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APS Advanced Placement SY2019 Overview

Data as of September 24, 2019

Updates to Business Rules

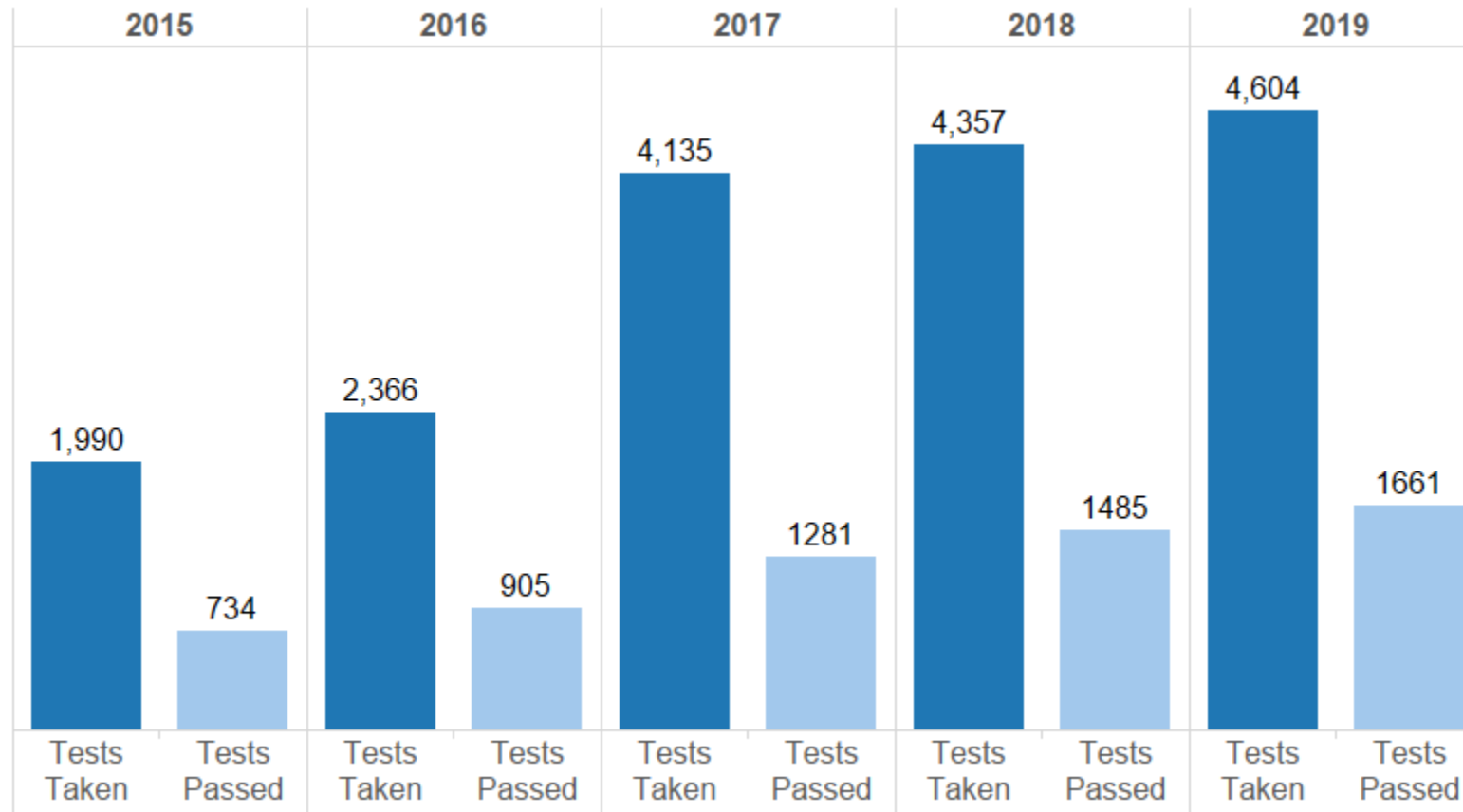
During the 2019 AP analysis, the APS team refreshed prior-year data to capture scores that were reported after College Board's initial data files were delivered. As a result, some historical data published in this year's AP brief do not match previously-reported numbers.

