

El Camino College

California Benchmarking Project

Fall 2013



The California Benchmarking Project (CBP) is a joint effort between the Center for Urban Education (CUE) at the University of Southern California and California Community Colleges to design strategies and tools to promote excellence in basic skills instruction and a strong transfer culture.

An important starting point, according to CUE, is to disaggregate course success rates by race/ethnicity. Large differences in success rates signal areas that require additional focus and provide program planners and leadership with additional information about student achievement.

CBP Summary: El Camino College

For the CBP, course outcomes for Reading, Writing, English as a Second Language (ESL), and Math courses were calculated for Fall 2013. Each course disaggregates success rates by student race/ethnicity¹.

In Reading and Writing courses, the success rates for African-American students fell below average in every course. All other racial/ethnic groups had success rates above average with the exception of Hispanic/Latino students in English-1A.

In ESL courses, the success rates for Hispanic/Latino students fell below average in every course except ESL 53A (Elementary Writing and Grammar). The Asian/Filipino/Pacific group is the majority in all ESL courses while there are low numbers of African and White students in these courses.

In Math courses, the success rates for African-American students fell below average in every course, ranging from 7% to 16%. Hispanic/Latino students have above average success rates in two basic skills Math courses (Math-12 and Math-40), but were at or below average in all remaining Math courses. Asian/Filipino/Pacific and Caucasian students were above average in every course.

CBP Comparison: Fall 2009-2013

Comparing Fall 2009, 2011, and Fall 2013 indicated no stable trends in success rates. Increased in success rates within each ethnic group was present, but was not shown to be statistically significant. The success gap between ethnicities decreased in several courses (e.g., Eng 1A and Math 150) and increased in others (e.g., Eng A and Math 40). This indicates no stable, general trend towards equal success rates between different ethnicities.

¹ All students qualified for the courses in which they enrolled either by a sufficient score on an assessment test or by passing the prerequisite course.

**El Camino College
California Benchmarking
Project: Course Outcomes by
Ethnicity**



El Camino College

**Table 1: Successful Course Completion* (SCC) Rates for English Reading and Writing
Fall 2013**

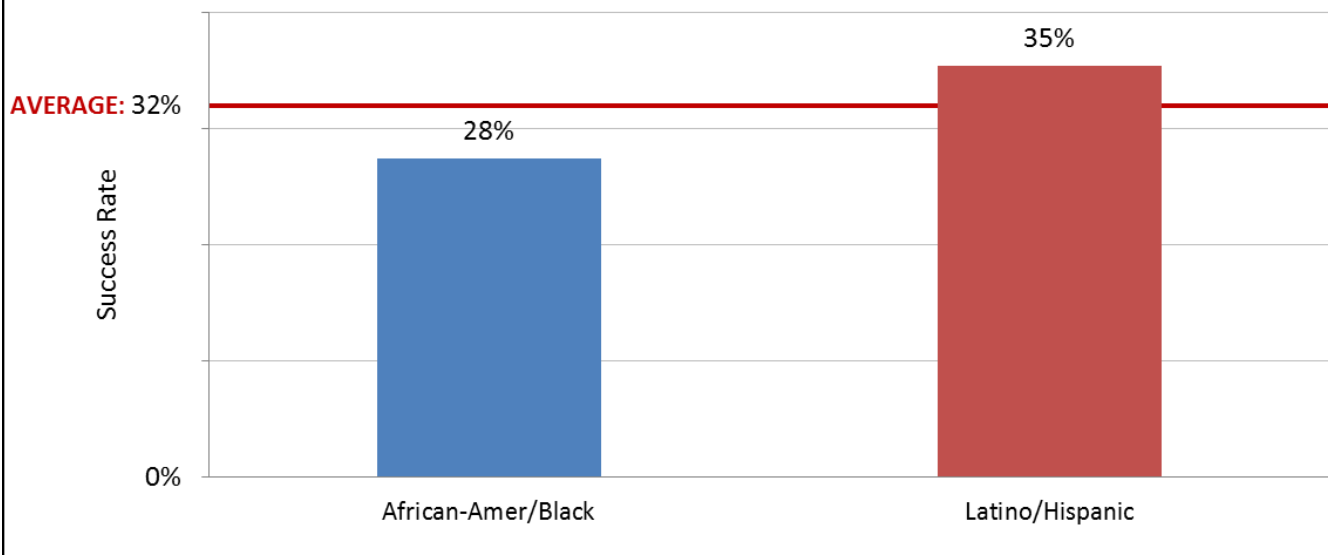
	Reading			Writing		ENGL-1A transfer level
	ENGL-80	ENGL-82	ENGL-84	ENGL-B	ENGL-A	
	3 levels below	2 levels below	1 level below	2 levels below	1 level below	
African- Amer/Black						
Number Enrolled	40	185	200	123	303	370
Success Number	11	96	107	69	155	214
Success Rate	27.5%	51.9%	53.5%	56.1%	51.2%	57.8%
Hispanic/Latino/a						
Number Enrolled	48	542	696	232	1105	1366
Success Number	17	346	473	170	722	899
Success Rate	35.4%	63.8%	68.0%	73.3%	65.3%	65.8%
Asian/Filipino/PI						
Number Enrolled	***	70	101	34	166	475
Success Number	***	55	77	25	134	377
Success Rate		78.6%	76.2%	73.5%	80.7%	79.4%
White						
Number Enrolled	***	48	65	21	117	328
Success Number	***	31	50	16	90	254
Success Rate		64.6%	76.9%	76.2%	76.9%	77.4%
Other**						
Number Enrolled	***	15	42	10	58	140
Success Number	***	9	29	6	36	100
Success Rate		60.0%	69.0%	60.0%	62.1%	71.4%
Total						
Number Enrolled	88	860	1,104	420	1,749	2,679
Success Number	28	537	736	286	1,137	1,844
Success Rate	31.8%	62.4%	66.7%	68.1%	65.0%	68.8%

* Course completion with a grade of C or better or a "pass" notation is considered "successful."

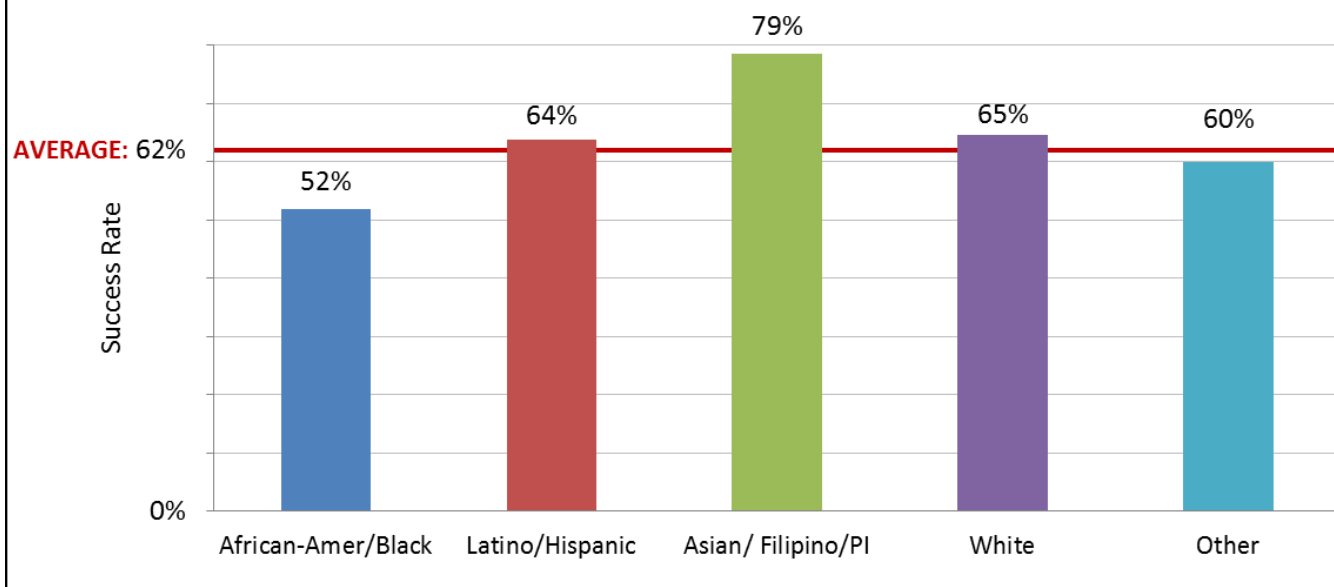
** "Other" group consist of "Native American", "Two or more races", and "Unknown" groups.

