%**	**111**	**17**	**66%**	**65%**
Fall 2019	Day	218	40	185	36	85%	90%	138	30	63%	75%
	Evening	39		34		87%		21		54%	
	Total	**257**	**40**	**219**	**36**	**85%**	**90%**	**159**	**30**	**62%**	**75%**
Grand Total		**426**	**66**	**361**	**61**	**85%**	**92%**	**270**	**47**	**63%**	**71%**
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 300
MATH 116 Persistence Rates by Section Modality

Cohort	Group	Cohort Headcount Not X	X	Term Persistence Count Not X	X	Term Persistence Rate Not X	X	Annual Persitence Count Not X	X	Annual Persistence Rate Not X	X
Spring 2019	Day	128	26	54	10	42%	38%	66	14	52%	54%
	Evening	41		15		37%		18		44%	
	Total	**169**	**26**	**69**	**10**	**41%**	**38%**	**84**	**14**	**50%**	**54%**
Fall 2019	Day	218	40	110	21	50%	53%				
	Evening	39		10		26%					
	Total	**257**	**40**	**120**	**21**	**47%**	**53%**				
Grand Total		**426**	**66**	**189**	**31**	**44%**	**47%**	**84**	**14**	**50%**	**54%**
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 301
MATH 116 Term Persistent Enrollment Outcomes by Section Modality

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Spring 2019	Day	58	12	53	10	91%	83%	40	7	69%	58%
	Evening	18		14		78%		13		72%	
Grand Total		**76**	**12**	**67**	**10**	**88%**	**83%**	**53**	**7**	**70%**	**58%**
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 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 302
MATH 116 Course Repetition Rates by Section Modality

Cohort	Group	Headcount of Failed Not X	Headcount of Failed X	Term Repetition Count Not X	Term Repetition Count X	Term Repetition Rate Not X	Term Repetition Rate X	Annual Repetition Count Not X	Annual Repetition Count X	Annual Repetition Rate Not X	Annual Repetition Rate X
Spring 2019	Day	51	9	20	2	39%	22%	23	2	45%	22%
	Evening	7		2		29%		2		29%	
	Total	**58**	**9**	**22**	**2**	**38%**	**22%**	**25**	**2**	**43%**	**22%**
Fall 2019	Day	80	10	15	4	19%	40%				
	Evening	18		2		11%					
	Total	**98**	**10**	**17**	**4**	**17%**	**40%**				
Grand Total		**156**	**19**	**39**	**6**	**25%**	**32%**	**25**	**2**	**43%**	**22%**
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 303
MATH 116 Term Course Repetition Outcomes by Section Modality

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Spring 2019	Day	20	2	20	2	100%	100%	14	2	70%	100%
	Evening	2		1		50%		1		50%	
Grand Total		**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
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.

MATH 116 & 116X Outcomes & Persistence by Student Type

Table 304
MATH 116 Cohort Outcomes by Student Type

Cohort	Group	Enrollment Not X	Enrollment X	Cohort Retention Count Not X	Cohort Retention Count X	Cohort Retention Rate Not X	Cohort Retention Rate X	Cohort Success Count Not X	Cohort Success Count X	Cohort Success Rate Not X	Cohort Success Rate X
Spring 2019	Day Only	126	25	104	25	83%	100%	76	17	60%	68%
	Day/Evening	5	1	4	0	80%	0%	4	0	80%	0%
	Evening Only	36		32		89%		30		83%	
	On-Campus/Online	2		2		100%		1		50%	
	Total	**169**	**26**	**142**	**25**	**84%**	**96%**	**111**	**17**	**66%**	**65%**
Fall 2019	Day Only	198	37	167	33	84%	89%	128	28	65%	76%
	Day/Evening	5	2	5	2	100%	100%	5	1	100%	50%
	Evening Only	35		30		86%		17		49%	
	On-Campus/Online	8		7		88%		4		50%	
	Unknown	11	1	10	1	91%	100%	5	1	45%	100%
	Total	**257**	**40**	**219**	**36**	**85%**	**90%**	**159**	**30**	**62%**	**75%**
Grand Total		**426**	**66**	**361**	**61**	**85%**	**92%**	**270**	**47**	**63%**	**71%**
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 305
MATH 116 Persistence Rates by Student Type

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Day Only	126	25	53	10	42%	40%	65	14	52%	56%
	Day/Evening	5	1	2		40%		3		60%	
	Evening Only	36		13		36%		15		42%	
	On-Campus/Online	2		1		50%		1		50%	
	Total	**169**	**26**	**69**	**10**	**41%**	**38%**	**84**	**14**	**50%**	**54%**
Fall 2019	Day Only	198	37	107	20	54%	54%				
	Day/Evening	5	2	1	1	20%	50%				
	Evening Only	35		9		26%					
	On-Campus/Online	8		3		38%					
	Unknown	11	1								
	Total	**257**	**40**	**120**	**21**	**47%**	**53%**				
Grand Total		**426**	**66**	**189**	**31**	**44%**	**47%**	**84**	**14**	**50%**	**54%**
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 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 306
MATH 116 Term Persistent Enrollment Outcomes by Student Type

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Spring 2019	Day Only	57	12	52	10	91%	83%	39	7	68%	58%
	Day/Evening	2		0		0%		0		0%	
	Evening Only	16		14		88%		13		81%	
	On-Campus/Online	1		1		100%		1		100%	
Grand Total		**76**	**12**	**67**	**10**	**88%**	**83%**	**53**	**7**	**70%**	**58%**
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 307

