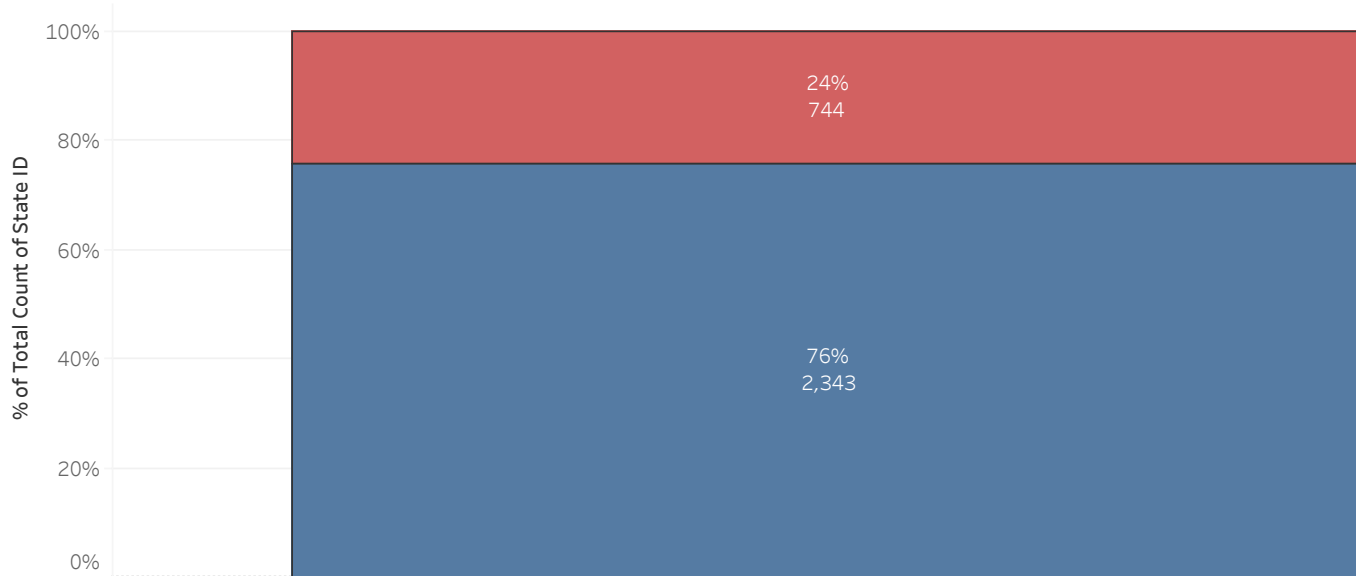


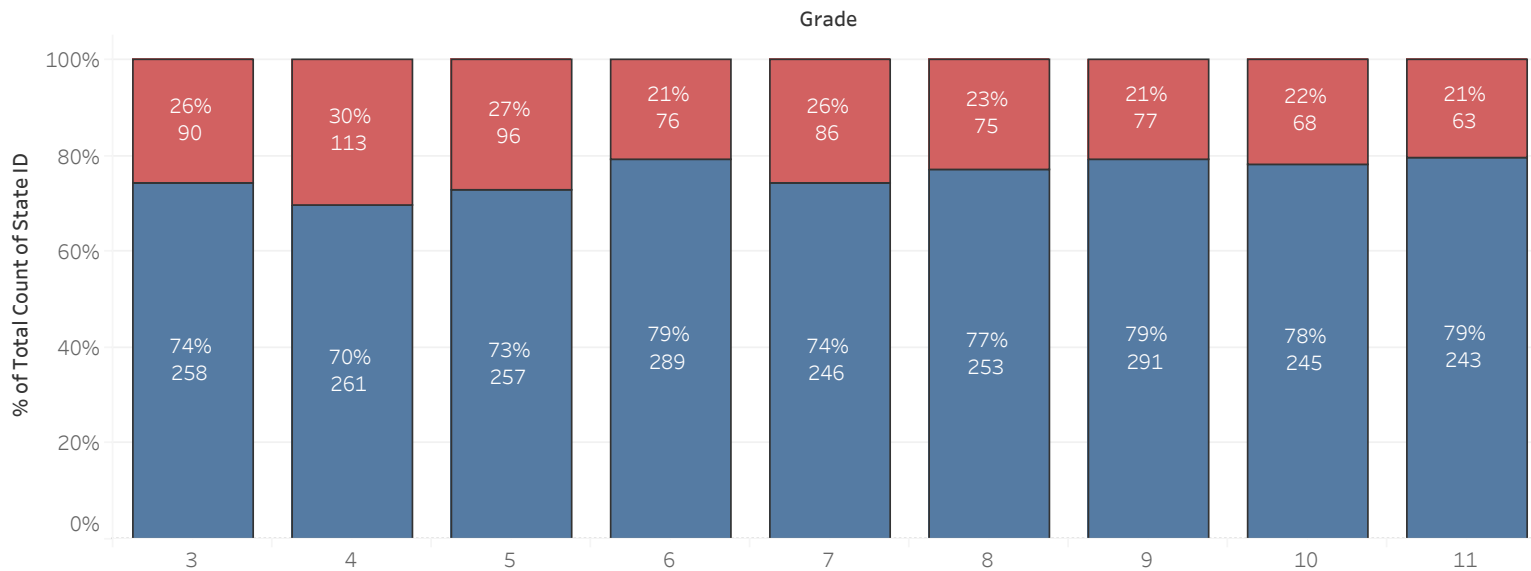
## Math 2018-19 ISASP

Math Achievement Levels  
■ Not Proficient  
■ Proficient



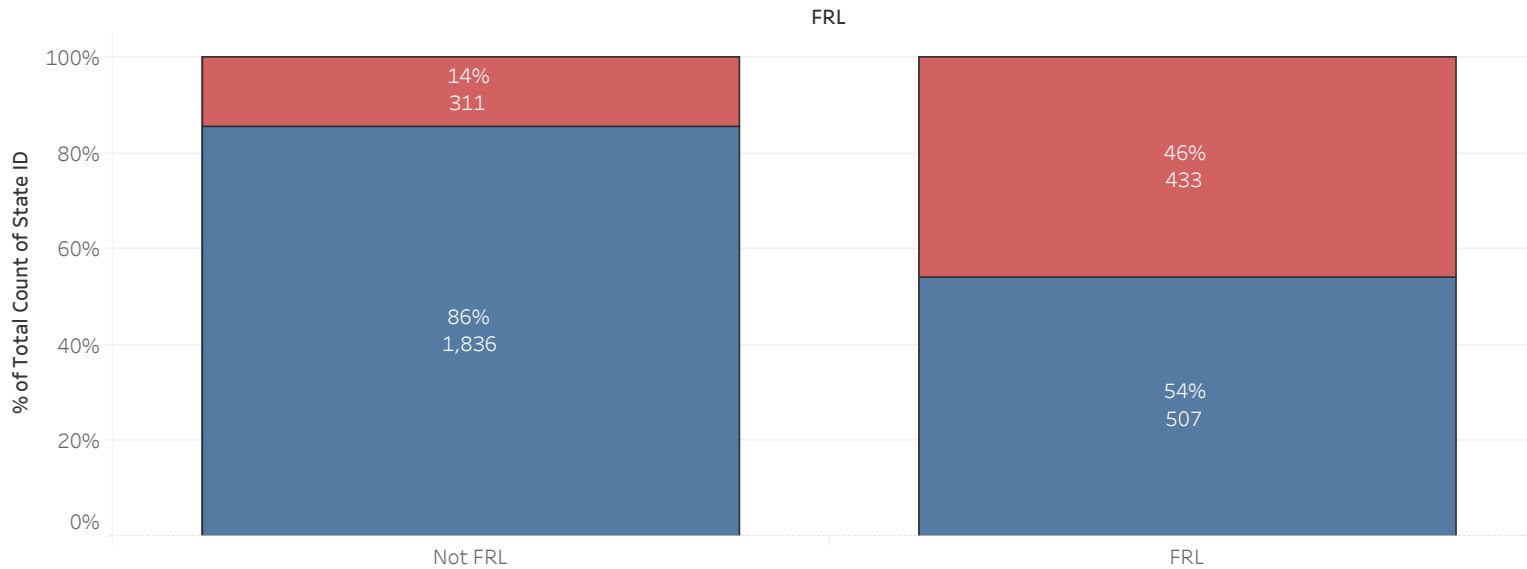
In the first year of the new ISASP test, of the 3,087 Ames students who took the math state test, 76% were Proficient or Advanced. The percentage of students proficient in each grade level remains fairly constant in each of the grades three through 11. The following pages show this same data broken down into the performance of specific groups of students.

