



BPS SY 2016-17 END OF YEAR PERFORMANCE RESULTS

*Nicole Wagner Lam, Executive Director
Office of Data and Accountability*

October 25, 2017

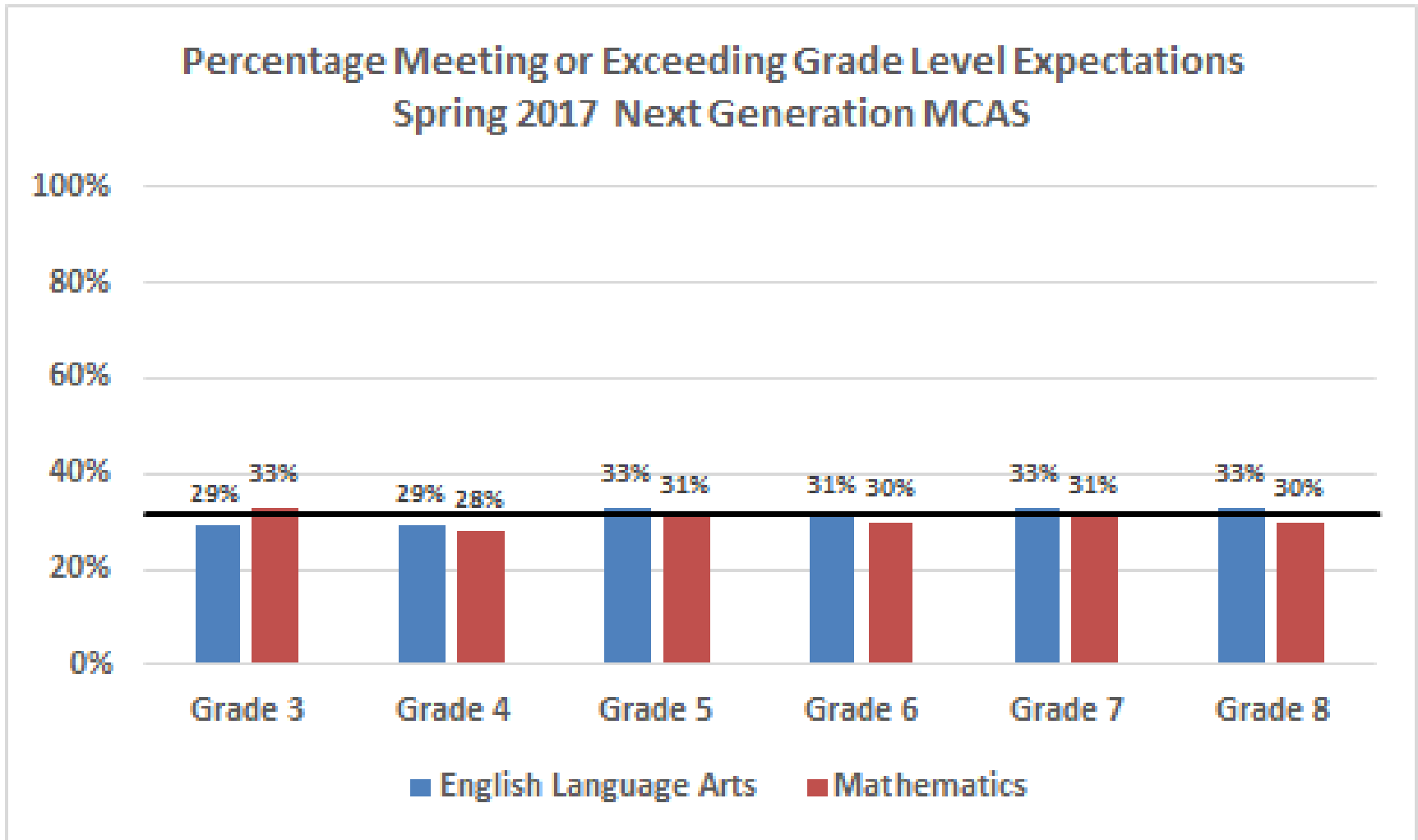
**Spring 2017
Grades 3 - 8 MCAS Results**

Interpreting Spring 2017 MCAS Results

- Next-Generation MCAS assessments set standards for Meeting Expectations that are **more rigorous** than the legacy MCAS assessments.
- **Massachusetts educators** set these standards, and raised them in order to make sure our students will be college- and career- ready.
- Given the fact that Spring 2017 was the first year of a new assessment, **2017 will serve as a baseline year.** We expect scores to change over time.
- Difference in results from prior years **does NOT mean that students learned more/less;** Next-Generation MCAS **measures in a different way.**
- **60%** of BPS students in grades 3–8 **tested online/computer based tests.**
- MA DESE **controlled for differences based on testing mode** in their calculations of scaled scores and student growth.