MATH 116 Course Repetition Rates by Student Type

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Day Only	50	8	19	2	38%	25%	22	2	44%	25%
	Day/Evening	1	1	1		100%		1		100%	
	Evening Only	6		1		17%		1		17%	
	On-Campus/Online	1		1		100%		1		100%	
	Total	**58**	**9**	**22**	**2**	**38%**	**22%**	**25**	**2**	**43%**	**22%**
Fall 2019	Day Only	70	9	15	4	21%	44%				
	Day/Evening		1								
	Evening Only	18		2		11%					
	On-Campus/Online	4									
	Unknown	6									
	Total	**98**	**10**	**17**	**4**	**17%**	**40%**				
Grand Total		**156**	**19**	**39**	**6**	**25%**	**32%**	**25**	**2**	**43%**	**22%**
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 308
MATH 116 Term Course Repetition Outcomes by Student Type

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Day Only	19	2	19	2	100%	100%	13	2	68%	100%
	Day/Evening	1		0		0%		0		0%	
	Evening Only	1		1		100%		1		100%	
	On-Campus/Online	1		1		100%		1		100%	
	Total	**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
Grand Total		**22**	**2**	**21**	**2**	**95%**	**100%**	**15**	**2**	**68%**	**100%**
Benchmark	Day Only	104		88		85%		61		59%	
	Day/Evening	6		6		100%		4		67%	
	Evening Only	22		16		73%		13		59%	
	On-Campus/Online	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.

MATH 119 & 119X Outcomes & Persistence by Gender

Table 309
MATH 119 Cohort Outcomes by Gender

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Female	186	64	156	49	84%	77%	125	34	67%	53%
	Male	184	51	159	42	86%	82%	118	29	64%	57%
	Total	**370**	**115**	**315**	**91**	**85%**	**79%**	**243**	**63**	**66%**	**55%**
Fall 2019	Female	208	115	168	106	81%	92%	132	69	63%	60%
	Male	186	94	150	78	81%	83%	121	42	65%	45%
	Unknown	1	1	1	1	100%	100%	0	0	0%	0%
	Total	**395**	**210**	**319**	**185**	**81%**	**88%**	**253**	**111**	**64%**	**53%**
Grand Total		**765**	**325**	**634**	**276**	**83%**	**85%**	**496**	**174**	**65%**	**54%**
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 310
MATH 119 Persistence Rates by Gender

Cohort	Group	Cohort Headcount Not X	Cohort Headcount X	Term Persistence Count Not X	Term Persistence Count X	Term Persistence Rate Not X	Term Persistence Rate X	Annual Persitence Count Not X	Annual Persitence Count X	Annual Persistence Rate Not X	Annual Persistence Rate X
Spring 2019	Female	186	64	35	16	19%	25%	47	20	25%	31%
	Male	184	51	41	18	22%	35%	55	23	30%	45%
	Total	**370**	**115**	**76**	**34**	**21%**	**30%**	**102**	**43**	**28%**	**37%**
Fall 2019	Female	208	115	41	17	20%	15%				
	Male	186	94	39	23	21%	24%				
	Unknown	1	1								
	Total	**395**	**210**	**80**	**40**	**20%**	**19%**				
Grand Total		**765**	**325**	**156**	**74**	**20%**	**23%**	**102**	**43**	**28%**	**37%**
Benchmark	Female	1,436		309		22%		417		29%	
	Male	1,393		428		31%		534		38%	
Grand Total		**2,829**		**737**		**26%**		**951**		**34%**	

Table 311
MATH 119 Term Persistent Enrollment Outcomes by Gender

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Spring 2019	Female	46	22	37	20	80%	91%	27	14	59%	64%
	Male	51	27	38	20	75%	74%	34	18	67%	67%
Grand Total		**97**	**49**	**75**	**40**	**77%**	**82%**	**61**	**32**	**63%**	**65%**
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 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 312
MATH 119 Course Repetition Rates by Gender

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Female	61	30	19	9	31%	30%	25	11	41%	37%
	Male	66	22	16	8	24%	36%	21	9	32%	41%
	Total	**127**	**52**	**35**	**17**	**28%**	**33%**	**46**	**20**	**36%**	**38%**
Fall 2019	Female	76	46	19	8	25%	17%				
	Male	65	52	8	11	12%	21%				
	Unknown	1	1								
	Total	**142**	**99**	**27**	**19**	**19%**	**19%**				
Grand Total		**269**	**151**	**62**	**36**	**23%**	**24%**	**46**	**20**	**36%**	**38%**
Benchmark	Female	371		95		26%		138		37%	
	Male	422		110		26%		166		39%	
Grand Total		**793**		**205**		**26%**		**304**		**38%**	

Table 313
MATH 119 Term Course Repetition Outcomes by Gender

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Female	19	9	16	7	84%	78%	11	5	58%	56%
	Male	17	8	11	6	65%	75%	10	5	59%	63%
Grand Total		**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
Benchmark	Female	97		81		84%		61		63%	
	Male	110		93		85%		60		55%	
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.

MATH 119 & 119X Outcomes & Persistence by Ethnicity

Table 314
MATH 119 Cohort Outcomes by Ethnicity

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	African American	15	5	10	4	67%	80%	7	2	47%	40%
	Asian/Pacific Islander	71	9	60	8	85%	89%	52	6	73%	67%
	Filipino/a	38	7	33	4	87%	57%	29	2	76%	29%
	Latinx	84	38	71	30	85%	79%	49	18	58%	47%
	White	120	43	104	34	87%	79%	77	28	64%	65%
	Other	36	12	32	10	89%	83%	26	7	72%	58%
	Unknown	6	1	5	1	83%	100%	3	0	50%	0%
	Total	**370**	**115**	**315**	**91**	**85%**	**79%**	**243**	**63**	**66%**	**55%**
Fall 2019	African American	19	6	13	5	68%	83%	9	4	47%	67%
	Asian/Pacific Islander	65	24	54	23	83%	96%	44	17	68%	71%
	Filipino/a	46	24	39	23	85%	96%	32	15	70%	63%
	Latinx	114	68	92	59	81%	87%	69	28	61%	41%
	White	102	63	83	53	81%	84%	68	33	67%	52%
	Other	35	20	28	17	80%	85%	21	11	60%	55%
	Unknown	14	5	10	5	71%	100%	10	3	71%	60%
	Total	**395**	**210**	**319**	**185**	**81%**	**88%**	**253**	**111**	**64%**	**53%**
Grand Total		**765**	**325**	**634**	**276**	**83%**	**85%**	**496**	**174**	**65%**	**54%**
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**		**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 315
MATH 119 Persistence Rates by Ethnicity

