

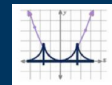
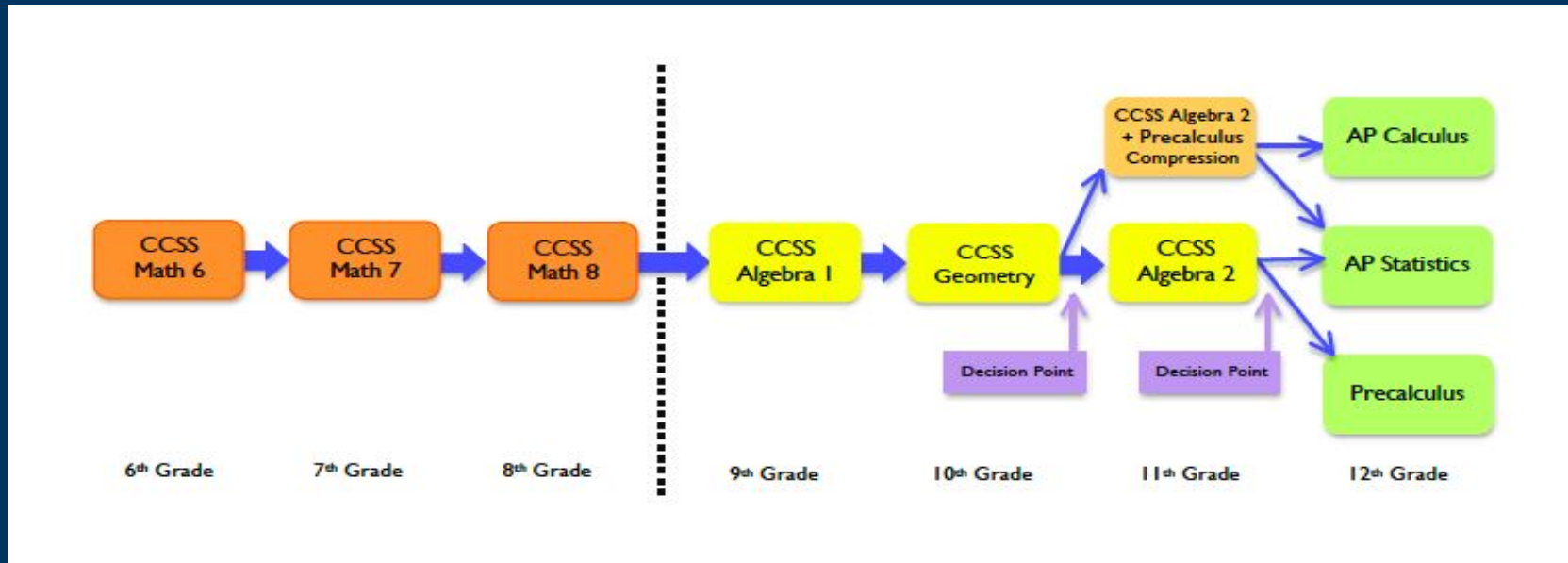
San Francisco Unified Math Data



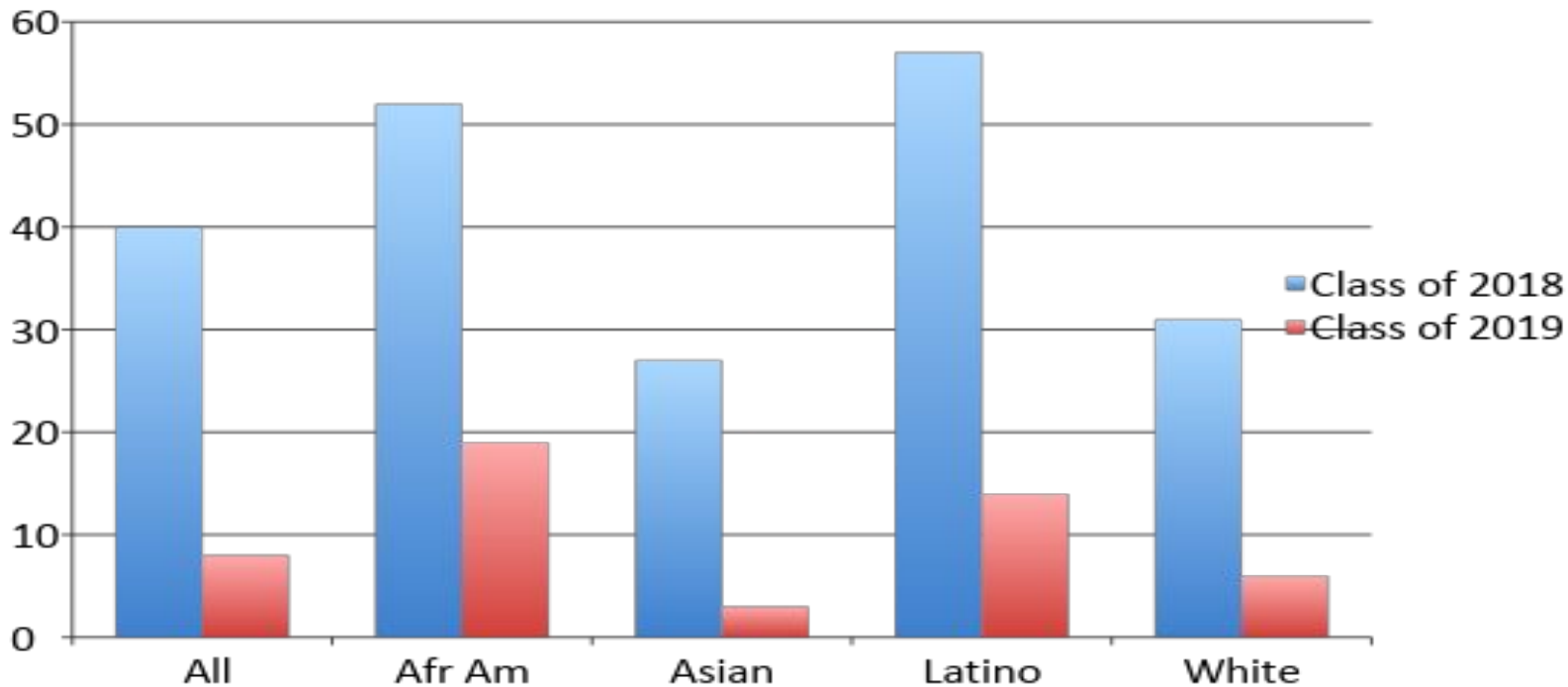
The following slides represent data from SFUSD regarding mathematics and the secondary course taking pathways.