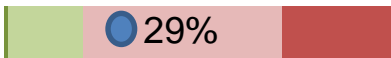

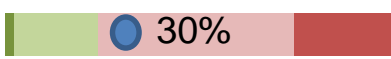




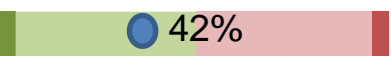
Grades 3 – 8

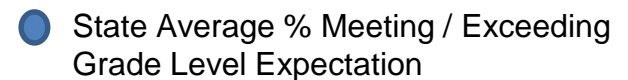
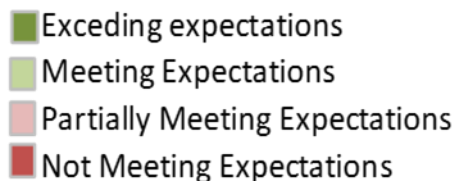
Mathematics and English Language Arts



Grades 3-8 ELA; Subgroup performance

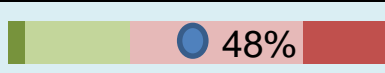


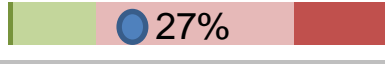

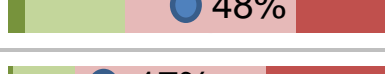



MCAS ELA Performance by Subgroup (Grades 3-8)

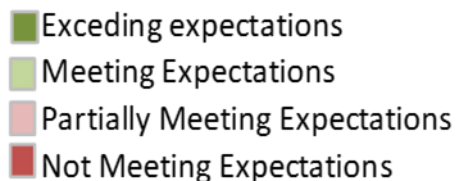
	N Students Included	Met or Exceeded Expectations	Achievement Level Distribution	Average Scaled Score	Transitional Student Growth Percentile (SGP)	
					N	Median
All Students	21,177	31%		489.4	14,546	46.0
African Amer./Black	6,357	21%		484.1	4,119	42.0
Asian	1,834	57%		503.6	1,359	52.0
Hispanic/Latino	9,440	24%		485.6	6,636	46.0
White	2,888	58%		502.8	1,987	48.0
Male	10,881	25%		485.9	7,358	43.0
ELL	5,944	13%		478.6	3,506	44.0
Students w/ Disabilities	4,886	6%		472.5	3,009	37.0
Former English Learners	1,990	51%		499.9	1,630	53.0




Grades 3 -8 Math: Subgroup Performance

MCAS Math Performance by Subgroup (Grades 3-8)