*** Groups with a total count per course of less than 10 have been suppressed.

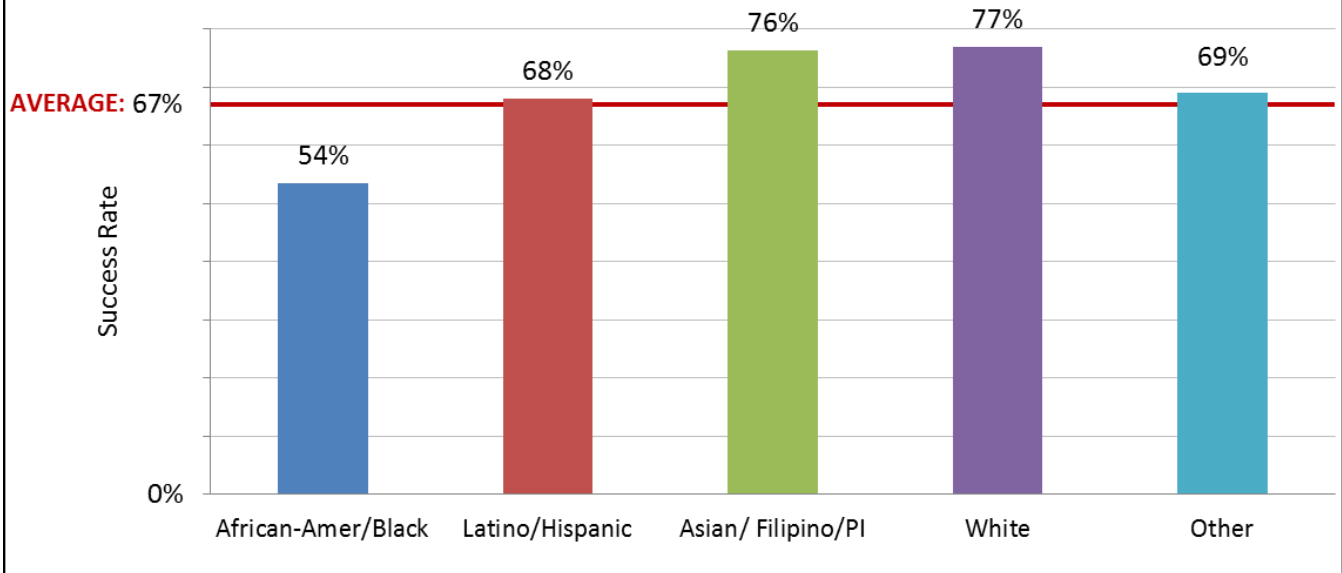
Successful Course Completion Rates for English 80 (Reading/3 Levels Below Transfer)



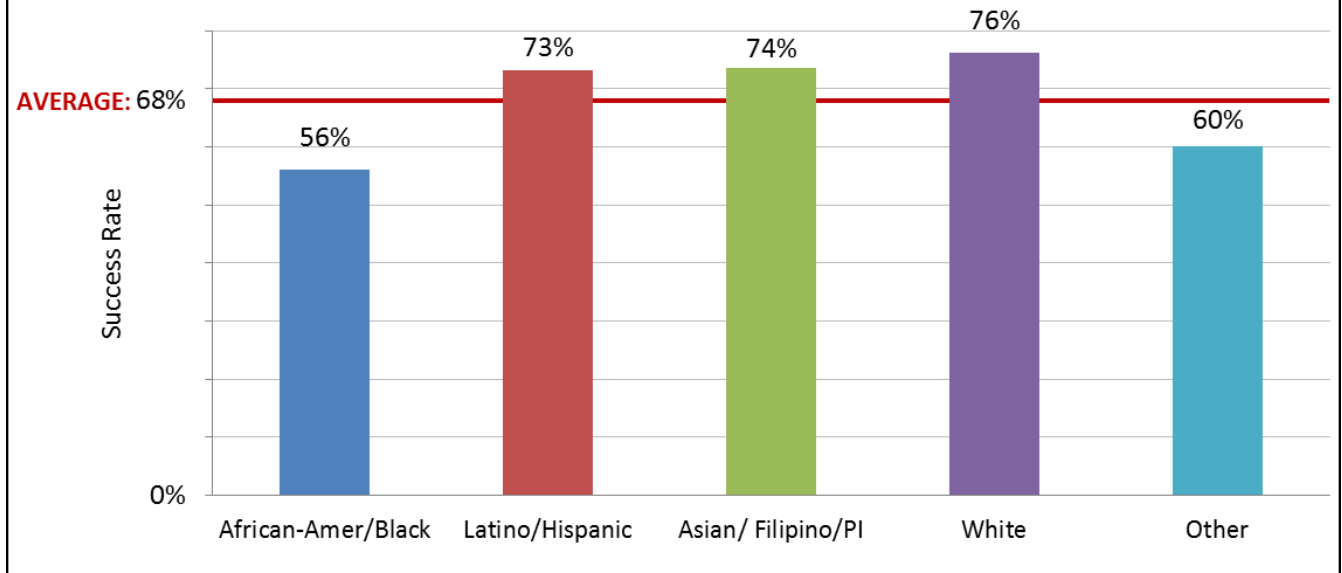
Successful Course Completion Rates for English 82 (Reading/2 Levels Below Transfer)



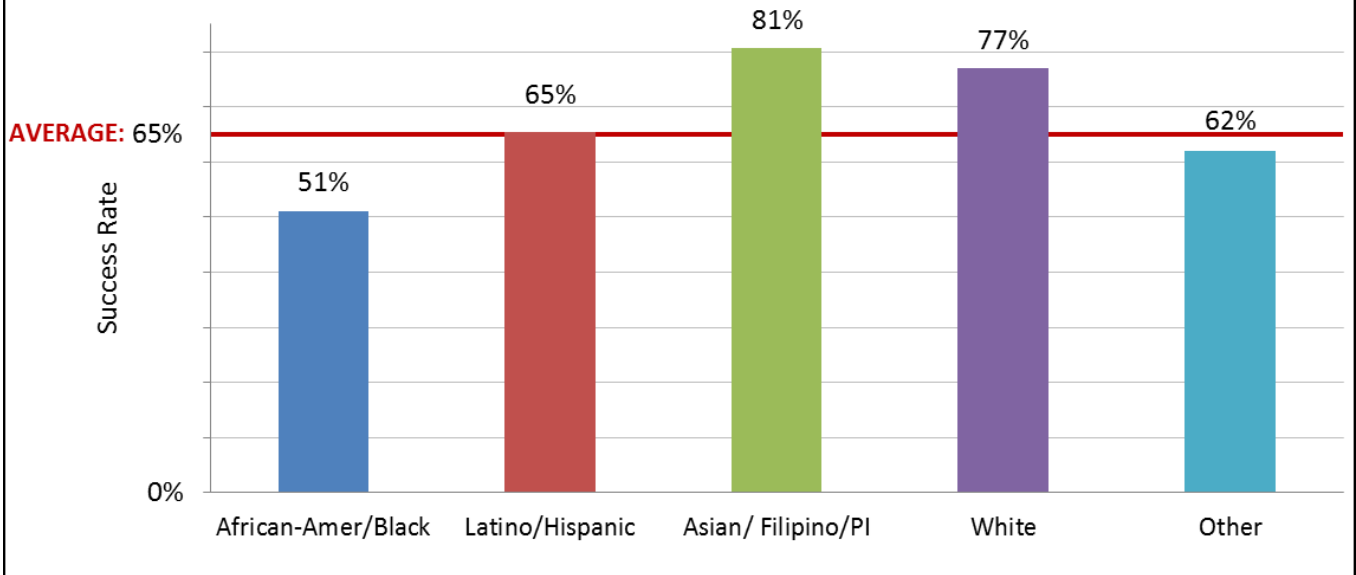
Successful Course Completion Rates for English 84 (Reading/1 Level Below Transfer)