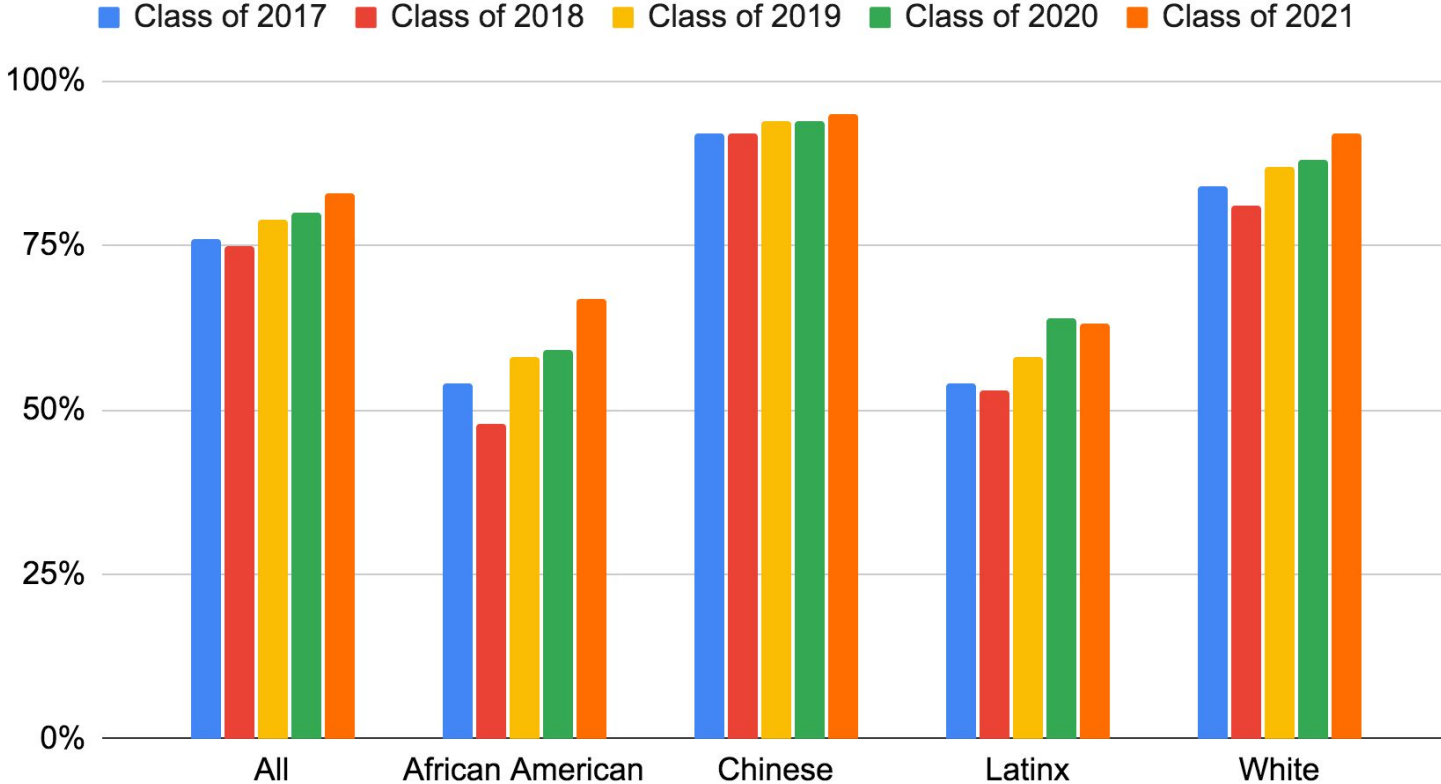
Math Course Sequence Policy Adopted by Board of Ed February 2014