## Math by Grade 2018-19 ISASP



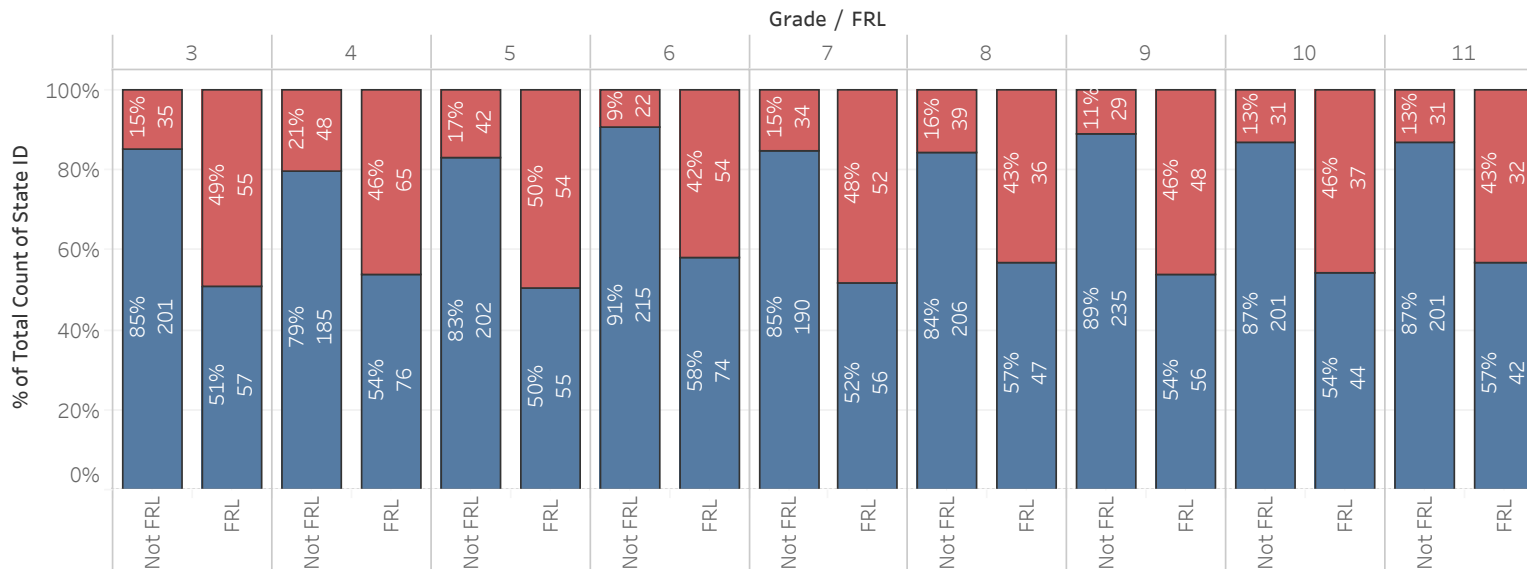
## Math by FRL 2018-19 ISASP

Math Achievement Levels  
■ Not Proficient  
■ Proficient



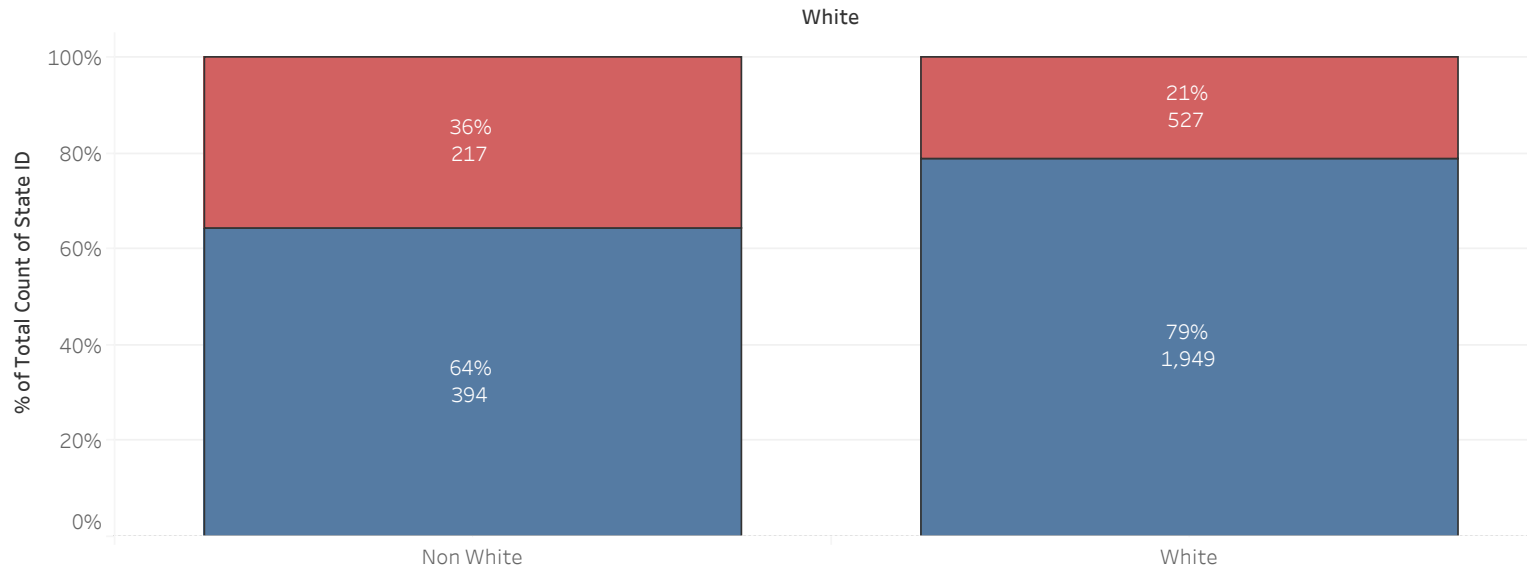
Eighty-six percent of students who are not on Free or Reduced Price Lunch (FRL) were Proficient or Advanced in 2019 on the State math test, whereas 54% of those identified as FRL were Proficient or Advanced (a gap of 32 percentage points). Depending on the grade-level, the gap ranges between 25 and 35 percentage points.