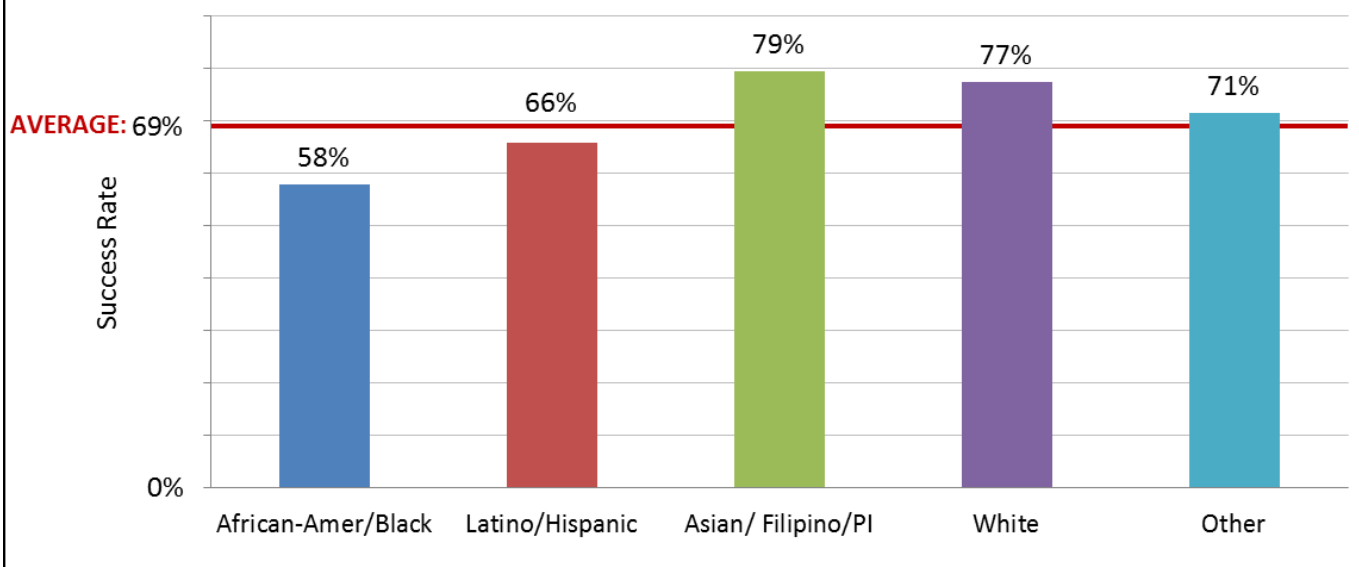
Successful Course Completion Rates for English B (Writing/2 Levels Below Transfer)



Successful Course Completion Rates for English A (Writing/1 Level Below Transfer)



Successful Course Completion Rates for English 1A (Transfer Level)



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Table 2: Successful Course Completion* (SCC) Rates for English as a Second Language (ESL)

Fall 2013

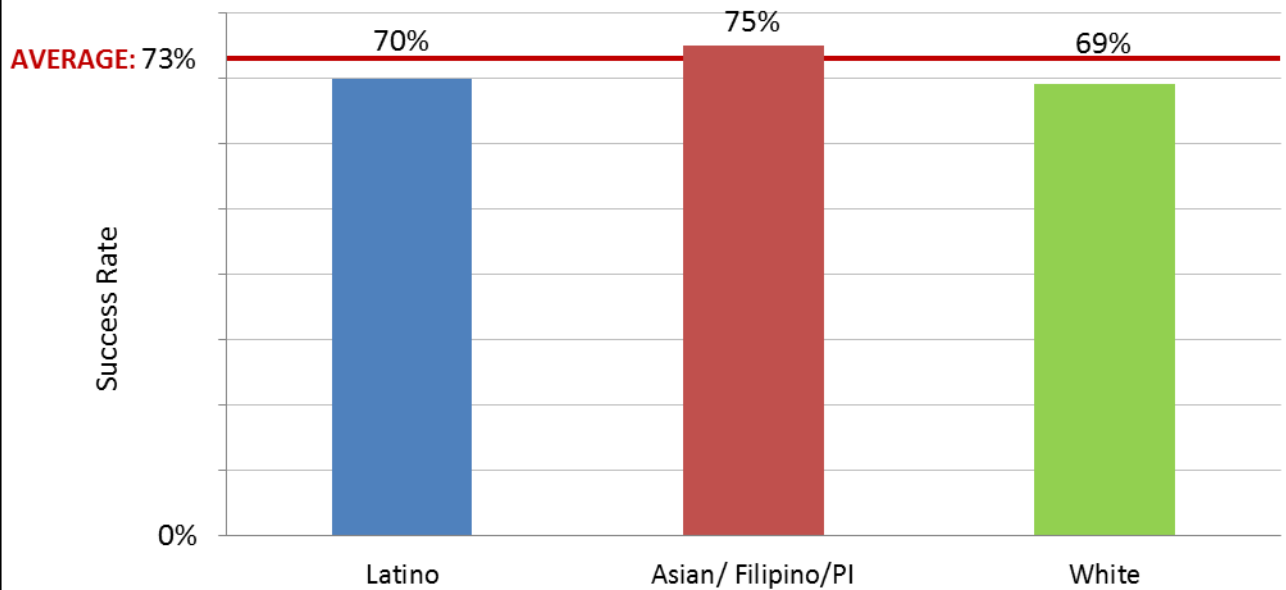
	Reading and Vocabulary			Writing and Grammar		
	ESL-52A	ESL-52B	ESL-52C	ESL-53A	ESL-53B	ESL-53C
	3 levels below	2 levels below	1 level below	3 levels below	2 levels below	1 level below
African						
Number Enrolled	***	***	***	***	***	***
Success Number	***	***	***	***	***	***
Success Rate						
Hispanic/Latino/a						
Number Enrolled	20	24	12	13	41	33
Success Number	14	18	5	9	32	18
Success Rate	70.0%	75.0%	41.7%	69.2%	78.0%	54.5%
Asian/Filipino/PI						
Number Enrolled	44	107	14	42	121	112
Success Number	33	94	8	26	101	72
Success Rate	75.0%	87.9%	57.1%	61.9%	83.5%	64.3%
Caucasian						
Number Enrolled	13	15	***	11	18	12
Success Number	9	14	***	8	14	9
Success Rate	69.2%	93.3%		72.7%	77.8%	75.0%
Other**						
Number Enrolled	***	***	***	***	***	***
Success Number	***	***	***	***	***	***
Success Rate						
Combined Group***						
Number Enrolled	***	***	***	***	***	***
Success Number	***	***	***	***	***	***
Success Rate						
Total						
Number Enrolled	77	146	26	66	180	157
Success Number	56	126	13	43	147	99
Success Rate	72.7%	86.3%	50.0%	65.2%	81.7%	63.1%

* Course completion with a grade of C or better or a "pass" notation is considered "successful."

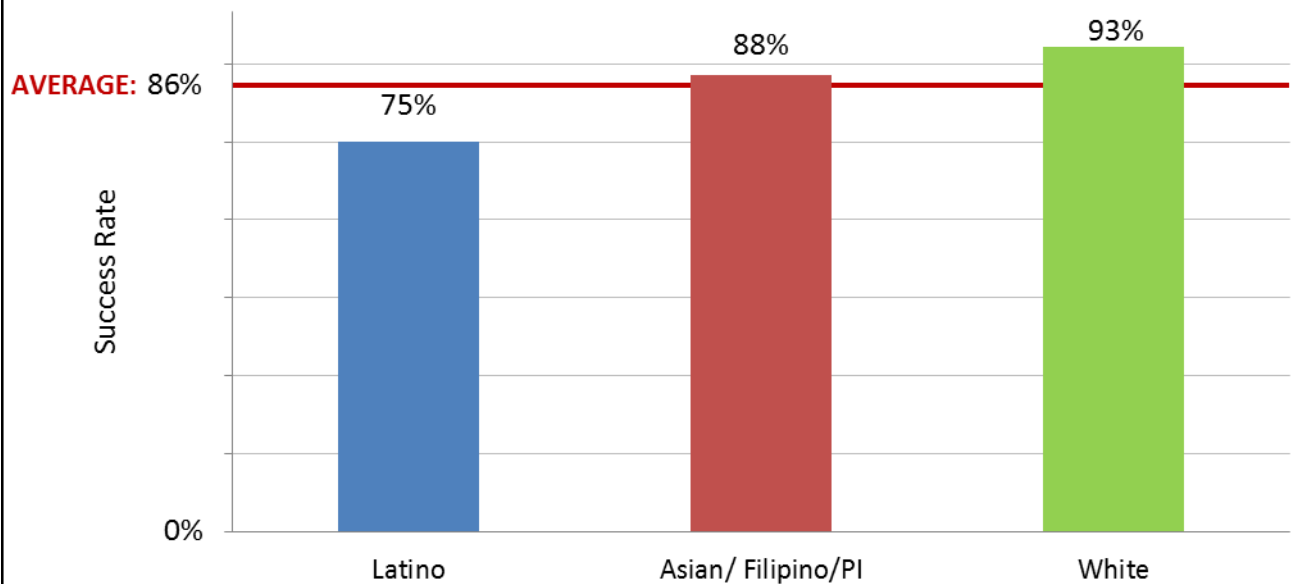
** "Other" group consist of "Native American", "Two or more races", and "Unknown" groups.