College Board states, "Although most scores are available in July, a small percentage may not be. Some scores take longer to process because of late testing or other special circumstances (for example, if testing materials are sent back to us late or we need extra time to match your records)."

Going forward, APS will publish a preliminary AP brief from data available from the initial data file and will refresh the previous year's data when the next analysis is completed (e.g. 2019 data will be refreshed and finalized in the 2020 brief).

Advanced Placement Tests Taken and Tests Passed (score of 3, 4 or 5), 2015-2019

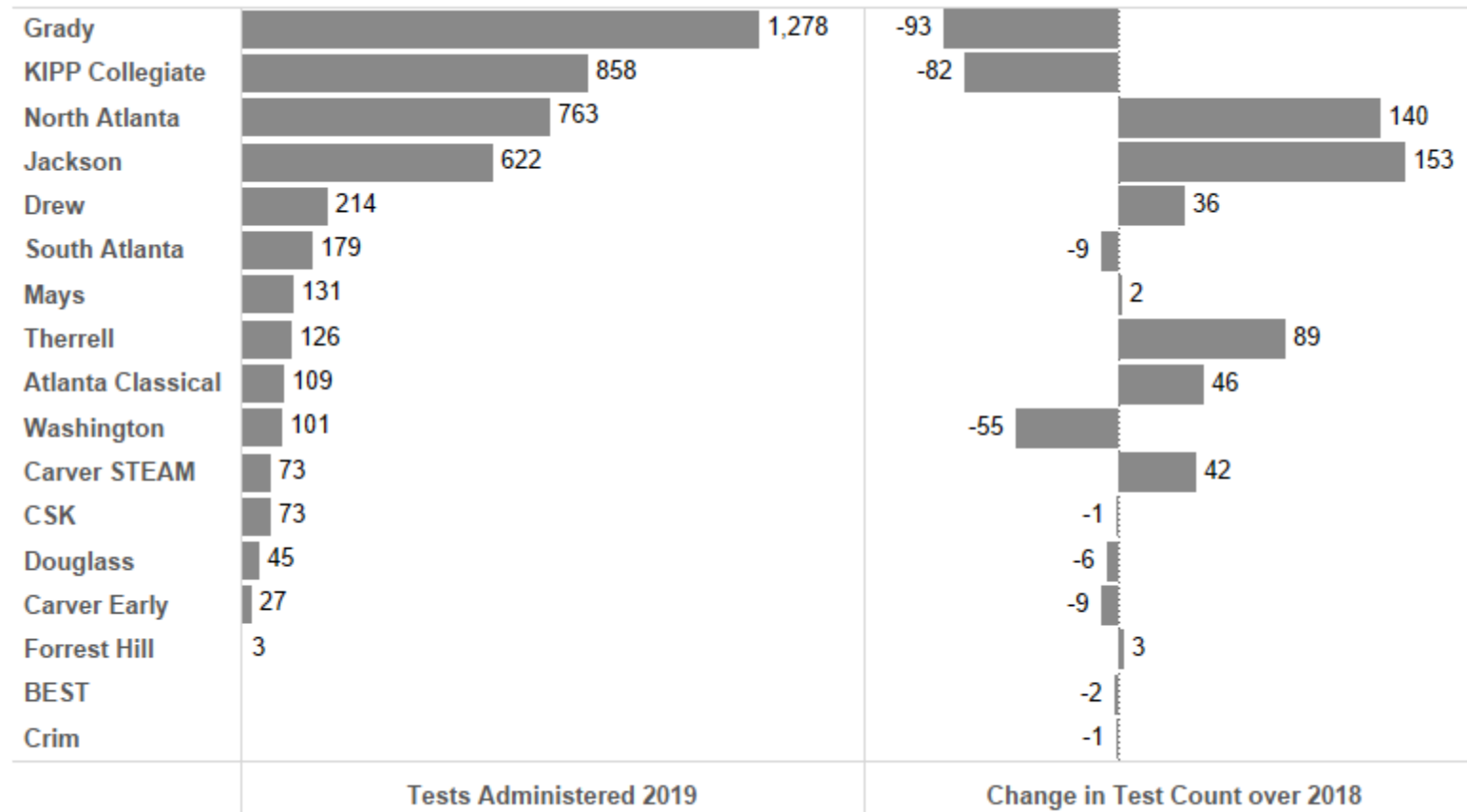
APS saw an increase (+247) in the number of Advanced Placement (AP) tests administered in 2019. The total number of tests passed also increased (+176).