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	African American	15	5	4	3	27%	60%	5	3	33%	60%
	Asian/Pacific Islander	71	9	18	3	25%	33%	23	3	32%	33%
	Filipino/a	38	7	9	4	24%	57%	12	4	32%	57%
	Latinx	84	38	17	7	20%	18%	24	12	29%	32%
	White	120	43	20	15	17%	35%	24	19	20%	44%
	Other	36	12	6	1	17%	8%	12	1	33%	8%
	Unknown	6	1	2	1	33%	100%	2	1	33%	100%
	Total	**370**	**115**	**76**	**34**	**21%**	**30%**	**102**	**43**	**28%**	**37%**
Fall 2019	African American	19	6	2	2	11%	33%				
	Asian/Pacific Islander	65	24	11	2	17%	8%				
	Filipino/a	46	24	9	7	20%	29%				
	Latinx	114	68	20	12	18%	18%				
	White	102	63	24	12	24%	19%				
	Other	35	20	9	5	26%	25%				
	Unknown	14	5	5		36%					
	Total	**395**	**210**	**80**	**40**	**20%**	**19%**				
Grand Total		**765**	**325**	**156**	**74**	**20%**	**23%**	**102**	**43**	**28%**	**37%**
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**		**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 316
MATH 119 Term Persistent Enrollment Outcomes by Ethnicity

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Spring 2019	African American	4	3	2	2	50%	67%	1	1	25%	33%
	Asian/Pacific Islander	23	4	21	1	91%	25%	20	1	87%	25%
	Filipino/a	12	6	10	5	83%	83%	8	5	67%	83%
	Latinx	20	10	15	8	75%	80%	12	6	60%	60%
	White	29	22	21	20	72%	91%	16	16	55%	73%
	Other	7	2	5	2	71%	100%	3	2	43%	100%
	Unknown	2	2	1	2	50%	100%	1	1	50%	50%
Grand Total		**97**	**49**	**75**	**40**	**77%**	**82%**	**61**	**32**	**63%**	**65%**
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**		**67%**	

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 317
MATH 119 Course Repetition Rates by Ethnicity

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	African American	8	3		2		67%	1	2	13%	67%
	Asian/Pacific Islander	19	3	7	1	37%	33%	7	1	37%	33%
	Filipino/a	9	5	2	3	22%	60%	3	3	33%	60%
	Latinx	35	20	9	5	26%	25%	14	7	40%	35%
	White	43	15	12	4	28%	27%	14	5	33%	33%
	Other	10	5	3	1	30%	20%	5	1	50%	20%
	Unknown	3	1	2	1	67%	100%	2	1	67%	100%
	Total	**127**	**52**	**35**	**17**	**28%**	**33%**	**46**	**20**	**36%**	**38%**
Fall 2019	African American	10	2	2	1	20%	50%				
	Asian/Pacific Islander	21	7	2	1	10%	14%				
	Filipino/a	14	9	2	1	14%	11%				
	Latinx	45	40	8	8	18%	20%				
	White	34	30	8	6	24%	20%				
	Other	14	9	3	2	21%	22%				
	Unknown	4	2	2		50%					
	Total	**142**	**99**	**27**	**19**	**19%**	**19%**				
Grand Total		**269**	**151**	**62**	**36**	**23%**	**24%**	**46**	**20**	**36%**	**38%**
Benchmark	African American	34		8		24%		14		41%	
	American Indian	4									
	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**		**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 318

MATH 119 Term Course Repetition Outcomes by Ethnicity

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Spring 2019	African American		2		1		50%		1		50%
	Asian/Pacific Islander	7	1	6	0	86%	0%	5	0	71%	0%
	Filipino/a	2	3	1	3	50%	100%	1	3	50%	100%
	Latinx	9	5	8	4	89%	80%	6	3	67%	60%
	White	13	4	9	3	69%	75%	7	2	54%	50%
	Other	3	1	2	1	67%	100%	1	1	33%	100%
	Unknown	2	1	1	1	50%	100%	1	0	50%	0%
Grand Total		**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
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**		**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.

MATH 119 & 119X Outcomes & Persistence by Age

Table 319
MATH 119 Cohort Outcomes by Age

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Spring 2019	18 - 24	261	78	229	62	88%	79%	178	40	68%	51%
	25 - 29	61	22	50	19	82%	86%	34	16	56%	73%
	30 - 39	32	10	22	7	69%	70%	20	6	63%	60%
	40 - 49	12	3	10	2	83%	67%	7	1	58%	33%
	50 and >	4	2	4	1	100%	50%	4	0	100%	0%
	Total	**370**	**115**	**315**	**91**	**85%**	**79%**	**243**	**63**	**66%**	**55%**
Fall 2019	17 and <	23	16	21	16	91%	100%	17	7	74%	44%
	18 - 24	290	158	235	142	81%	90%	182	85	63%	54%
	25 - 29	45	16	33	13	73%	81%	28	8	62%	50%
	30 - 39	23	16	20	11	87%	69%	18	9	78%	56%
	40 - 49	13	3	10	2	77%	67%	8	1	62%	33%
	50 and >	1	1	0	1	0%	100%	0	1	0%	100%
	Total	**395**	**210**	**319**	**185**	**81%**	**88%**	**253**	**111**	**64%**	**53%**
Grand Total		**765**	**325**	**634**	**276**	**83%**	**85%**	**496**	**174**	**65%**	**54%**
Benchmark	17 and <	76		75		99%		72		95%	
	18 - 24	2,034		1,778		87%		1,471		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		**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 320
MATH 119 Persistence Rates by Age