*** When ethnic/racial group count is less than 10, group is combined with the "Other" group to form a "Combined Group".

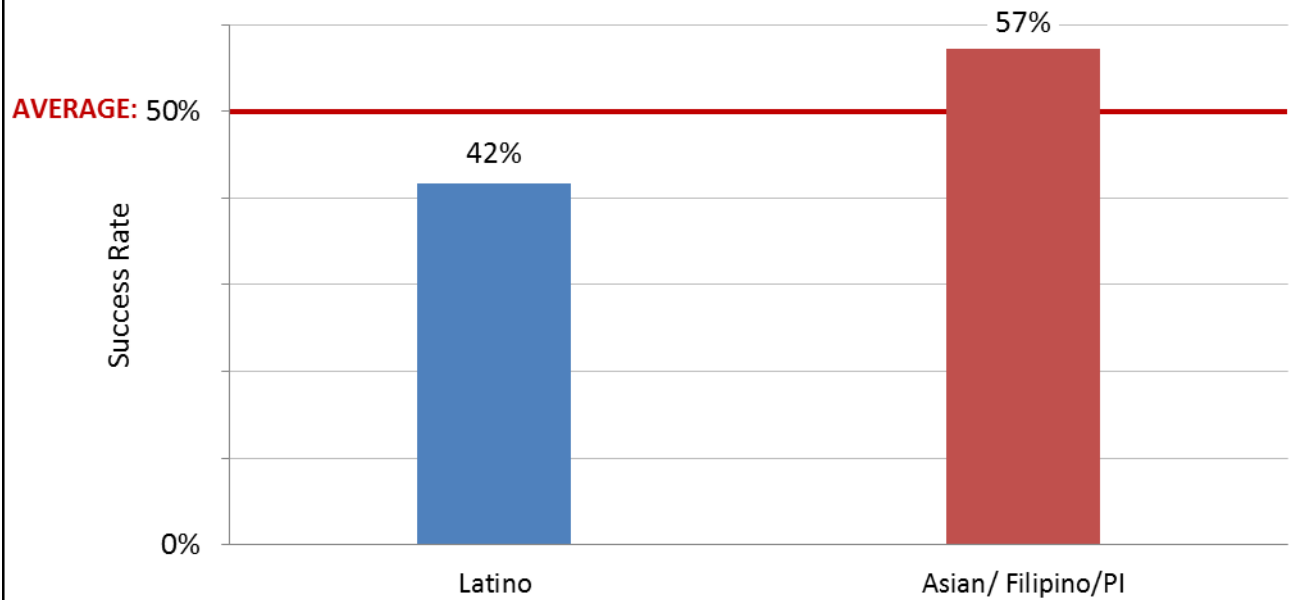
Successful Course Completion Rates for ESL-52A (Reading/3 Levels Below Transfer)



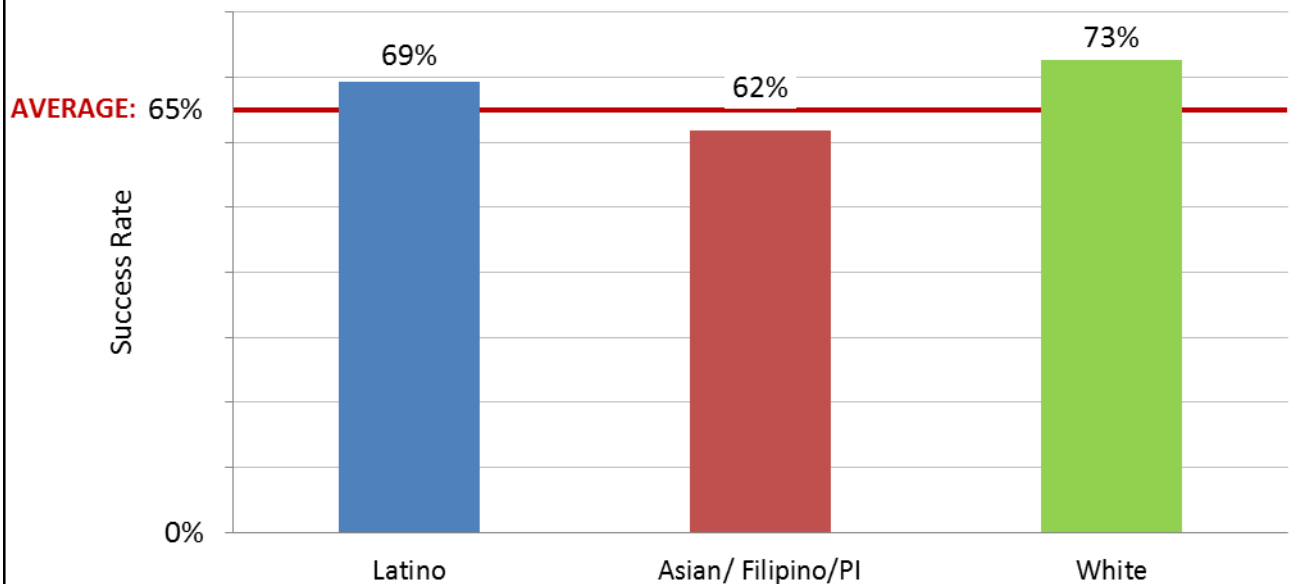
Successful Course Completion Rates for ESL-52B (Reading/2 Levels Below Transfer)



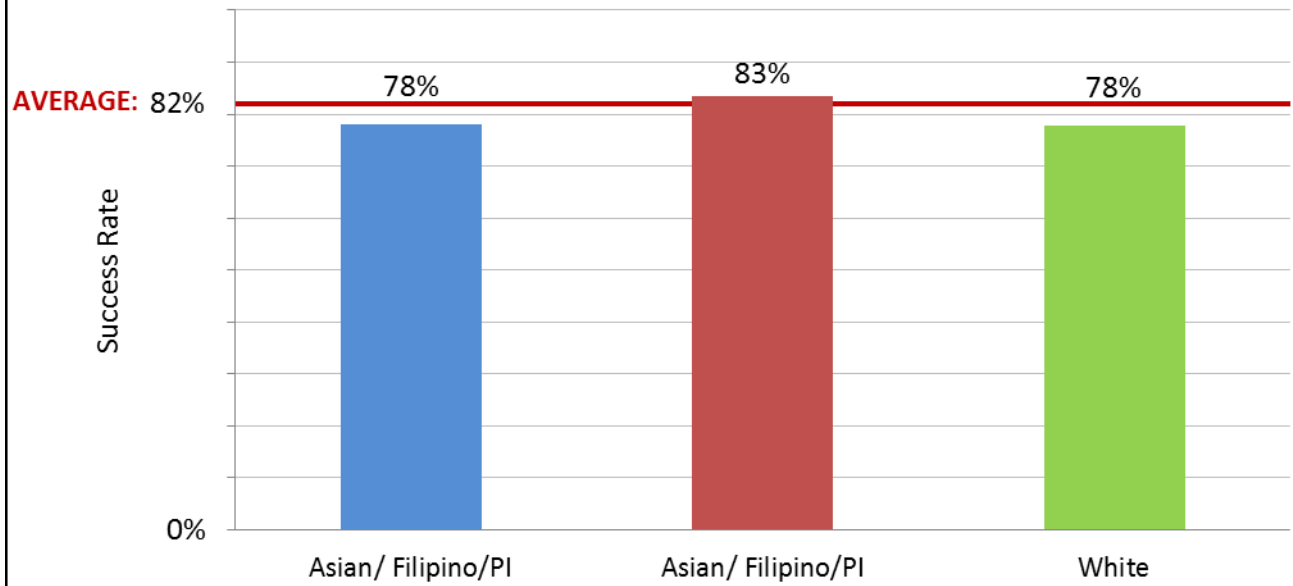
Successful Course Completion Rates for ESL-52C (Reading/1 Level Below Transfer)