Note: beginning in 2019, prior-year data were refreshed to capture scores that were reported after College Board's initial data file was delivered. Consequently, there are slight changes in previously-reported numbers.

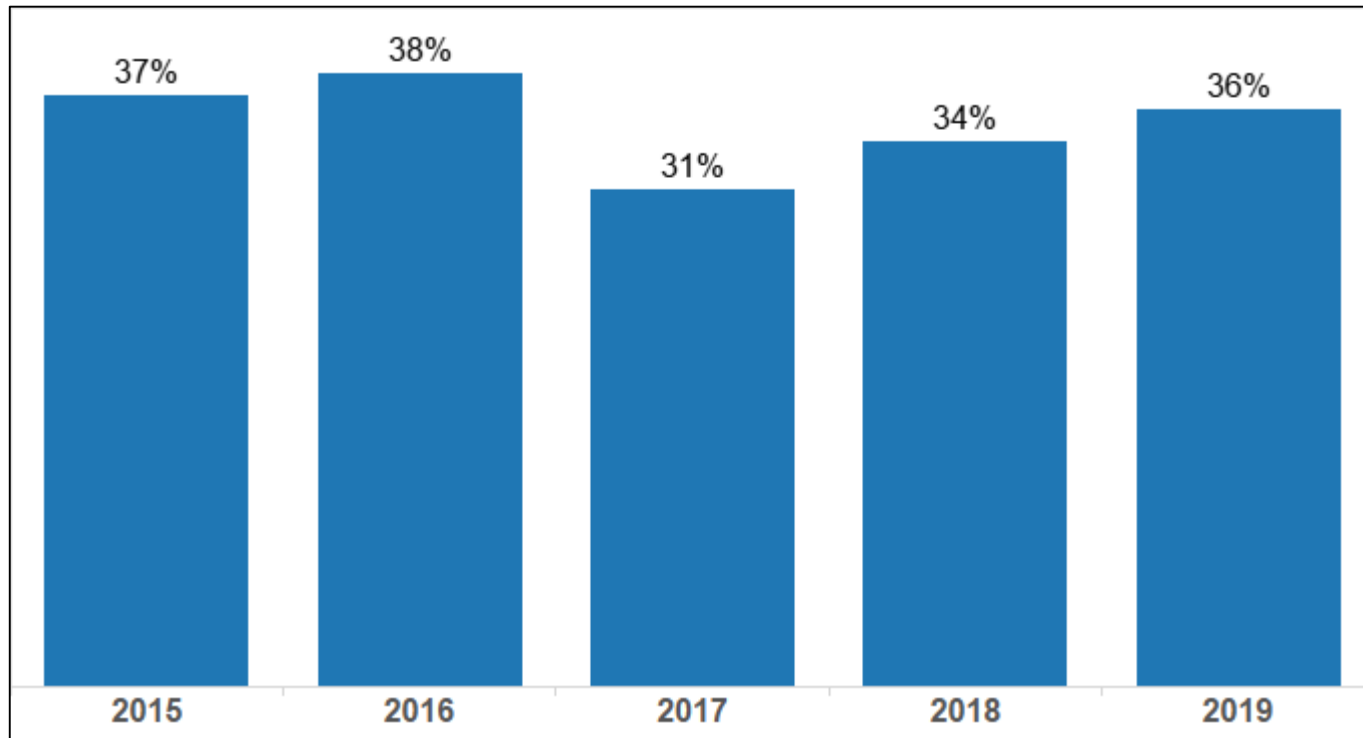
Count of 2019 AP Tests Taken by School; Change in Test Count Compared to 2018

Grady administers the highest number of AP exams in the district. Jackson had a large increase (+153) in the number of AP exams administered when compared to the previous year. While the total number of AP tests administered district-wide went up, nine schools (more than half) had a decrease in tests administered.