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	18 - 24	261	78	56	23	21%	29%	75	27	29%	35%
	25 - 29	61	22	15	6	25%	27%	19	9	31%	41%
	30 - 39	32	10	4	3	13%	30%	7	5	22%	50%
	40 - 49	12	3		2		67%		2		67%
	50 and >	4	2	1		25%		1		25%	
	Total	**370**	**115**	**76**	**34**	**21%**	**30%**	**102**	**43**	**28%**	**37%**
Fall 2019	17 and <	23	16	3	3	13%	19%				
	18 - 24	290	158	64	29	22%	18%				
	25 - 29	45	16	9	4	20%	25%				
	30 - 39	23	16	2	3	9%	19%				
	40 - 49	13	3	1	1	8%	33%				
	50 and >	1	1	1		100%					
	Total	**395**	**210**	**80**	**40**	**20%**	**19%**				
Grand Total		**765**	**325**	**156**	**74**	**20%**	**23%**	**102**	**43**	**28%**	**37%**
Benchmark	17 and <	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		**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 321
MATH 119 Term Persistent Enrollment Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Spring 2019	18 - 24	72	34	58	29	81%	85%	45	24	63%	71%
	25 - 29	18	9	11	6	61%	67%	11	4	61%	44%
	30 - 39	5	4	4	4	80%	100%	4	4	80%	100%
	40 - 49		2		1		50%		0		0%
	50 and >	2		2		100%		1		50%	
Grand Total		**97**	**49**	**75**	**40**	**77%**	**82%**	**61**	**32**	**63%**	**65%**
Benchmark	17 and <	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**		**85%**		**547**		**67%**	

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 322
MATH 119 Course Repetition Rates by Age

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Spring 2019	18 - 24	83	38	26	11	31%	29%	36	13	43%	34%
	25 - 29	27	6	7	3	26%	50%	8	4	30%	67%
	30 - 39	12	4	2	1	17%	25%	2	1	17%	25%
	40 - 49	5	2		2		100%		2		100%
	50 and >		2								
	Total	**127**	**52**	**35**	**17**	**28%**	**33%**	**46**	**20**	**36%**	**38%**
Fall 2019	17 and <	6	9	1		17%					
	18 - 24	108	73	22	15	20%	21%				
	25 - 29	17	8	2	2	12%	25%				
	30 - 39	5	7		1		14%				
	40 - 49	5	2	1	1	20%	50%				
	50 and >	1		1		100%					
	Total	**142**	**99**	**27**	**19**	**19%**	**19%**				
Grand Total		**269**	**151**	**62**	**36**	**23%**	**24%**	**46**	**20**	**36%**	**38%**

Cohort	Group	Headcount of Failed Not X	Term Repetition Count Not X	Term Repetition Rate Not X	Annual Repetition Count Not X	Annual Repetition Rate Not X
Benchmark	17 and <	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**	**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 323
MATH 119 Term Course Repetition Outcomes by Age

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Spring 2019	18 - 24	26	11	21	10	81%	91%	15	9	58%	82%
	25 - 29	8	3	5	1	63%	33%	5	0	63%	0%
	30 - 39	2	1	1	1	50%	100%	1	1	50%	100%
	40 - 49		2		1		50%		0		0%
	Total	**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
Grand Total		**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
Benchmark	17 and <	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**		**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.

MATH 119 & 119X Outcomes & Persistence by Academic Standing

Table 324
MATH 119 Cohort Outcomes by Academic Standing

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Spring 2019	Good Standing	342	99	296	81	87%	82%	241	59	70%	60%
	Probation	16	14	10	8	63%	57%	2	3	13%	21%
	Disqualified	12	2	9	2	75%	100%	0	1	0%	50%
	Total	**370**	**115**	**315**	**91**	**85%**	**79%**	**243**	**63**	**66%**	**55%**
Fall 2019	Good Standing	355	181	298	164	84%	91%	249	108	70%	60%
	Probation	32	21	15	15	47%	71%	3	1	9%	5%
	Disqualified	8	8	6	6	75%	75%	1	2	13%	25%
	Total	**395**	**210**	**319**	**185**	**81%**	**88%**	**253**	**111**	**64%**	**53%**
Grand Total		**765**	**325**	**634**	**276**	**83%**	**85%**	**496**	**174**	**65%**	**54%**
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 325
MATH 119 Persistence Rates by Academic Standing

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Good Standing	342	99	69	33	20%	33%	92	39	27%	39%
	Probation	16	14	4	1	25%	7%	6	4	38%	29%
	Disqualified	12	2	3		25%		4		33%	
	Total	**370**	**115**	**76**	**34**	**21%**	**30%**	**102**	**43**	**28%**	**37%**
Fall 2019	Good Standing	355	181	73	34	21%	19%				
	Probation	32	21	6	4	19%	19%				
	Disqualified	8	8	1	2	13%	25%				
	Total	**395**	**210**	**80**	**40**	**20%**	**19%**				
Grand Total		**765**	**325**	**156**	**74**	**20%**	**23%**	**102**	**43**	**28%**	**37%**
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 326
MATH 119 Term Persistent Enrollment Outcomes by Academic Standing

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Good Standing	89	48	69	40	78%	83%	57	32	64%	67%
	Probation	4	1	2	0	50%	0%	2	0	50%	0%
	Disqualified	4		4		100%		2		50%	
Grand Total		**97**	**49**	**75**	**40**	**77%**	**82%**	**61**	**32**	**63%**	**65%**
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 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 327
MATH 119 Course Repetition Rates by Academic Standing

