



## Santa Clara County Office of Education

Mary Ann Dewan, Ph.D.  
County Superintendent of Schools

October 24, 2022

TO: Mary Ann Dewan, Ph.D., County Superintendent of Schools  
FROM: Deann Walsh, Manager, Assessment & Accountability  
SUBJECT: 2022 Santa Clara County Smarter Balanced Summative Assessment Results

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The following provides an analysis of Santa Clara County's Smarter Balanced Summative Assessment Results. The assessments were administered to students in Grades 3-8 and Grade 11 in Spring 2022 in the content areas of English Language-Arts and Mathematics.

Given the suspension of testing in 2020 and the flexibility provided to LEAs to administer local assessments in 2021, the 2022 administration marks the first statewide administration since 2019. As such, the 2022 results serve as a new baseline for our county's students as we emerge from the pandemic related school closures and restart our statewide assessment system.

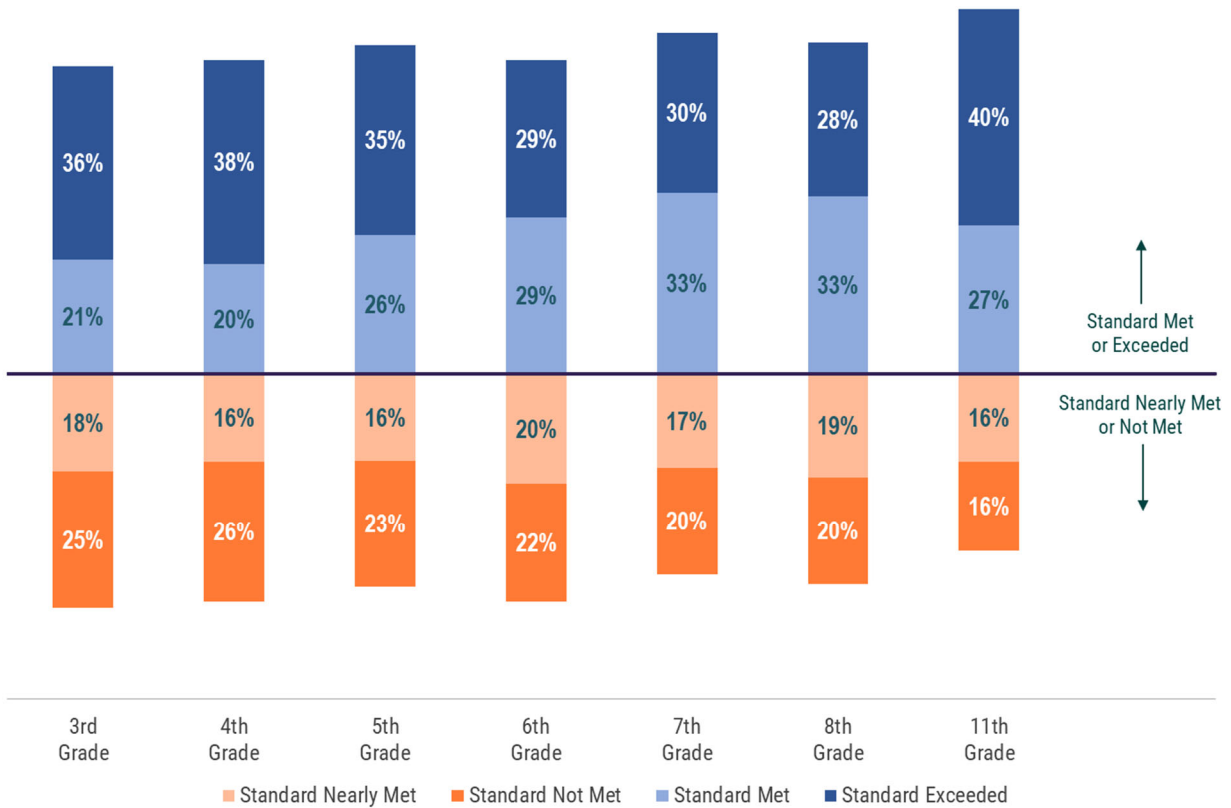
While most of the Smarter Balanced Assessment (SBA) components returned to the previous format, there were a few significant changes that should be noted. First, in 2021 and 2022 the SBE adopted the use of a short form assessment that decreased the number of items taken by students on the computer adaptive portion of the assessment by approximately 50%. This change decreased the testing burden on sites and students, but resulted in less accurate results at the claim level. As such, claim level data was not provided to students in either of these years. Additionally, a remote option was again made available to support the assessing of students in independent study programs.

The majority of the following data represents the percent of students scoring in each of the assessment's four performance levels (standard exceeded, standard met, standard nearly met and standard not met). Additionally, some figures illustrate our county's average scale scores across time and by grade level. Finally, where noted, data has been disaggregated by grade level and student group, and at times provides comparisons between county and state results as well as county results across time.