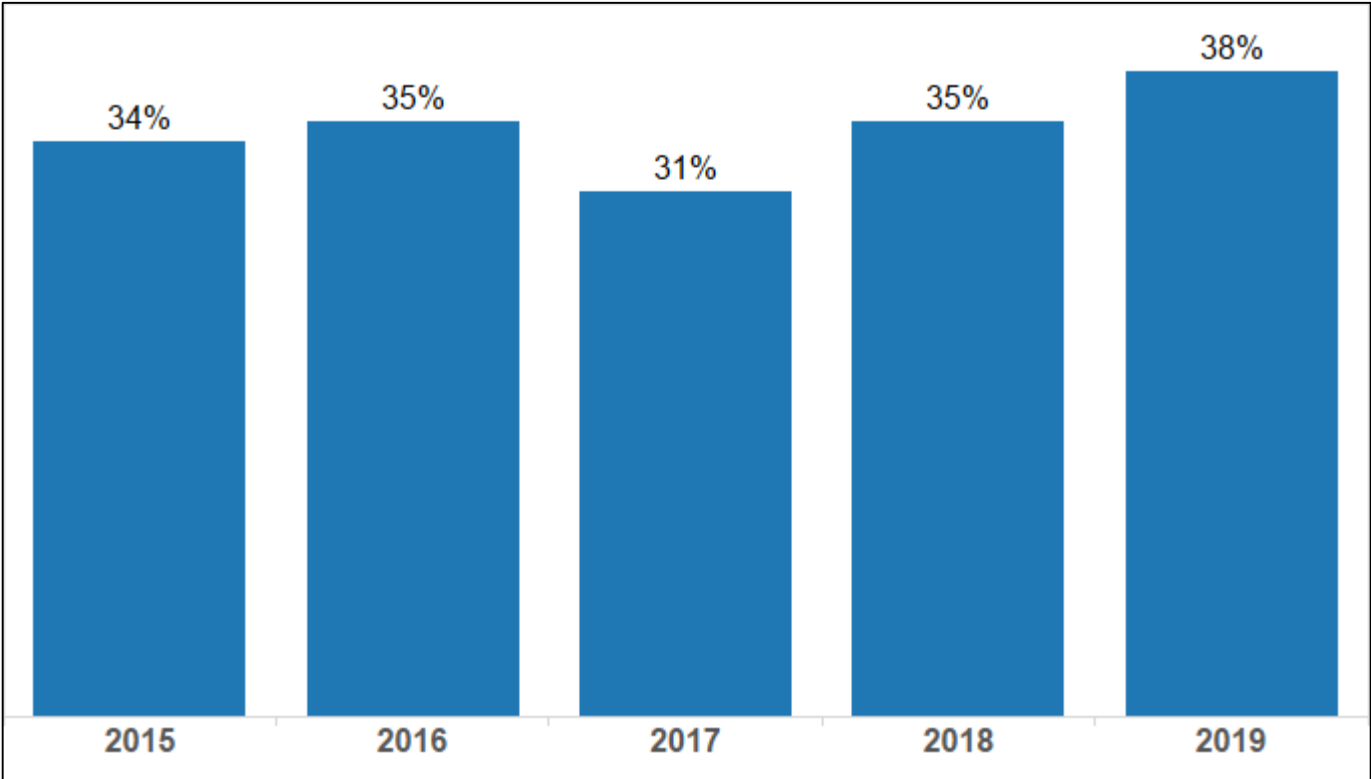
AP Test Pass Rate, 2015-2019

Thirty-six percent of AP tests taken in 2019 were passed (a score of a 3, 4, or 5). This is up two percentage points from the previous year. The district saw a large increase in the number of tests administered between 2016 and 2017, which contributed to the drop in pass rates between 2016 and 2017.