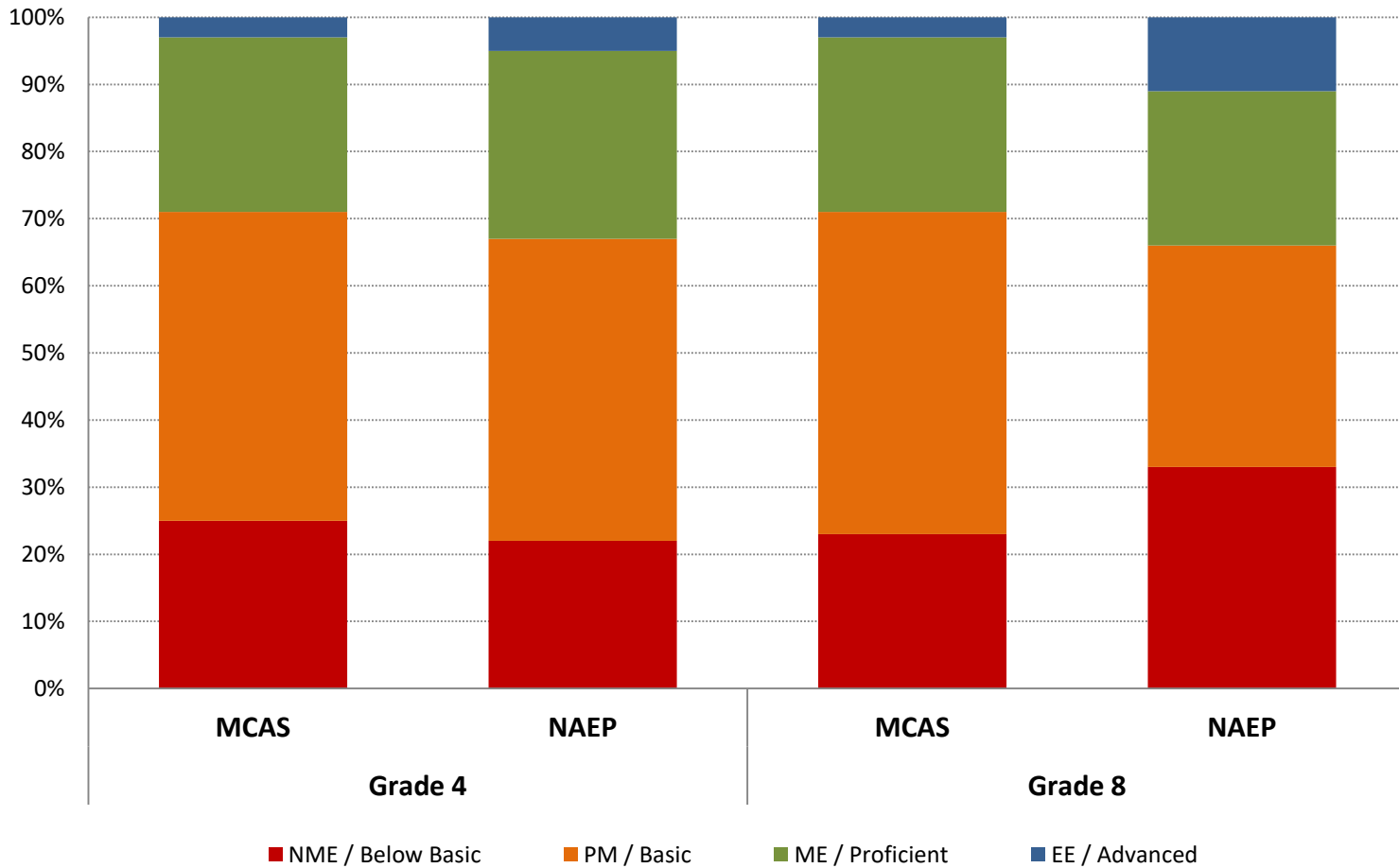
	N Students Included	Met or Exceeded Expectations	Achievement Level Distribution	Average Scaled Score	Transitional Student Growth Percentile (SGP)	
					N	Median
All Students	21,212	31%	 48%	488.8	14,437	41.0
African Amer./Black	6,379	18%	 29%	481.9	4,092	40.0
Asian	1,838	72%	 74%	511.0	1,354	47.5
Hispanic/Latino	9,451	22%	 27%	484.6	6,574	40.0
White	2,889	58%	 56%	502.7	1,980	44.0
Male	10,899	30%	 48%	488.2	7,289	42.0
ELL	6,001	18%	 17%	481.2	3,493	40.0
Students w/ Disabilities	4,876	7%	 14%	471.9	2,961	34.0
Former English Learners	1,990	51%	 43%	500.4	1,624	46.0



 State Average % Meeting / Exceeding Grade Level Expectation

2017 Next Gen. MCAS & 2015 NAEP Results: Grades 4 & 8 Mathematics

Percent in Each Math Achievement Level for Grades 4 & 8:
2017 Next-Gen MCAS vs 2015 NAEP



Average ELA MCAS Scaled Scores; State, Urban School Districts in MA, & BPS

ELA Average Scaled Scores			
GRADE	STATE	USN	BPS
3	499	492	489
4	499	492	489
5	499	491	490
6	499	490	490
7	499	491	489
8	499	490	490
Grades 3 - 8	499	491	489

ELA Average Scaled Scores			
GROUP	STATE	USN	BPS
Asian	509	501	504
Af.Am.	489	487	484
Hispanic	489	486	486
White	502	497	503
ELL/ FELL	485	482	479
SWD	480	474	473