## ACADEMIC ACHIEVEMENT IN ENGLISH-LANGUAGE ARTS

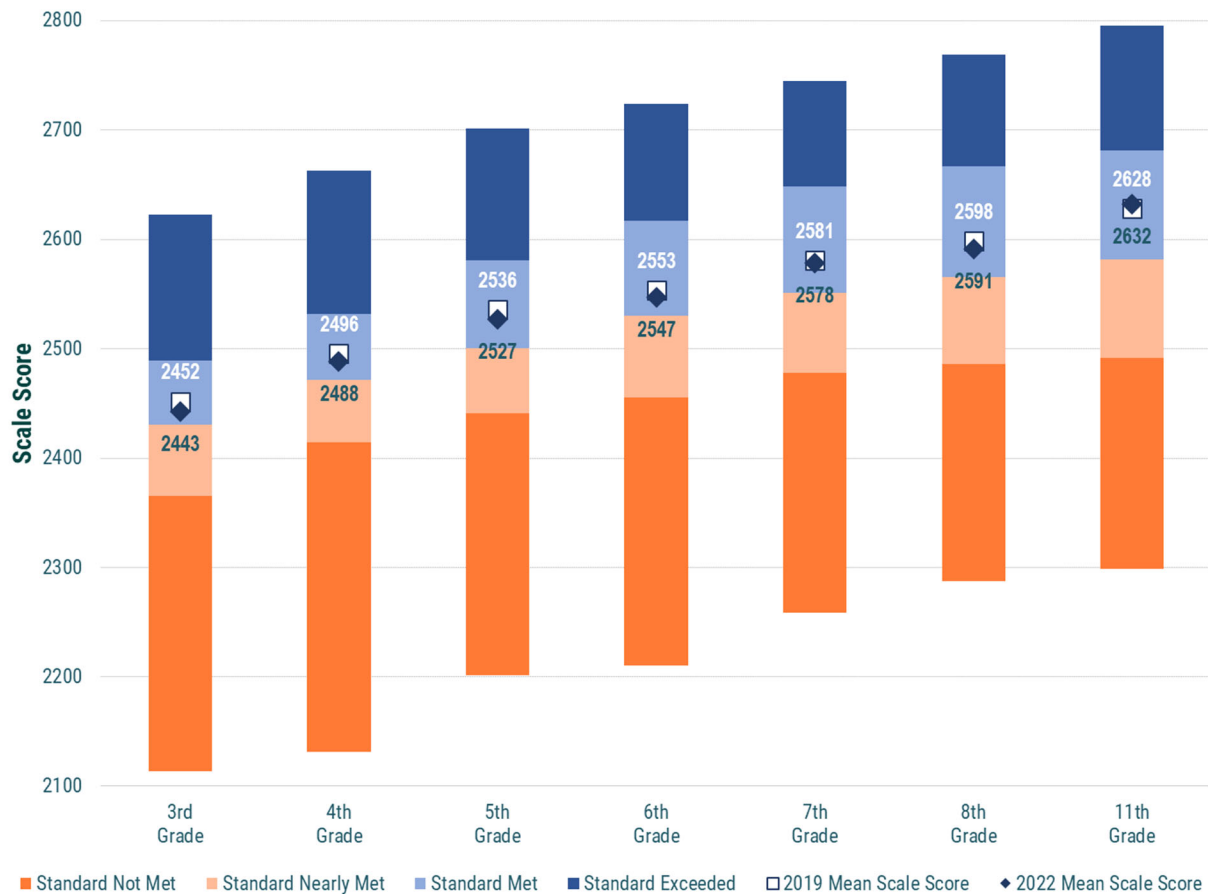
In 2022, 61% of Santa Clara County students met or exceeded standard in English-Language Arts (ELA). When disaggregated by grade level, the results indicate a steady trend with percentages of students who met or exceeded standard ranging from a low of 57% (3<sup>rd</sup> Grade) to a high of 67% (11<sup>th</sup>). As illustrated in Figure 1, ELA results have a general upward trajectory with percentages of students meeting and exceeding standards increasing across grade levels.

*Figure 1: 2022 SBA ELA Results by Grade Level, Percent of Students Performing at Each Level*



In addition to the performance level distribution mentioned above, average scale score results by grade level in 2022 remained solidly within the standard met performance band. However, as illustrated in Figure 2, nearly all grade levels experienced a decrease in their average scale score between 2019 and 2022. The only exception to this decline was observed in 11<sup>th</sup> grade where the average scale score increased by nearly 4 scale score points.

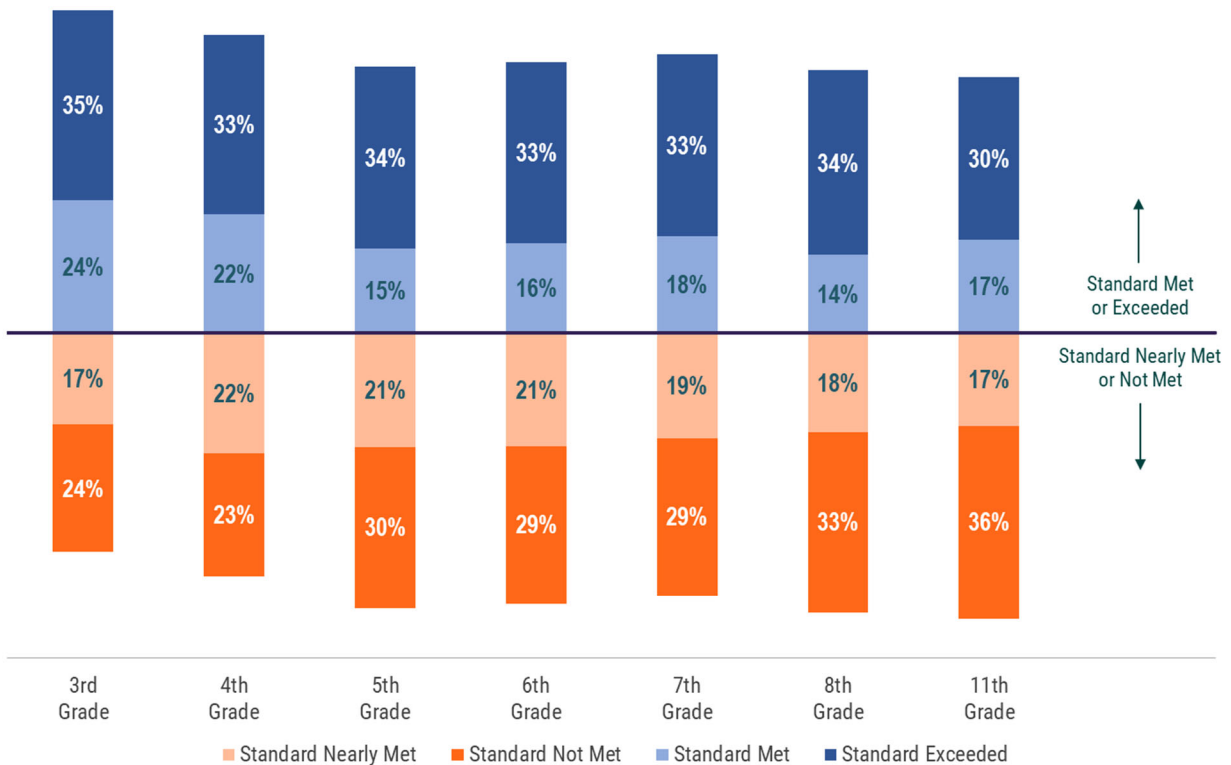
Figure 2: SBA ELA Results by Grade Level, Average Scale Score 2019 & 2022