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Good Standing	101	40	30	16	30%	40%	39	18	39%	45%
	Probation	14	11	2	1	14%	9%	3	2	21%	18%
	Disqualified	12	1	3		25%		4		33%	
	Total	**127**	**52**	**35**	**17**	**28%**	**33%**	**46**	**20**	**36%**	**38%**
Fall 2019	Good Standing	106	73	22	15	21%	21%				
	Probation	29	20	5	2	17%	10%				
	Disqualified	7	6		2		33%				
	Total	**142**	**99**	**27**	**19**	**19%**	**19%**				
Grand Total		**269**	**151**	**62**	**36**	**23%**	**24%**	**46**	**20**	**36%**	**38%**
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 328
MATH 119 Term Course Repetition Outcomes by Academic Standing

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Good Standing	31	16	23	13	74%	81%	18	10	58%	63%
	Probation	2	1	1	0	50%	0%	1	0	50%	0%
	Disqualified	3		3		100%		2		67%	
Grand Total		**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
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.

MATH 119 & 119X Outcomes & Persistence by DSPS Status

Table 329
MATH 119 Cohort Outcomes by DSPS Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Spring 2019	DSPS	23	12	20	7	87%	58%	14	2	61%	17%
	Not DSPS	347	103	295	84	85%	82%	229	61	66%	59%
	Total	**370**	**115**	**315**	**91**	**85%**	**79%**	**243**	**63**	**66%**	**55%**
Fall 2019	DSPS	11	32	9	27	82%	84%	8	14	73%	44%
	Unknown	384	178	310	158	81%	89%	245	97	64%	54%
	Total	**395**	**210**	**319**	**185**	**81%**	**88%**	**253**	**111**	**64%**	**53%**
Grand Total		**765**	**325**	**634**	**276**	**83%**	**85%**	**496**	**174**	**65%**	**54%**
Benchmark	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 330
MATH 119 Persistence Rates by DSPS Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persitence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	DSPS	23	12	7	8	30%	67%	9	9	39%	75%
	Not DSPS	347	103	69	26	20%	25%	93	34	27%	33%
	Total	**370**	**115**	**76**	**34**	**21%**	**30%**	**102**	**43**	**28%**	**37%**
Fall 2019	DSPS	11	32	4	8	36%	25%				
	Unknown	384	178	76	32	20%	18%				
	Total	**395**	**210**	**80**	**40**	**20%**	**19%**				
Grand Total		**765**	**325**	**156**	**74**	**20%**	**23%**	**102**	**43**	**28%**	**37%**
Benchmark	DSPS	132		36		27%		44		33%	
	Not DSPS	2,697		701		26%		907		34%	
Grand Total		**2,829**		**737**		**26%**		**951**		**34%**	

Table 331
MATH 119 Term Persistent Enrollment Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	DSPS	10	13	7	9	70%	69%	6	6	60%	46%
	Not DSPS	87	36	68	31	78%	86%	55	26	63%	72%
Grand Total		**97**	**49**	**75**	**40**	**77%**	**82%**	**61**	**32**	**63%**	**65%**
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 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 332
MATH 119 Course Repetition Rates by DSPS Status

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	DSPS	9	10	4	6	44%	60%	4	6	44%	60%
	Not DSPS	118	42	31	11	26%	26%	42	14	36%	33%
	Total	**127**	**52**	**35**	**17**	**28%**	**33%**	**46**	**20**	**36%**	**38%**
Fall 2019	DSPS	3	18	2	6	67%	33%				
	Unknown	139	81	25	13	18%	16%				
	Total	**142**	**99**	**27**	**19**	**19%**	**19%**				
Grand Total		**269**	**151**	**62**	**36**	**23%**	**24%**	**46**	**20**	**36%**	**38%**
Benchmark	DSPS	33		9		27%		13		39%	
	Not DSPS	760		196		26%		291		38%	
Grand Total		**793**		**205**		**26%**		**304**		**38%**	

Table 333
MATH 119 Term Course Repetition Outcomes by DSPS Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	DSPS	5	6	4	5	80%	83%	3	2	60%	33%
	Not DSPS	31	11	23	8	74%	73%	18	8	58%	73%
Grand Total		**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
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.

MATH 119 & 119X Outcomes & Persistence by First Generation Status

Table 334
MATH 119 Cohort Outcomes by First Generation Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Spring 2019	First Gen.	82	34	72	28	88%	82%	52	19	63%	56%
	Not First Gen.	288	81	243	63	84%	78%	191	44	66%	54%
	Total	**370**	**115**	**315**	**91**	**85%**	**79%**	**243**	**63**	**66%**	**55%**
Fall 2019	First Gen.	19	12	14	9	74%	75%	8	3	42%	25%
	Not First Gen.	68	31	54	25	79%	81%	39	15	57%	48%
	Unknown	308	167	251	151	81%	90%	206	93	67%	56%
	Total	**395**	**210**	**319**	**185**	**81%**	**88%**	**253**	**111**	**64%**	**53%**
Grand Total		**765**	**325**	**634**	**276**	**83%**	**85%**	**496**	**174**	**65%**	**54%**
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 335
MATH 119 Persistence Rates by First Generation Status

Cohort	Group	Cohort Headcount Not X	X	Term Persistence Count Not X	X	Term Persistence Rate Not X	X	Annual Persitence Count Not X	X	Annual Persistence Rate Not X	X
Spring 2019	First Gen.	82	34	18	4	22%	12%	23	9	28%	26%
	Not First Gen.	288	81	58	30	20%	37%	79	34	27%	42%
	Total	**370**	**115**	**76**	**34**	**21%**	**30%**	**102**	**43**	**28%**	**37%**
Fall 2019	First Gen.	19	12	3	1	16%	8%				
	Not First Gen.	68	31	16	2	24%	6%				
	Unknown	308	167	61	37	20%	22%				
	Total	**395**	**210**	**80**	**40**	**20%**	**19%**				
Grand Total		**765**	**325**	**156**	**74**	**20%**	**23%**	**102**	**43**	**28%**	**37%**