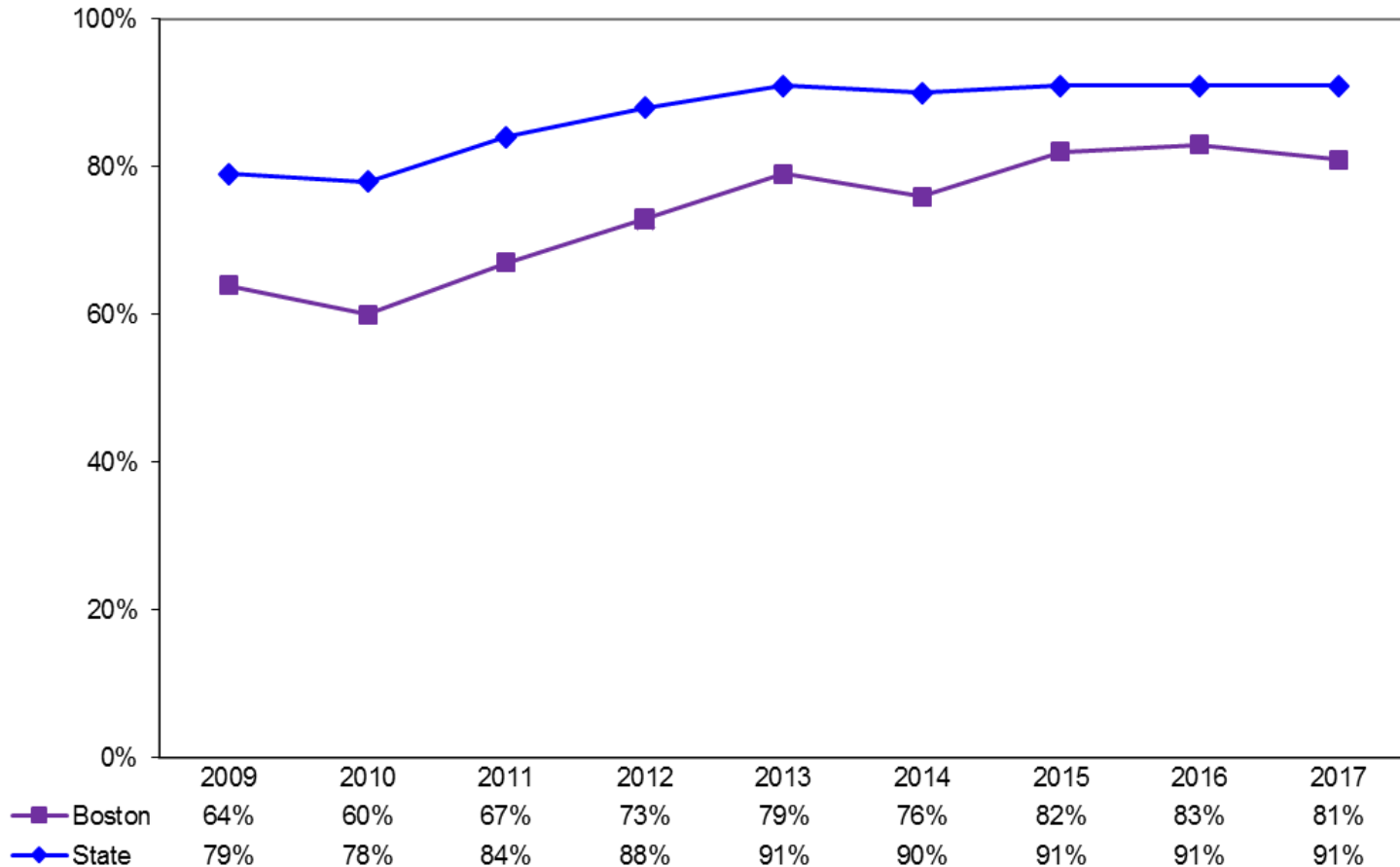
Grades 3 - 8 ELA & Math: Schools demonstrating strong student growth