## ACADEMIC ACHIEVEMENT IN MATHEMATICS

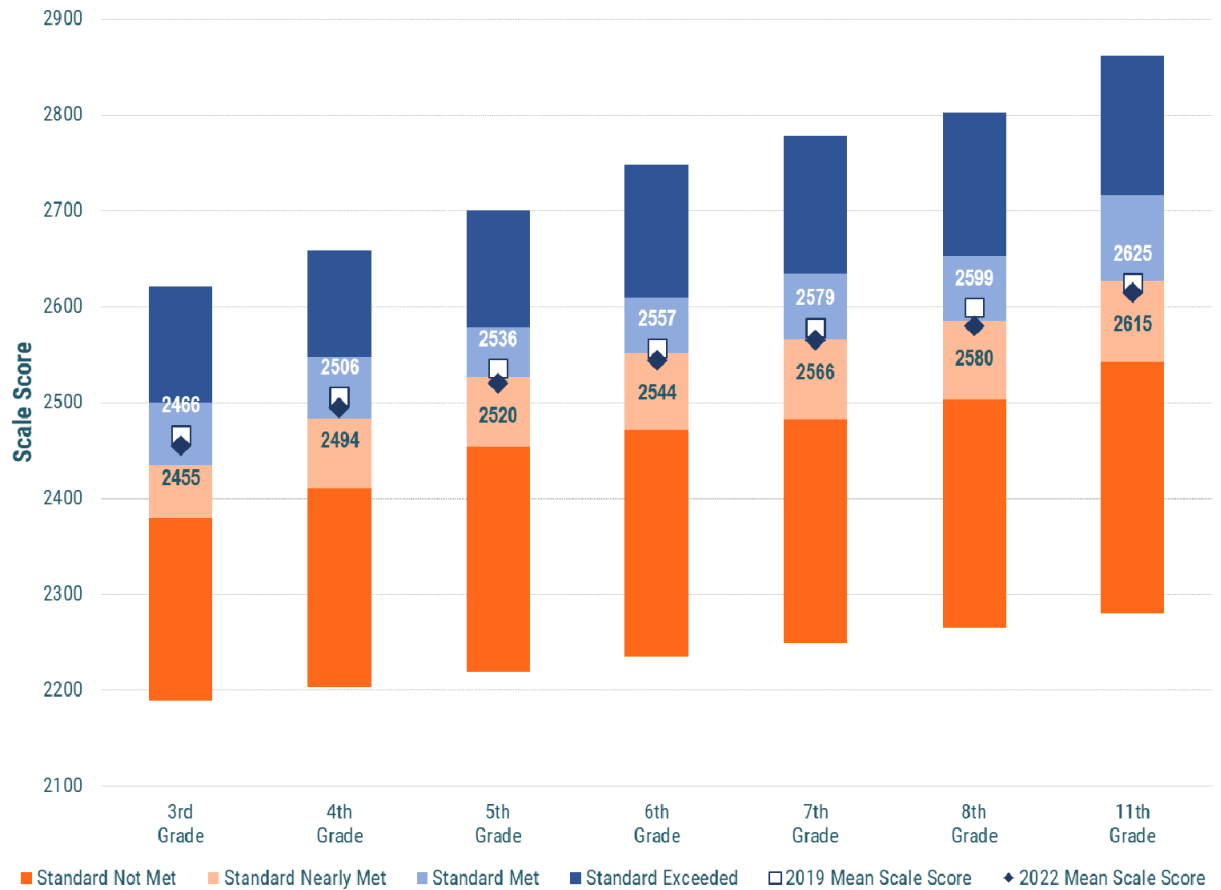
In 2022, 51% of students in Santa Clara County met or exceeded standard in Mathematics. When disaggregated by grade level, the percentage of students meeting and exceeding standard ranges from a low of 47% (11<sup>th</sup> Grade) to a high of 59% (3<sup>rd</sup> Grade). This is a reverse distribution from that experienced in ELA. As illustrated in Figure 3, Mathematics results have a general downward trend in which the percentage of students meeting and exceeding standard steadily decreases as the grade level increases.

Figure 3: 2022 SBA Mathematics Results by Grade Level, Percent of Students Performing at Each Level



Additionally, average scale scores decreased across all grade spans between 2019 and 2022. As illustrated in Figure 4, all grade spans experienced average scale scores within the Standard Met band in 2019; however, by 2022 the across the board decrease resulted in many grade spans' scale scores dipping into the Standard Nearly Met performance band.

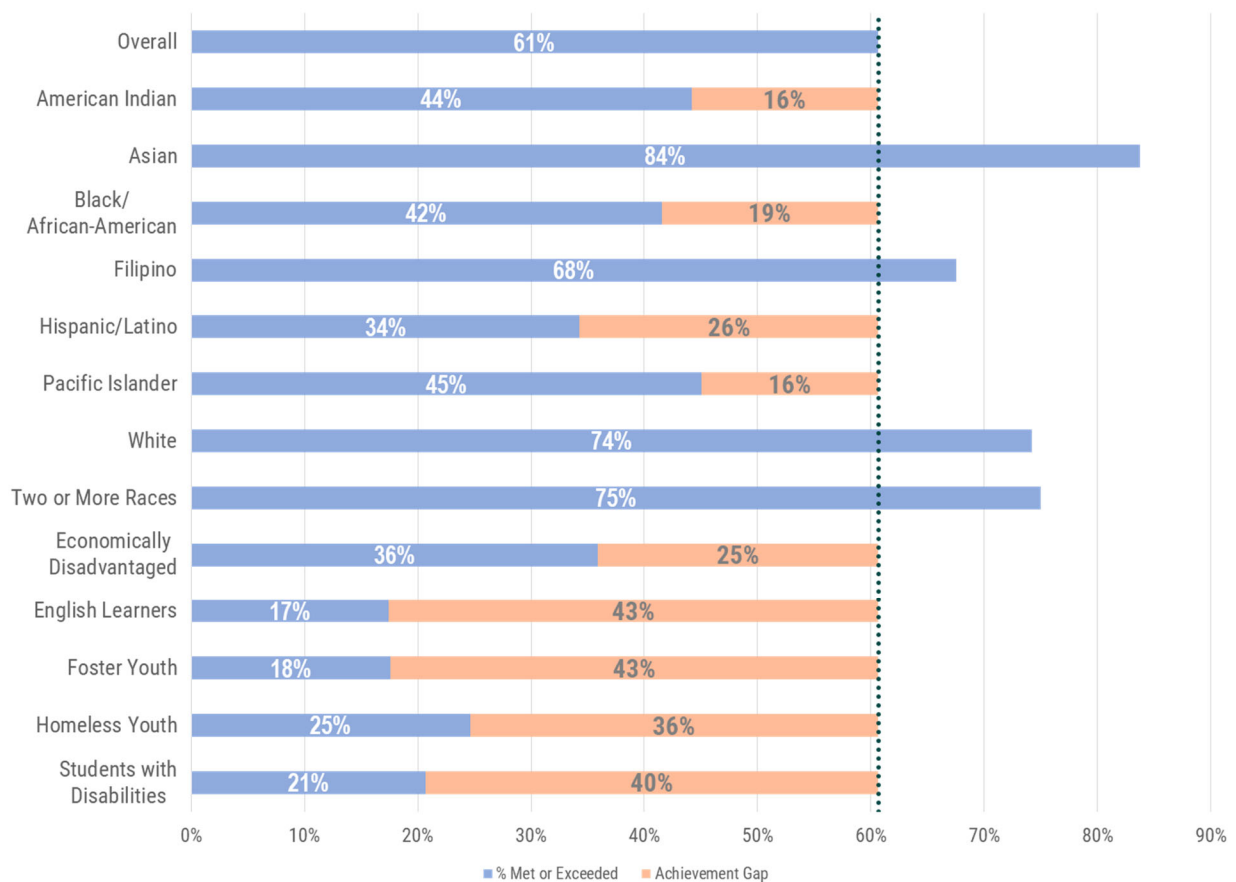
Figure 4: SBA Mathematics Results by Grade Level, Average Scale Score 2019 & 2022