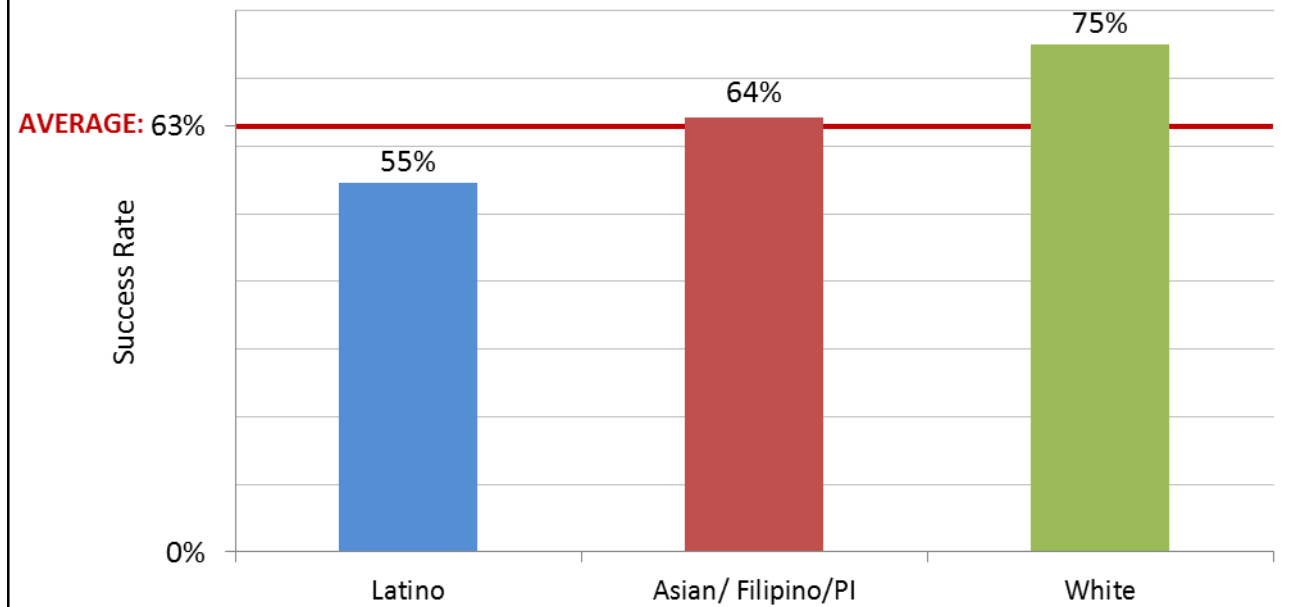
Successful Course Completion Rates for ESL-53A (Writing/3 Levels Below Transfer)



Successful Course Completion Rates for ESL-53B (Writing/2 Levels Below Transfer)



Successful Course Completion Rates for ESL-53C (Writing/1 Level Below Transfer)



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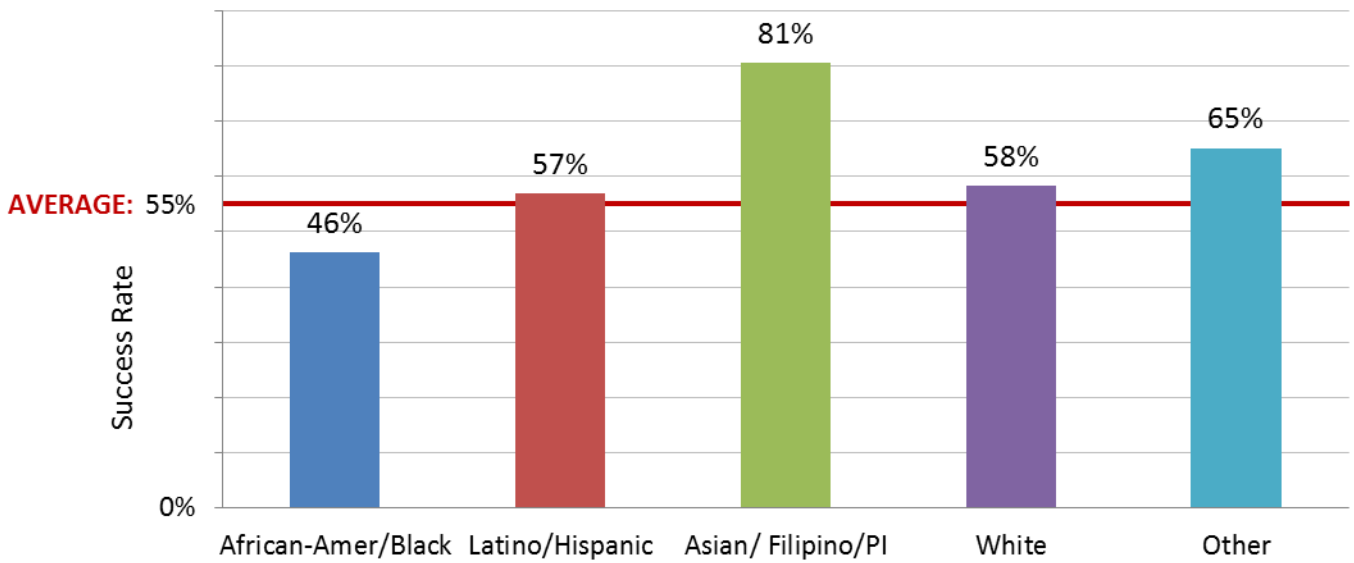
Table 3: Successful Course Completion* (SCC) Rates for Mathematics Fall 2013

	MATH-12	MATH-23	MATH-40	MATH-73	MATH-80	MATH-130	MATH-150	MATH-170
	4 levels below	3 levels below	2 levels below	1 level below	1 level below	transfer level	transfer level	transfer level
African-American/Black								
Number Enrolled	214	165	171	154	131	43	63	29
Success Number	99	68	56	61	46	16	27	13
Success Rate	46.3%	41.2%	32.7%	39.6%	35.1%	37.2%	42.9%	44.8%
Hispanic/Latino/a								
Number Enrolled	492	446	468	569	740	174	334	169
Success Number	280	231	233	268	326	67	153	78
Success Rate	56.9%	51.8%	49.8%	47.1%	44.1%	38.5%	45.8%	46.2%
Asian/Filipino/PI								
Number Enrolled	31	57	72	124	249	84	130	75
Success Number	25	37	44	76	165	58	88	46
Success Rate	80.6%	64.9%	61.1%	61.3%	66.3%	69.0%	67.7%	61.3%
Caucasian								
Number Enrolled	36	66	114	145	151	58	79	55
Success Number	21	49	74	88	86	33	46	34
Success Rate	58.3%	74.2%	64.9%	60.7%	57.0%	56.9%	58.2%	61.8%
Other								
Number Enrolled	23	34	47	60	62	34	53	27
Success Number	15	15	17	27	28	15	27	13
Success Rate	65.2%	44.1%	36.2%	45.0%	45.2%	44.1%	50.9%	48.1%
Total								
Number Enrolled	796	768	872	1052	1333	393	659	355
Success Number	440	400	424	520	651	189	341	184
Success Rate	55.3%	52.1%	48.6%	49.4%	48.8%	48.1%	51.7%	51.8%

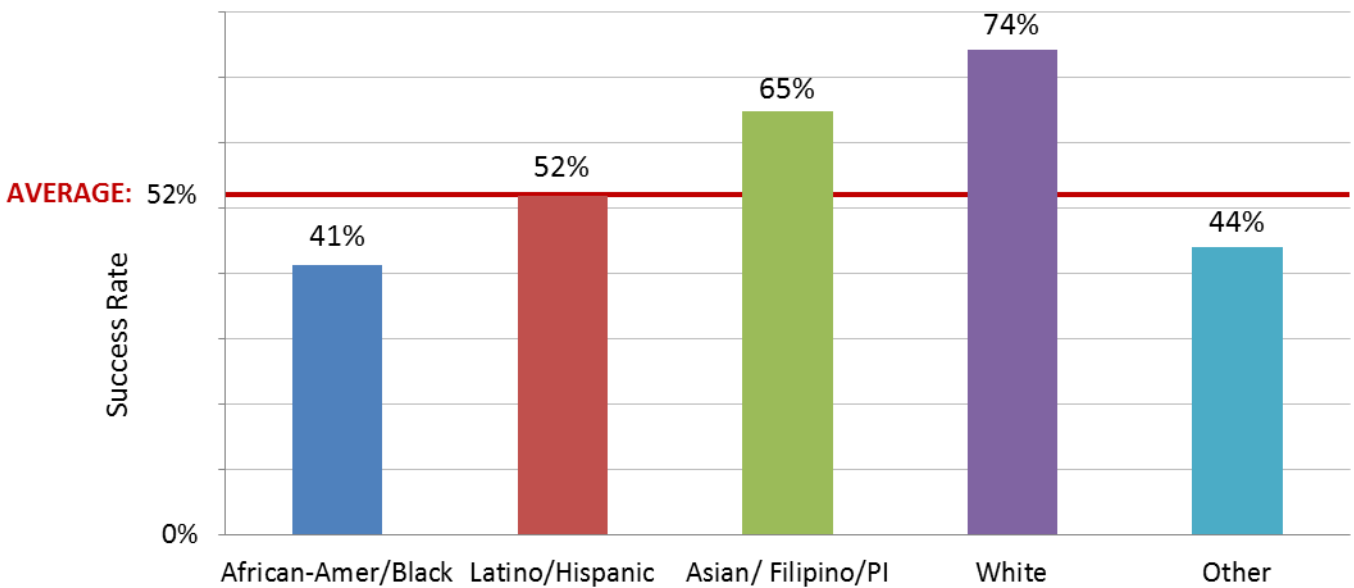
* Course completion with a grade of C or better or a "pass" notation is considered "successful."