School	Spring 2017 MCAS Grades 3-8 English Language Arts			Spring 2017 MCAS Grades 3-8 Mathematics Results		
	% Meeting or Exceeding Expectations	Average SS	Median SGP	% Meeting or Exceeding Expectations	Average SS	Median SGP
District	31%	489.4	46.0	31%	488.8	41.0
Nathan Hale	55%	501.2	78.0	44%	496.6	77.0
Hugh Roe O'Donnell	25%	485.6	69.5	27%	489.4	74.0
Charles H Taylor	31%	489.6	69.0	28%	489.5	71.5
William Monroe Trotter	33%	493.9	61.5	30%	491.0	62.0
Samuel W Mason	27%	491.0	60.0	30%	489.5	67.0

Spring 2017 Grade 10 MCAS Results

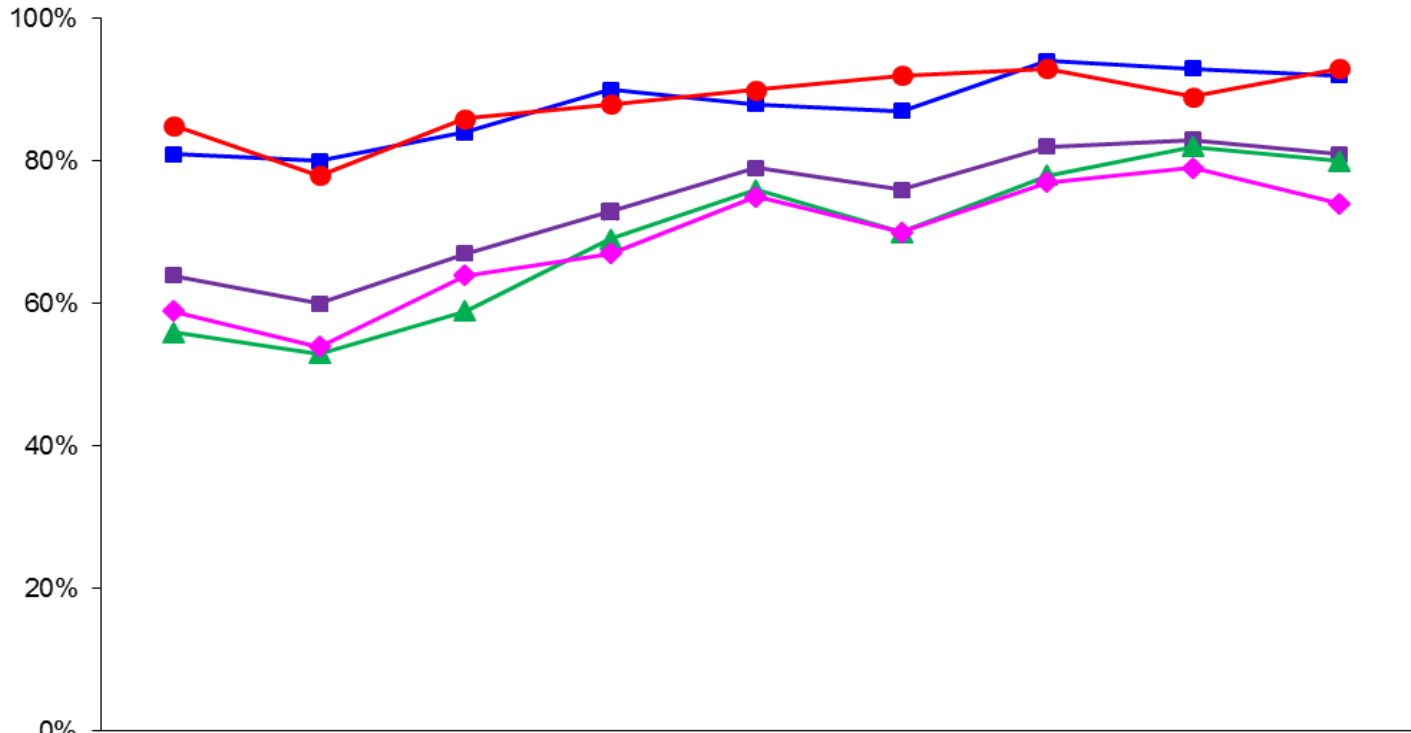
Grade 10 ELA: Percent Proficient and Advanced

