

Rancho Santiago Community College District (RSCCD) Success Rate by Ethnicity and Its Disproportionate Impact for AB705 Cohort, Spring 2020

April 2021

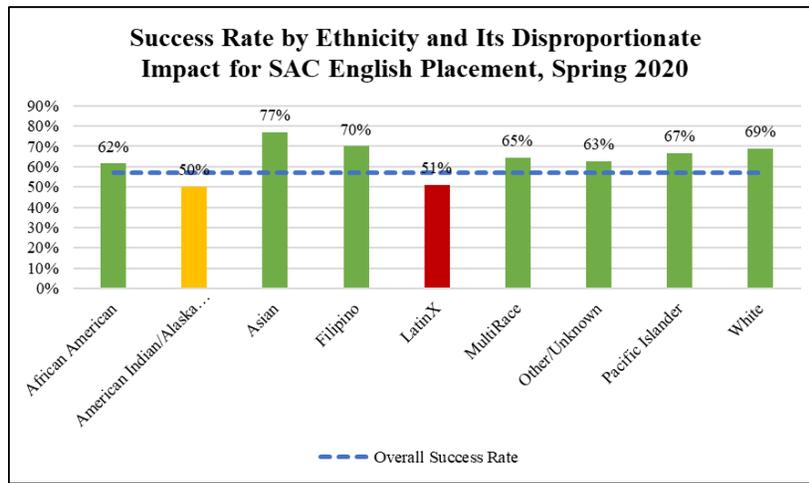
Definition:

- The cohort consists of students who enrolled in any of the placement courses for English (or math) at the college in Spring 2020 and received a letter grade (excluding EW) but never took a credit English (or math) course prior to Spring 2020 at the college.
- Success rate is defined as the proportion of the cohort who successfully completed at least one English (or math) course upon entering the sequence; this is computed by the unduplicated count of students who earned at least one passing grade (A, B, C, or P) in Spring 2020 divided by the total student count for the cohort/subgroup.
- Disproportionate impact occurs when a subgroup of students based on particular characteristics—ethnicity for this study—experiences lower outcomes compared to the total student population.
- This study uses percentage point gap (PPG) approach with error of margin (E) based on a 95% confidence level to measure the disproportionate impact for success rate by ethnicity. PPG is calculated by subtracting the overall average success rate from the success rate of a disaggregated subgroup; whereas E is computed based on a 95% confidence level and the given size of each subgroup. As the sample size gets smaller, the margin of error increases. Disproportionate impact occurs when $PPG \leq -E\%$.
 - Green bar indicates no disproportionate impact and the subgroup's success rate is above/at the overall average success rate.
 - Yellow bar indicates no disproportionate impact but the subgroup's success rate is below the overall average success rate.
 - Red bar indicates the subgroup is disproportionately lower than the overall population.

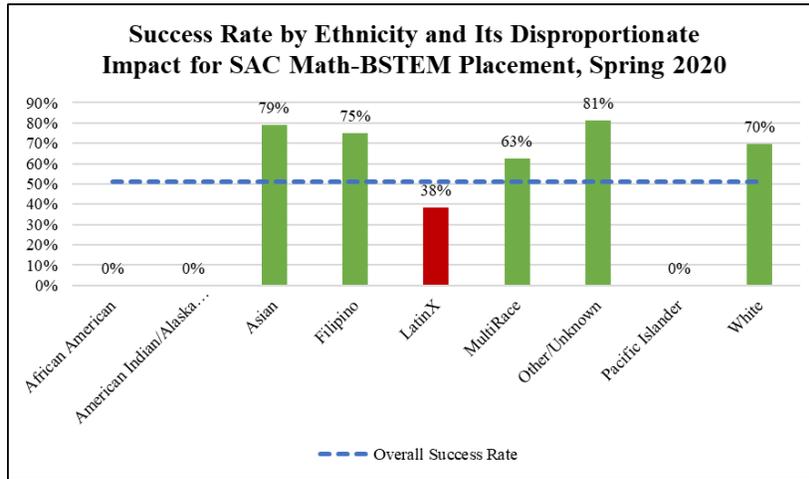
For further information or questions, please contact Tyler Nguyen at Nguyen_Tyler@rsccd.edu

Santa Ana College

Santa Ana College Success Rate by Ethnicity and Its Disproportionate Impact for English Placement, Spring 2020					
Ethnicity	Student Count	Success Rate	Percentage Point Gap	Margin of Error (E: 95% CI)	Disproportionate Impact Conclusion
African American	13	62%	5%	26%	No disproportionate impact
American Indian/Alaska Native	2	50%	-7%	69%	No disproportionate impact
Asian	99	77%	20%	8%	No adverse disproportionate impact
Filipino	10	70%	13%	28%	No disproportionate impact
LatinX	596	51%	-6%	4%	Disproportionately lower than the overall population
MultiRace	31	65%	8%	17%	No disproportionate impact
Other/Unknown	43	63%	6%	14%	No disproportionate impact
Pacific Islander	3	67%	10%	53%	No disproportionate impact
White	74	69%	12%	11%	No adverse disproportionate impact
Grand Total	871	57%			