## Math by FRL by Grade 2018-19 ISASP



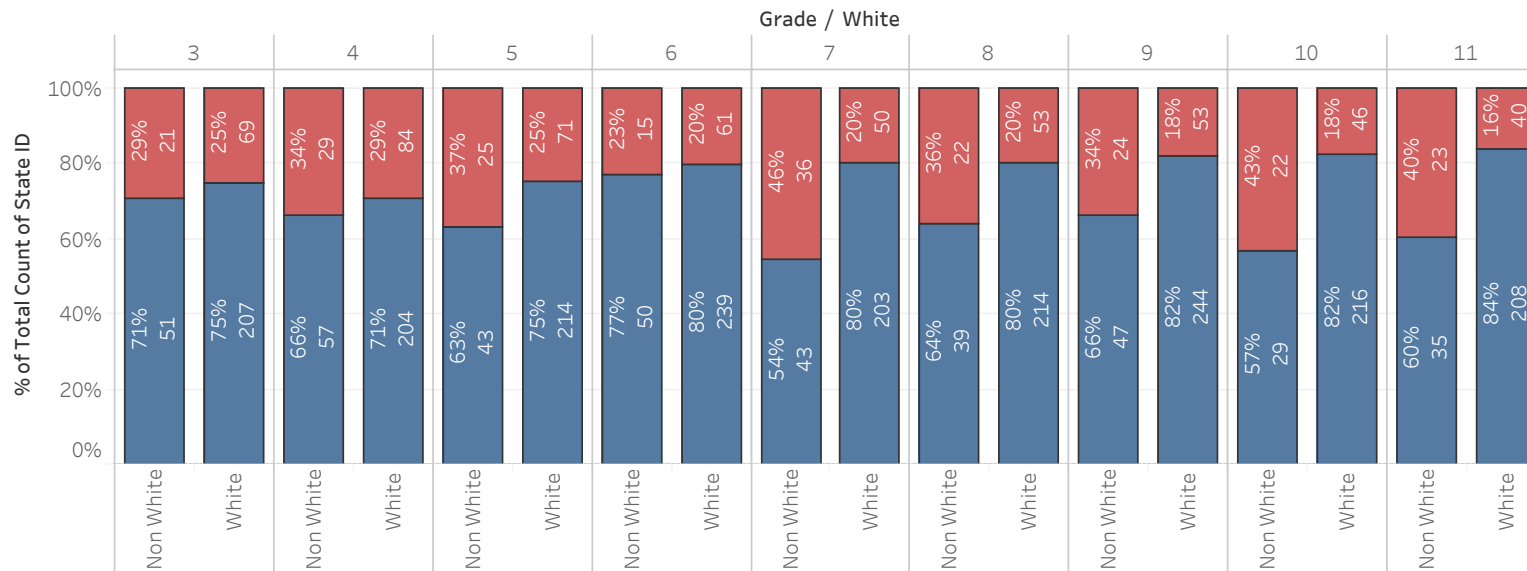
## Math by Race (White) 2018-19 ISASP

**Math Achievement Levels**  
■ Not Proficient  
■ Proficient



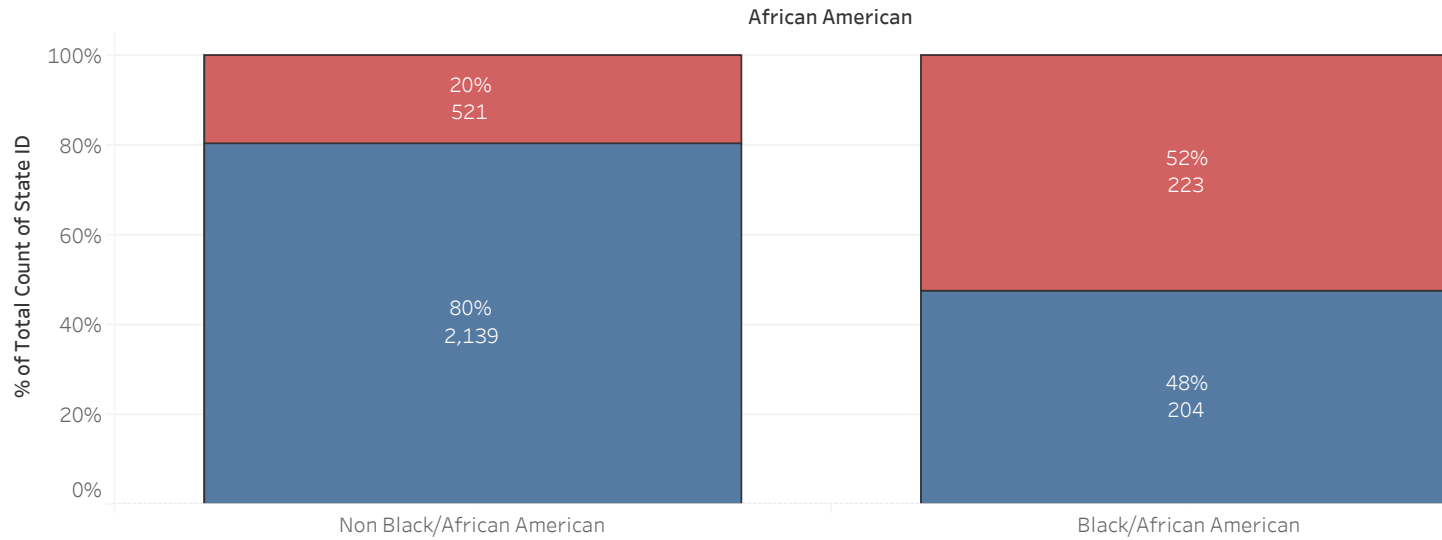
Seventy-nine percent of students who identify as white were Proficient or Advanced on the math state test, as opposed to 64% of those who identified as a non-white race. Gaps at grade-levels vary, with 6th grade having a three percentage point gap, and 7th grade having the largest gap of 26 percentage points.