Algebra 1 Repeat Rate, Ethnicity



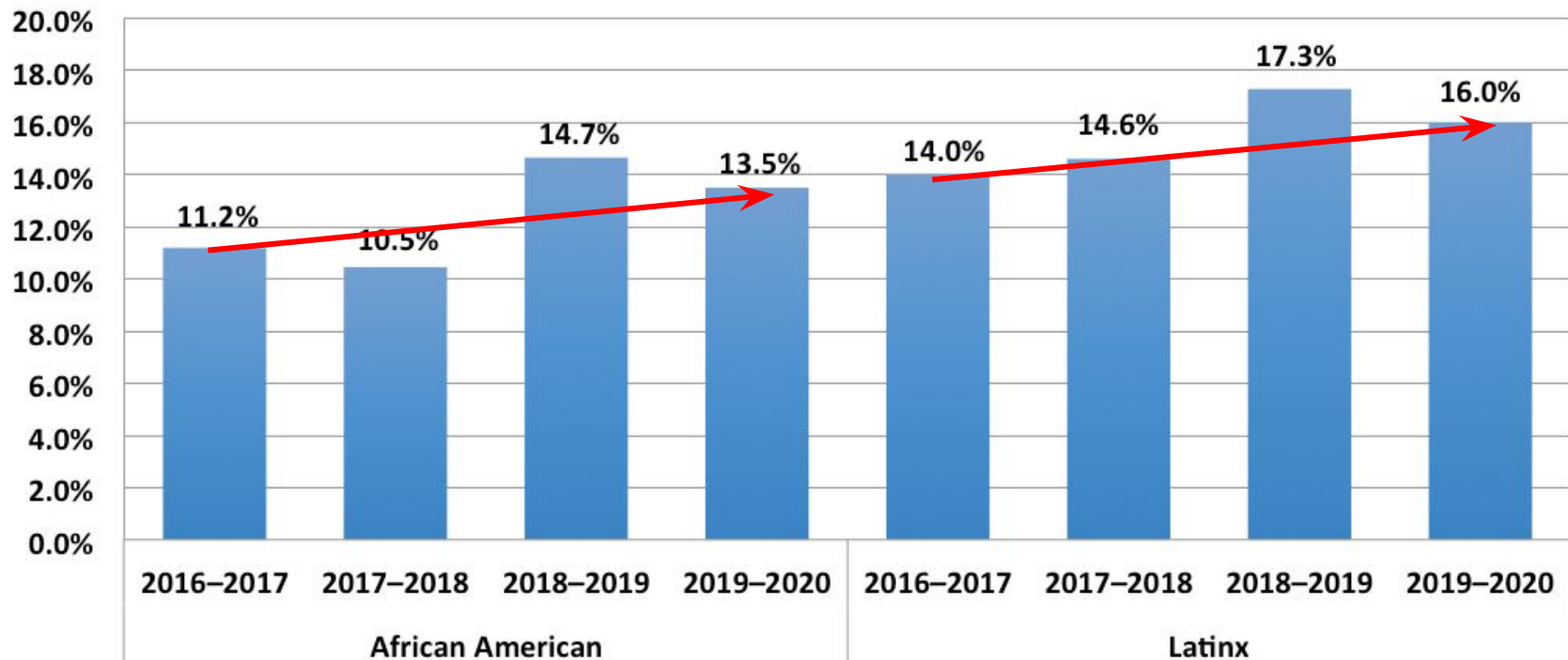
% Students Meeting Math Requirements by End of 3rd Year



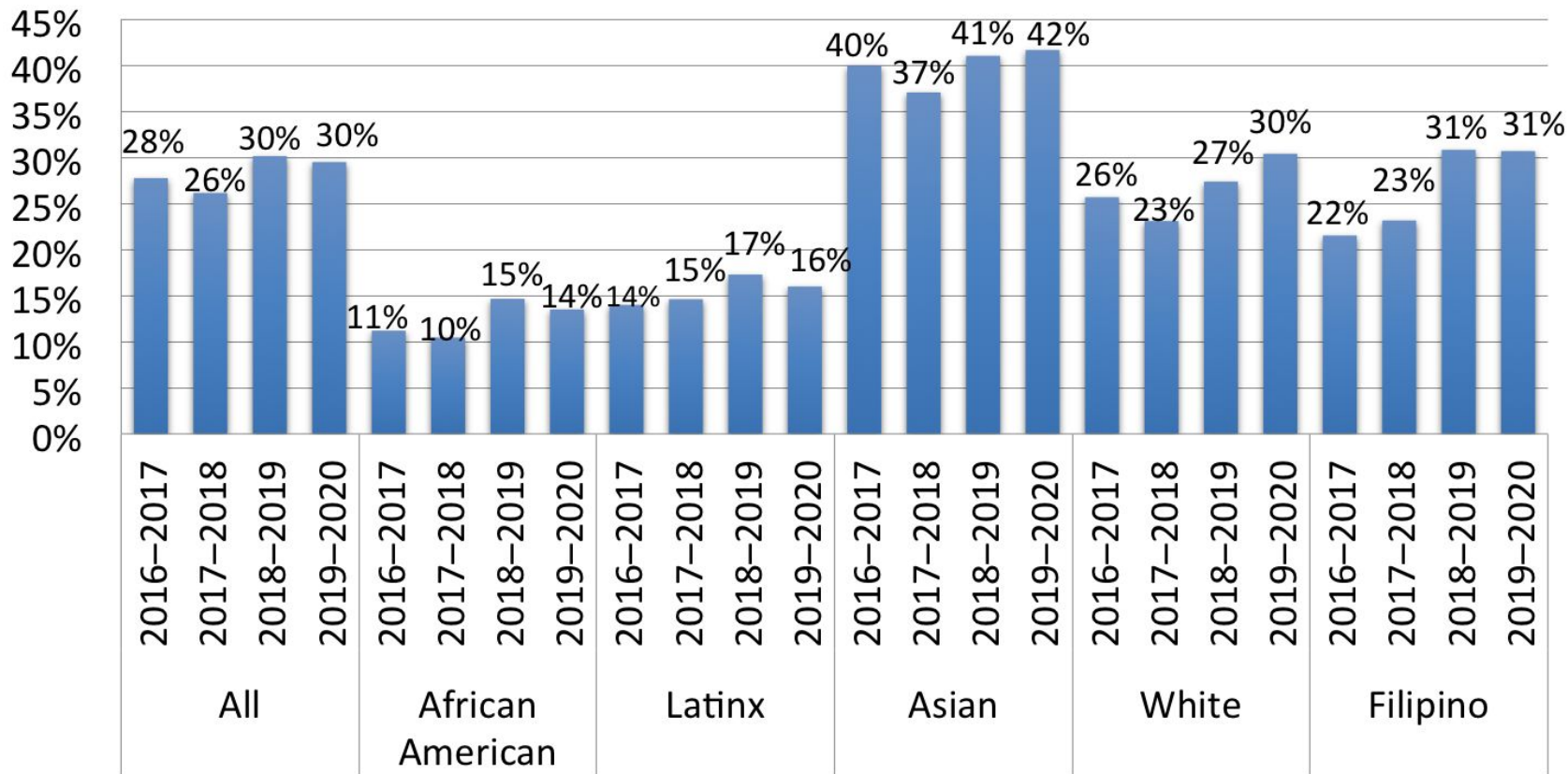
SAN FRANCISCO UNIFIED SCHOOL DISTRICT *SFUSD math graduation requirement is 3 years of math including Algebra 2, with Ds or above.