## STUDENT GROUP PERFORMANCE

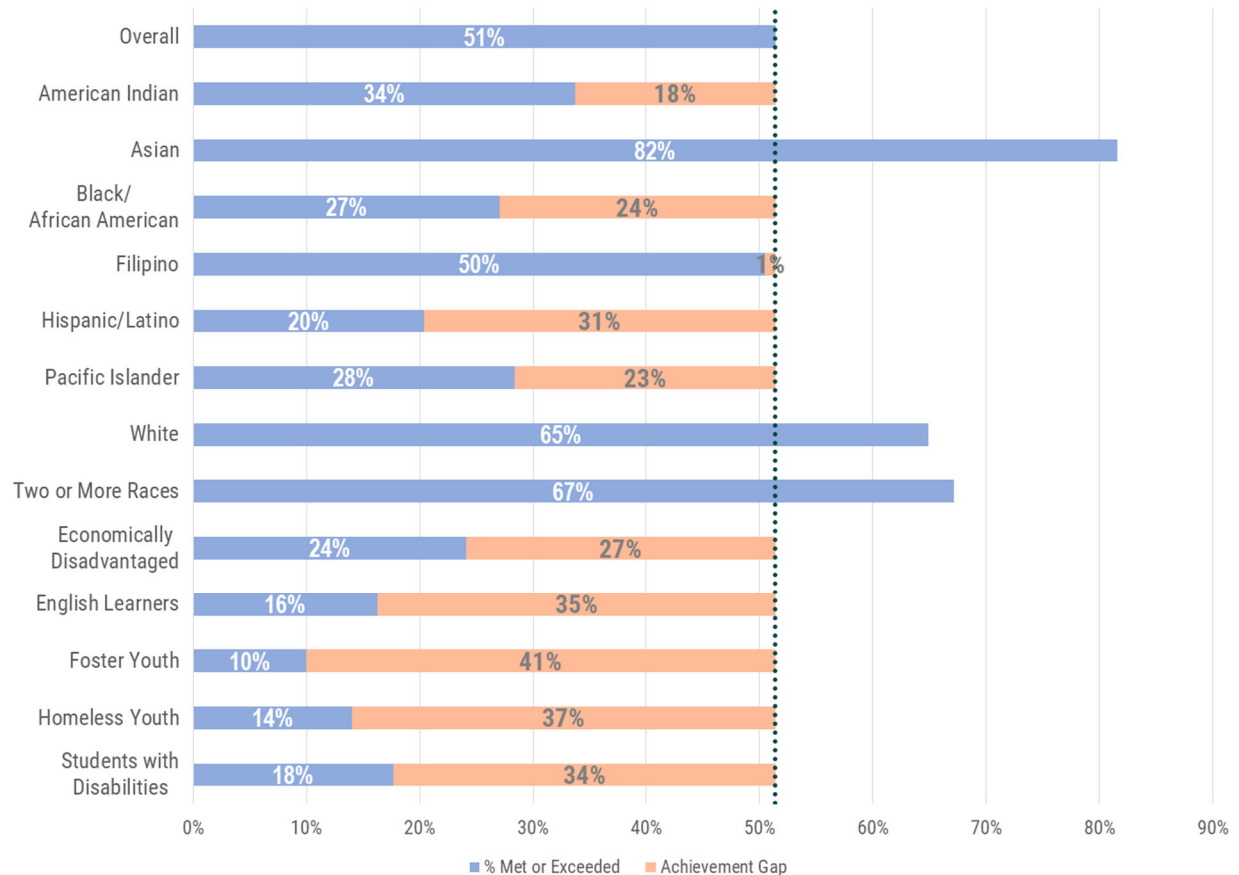
While Santa Clara County experiences relatively high overall performance results, when disaggregated by student group, significant variation can be observed. As illustrated in Figure 5, significant disparities exist between our highest performing student group in ELA at 84% meeting and exceeding standard (Asian) and our lowest performing student group at 17% meeting and exceeding standard (English Learners). As illustrated by the light orange bars, significant performance gaps exist for several of our student groups, including: American Indian, Black/African American, Hispanic/Latino, Pacific Islander, Economically Disadvantaged, English Learners, Foster Youth, Homeless Youth, and Students with Disabilities.

Figure 5: 2022 SBA ELA Results by Student Group



In mathematics, when the countywide results are disaggregated by student group the same trends are evident as those discussed within ELA. Students who identify as Asian, White and Two or More Races continue to experience rates significantly above the countywide average, while the previously mentioned student groups continue to experience rates significantly below the countywide average.