## Math by Race (White) by Grade 2018-19 ISASP



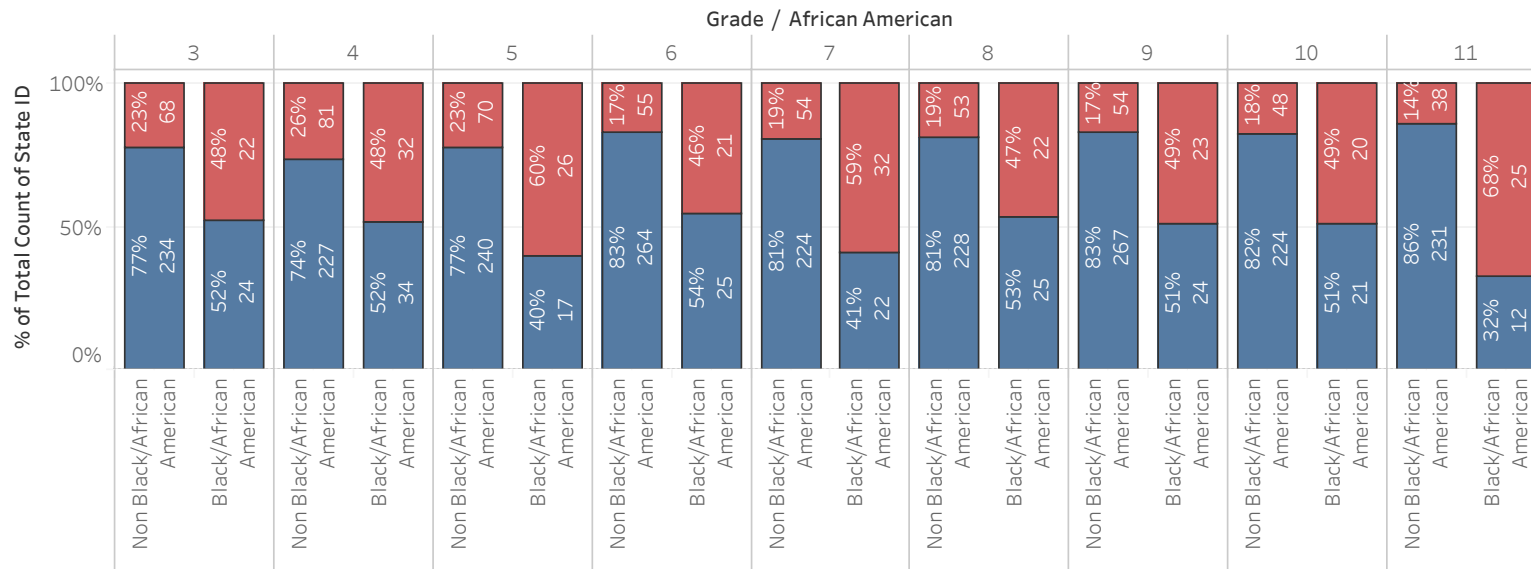
## Math by Race (Black/African American) 2018-19 ISASP