**MCAS Grade 10 ELA Percent Proficient & Advanced
Boston vs State**



10th Grade ELA; Achievement Gaps

MCAS Grade 10 ELA Percent Proficient & Advanced
By Racial/Ethnic Group



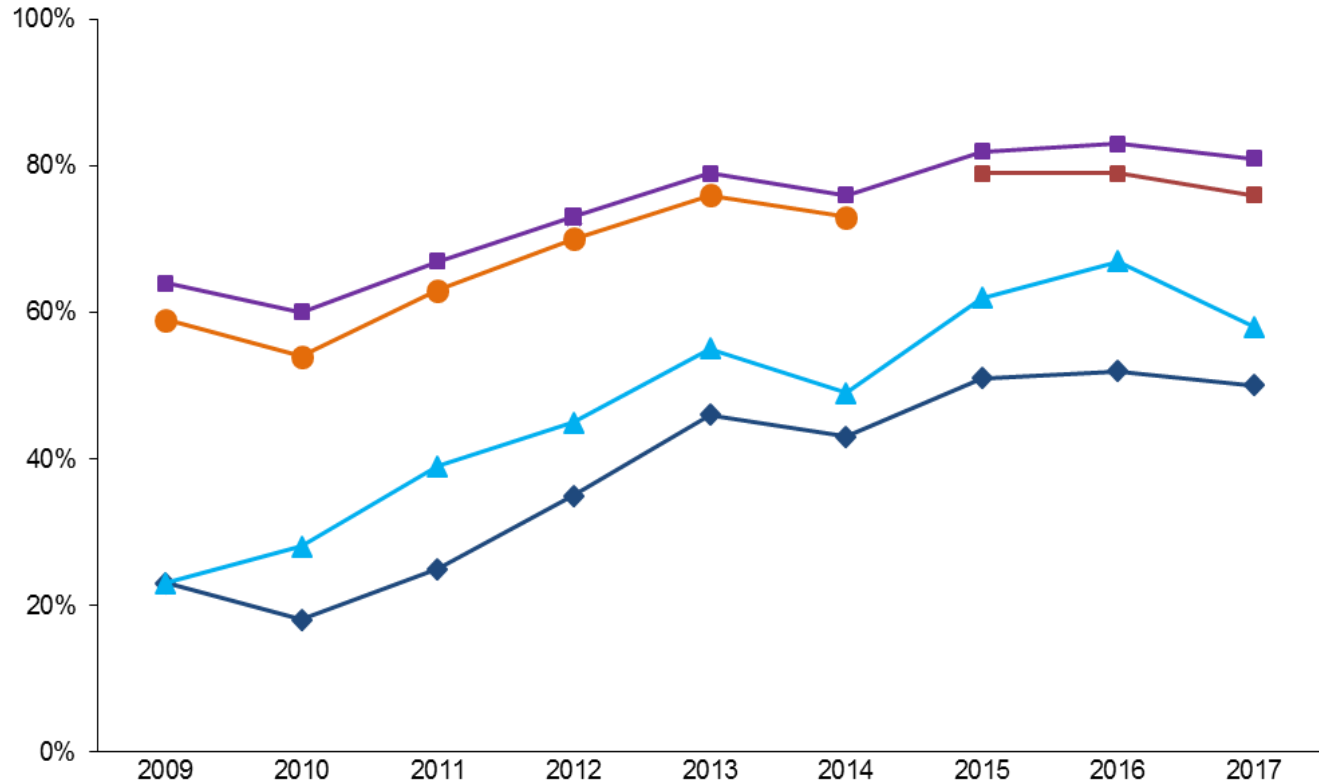
2017 Students Included:

- All Students (N=3,470)
- ▲ AA/Black (N=1,146)
- Asian (N=381)
- ◆ Latino/Hispanic (N=1,409)
- White (N=460)

Year	2009	2010	2011	2012	2013	2014	2015	2016	2017
All Students (N=3,470)	64%	60%	67%	73%	79%	76%	82%	83%	81%
AA/Black (N=1,146)	56%	53%	59%	69%	76%	70%	78%	82%	80%
Asian (N=381)	81%	80%	84%	90%	88%	87%	94%	93%	92%
Latino/Hispanic (N=1,409)	59%	54%	64%	67%	75%	70%	77%	79%	74%
White (N=460)	85%	78%	86%	88%	90%	92%	93%	89%	93%