Percent of those in Advanced Math Courses (Beyond Alg 2) within the Total HS Enrollment of an Ethnic/Racial Group

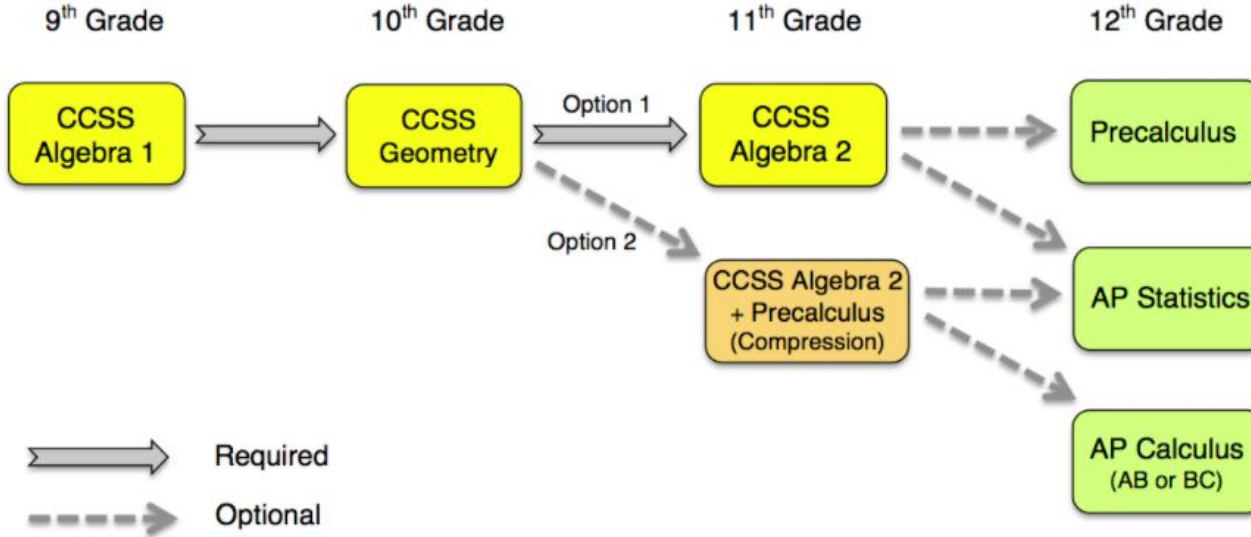


Percent of those in Advanced Math Courses (Beyond Alg 2) within the Total HS Enrollment of an Ethnic Group