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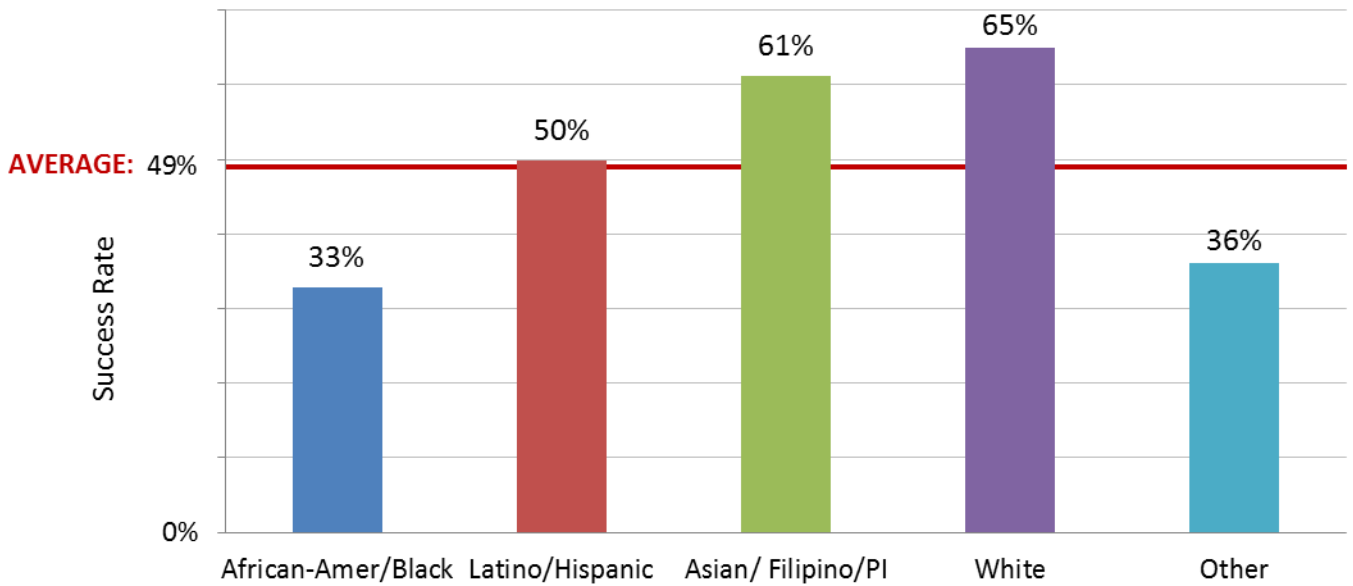
Successful Course Completion Rates for Math-12 (4 Levels Below Transfer)



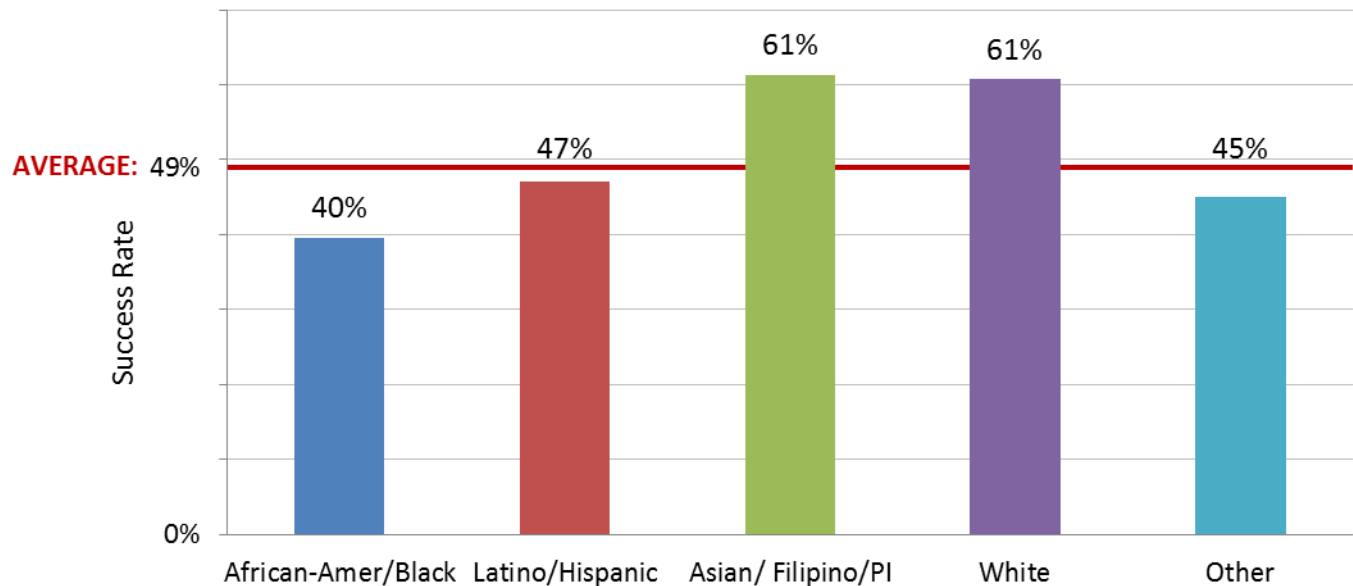
Successful Course Completion Rates for Math-23 (3 Levels Below Transfer)



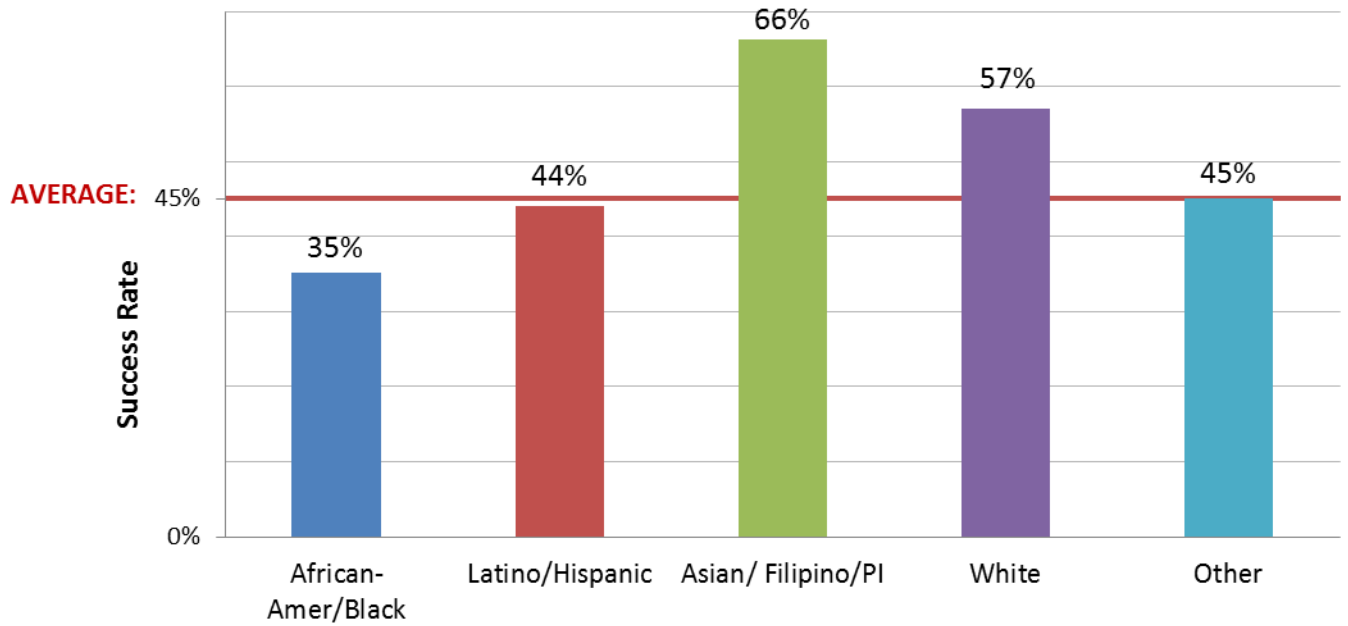
Successful Course Completion Rates for Math-40 (2 Levels Below Transfer)