*Figure 6: 2022 SBA Mathematics Results by Student Group*

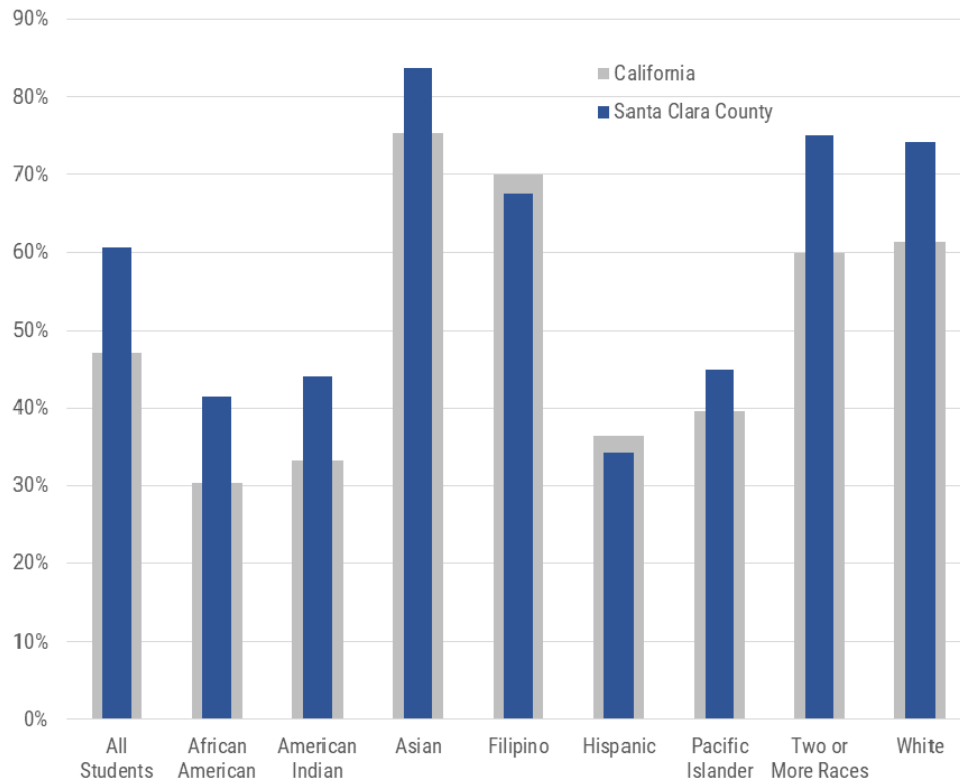


## **STATE/COUNTY COMPARISON RESULTS**

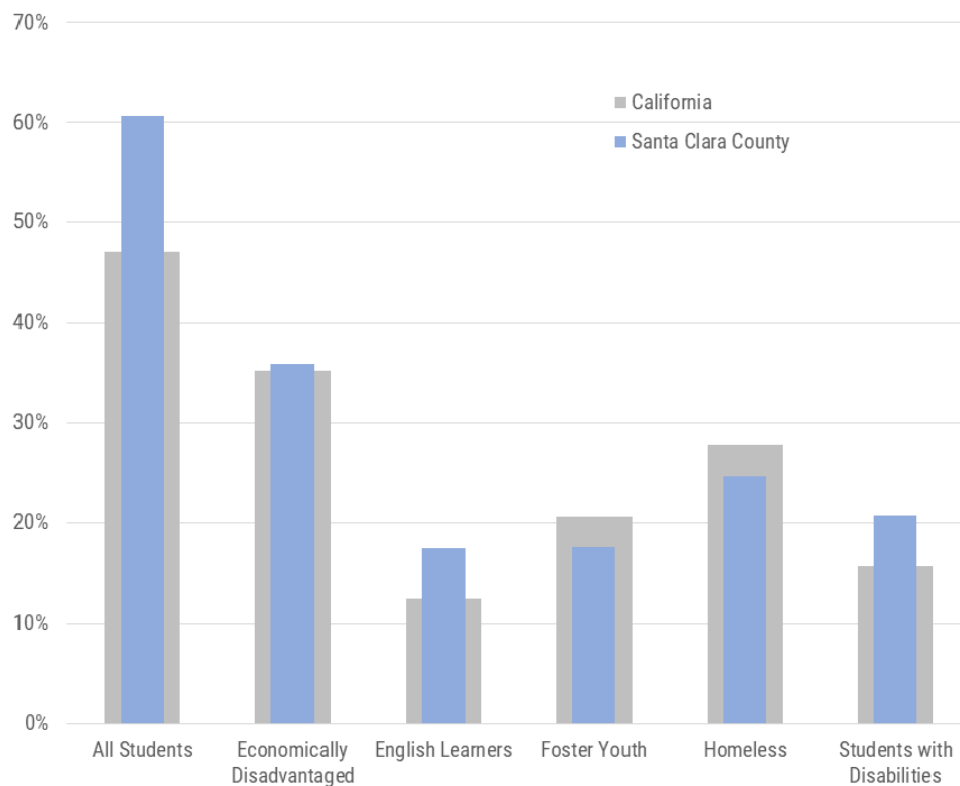
When compared to statewide figures, Santa Clara County students tend to outperform their peers statewide in both ELA and Mathematics. As illustrated in Figure 7 (ELA Comparison by Race/Ethnicity), Figure 8 (ELA Comparison by Student Group), Figure 9 (Math Comparison by Race/Ethnicity), and Figure 10 (Math Comparison by Student Group) a majority of our county's student groups experienced rates of students meeting and exceeding standard in ELA and Mathematics higher than their relative student group at the statewide level. However, while this was the case for most of the county's student groups, it was not universally true. In Santa Clara County, students in the Filipino, Hispanic, Foster Youth and Homeless student groups did not perform higher in either ELA or mathematics than their relative student group at the statewide level.



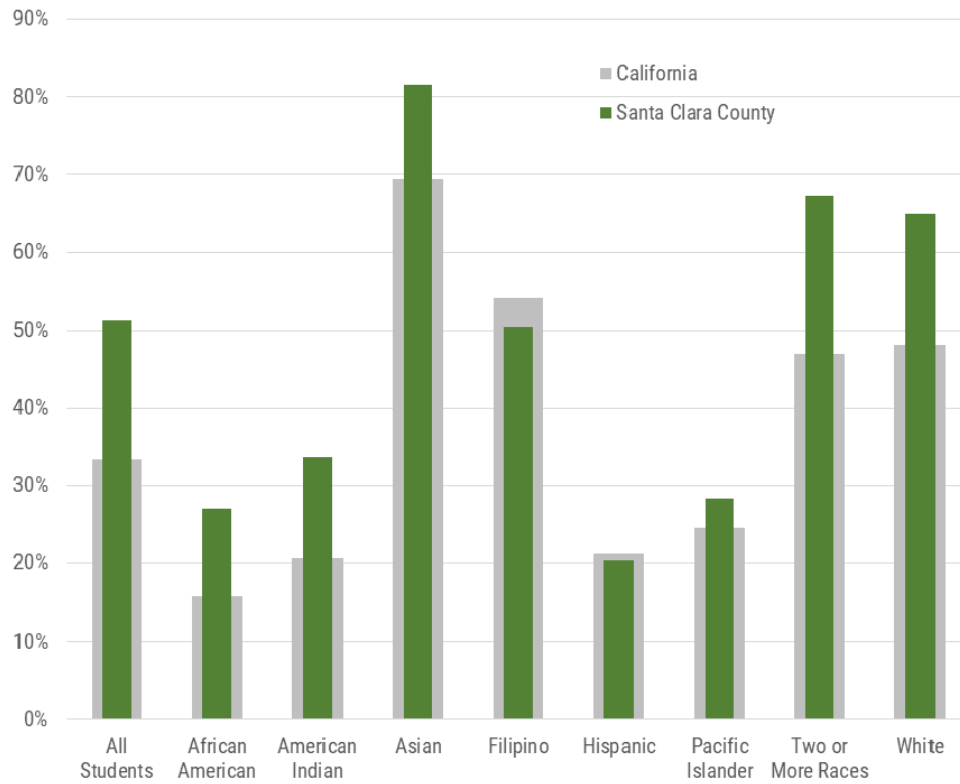
*Figure 7: 2022 SBA ELA Results by Race/Ethnicity, California and Santa Clara County*