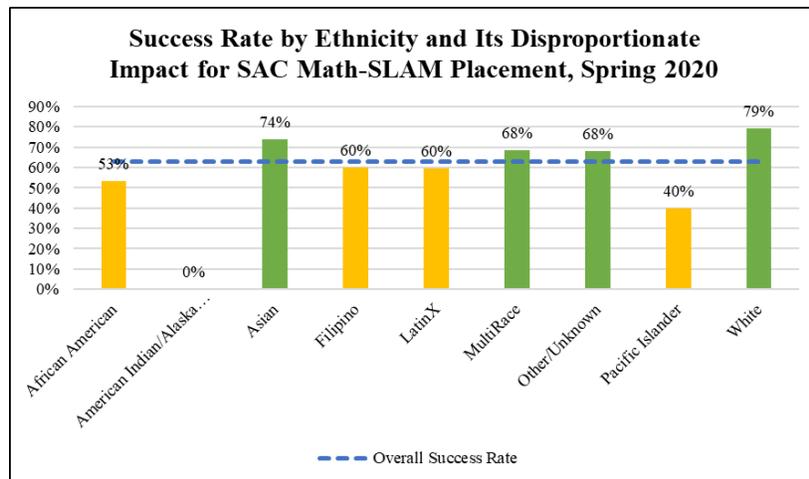


Santa Ana College Success Rate by Ethnicity and Its Disproportionate Impact for Math-BSTEM Placement, Spring 2020					
Ethnicity	Student Count	Success Rate	Percentage Point Gap	Margin of Error (E: 95% CI)	Disproportionate Impact Conclusion
African American	5	0%	-51%	0%	Disproportionately lower than the overall population
American Indian/Alaska Native	0	N/A	N/A	N/A	N/A
Asian	57	79%	28%	11%	No adverse disproportionate impact
Filipino	4	75%	24%	42%	No disproportionate impact
LatinX	208	38%	-13%	7%	Disproportionately lower than the overall population
MultiRace	8	63%	11%	34%	No disproportionate impact
Other/Unknown	16	81%	30%	19%	No adverse disproportionate impact
Pacific Islander	0	N/A	N/A	N/A	N/A
White	33	70%	19%	16%	No adverse disproportionate impact
Grand Total	331	51%			



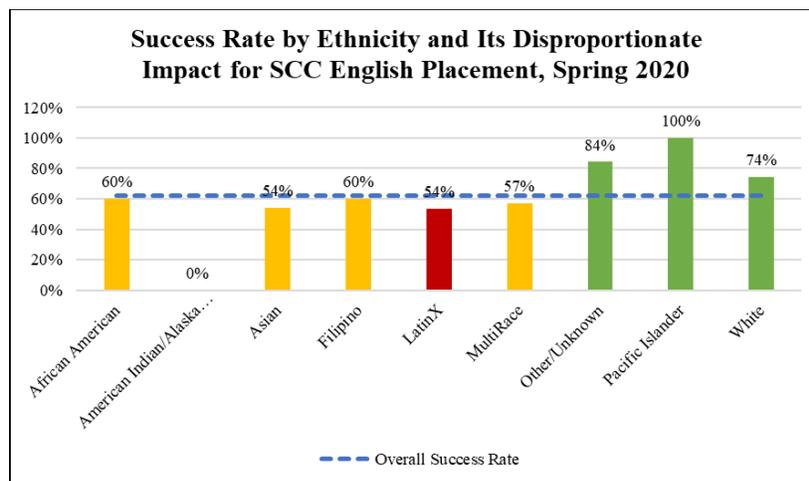
Santa Ana College Success Rate by Ethnicity and Its Disproportionate Impact for Math-SLAM Placement, Spring 2020

Ethnicity	Student Count	Success Rate	Percentage Point Gap	Margin of Error (E: 95% CI)	Disproportionate Impact Conclusion
African American	15	53%	2%	25%	No disproportionate impact
American Indian/Alaska Native	0	N/A	N/A	N/A	N/A
Asian	38	74%	23%	14%	No adverse disproportionate impact
Filipino	5	60%	9%	43%	No disproportionate impact
LatinX	466	60%	9%	4%	No adverse disproportionate impact
MultiRace	19	68%	17%	21%	No disproportionate impact
Other/Unknown	22	68%	17%	19%	No disproportionate impact
Pacific Islander	5	40%	-11%	43%	No disproportionate impact
White	63	79%	28%	10%	No adverse disproportionate impact
Grand Total	633	63%			