Math Achievement Levels  
■ Not Proficient  
■ Proficient



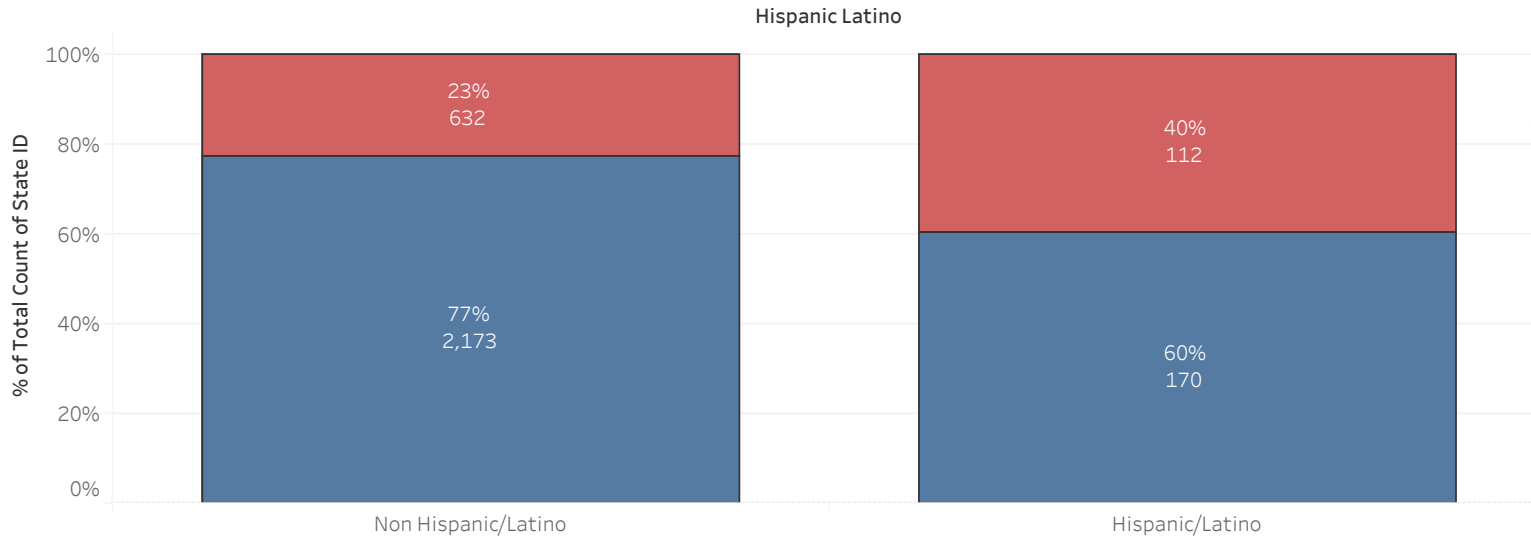
Forty-eight percent of students who identify as black or African-American were Proficient or Advanced on the math state test, as opposed to 80% of those who identified as a race other than Black or non-African-American. Gaps at grade-levels vary with 4th grade having the smallest gap of 22 percentage points, and 11th grade with a 54 percentage point gap.

## Math by Race (Black/African American) by Grade 2018-19 ISASP



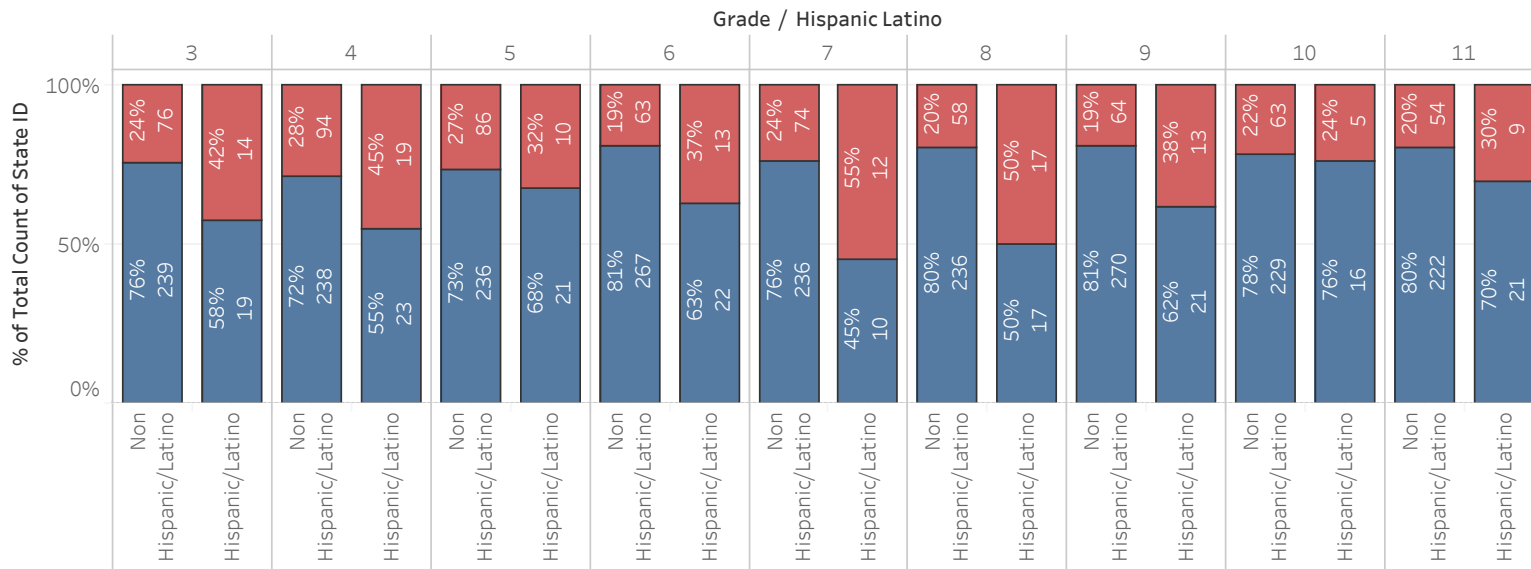
## Math by Race (Hispanic/Latino) 2018-19 ISASP