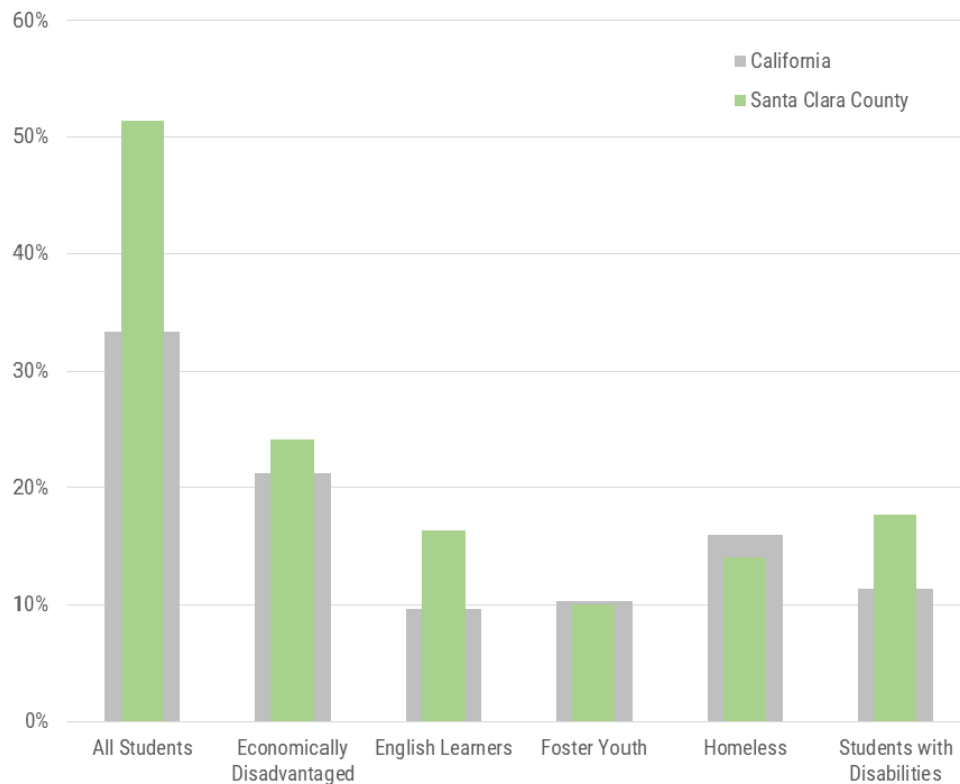
*Figure 8: 2022 SBA ELA Results by Student Group, California and Santa Clara County*



*Figure 9: 2022 SBA Mathematics Results by Race/Ethnicity, California and Santa Clara County*



*Figure 10: 2022 SBA Mathematics Results by Student Group, California and Santa Clara County*



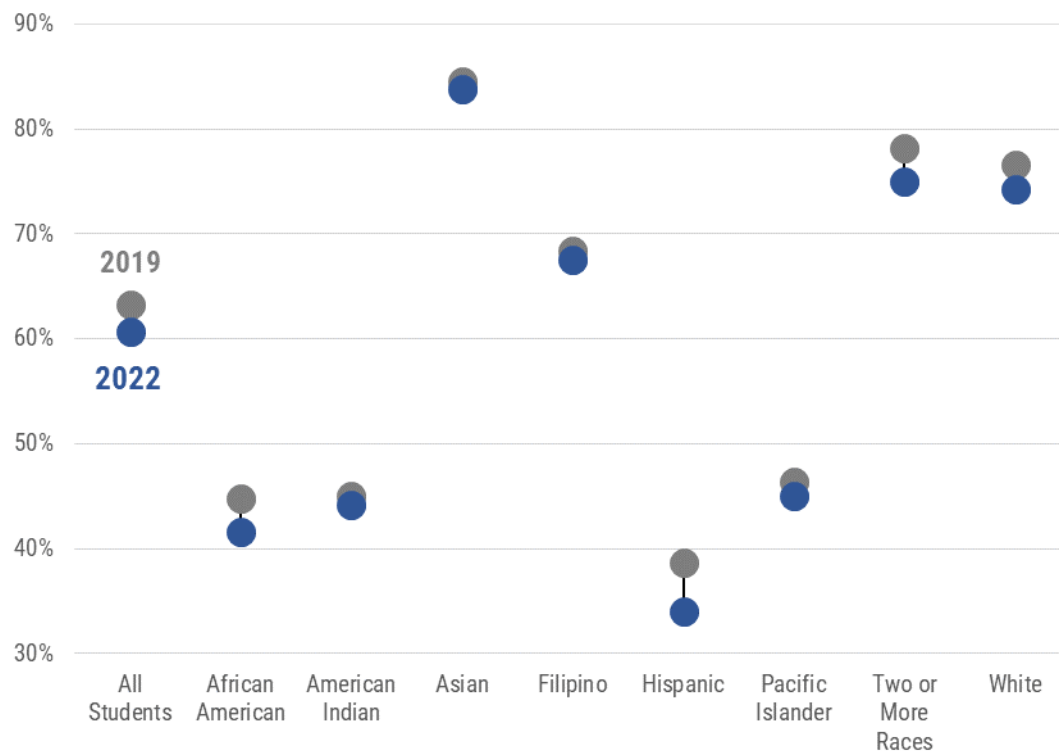
## COMPARISON BETWEEN 2019 and 2022 TEST ADMINISTRATIONS

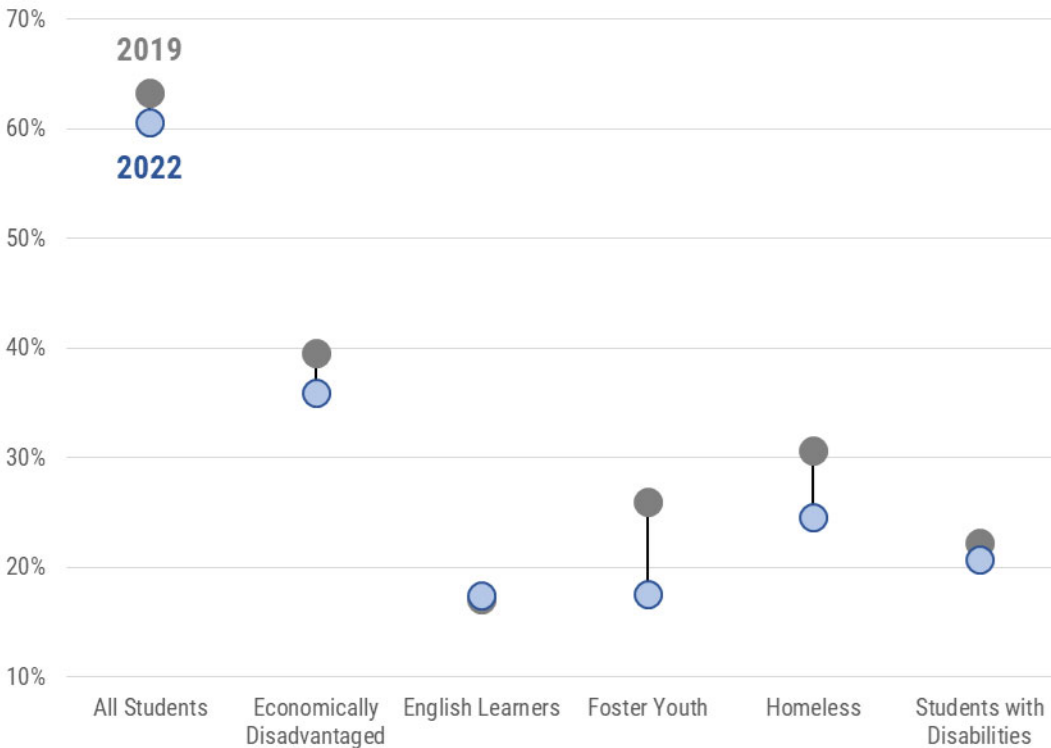
After two years of missing or incomplete data, the 2022 test administration serves as a restart to our assessment system. Moving forward, the 2022 data will serve as a new baseline to compare progress and trends being made; however, it is understandable that much interest remains as to how 2022 data compares to our last standardized test administration in 2019.