Cohort	Group	Cohort Headcount	Term Persistence Count	Term Persistence Rate	Annual Persitence Count	Annual Persistence Rate
Benchmark	Unknown	1				
	First Gen.	624	159	25%	201	32%
	Not First Gen.	2,204	578	26%	750	34%
Grand Total		**2,829**	**737**	**26%**	**951**	**34%**

Table 336
MATH 119 Term Persistent Enrollment Outcomes by First Generation Status

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Spring 2019	First Gen.	22	6	17	6	77%	100%	14	4	64%	67%
	Not First Gen.	75	43	58	34	77%	79%	47	28	63%	65%
Grand Total		**97**	**49**	**75**	**40**	**77%**	**82%**	**61**	**32**	**63%**	**65%**

Cohort	Group	Enrollment	Retention Count	Retention Rate	Success Count	Success Rate
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 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 337
MATH 119 Course Repetition Rates by First Generation Status

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Spring 2019	First Gen.	30	15	9	2	30%	13%	11	4	37%	27%
	Not First Gen.	97	37	26	15	27%	41%	35	16	36%	43%
	Total	**127**	**52**	**35**	**17**	**28%**	**33%**	**46**	**20**	**36%**	**38%**
Fall 2019	First Gen.	11	9	1		9%					
	Not First Gen.	29	16	7		24%					
	Unknown	102	74	19	19	19%	26%				
	Total	**142**	**99**	**27**	**19**	**19%**	**19%**				
Grand Total		**269**	**151**	**62**	**36**	**23%**	**24%**	**46**	**20**	**36%**	**38%**
Benchmark	First Gen.	173		38		22%		56		32%	
	Not First Gen.	619		167		27%		248		40%	
	Unknown	1									
Grand Total		**793**		**205**		**26%**		**304**		**38%**	

Table 338
MATH 119 Term Course Repetition Outcomes by First Generation Status

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Spring 2019	First Gen.	9	2	8	2	89%	100%	8	1	89%	50%
	Not First Gen.	27	15	19	11	70%	73%	13	9	48%	60%
Grand Total		**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
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.

MATH 119 & 119X Outcomes & Persistence by Foster Youth Status

Table 339
MATH 119 Cohort Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Foster Youth	7	4	6	4	86%	100%	5	2	71%	50%
	Not Foster Youth	363	111	309	87	85%	78%	238	61	66%	55%
	Total	**370**	**115**	**315**	**91**	**85%**	**79%**	**243**	**63**	**66%**	**55%**
Fall 2019	Foster Youth	1		1		100%		0		0%	
	Not Foster Youth	394	210	318	185	81%	88%	253	111	64%	53%
	Total	**395**	**210**	**319**	**185**	**81%**	**88%**	**253**	**111**	**64%**	**53%**
Grand Total		**765**	**325**	**634**	**276**	**83%**	**85%**	**496**	**174**	**65%**	**54%**
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 340
MATH 119 Persistence Rates by Foster Youth Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Foster Youth	7	4		1		25%		1		25%
	Not Foster Youth	363	111	76	33	21%	30%	102	42	28%	38%
	Total	**370**	**115**	**76**	**34**	**21%**	**30%**	**102**	**43**	**28%**	**37%**
Fall 2019	Foster Youth	1									
	Not Foster Youth	394	210	80	40	20%	19%				
	Total	**395**	**210**	**80**	**40**	**20%**	**19%**				
Grand Total		**765**	**325**	**156**	**74**	**20%**	**23%**	**102**	**43**	**28%**	**37%**

Cohort	Group	Cohort Headcount	Term Persistence Count	Term Persistence Rate	Annual Persistence Count	Annual Persistence Rate
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 341
MATH 119 Term Persistent Enrollment Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Foster Youth		2		0		0%		0		0%
	Not Foster Youth	97	47	75	40	77%	85%	61	32	63%	68%
Grand Total		**97**	**49**	**75**	**40**	**77%**	**82%**	**61**	**32**	**63%**	**65%**

Cohort	Group	Enrollment	Retention Count	Retention Rate	Success Count	Success Rate
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 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 342
MATH 119 Course Repetition Rates by Foster Youth Status

Cohort	Group	Headcount of Failed		Term Repetition Count		Term Repetition Rate		Annual Repetition Count		Annual Repetition Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Foster Youth	2	2		1		50%		1		50%
	Not Foster Youth	125	50	35	16	28%	32%	46	19	37%	38%
	Total	**127**	**52**	**35**	**17**	**28%**	**33%**	**46**	**20**	**36%**	**38%**
Fall 2019	Foster Youth	1									
	Not Foster Youth	141	99	27	19	19%	19%				
	Total	**142**	**99**	**27**	**19**	**19%**	**19%**				
Grand Total		**269**	**151**	**62**	**36**	**23%**	**24%**	**46**	**20**	**36%**	**38%**
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 343
MATH 119 Term Course Repetition Outcomes by Foster Youth Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Foster Youth		1		0		0%		0		0%
	Not Foster Youth	36	16	27	13	75%	81%	21	10	58%	63%
Grand Total		**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
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.