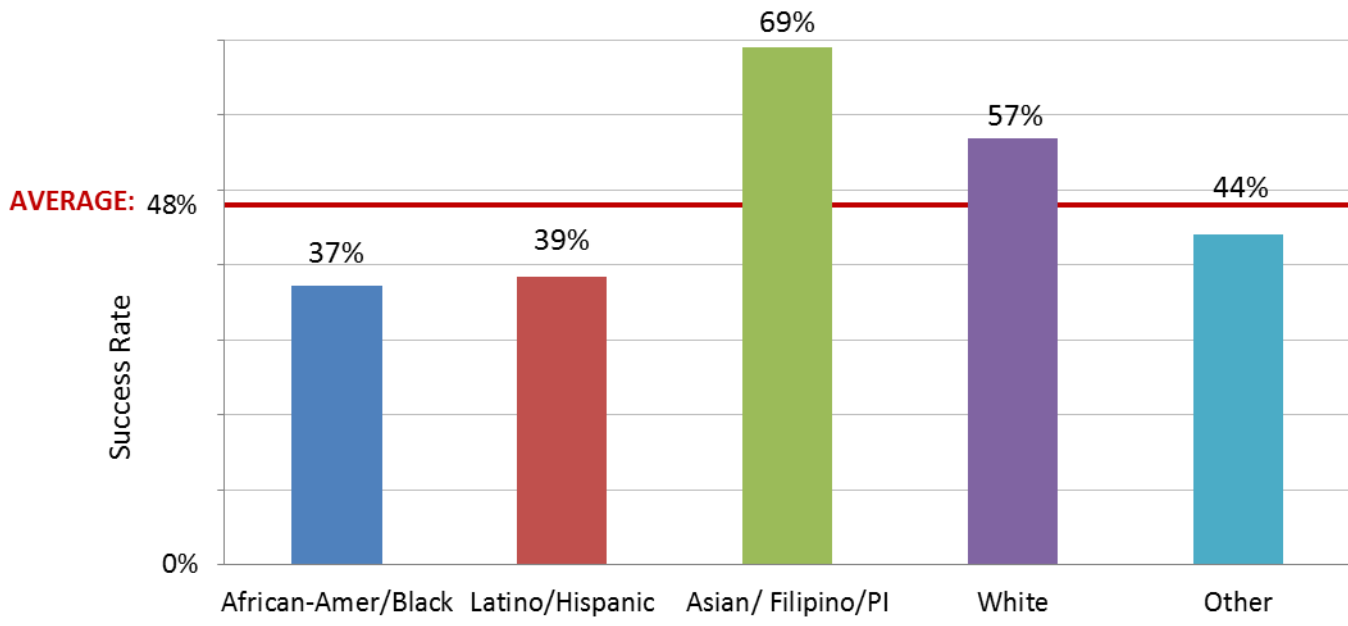
Successful Course Completion Rates for Math-73 (1 Level Below Transfer)



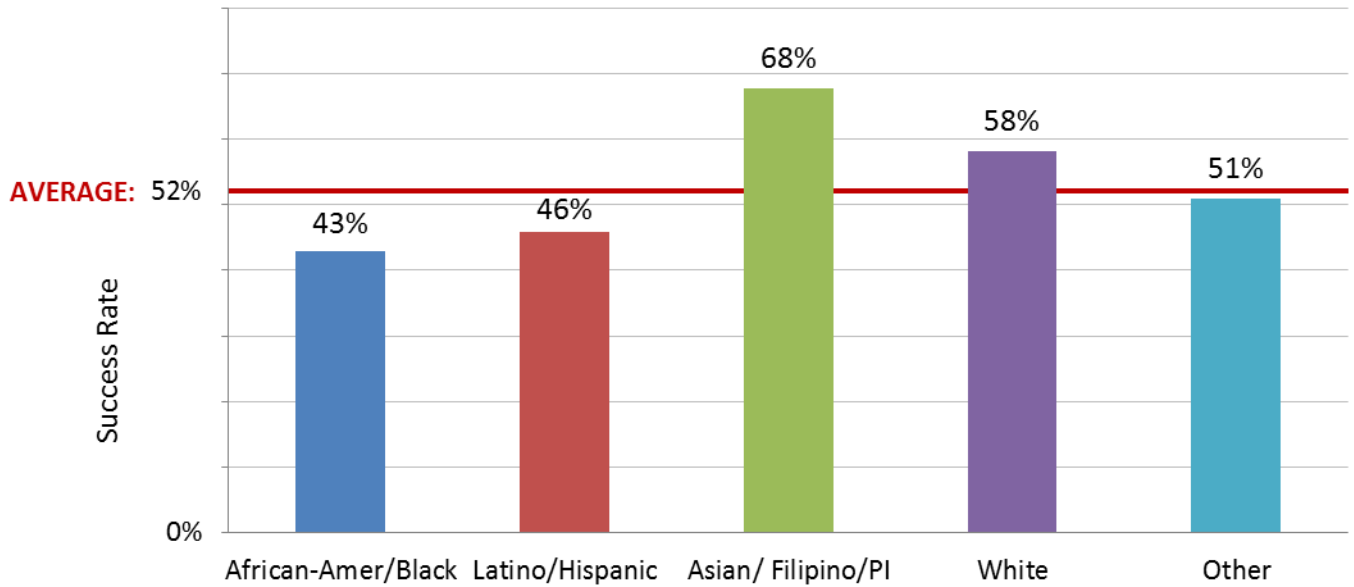
Successful Course Completion Rates for Math-80 (1 Level Below Transfer)



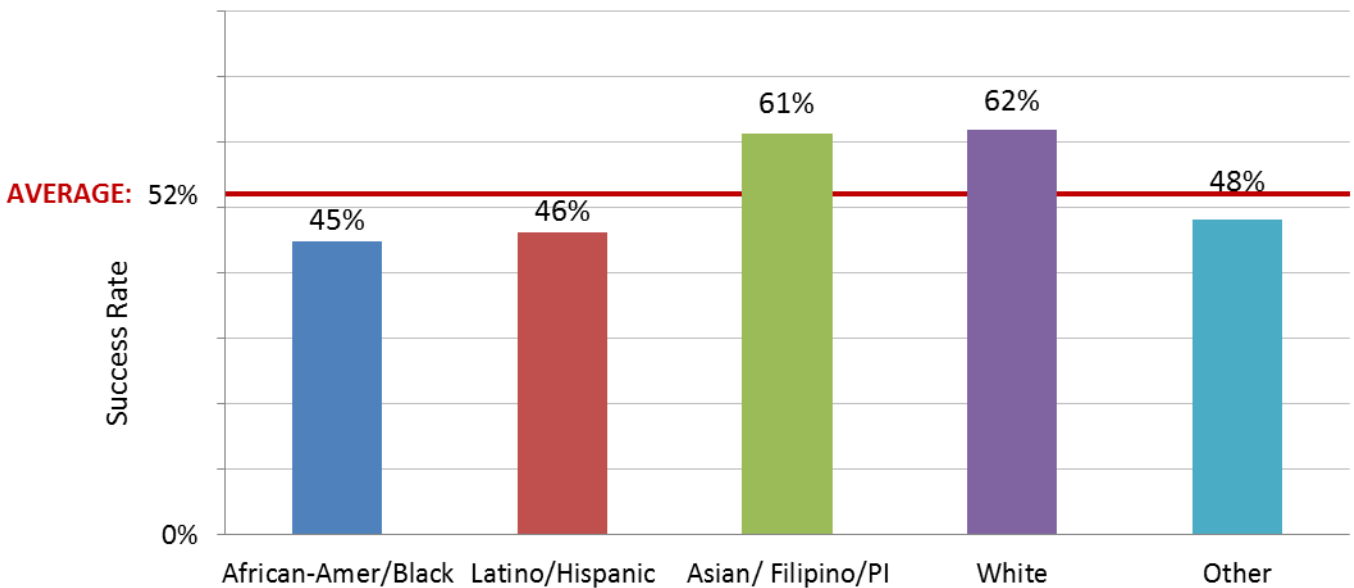
Successful Course Completion Rates for Math-130 (Transfer Level)



Successful Course Completion Rates for Math-150 (Transfer Level)



Successful Course Completion Rates for Math-170 (Transfer Level)



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Tables 4-6: Group Variation in Success Rate by Course * (Average - Group SCC Rate)

Fall 2013

Table 4: English (Reading and Writing)

	ENGL-80	ENGL-82	ENGL-84	ENGL-B	ENGL-A	ENGL-1A
African-American	-4%	-11%	-13%	-12%	-14%	-11%
Hispanic/Latino/a	4%	1%	1%	5%	0%	-3%
Asian/Filipino/PI	**	16%	10%	5%	16%	11%
White	**	2%	10%	8%	12%	9%

Table 5: English as a Second Language (ESL)

	ESL-52A	ESL-52B	ESL-52C	ESL-53A	ESL-53B	ESL-53C
African	**	**	**	**	**	**
Hispanic/Latino/a	-3%	-11%	-8%	4%	-4%	-9%
Asian/Filipino/PI	2%	2%	7%	-3%	2%	1%
White	-3%	7%	**	8%	-4%	12%

Table 6: Mathematics

	MATH-12	MATH-23	MATH-40	MATH-73	MATH-80	MATH-130	MATH-150	MATH-170
African-American	-9%	-11%	-16%	-10%	-14%	-11%	-9%	-7%
Hispanic/Latino/a	2%	0%	1%	-2%	-8%	-10%	-6%	-6%
Asian/Filipino/PI	25%	13%	12%	12%	18%	21%	16%	10%
White	3%	22%	16%	11%	11%	9%	6%	10%

* Group success rates that are more than 5 percentage points below the average are highlighted in bold italics.