Figure 11 (ELA Results by Race/Ethnicity) and Figure 12 (ELA Results by Student Group) illustrate the decreases experienced between the two administrations in ELA. In ELA, decreases were experienced by nearly all student groups. The only exception was for the English Learner student group that experienced an increase of less than 0.5%. However, this modest increase is likely attributed to the fact that many students were not reclassified during the pandemic period and thus the English Learner student group in 2022 was likely comprised of relatively higher performing students who would have otherwise been part of the RFEP student group.

While nearly all student groups did experience decreases in the percentage of students meeting and exceeding standard, the decreases were not experienced uniformly across student groups. Overall, in ELA the percent of students meeting and exceeding standard declined by -2.6% between 2022 and 2019. However, a handful of student groups experienced more significant declines, including: African American (-3.3%), Hispanic (-4.3%), Economically Disadvantaged (-3.7%), Foster Youth (-8.4%), and Homeless Youth (-6.0%)

Figure 11: SBA ELA Results by Race/Ethnicity, 2019 and 2022



*Figure 12: SBA ELA Results by Student Group, 2019 and 2022*

In the case of Mathematics, when comparing the results of 2019 and 2022, the declines experienced were more severe than those experienced in ELA. Overall, the percent of students meeting and exceeding standard declined by -5.2%. In addition, all student groups experienced declines during this period ranging from -1.9% for Students with Disabilities to -7.3% for Hispanic students. Additional details are provided in Figure 13 (Mathematics Results by Race/Ethnicity) and Figure 14 (Mathematics Results by Student Group).

Figure 13: SBA Mathematics Results by Race/Ethnicity, 2019 and 2022

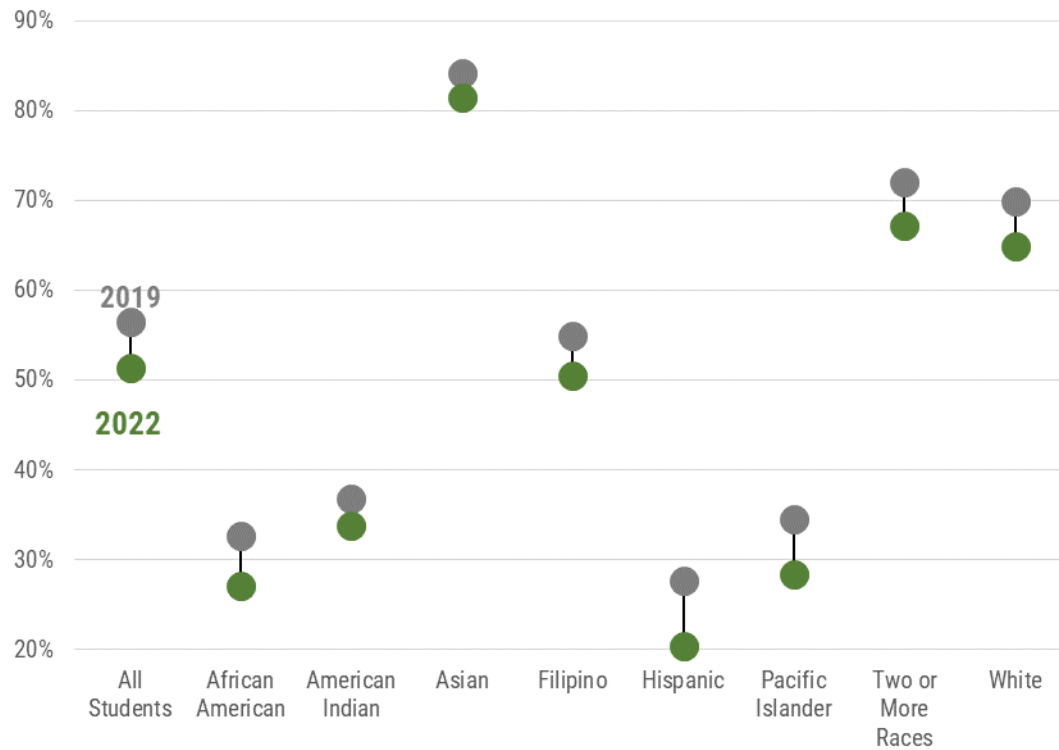
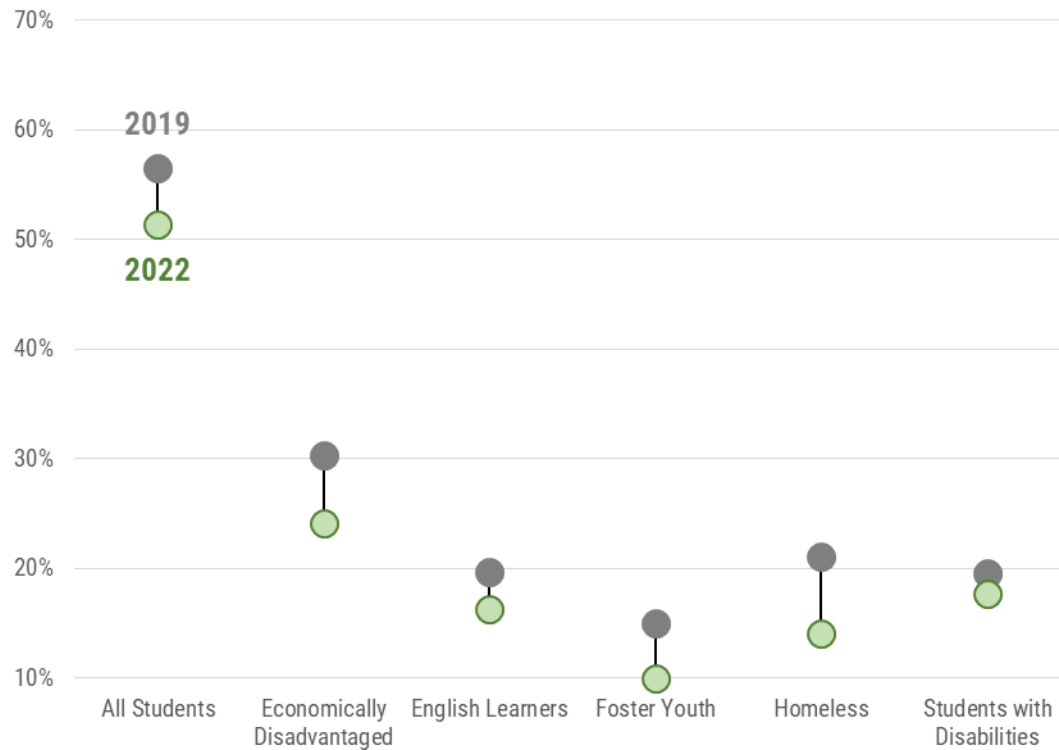


