

**C2. Math 55 Students' Completion Rates in Math 38**

The ratio of students who successfully completed Math 38 within one year and a half of successfully completing Math 55/55B/55Y

Aggregated Data: Fall 2010 to Fall 2015 (11Cohorts)

\*Highlighted student groups were disproportionately less likely to succeed in course.

	Succeeded in Math 55	Succeeded in Math 38	Succeeded in Math 38 Rate	
<b>Gender</b>	<b>Cohort Count</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Percentage Point Gap</b>
Female	1,480	114	7.7%	-5
Male	1,327	248	18.7%	6
Unknown	26	2	7.7%	-5
<b>Total</b>	<b>2,833</b>	<b>364</b>	<b>12.8%</b>	

	Succeeded in Math 55	Succeeded in Math 38	Succeeded in Math 38 Rate	
<b>Ethnicity</b>	<b>Cohort Count</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Percentage Point Gap</b>
African-American	78	7	9.0%	-4
Asian	305	68	22.3%	9
Filipino	148	16	10.8%	-2
Latino	786	97	12.3%	-1
Native American	~	~	~	~
Pacific Islander	24	3	12.5%	0
White	1,279	153	12.0%	-1
Multi-Ethnic	150	16	10.7%	-2
Unknown	59	4	6.8%	-6
<b>Total</b>	<b>2,833</b>	<b>364</b>	<b>12.8%</b>	

	Succeeded in Math 55	Succeeded in Math 38	Succeeded in Math 38 Rate	
<b>Disability Status</b>	<b>Cohort Count</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Percentage Point Gap</b>
No Disability	2,634	344	13.1%	0
Person w/ Disability	199	20	10.1%	-3
<b>Total</b>	<b>2,833</b>	<b>364</b>	<b>12.8%</b>	

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	Succeeded in Math 55	Succeeded in Math 38	Succeeded in Math 38 Rate	
<b>Foster Youth Status</b>	<b>Cohort Count</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Percentage Point Gap</b>
Not Foster Youth	2,776	359	12.9%	0
Foster Youth	57	5	8.8%	-4
<b>Total</b>	<b>2,833</b>	<b>364</b>	<b>12.8%</b>	

	Succeeded in Math 55	Succeeded in Math 38	Succeeded in Math 38 Rate	
<b>Low Income Status</b>	<b>Cohort Count</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Percentage Point Gap</b>
Not Low Income	1,714	227	13.2%	0
Low Income	1,119	137	12.2%	-1
<b>Total</b>	<b>2,833</b>	<b>364</b>	<b>12.8%</b>	

	Succeeded in Math 55	Succeeded in Math 38	Succeeded in Math 38 Rate	
<b>Veterans Status</b>	<b>Cohort Count</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Percentage Point Gap</b>
Non-Veteran	2,711	341	12.6%	0
Veteran	122	23	18.9%	6
<b>Total</b>	<b>2,833</b>	<b>364</b>	<b>12.8%</b>	

**Note:** 'More than one race' category was introduced to the IR Dataset in Fall 2011. Race-Ethnicity data does not include 'unknown' category.

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

**Cohort:** All transfer-seeking students who succeeded in Intermediate Algebra (Math 55, 55B, or 55Y) in the fall or spring semester.

**Outcome:** Succeeded (grade of 'A', 'B', 'C', 'CR', or 'P') in Math 38 within a year and a half.

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





Number of Students Lost

Equity Gap	Student Group	Gap in comparison to the Average (%)	MATH 55 Students (All Cohorts)	# of AY Cohorts	Gap (decimal)	Multiply (X)	the average # of students who successfully completed MATH 55 during an AY	=	Annual Number of Students "Lost"
		<i>A</i>	<i>B</i>	<i>C</i>	<i>A</i>	<i>x</i>	<i>B/C</i>	=	<i>D</i>
Largest Gap	Female	-5	1,480	5.5	0.05	x	269	=	<b>12</b>
Second Largest	African-American	-4	78	5.5	0.04	x	14	=	<b>0.5</b>
Third Largest	Foster Youth	-4	57	5.5	0.04	x	10	=	<b>0.4</b>

Notes: Students (column *B*) who succeeded in MATH 55/55B/55Y in all aggregated cohorts; column "*B/C*" is the average number of students per academic year (heacount / # of cohorts). The annual number of students lost (*D*) is the number of student which, if they successfully completed MATH 38, would have closed the equity gap.