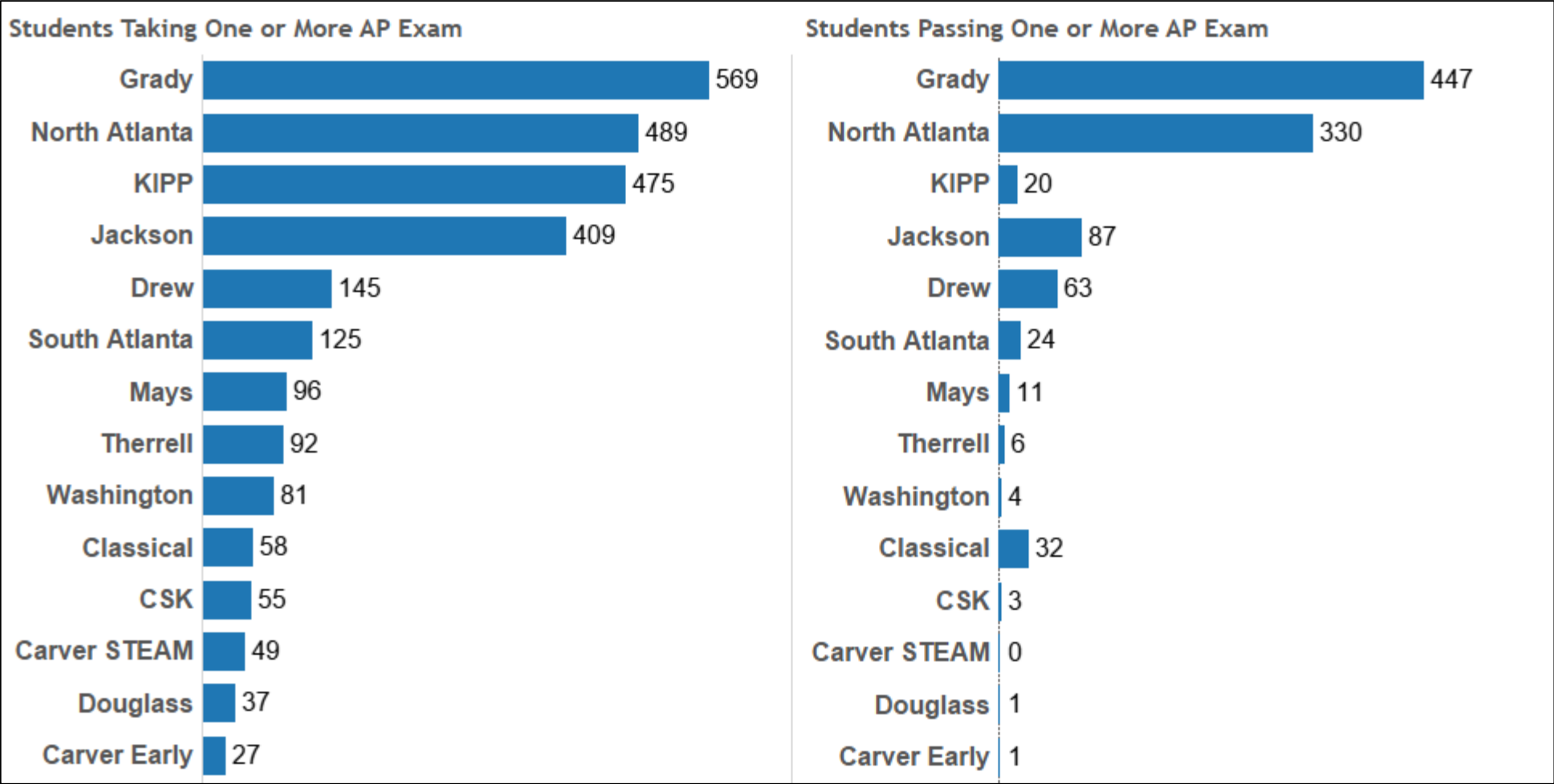
Percent of Students Passing One or More Attempted AP Exam, 2015-2019

Some students take multiple exams. Thirty-eight percent of individual students who took an exam passed at least one of them in 2019.