Current High School Acceleration Options

1. SFUSD Recommended Sequence

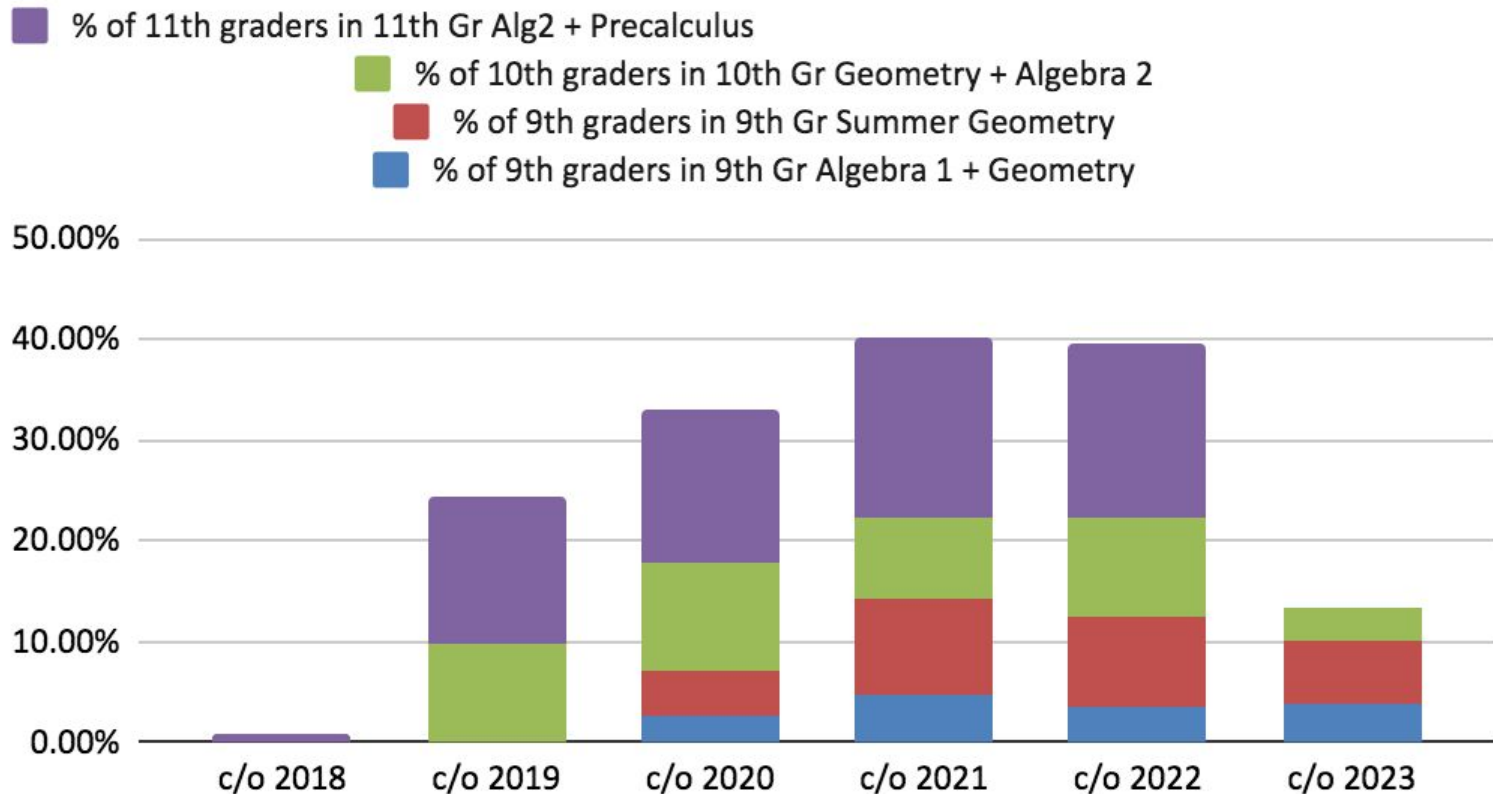


2. Doubling up Geometry and Algebra 2 in 10th grade

3. Doubling up Algebra 1 and Geometry in 9th grade

4. Accelerated Summer Geometry

% Students Enrolled in Acceleration Option



Enrollment in AP Mathematics

	Total AP Calc Students	Total AP Stats Students	Total AP Math Enrollment
2016–2017	1137	504	1641
2017–2018	1145	528	1673
2018–2019	950	705	1655
2019–2020	1028	737	1765
2020–2021	1085	734	1819

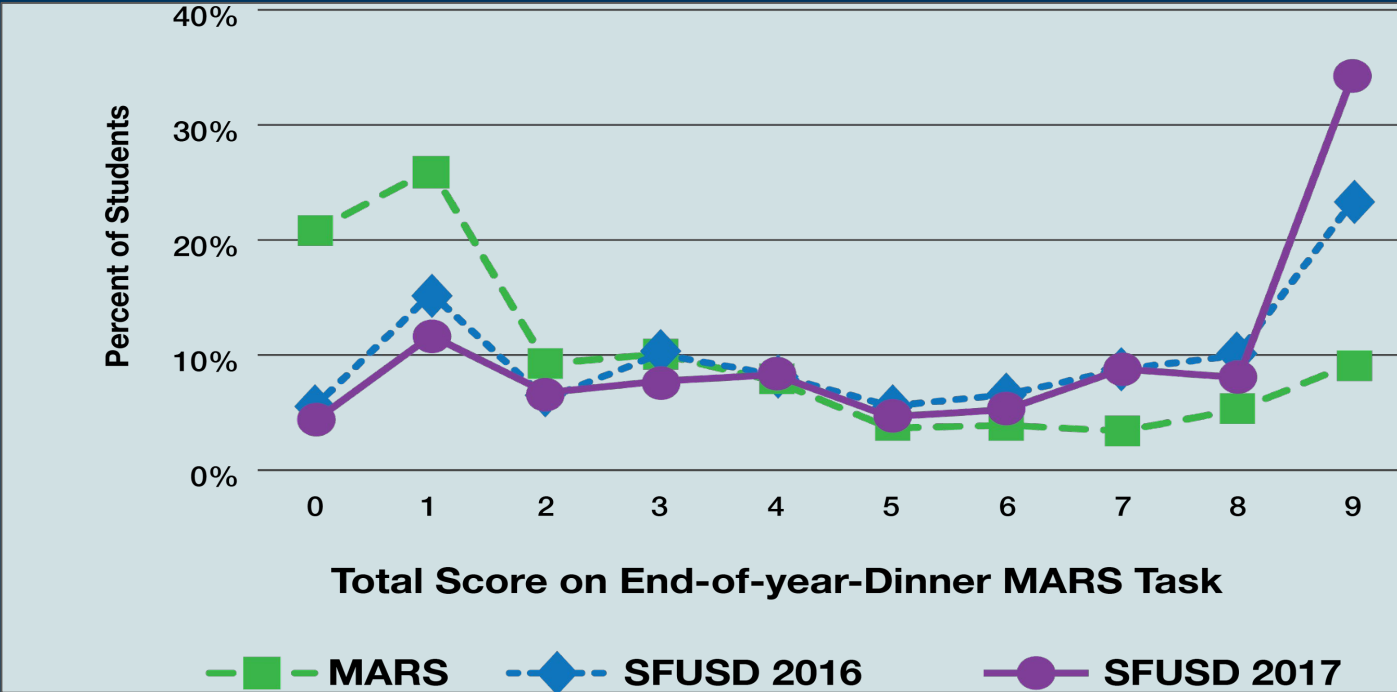
Enrollment in AP Mathematics

All AP	African American 6.9%	Latinx 28.30%	Chinese Asian: 38.9%	White 11.5%	Total AP Math
2016–2017	1.28% 21	7.07% 116	58.93% 967	9.20% 151	1641
2017–2018	32	131	969	165	1673
2018–2019	19	142	896	179	1655
2019–2020	31	139	950	219	1765
2020–2021	1.32% 24	8.85% 161	53.00% 964	12.04% 219	1819