MATH 119 & 119X Outcomes & Persistence by Military Status

Table 344
MATH 119 Cohort Outcomes by Military Status

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**	**Not X**	**X**
Spring 2019	Not Veteran/Active Duty	326	96	277	74	85%	77%	217	48	67%	50%
	Veteran/Active Duty	44	19	38	17	86%	89%	26	15	59%	79%
	Total	**370**	**115**	**315**	**91**	**85%**	**79%**	**243**	**63**	**66%**	**55%**
Fall 2019	Not Veteran/Active Duty	347	192	280	172	81%	90%	221	100	64%	52%
	Veteran/Active Duty	48	18	39	13	81%	72%	32	11	67%	61%
	Total	**395**	**210**	**319**	**185**	**81%**	**88%**	**253**	**111**	**64%**	**53%**
Grand Total		**765**	**325**	**634**	**276**	**83%**	**85%**	**496**	**174**	**65%**	**54%**
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 345
MATH 119 Persistence Rates by Military Status

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Not Veteran/Active Duty	326	96	70	29	21%	30%	94	36	29%	38%
	Veteran/Active Duty	44	19	6	5	14%	26%	8	7	18%	37%
	Total	**370**	**115**	**76**	**34**	**21%**	**30%**	**102**	**43**	**28%**	**37%**
Fall 2019	Not Veteran/Active Duty	347	192	75	37	22%	19%				
	Veteran/Active Duty	48	18	5	3	10%	17%				
	Total	**395**	**210**	**80**	**40**	**20%**	**19%**				
Grand Total		**765**	**325**	**156**	**74**	**20%**	**23%**	**102**	**43**	**28%**	**37%**
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 346
MATH 119 Term Persistent Enrollment Outcomes by Military Status

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Not Veteran/Active Duty	88	42	67	33	76%	79%	54	27	61%	64%
	Veteran/Active Duty	9	7	8	7	89%	100%	7	5	78%	71%
Grand Total		**97**	**49**	**75**	**40**	**77%**	**82%**	**61**	**32**	**63%**	**65%**
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 347
MATH 119 Course Repetition Rates by Military Status

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Spring 2019	Not Veteran/Active Duty	109	48	33	16	30%	33%	42	18	39%	38%
	Veteran/Active Duty	18	4	2	1	11%	25%	4	2	22%	50%
	Total	**127**	**52**	**35**	**17**	**28%**	**33%**	**46**	**20**	**36%**	**38%**
Fall 2019	Not Veteran/Active Duty	126	92	27	18	21%	20%				
	Veteran/Active Duty	16	7		1		14%				
	Total	**142**	**99**	**27**	**19**	**19%**	**19%**				
Grand Total		**269**	**151**	**62**	**36**	**23%**	**24%**	**46**	**20**	**36%**	**38%**
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 348
MATH 119 Term Course Repetition Outcomes by Military Status

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Spring 2019	Not Veteran/Active Duty	34	16	25	12	74%	75%	19	9	56%	56%
	Veteran/Active Duty	2	1	2	1	100%	100%	2	1	100%	100%
Grand Total		**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
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.

MATH 119 & 119X Outcomes & Persistence by Section Modality

Table 349
MATH 119 Cohort Outcomes by Section Modality

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Day	245	85	225	63	92%	74%	177	40	72%	47%
	Evening	41	30	40	28	98%	93%	31	23	76%	77%
	Online	84		50		60%		35		42%	
	Total	**370**	**115**	**315**	**91**	**85%**	**79%**	**243**	**63**	**66%**	**55%**
Fall 2019	Day	224	165	199	147	89%	89%	154	89	69%	54%
	Evening	103	45	82	38	80%	84%	69	22	67%	49%
	Online	68		38		56%		30		44%	
	Total	**395**	**210**	**319**	**185**	**81%**	**88%**	**253**	**111**	**64%**	**53%**
Grand Total		**765**	**325**	**634**	**276**	**83%**	**85%**	**496**	**174**	**65%**	**54%**
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 350
MATH 119 Persistence Rates by Section Modality

Cohort	Group	Cohort Headcount Not X	X	Term Persistence Count Not X	X	Term Persistence Rate Not X	X	Annual Persitence Count Not X	X	Annual Persistence Rate Not X	X
Spring 2019	Day	245	85	57	29	23%	34%	72	36	29%	42%
	Evening	41	30	4	5	10%	17%	10	7	24%	23%
	Online	84		15		18%		20		24%	
	Total	**370**	**115**	**76**	**34**	**21%**	**30%**	**102**	**43**	**28%**	**37%**
Fall 2019	Day	224	165	55	30	25%	18%				
	Evening	103	45	9	10	9%	22%				
	Online	68		16		24%					
	Total	**395**	**210**	**80**	**40**	**20%**	**19%**				
Grand Total		**765**	**325**	**156**	**74**	**20%**	**23%**	**102**	**43**	**28%**	**37%**
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 351
MATH 119 Term Persistent Enrollment Outcomes by Section Modality

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Spring 2019	Day	75	41	60	37	80%	90%	49	29	65%	71%
	Evening	5	8	4	3	80%	38%	4	3	80%	38%
	Online	17		11		65%		8		47%	
Grand Total		**97**	**49**	**75**	**40**	**77%**	**82%**	**61**	**32**	**63%**	**65%**
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%**	

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 352
MATH 119 Course Repetition Rates by Section Modality

Cohort	Group	Headcount of Failed Not X	X	Term Repetition Count Not X	X	Term Repetition Rate Not X	X	Annual Repetition Count Not X	X	Annual Repetition Rate Not X	X
Spring 2019	Day	68	45	16	15	24%	33%	23	18	34%	40%
	Evening	10	7	4	2	40%	29%	4	2	40%	29%
	Online	49		15		31%		19		39%	
	Total	**127**	**52**	**35**	**17**	**28%**	**33%**	**46**	**20**	**36%**	**38%**
Fall 2019	Day	70	76	17	12	24%	16%				
	Evening	34	23	2	7	6%	30%				
	Online	38		8		21%					
	Total	**142**	**99**	**27**	**19**	**19%**	**19%**				
Grand Total		**269**	**151**	**62**	**36**	**23%**	**24%**	**46**	**20**	**36%**	**38%**
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 353
MATH 119 Term Course Repetition Outcomes by Section Modality

Cohort	Group	Enrollment Not X	X	Retention Count Not X	X	Retention Rate Not X	X	Success Count Not X	X	Success Rate Not X	X
Spring 2019	Day	16	15	13	13	81%	87%	10	10	63%	67%
	Evening	4	2	3	0	75%	0%	3	0	75%	0%
	Online	16		11		69%		8		50%	
Grand Total		**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
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.