Figure 14: SBA Mathematics Results by Student Group, 2019 and 2022



Appendix A: Percent of Students Meeting and Exceeding Standard by Student Group

ELA RESULTS	All Students	African American	American Indian	Asian	Filipino	Hispanic	Pacific Islander	Two or More Races	White	Economically Disadvantaged	English Learners	Foster Youth	Homeless	Students with Disabilities
Santa Clara County 2019	63.3%	44.8%	45.0%	84.5%	68.4%	38.6%	46.4%	78.2%	76.5%	39.6%	17.1%	26.0%	30.7%	22.2%
Santa Clara County 2022	60.6%	41.5%	44.2%	83.8%	67.5%	34.3%	45.0%	75.0%	74.2%	35.9%	17.5%	17.6%	24.6%	20.7%
Statewide 2019	51.1%	33.2%	38.4%	77.1%	71.6%	40.8%	43.6%	65.7%	65.6%	39.2%	12.8%	24.0%	32.9%	16.4%
Statewide 2022	47.1%	30.3%	33.3%	75.3%	70.0%	36.4%	39.7%	59.9%	61.4%	35.2%	12.5%	20.6%	27.8%	15.6%

MATHEMATICS RESULTS	All Students	African American	American Indian	Asian	Filipino	Hispanic	Pacific Islander	Two or More Races	White	Economically Disadvantaged	English Learners	Foster Youth	Homeless	Students with Disabilities
Santa Clara County 2019	56.6%	32.7%	36.8%	84.2%	55.0%	27.7%	34.5%	72.1%	70.0%	30.4%	19.7%	15.0%	21.1%	19.6%
Santa Clara County 2022	51.4%	27.1%	33.8%	81.5%	50.5%	20.4%	28.4%	67.2%	64.9%	24.1%	16.3%	10.0%	14.0%	17.7%
Statewide 2019	39.7%	20.6%	26.6%	74.4%	59.5%	28.1%	32.6%	55.3%	54.2%	27.5%	12.6%	15.0%	22.7%	12.6%
Statewide 2022	33.4%	15.9%	20.7%	69.5%	54.2%	21.2%	24.6%	47.1%	48.2%	21.2%	9.7%	10.3%	15.9%	11.4%

Appendix B: Percent of Students Scoring by Performance Level and Grade Level

		English Language Arts							Mathematics						
		Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 11	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 11
Santa Clara County 2019	Scale Score	2451.9	2495.6	2535.7	2553.3	2580.6	2598.4	2628.3	2466.2	2506.3	2535.5	2557.0	2578.5	2599.2	2624.6
	% Exceeded	38.7%	39.7%	37.7%	30.4%	30.0%	29.6%	39.11%	38.1%	35.6%	38.4%	36.1%	37.7%	39.7%	31.1%
	% Met	21.5%	21.9%	26.8%	31.5%	34.2%	34.3%	27.31%	26.4%	24.5%	16.8%	18.1%	18.6%	15.8%	19.3%
	% Nearly Met	19.0%	15.4%	15.3%	19.2%	17.3%	19.3%	17.00%	16.9%	23.5%	21.2%	21.6%	19.1%	17.5%	18.4%
	% Not Met	20.8%	23.0%	20.3%	18.9%	18.5%	16.8%	16.58%	18.6%	16.5%	23.6%	24.2%	24.6%	27.0%	31.3%
Santa Clara County 2022	Scale Score	2442.7	2488.4	2527.0	2547.1	2578.2	2591.4	2632.1	2455.0	2494.3	2520.4	2544.4	2565.5	2580.2	2615.2
	% Exceeded	35.6%	37.6%	35.0%	28.9%	29.5%	28.5%	39.9%	35.0%	33.1%	33.7%	33.5%	33.5%	34.0%	30.0%
	% Met	21.0%	20.3%	25.6%	28.9%	33.4%	32.6%	27.3%	24.4%	21.8%	15.5%	16.5%	17.9%	14.4%	17.2%
	% Nearly Met	18.1%	16.2%	16.0%	20.3%	17.4%	19.2%	16.3%	17.0%	22.3%	21.1%	20.9%	19.4%	18.4%	17.1%
	% Not Met	25.3%	25.9%	23.4%	22.0%	19.8%	19.8%	16.5%	23.6%	22.8%	29.8%	29.2%	29.2%	33.2%	35.7%
Statewide 2019	Scale Score	2425.2	2466.1	2502.4	2524.8	2547.5	2560.8	2596.6	2434.3	2472.0	2495.3	2513.8	2526.6	2539.9	2563.9
	% Exceeded	26.4%	26.9%	23.7%	18.9%	18.2%	17.0%	27.10%	22.5%	20.0%	21.2%	19.9%	19.4%	20.8%	13.9%
	% Met	22.2%	22.6%	28.0%	31.2%	33.2%	32.4%	30.17%	27.7%	24.9%	16.8%	18.6%	18.5%	15.8%	18.4%
	% Nearly Met	23.4%	19.4%	19.9%	24.6%	22.2%	25.0%	21.38%	23.0%	30.3%	26.7%	27.3%	25.7%	22.6%	22.3%
	% Not Met	28.0%	31.2%	28.4%	25.4%	26.4%	25.7%	21.35%	26.8%	24.8%	35.3%	34.2%	36.5%	40.8%	45.5%
Statewide 2022	Scale Score	2408.6	2454.0	2491.4	2514.6	2542.4	2552.5	2589.6	2417.6	2454.5	2476.2	2497.6	2509.2	2517.8	2544.5
	% Exceeded	22.8%	23.5%	21.4%	17.1%	17.5%	15.8%	25.61%	19.1%	16.7%	16.9%	16.4%	15.6%	15.9%	11.8%
	% Met	19.4%	20.7%	25.7%	28.1%	31.8%	30.8%	29.19%	24.4%	21.6%	14.6%	16.0%	16.5%	13.4%	15.1%
	% Nearly Met	22.6%	20.2%	20.3%	25.4%	22.9%	25.4%	21.61%	22.1%	28.5%	25.5%	27.0%	25.6%	22.8%	21.3%
	% Not Met	35.3%	35.6%	32.6%	29.6%	27.9%	28.0%	23.59%	34.4%	33.3%	42.9%	40.6%	42.4%	48.0%	51.8%