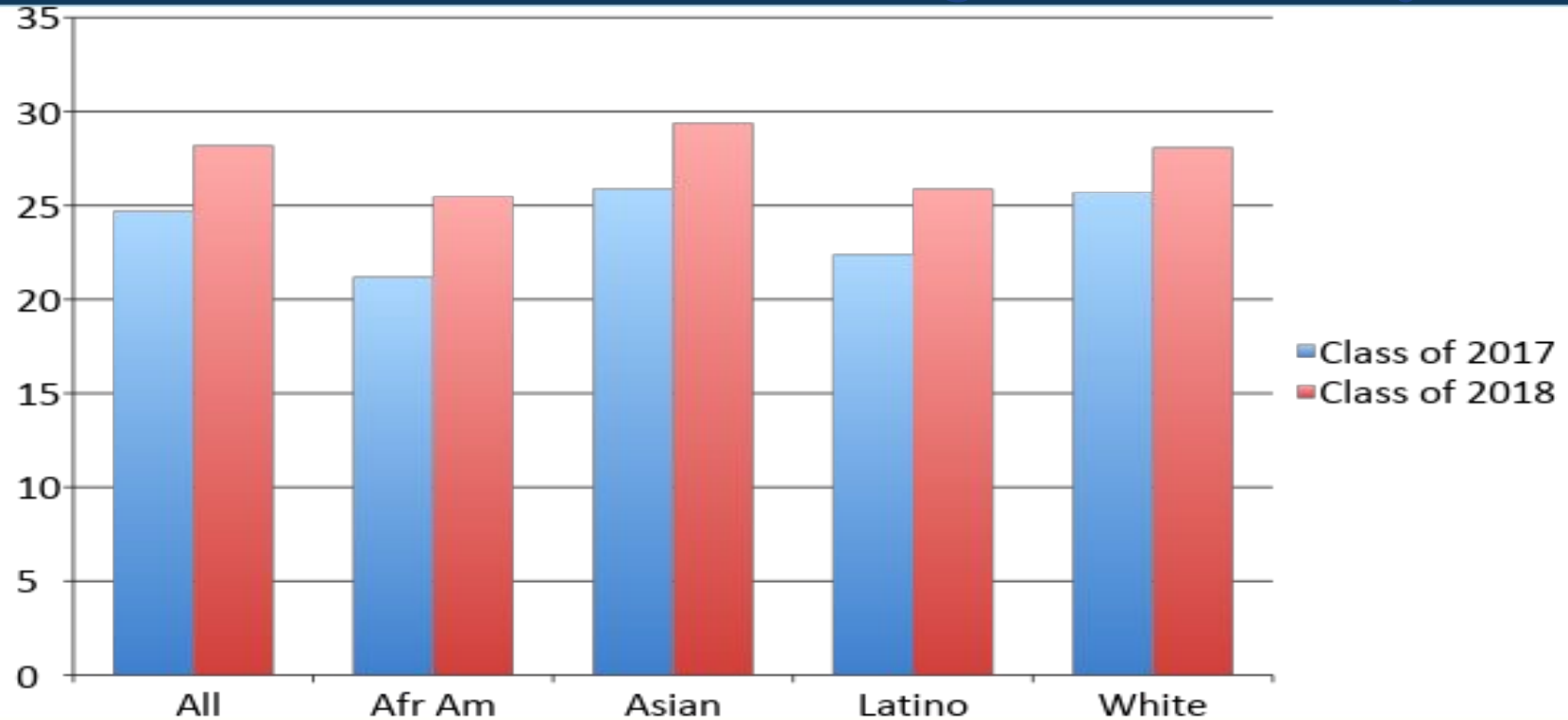
Red: % of a racial/ethnic group compared to the total of all AP Math students
 Blue: % of a racial/ethnic group compared to the total HS population in 2019–2020