** Groups with a total count per course of less than 10 have been suppressed.

Highlighted columns are transfer-level courses.

The Other Racial/Ethnic Groups category was not included in this analysis.

Table 7
Ethnic Group Success Rate Trends by English Course
Fall 2009-2013

	Ethnicity	Fall 2009	Fall 2011	Fall 2013
English 80	African American	46%	65%	28%
	Hispanic	52%	46%	35%
	Asian/Filipino/PI	50%	*	*
	White	47%	*	*
English 82	African American	49%	50%	52%
	Hispanic	62%	67%	64%
	Asian/Filipino/PI	68%	68%	79%
	White	68%	73%	65%
English 84	African American	51%	56%	54%
	Hispanic	68%	66%	68%
	Asian/Filipino/PI	75%	75%	76%
	White	74%	76%	65%
English B	African American	47%	50%	56%
	Hispanic	63%	66%	73%
	Asian/Filipino/PI	66%	66%	74%
	White	63%	59%	76%
English A	African American	54%	49%	51%
	Hispanic	63%	60%	65%
	Asian/Filipino/PI	71%	71%	81%
	White	69%	70%	77%
English 1A	African American	54%	55%	58%
	Hispanic	63%	63%	66%
	Asian/Filipino/PI	77%	77%	79%
	White	79%	78%	77%

Ethnic Group Success Rate Trends by English Course

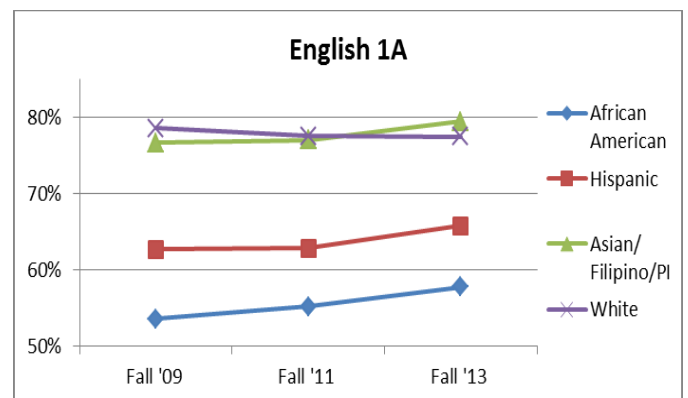
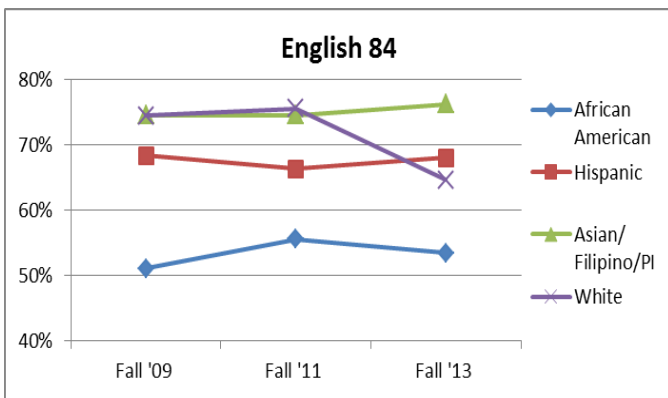
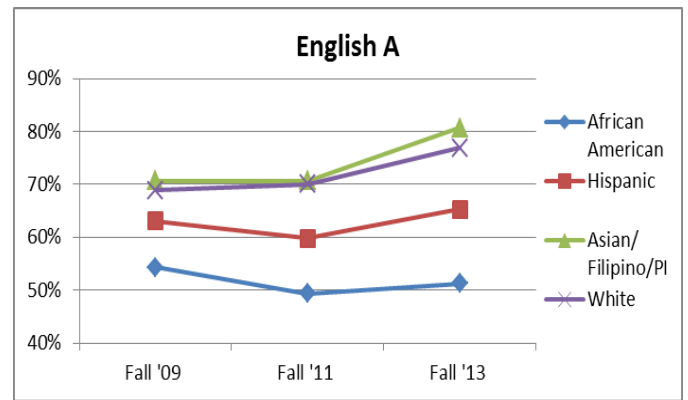
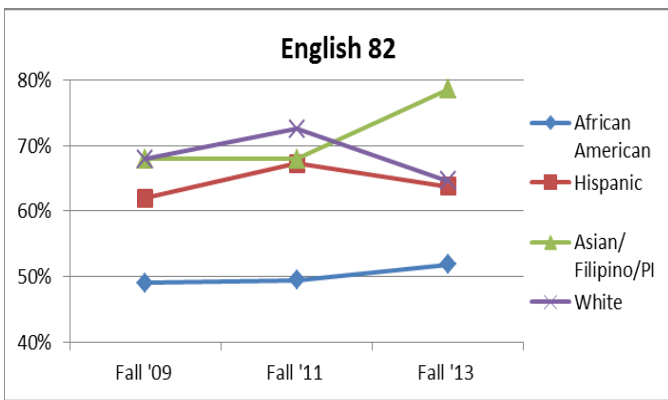
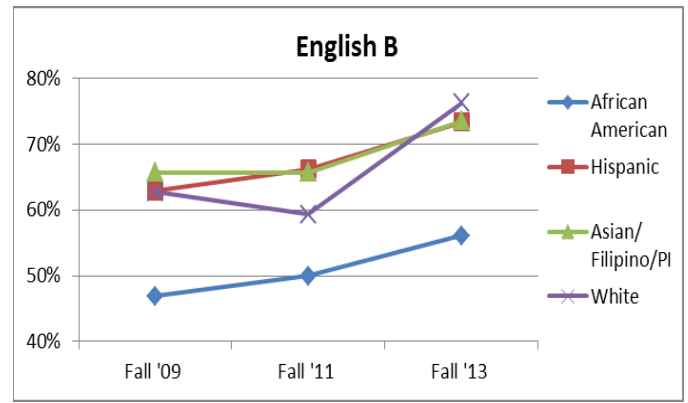
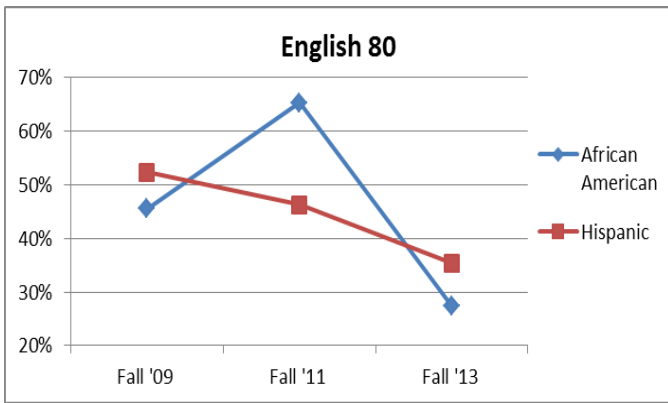


Table 8
Ethnic Group Success Rate Trends by Math Course
Fall 2009-2013

	Ethnicity	Fall 2009	Fall 2011	Fall 2013
Math 12	African American	37%	39%	46%
	Hispanic	56%	60%	57%
	Asian/Filipino/PI	72%	74%	81%
	White	67%	54%	58%
Math 23	African American	36%	34%	41%
	Hispanic	57%	55%	52%
	Asian/Filipino/PI	54%	71%	65%
	White	60%	61%	74%
Math 40	African American	31%	31%	33%
	Hispanic	42%	51%	50%
	Asian/Filipino/PI	50%	61%	61%
	White	56%	60%	65%
Math 73/80	African American	36%	36%	38%
	Hispanic	37%	50%	45%
	Asian/Filipino/PI	57%	63%	65%
	White	53%	61%	59%
Math 130	African American	36%	25%	37%
	Hispanic	37%	43%	39%
	Asian/Filipino/PI	57%	63%	69%
	White	53%	63%	57%
Math 150	African American	38%	49%	43%
	Hispanic	52%	41%	46%
	Asian/Filipino/PI	75%	64%	68%
	White	69%	64%	58%
Math 170	African American	33%	32%	45%
	Hispanic	37%	41%	46%
	Asian/Filipino/PI	64%	64%	61%
	White	57%	64%	62%

Ethnic Group Success Rate Trends by Math Course