Counts of Students Taking 1+ AP Exam and Students Passing 1+ AP Exam, 2019

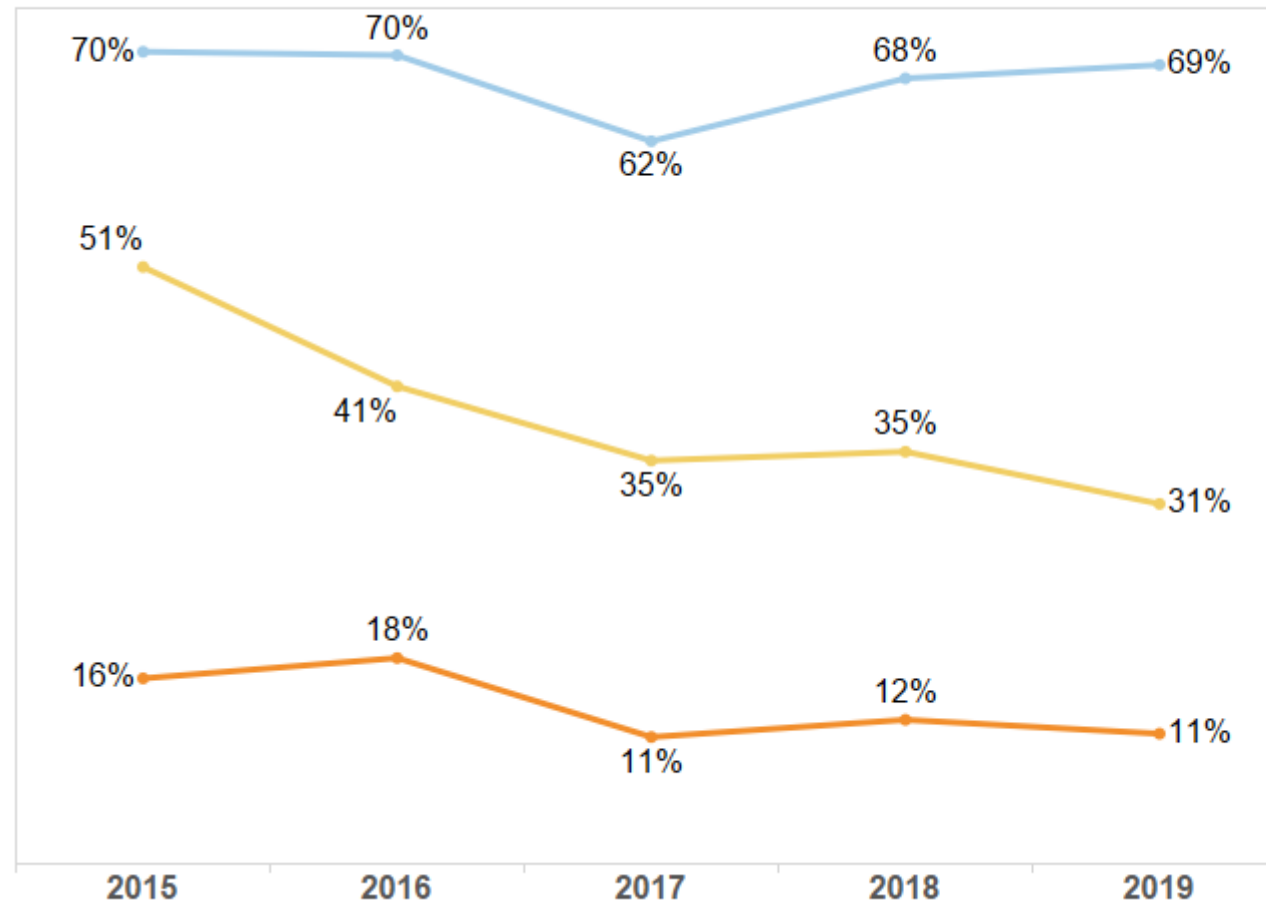
While students taking AP exams were spread out across the district, the majority of students passing AP exams were concentrated at a few schools.