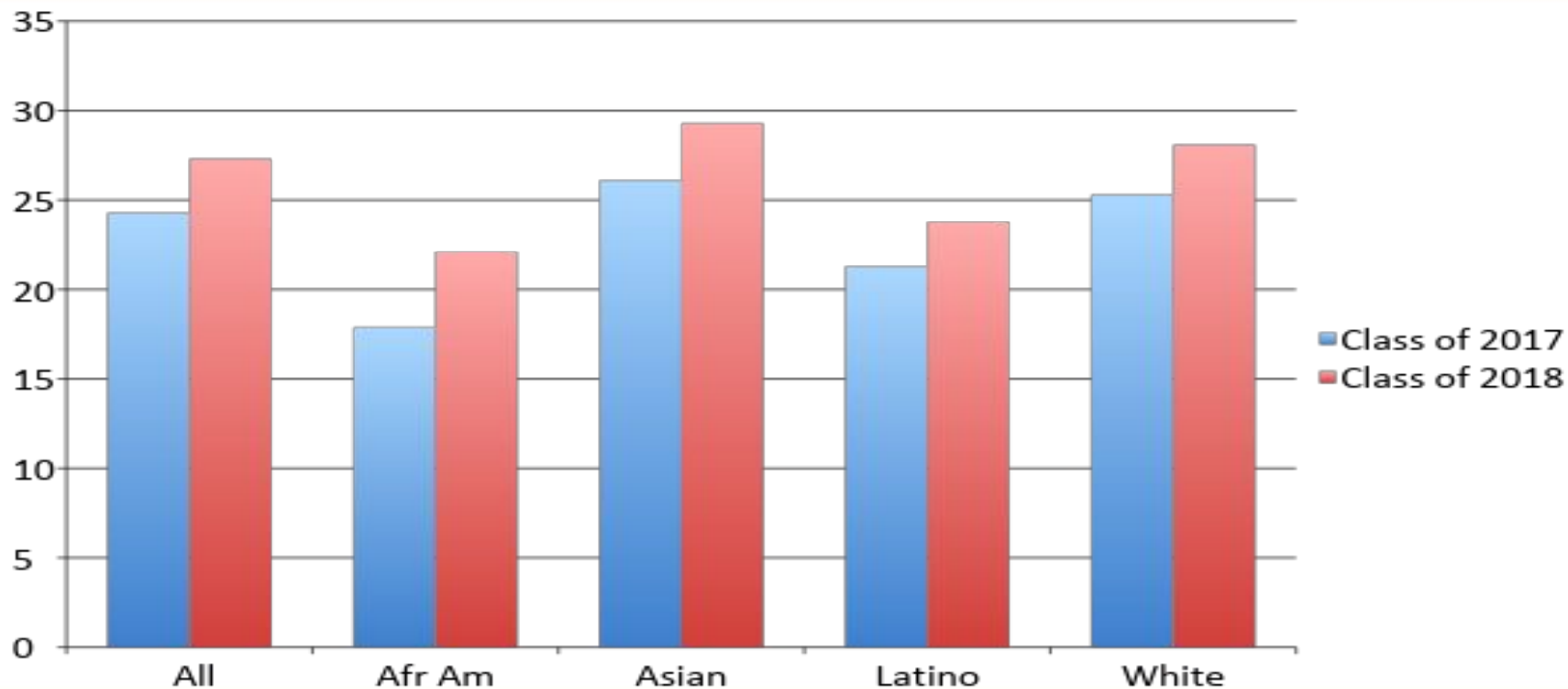
SRI's Final Report: Year 3 SFUSD STEM Learning Initiative Evaluation, June 2017



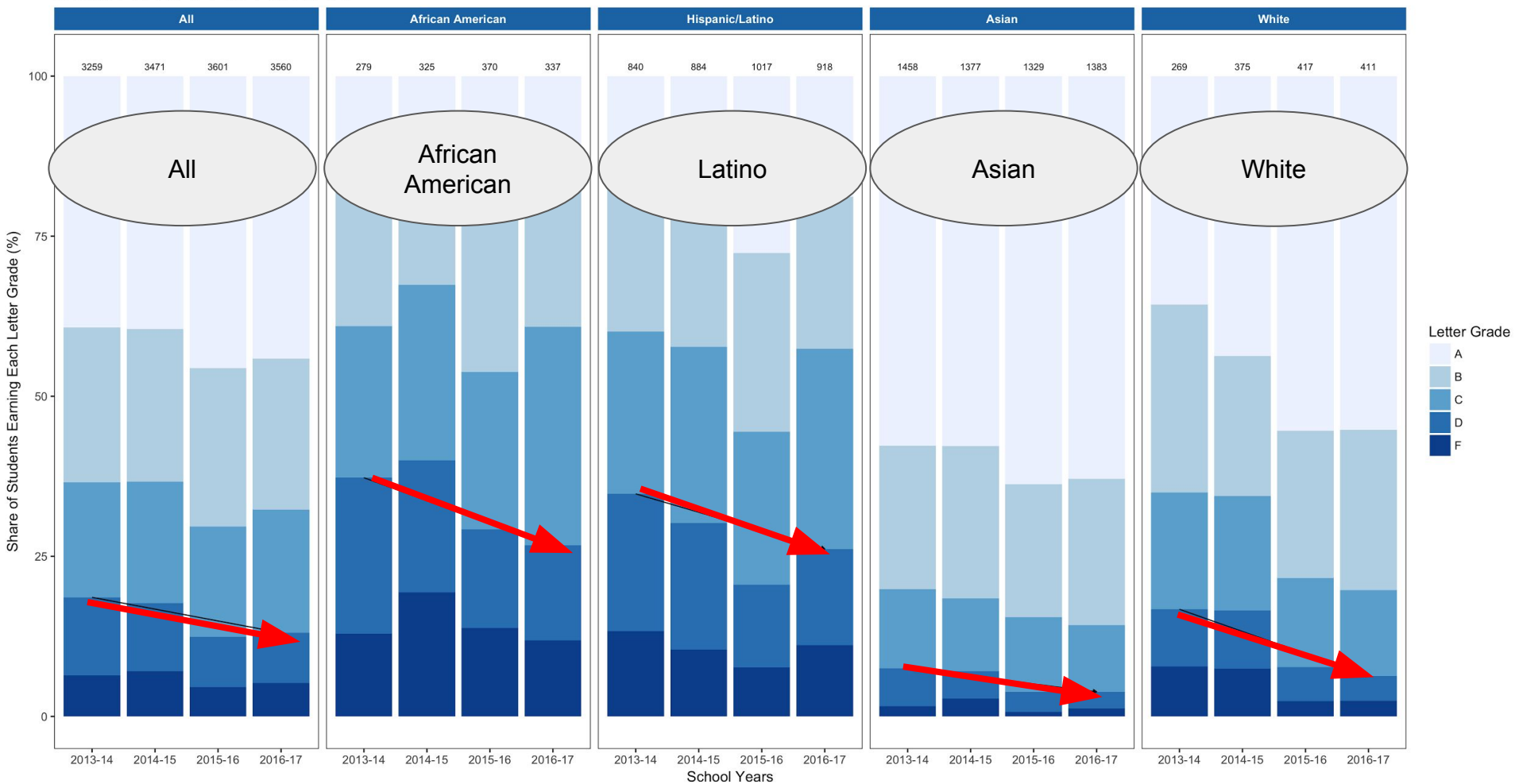
Increase in the amount of Math credits students have earned at the end of 11th grade, Ethnicity