MATH 119 & 119X Outcomes & Persistence by Student Type

Table 354
MATH 119 Cohort Outcomes by Student Type

Cohort	Group	Enrollment		Cohort Retention Count		Cohort Retention Rate		Cohort Success Count		Cohort Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Day Only	233	85	213	63	91%	74%	166	40	71%	47%
	Day/Evening	9	2	9	2	100%	100%	8	2	89%	100%
	Evening Only	40	28	39	26	98%	93%	31	21	78%	75%
	On-Campus/Online	7		6		86%		5		71%	
	Online Only	81		48		59%		33		41%	
	Total	**370**	**115**	**315**	**91**	**85%**	**79%**	**243**	**63**	**66%**	**55%**
Fall 2019	Day Only	213	153	189	136	89%	89%	146	82	69%	54%
	Day/Evening	18	10	16	8	89%	80%	13	6	72%	60%
	Evening Only	82	37	65	32	79%	86%	54	17	66%	46%
	On-Campus/Online	8	4	5	4	63%	100%	4	3	50%	75%
	Online Only	63		35		56%		29		46%	
	Unknown	11	6	9	5	82%	83%	7	3	64%	50%
	Total	**395**	**210**	**319**	**185**	**81%**	**88%**	**253**	**111**	**64%**	**53%**
Grand Total		**765**	**325**	**634**	**276**	**83%**	**85%**	**496**	**174**	**65%**	**54%**
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 355
MATH 119 Persistence Rates by Student Type

Cohort	Group	Cohort Headcount		Term Persistence Count		Term Persistence Rate		Annual Persistence Count		Annual Persistence Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Day Only	233	85	53	29	23%	34%	68	36	29%	42%
	Day/Evening	9	2	4		44%		4	1	44%	50%
	Evening Only	40	28	3	5	8%	18%	9	6	23%	21%
	On-Campus/Online	7		1		14%		1		14%	
	Online Only	81		15		19%		20		25%	
	Total	**370**	**115**	**76**	**34**	**21%**	**30%**	**102**	**43**	**28%**	**37%**
Fall 2019	Day Only	213	153	52	29	24%	19%				
	Day/Evening	18	10	3	2	17%	20%				
	Evening Only	82	37	7	9	9%	24%				
	On-Campus/Online	8	4	2		25%					
	Online Only	63		16		25%					
	Unknown	11	6								
	Total	**395**	**210**	**80**	**40**	**20%**	**19%**				
Grand Total		**765**	**325**	**156**	**74**	**20%**	**23%**	**102**	**43**	**28%**	**37%**
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 356
MATH 119 Term Persistent Enrollment Outcomes by Student Type

Cohort	Group	Enrollment Not X	Enrollment X	Retention Count Not X	Retention Count X	Retention Rate Not X	Retention Rate X	Success Count Not X	Success Count X	Success Rate Not X	Success Rate X
Spring 2019	Day Only	71	41	58	37	82%	90%	47	29	66%	71%
	Day/Evening	5		3		60%		3		60%	
	Evening Only	3	8	2	3	67%	38%	2	3	67%	38%
	On-Campus/Online	1		1		100%		1		100%	
	Online Only	17		11		65%		8		47%	
Grand Total		**97**	**49**	**75**	**40**	**77%**	**82%**	**61**	**32**	**63%**	**65%**
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 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 357
MATH 119 Course Repetition Rates by Student Type

Cohort	Group	Headcount of Failed Not X	Headcount of Failed X	Term Repetition Count Not X	Term Repetition Count X	Term Repetition Rate Not X	Term Repetition Rate X	Annual Repetition Count Not X	Annual Repetition Count X	Annual Repetition Rate Not X	Annual Repetition Rate X
Spring 2019	Day Only	67	45	16	15	24%	33%	23	18	34%	40%
	Day/Evening	1		1		100%		1		100%	
	Evening Only	9	7	3	2	33%	29%	3	2	33%	29%
	On-Campus/Online	2									
	Online Only	48		15		31%		19		40%	
	Total	**127**	**52**	**35**	**17**	**28%**	**33%**	**46**	**20**	**36%**	**38%**
Fall 2019	Day Only	67	71	15	12	22%	17%				
	Day/Evening	5	4	1		20%					
	Evening Only	28	20	2	7	7%	35%				
	On-Campus/Online	4	1	1		25%					
	Online Only	34		8		24%					
	Unknown	4	3								
	Total	**142**	**99**	**27**	**19**	**19%**	**19%**				
Grand Total		**269**	**151**	**62**	**36**	**23%**	**24%**	**46**	**20**	**36%**	**38%**
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 358
MATH 119 Term Course Repetition Outcomes by Student Type

Cohort	Group	Enrollment		Retention Count		Retention Rate		Success Count		Success Rate	
		Not X	X	Not X	X	Not X	X	Not X	X	Not X	X
Spring 2019	Day Only	16	15	13	13	81%	87%	10	10	63%	67%
	Day/Evening	1		1		100%		1		100%	
	Evening Only	3	2	2	0	67%	0%	2	0	67%	0%
	Online Only	16		11		69%		8		50%	
	Total	**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
Grand Total		**36**	**17**	**27**	**13**	**75%**	**76%**	**21**	**10**	**58%**	**59%**
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.