Math Achievement Levels  
■ Not Proficient  
■ Proficient



Sixty percent of students who identify as Hispanic/Latino were Proficient or Advanced on the math state test, as opposed to 77% of those who identified as a race other than Hispanic/Latino. Differences at grade-levels vary, with 5th and 10th grades having the smallest gaps of less than five percentage points. The largest differences are in 7th and 8th grade with 30 and 31 percentage point gaps.

## Math by Race (Hispanic/Latino) by Grade 2018-19 ISASP



ISASP MATH DOMAINS

Grade		<u>Math: Domain 1</u> Operations and Algebraic Thinkings(3-5), Ratios and Proportional Relationships(6-7), Functions(8),Geometry (9-11)		<u>Math: Domain 2</u> Numbers and Operations in Base Ten (3-5), The Number System (6-8), Statistics & Probability (9-11)		<u>Math: Domain 3</u> Numbers and Operations - Fractions (3-5), Expressions and Equations (6-8), Functions (9-11)		<u>Math: Domain 4</u> Measurement and Data (3-5), Statistics and Probability (6-8), Algebra (9-11)		<u>Math: Domain 5</u> Geometry (3-8), Number and Quantity (9-11)	
		%		%		%		%		%	
3	State	59 %		55 %		49 %		50 %		63 %	
	District	62.51 %	12	58.96 %	6	54.11 %	4	52.22 %	10	63.54 %	4
4	State	63 %		55 %		60 %		50 %		65 %	
	District	64.53 %	8	54.58 %	8	60.3 %	9	50.58 %	8	60.38 %	5
5	State	59 %		58 %		50 %		51 %		64 %	
	District	64.81 %	7	62.39 %	10	56.79 %	10	52.59 %	8	56.93 %	6
6	State	55 %		64 %		56 %		49 %		51 %	
	District	64.66 %	7	71.81 %	11	67.22 %	13	58.87 %	6	60.62 %	6
7	State	58 %		55 %		55 %		54 %		52 %	
	District	64.14 %	9	60.51 %	10	60.95 %	11	60.58 %	6	53.73 %	10
8	State	44 %		50 %		56 %		61 %		53 %	
	District	51.76 %	11	61.28 %	5	62.16 %	14	67.84 %	8	53.09 %	10
9	State	54 %		50 %		51 %		50 %		50 %	
	District	60.49 %	5	56.55 %	6	60.21 %	7	60.41 %	11	61.42 %	7
10	State	37 %		57 %		53 %		55 %		52 %	
	District	47.96 %	11	62.94 %	5	62.93 %	6	65.39 %	7	59.06 %	7
11	State	51 %		54 %		48 %		55 %		50 %	
	District	61.69 %	7	65.79 %	5	59.23 %	9	71.6 %	8	65.51 %	7

Each ISASP test is broken down into more specific domains, noted at the top of each column. Percentages indicate the percentage of ITEMS that were correct for each domain, identified by District and State-level averages. The whole numbers indicate the number of items possible for each domain and grade. With the exception of domain five in grades four and five, Ames students match or outperform the Iowa average on the math test.