Increase in the amount of Science credits students have earned at the end of 11th grade, Ethnicity

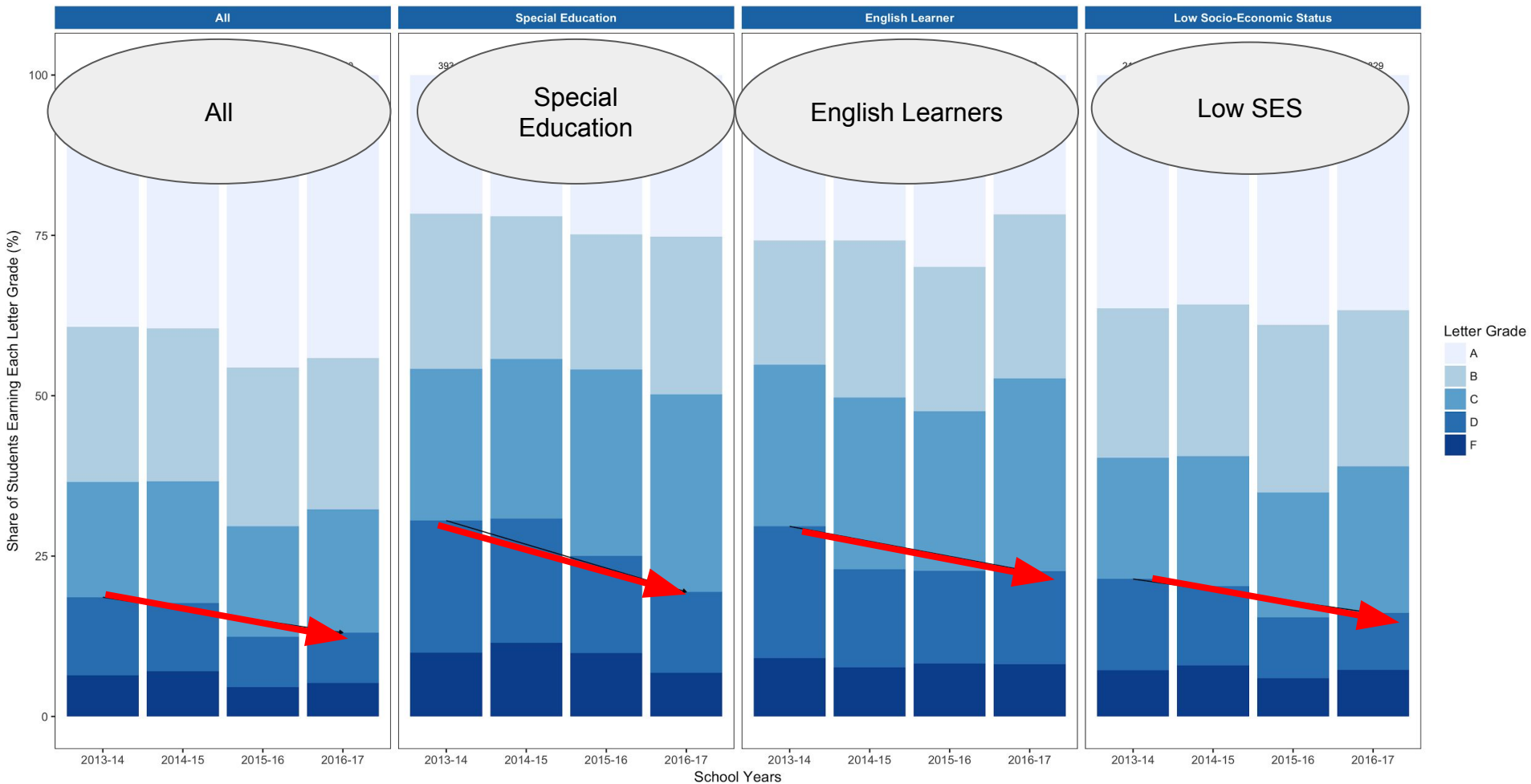


Students of all major ethnic groups increasingly earned fewer Ds/Fs and more As in 8th Grade Math from 2013-14 to 2016-17



Source: RPA Course and Demographics Tables, 2013-14 to 2016-17. 2013-14 includes Algebra I, which majority of the students took that year. (2017-11-29)

Among the main programs, most notably, students receiving special education increasingly earned fewer Ds/Fs and more As in 8th Grade Math from 2013-14 to 2016-17



Source: RPA Course and Demographics Tables, 2013-14 to 2016-17. 2013-14 includes Algebra I, which majority of the students took that year. (2017-11-29)