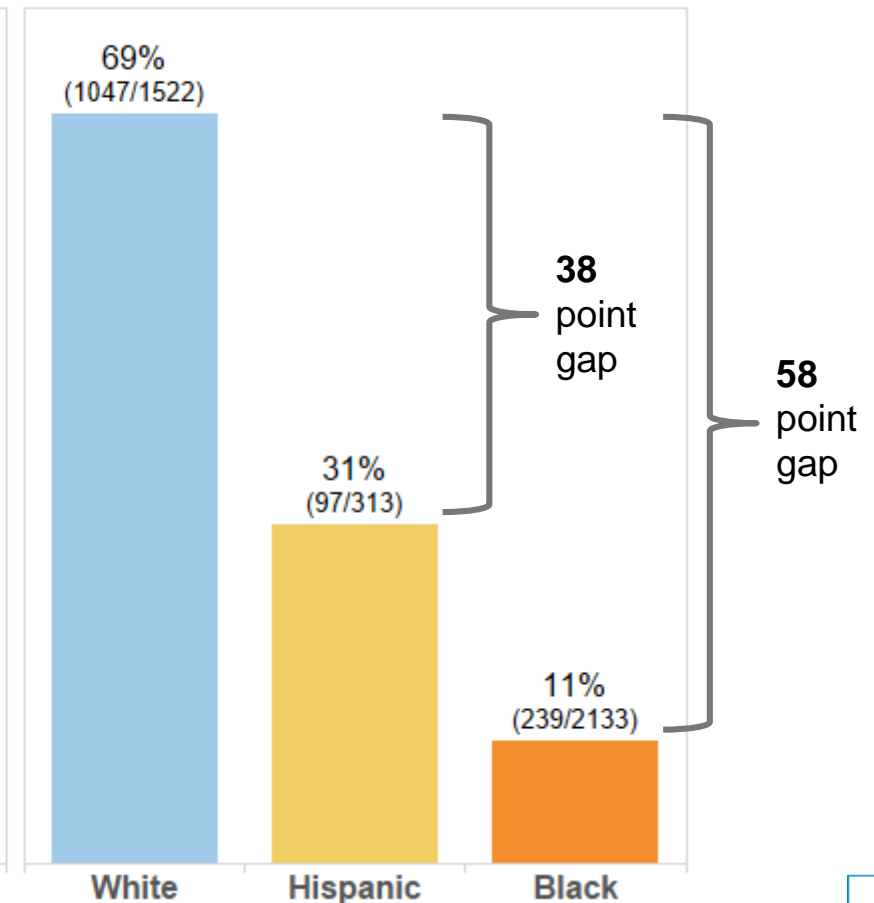
AP Test Pass Rates by Race, 2015-2019

The percentage of tests passed differs dramatically by race. In 2019, the percentage of tests passed by white students was 58 percentage points higher than the pass rate for black students.

Test Pass Rate by Race, 2015-2019



Pass Rate Gap, 2019



Test Counts and Pass Rates by Subject, 2018-2019

Social Studies and English were the most tested subjects.

Pass rates vary greatly. Of subjects in which more than 100 APS students were tested in 2019, Seminar had the highest pass rate (76%) and Macroeconomics had the lowest pass rate (18%).

Physics 1 had the largest increase in test takers (up to 156 from 79).