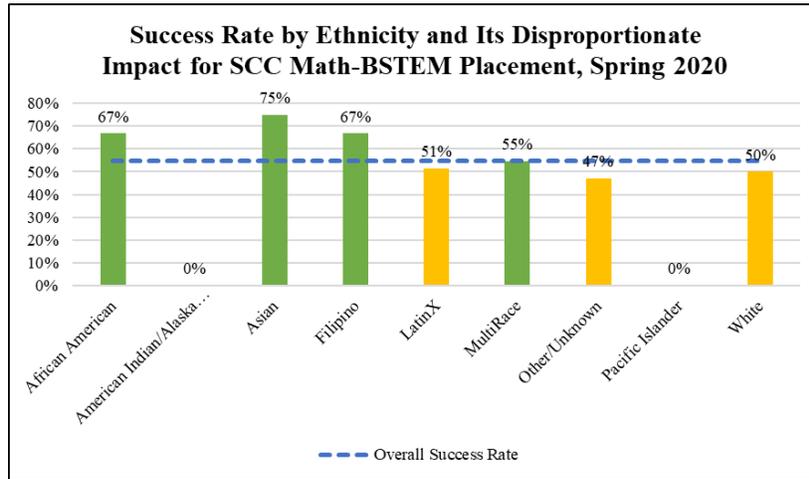


Santiago Canyon College

Santiago Canyon College					
Success Rate by Ethnicity and Its Disproportionate Impact for English Placement, Spring 2020					
Ethnicity	Student Count	Success Rate	Percentage Point Gap	Margin of Error (E: 95% CI)	Disproportionate Impact Conclusion
African American	15	60%	-2%	25%	No disproportionate impact
American Indian/Alaska Native	0	N/A	N/A	N/A	N/A
Asian	24	54%	-8%	20%	No disproportionate impact
Filipino	5	60%	-2%	43%	No disproportionate impact
LatinX	164	54%	-8%	8%	Disproportionately lower than the overall population
MultiRace	21	57%	-5%	21%	No disproportionate impact
Other/Unknown	19	84%	22%	16%	No adverse disproportionate impact
Pacific Islander	2	100%	38%	0%	No adverse disproportionate impact
White	98	74%	12%	9%	No adverse disproportionate impact
Grand Total	348	62%			

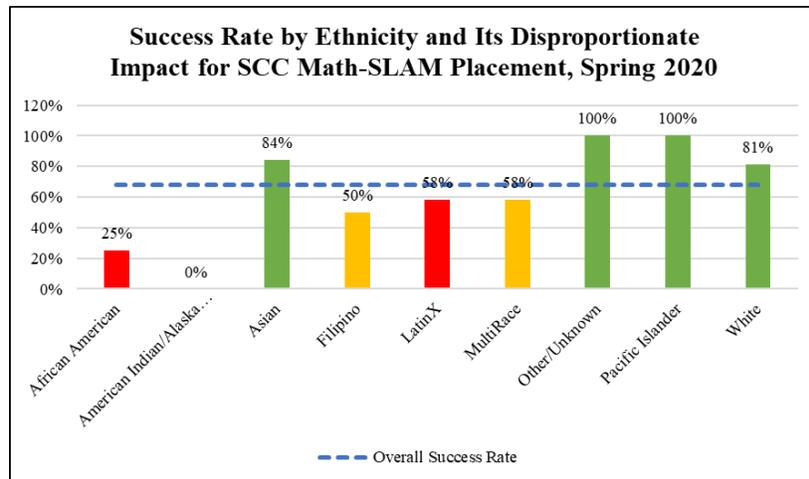


Santiago Canyon College					
Success Rate by Ethnicity and Its Disproportionate Impact for Math-BSTEM Placement, Spring 2020					
Ethnicity	Student Count	Success Rate	Percentage Point Gap	Margin of Error (E: 95% CI)	Disproportionate Impact Conclusion
African American	3	67%	12%	53%	No disproportionate impact
American Indian/Alaska Native	0	N/A	N/A	N/A	N/A
Asian	32	75%	20%	15%	No adverse disproportionate impact
Filipino	12	67%	12%	27%	No disproportionate impact
LatinX	113	51%	-3%	9%	No disproportionate impact
MultiRace	11	55%	0%	29%	No disproportionate impact
Other/Unknown	17	47%	-8%	24%	No disproportionate impact
Pacific Islander	0	N/A	N/A	N/A	N/A
White	66	50%	-5%	12%	No disproportionate impact
Grand Total	254	55%			



Santiago Canyon College Success Rate by Ethnicity and Its Disproportionate Impact for Math-SLAM Placement, Spring 2020

Ethnicity	Student Count	Success Rate	Percentage Point Gap	Margin of Error (E: 95% CI)	Disproportionate Impact Conclusion
African American	4	25%	-43%	42%	Disproportionately lower than the overall population
American Indian/Alaska Native	0	N/A	N/A	N/A	N/A
Asian	19	84%	16%	16%	No disproportionate impact
Filipino	2	50%	-18%	69%	No disproportionate impact
LatinX	131	58%	-10%	8%	Disproportionately lower than the overall population
MultiRace	12	58%	-10%	28%	No disproportionate impact
Other/Unknown	8	100%	32%	0%	No adverse disproportionate impact
Pacific Islander	1	100%	32%	0%	No adverse disproportionate impact
White	81	81%	13%	8%	No adverse disproportionate impact
Grand Total	258	68%			



Source: RSCCD Research Data Warehouse