Test Subject	2018		2019	
World History	706	30%	619	33%
U.S. History	625	21%	593	23%
English Language and Composition	603	35%	610	32%
Human Geography	392	53%	451	60%
English Literature and Composition	352	19%	371	23%
Statistics	234	10%	257	19%
Biology	160	40%	228	33%
Psychology	195	43%	163	47%
Calculus AB	132	58%	187	48%
Seminar	153	55%	118	76%
Macroeconomics	105	15%	147	18%
Physics 1	79	30%	156	26%
Spanish Language	89	47%	77	70%
Environmental Science	83	8%	76	16%
Chemistry	71	15%	80	11%
Calculus BC	62	82%	72	74%
Government and Politics: U.S.	43	53%	81	49%
Computer Science Principles	38	55%	61	25%
Research	50	28%	36	28%
Microeconomics	33	45%	41	44%
European History	30	57%	24	79%
Studio Art 2d Design	32	94%	19	89%
French Language	19	68%	27	56%
Physics 2	18	44%	28	21%
Latin - Vergil	11	73%	30	67%
Music Theory	13	8%	24	38%
Government and Politics: Comparative	12	17%		
	Tests Taken	Percent Passed	Tests Taken	Percent Passed

Note: table excludes subjects with fewer than 10 students testing

Pass Rates and Test Counts by School, 2015-2019

At the school-level, the percentage of tests passed ranges from 67 percent (Grady) to zero.

Drew, Grady, Jackson, South Atlanta and Therrell saw increase in their pass rates when compared to the previous year.

	2015	2016	2017	2018	2019
Atlanta Classical			75% (N=12)	92% (N=63)	40% (N=109)
Grady	69% (N=545)	73% (N=677)	55% (N=1,349)	58% (N=1,371)	67% (N=1,278)
North Atlanta	61% (N=336)	52% (N=408)	53% (N=602)	63% (N=623)	60% (N=763)
Drew	34% (N=56)	40% (N=88)	35% (N=159)	32% (N=178)	36% (N=214)
Carver Early	0% (N=21)	7% (N=60)	24% (N=38)	6% (N=36)	4% (N=27)
Mays	13% (N=117)	15% (N=143)	14% (N=160)	16% (N=129)	12% (N=131)
CSK		4% (N=55)	14% (N=72)	8% (N=74)	5% (N=73)
Jackson	15% (N=143)	14% (N=166)	12% (N=459)	20% (N=469)	23% (N=622)
Therrell		17% (N=64)	7% (N=68)	5% (N=37)	6% (N=126)
KIPP Collegiate	28% (N=178)	28% (N=198)	6% (N=577)	3% (N=940)	3% (N=858)
South Atlanta			6% (N=236)	9% (N=188)	15% (N=179)
Washington	15% (N=65)	15% (N=81)	4% (N=190)	6% (N=156)	4% (N=101)
Douglass	1% (N=108)	1% (N=85)	3% (N=123)	4% (N=51)	2% (N=45)
BEST		17% (N=12)	0% (N=17)		
Carver STEAM			0% (N=67)	0% (N=31)	0% (N=73)
	Percent Passed	Percent Passed	Percent Passed	Percent Passed	Percent Passed

Notes:
 Table excludes schools with fewer than 10 tests administered.
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Student Body Taking an AP Course, an AP Exam, and Passing an AP Exam, 2019

Looking at the student body as a whole helps us understand what percentage of APS students are taking, testing and passing AP exams, rather than focusing on just students who took take AP tests.

KIPP had the highest percentage of the student body taking an AP course at 73%, but only 3% of their student body passed an AP exam.

Classical, Grady, Drew, and North Atlanta all had more than 10 percent of their student body pass an AP exam.

Carver Early	12%	6%	0%
Carver STEAM	13%	11%	0%
Classical	37%	35%	19%
CSK	29%	29%	2%
Douglass	13%	4%	0%
Drew	37%	34%	15%
Grady	52%	42%	33%
Jackson	34%	33%	7%
KIPP	73%	64%	3%
Mays	20%	8%	1%
North Atlanta	29%	25%	17%
South Atlanta	22%	16%	3%
Therrell	15%	11%	1%
Washington	13%	12%	1%
	Student Body Took AP Course	Student Body Took AP Exam	Student Body Passed AP Exam

Note: table excludes schools with fewer than 10 tests administered.