Grade 10 ELA; Student Groups

**MCAS Grade 10 ELA Percent Proficient & Advanced
By Accountability Student Group**

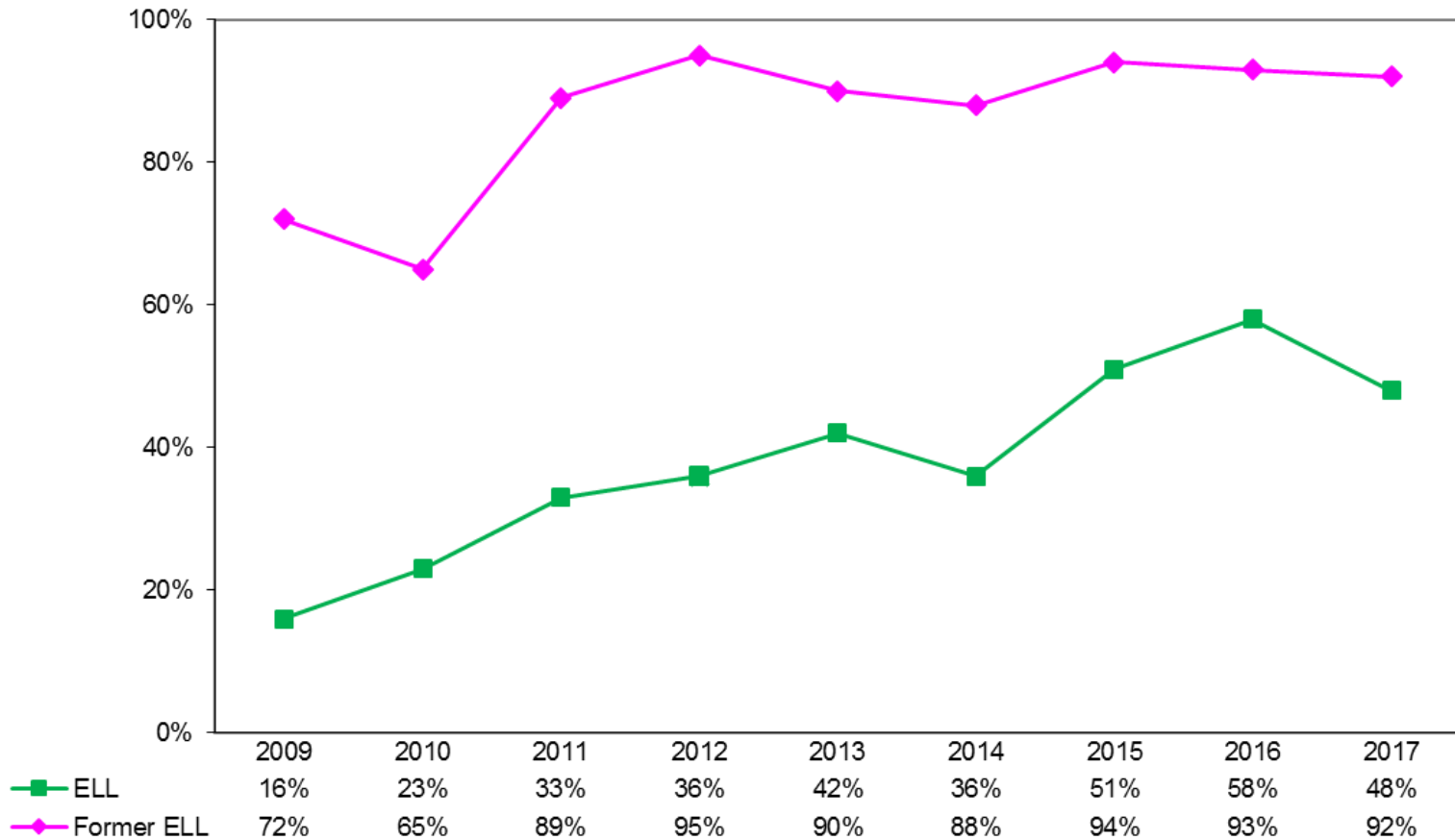


2017 Students Included:

- All Students (N=3,470)
- ◆ Students w/ Disab (N=622)
- ▲ ELL/Former ELL (N=986)
- Low Income
- Economically Disadvantaged (N=2,010)

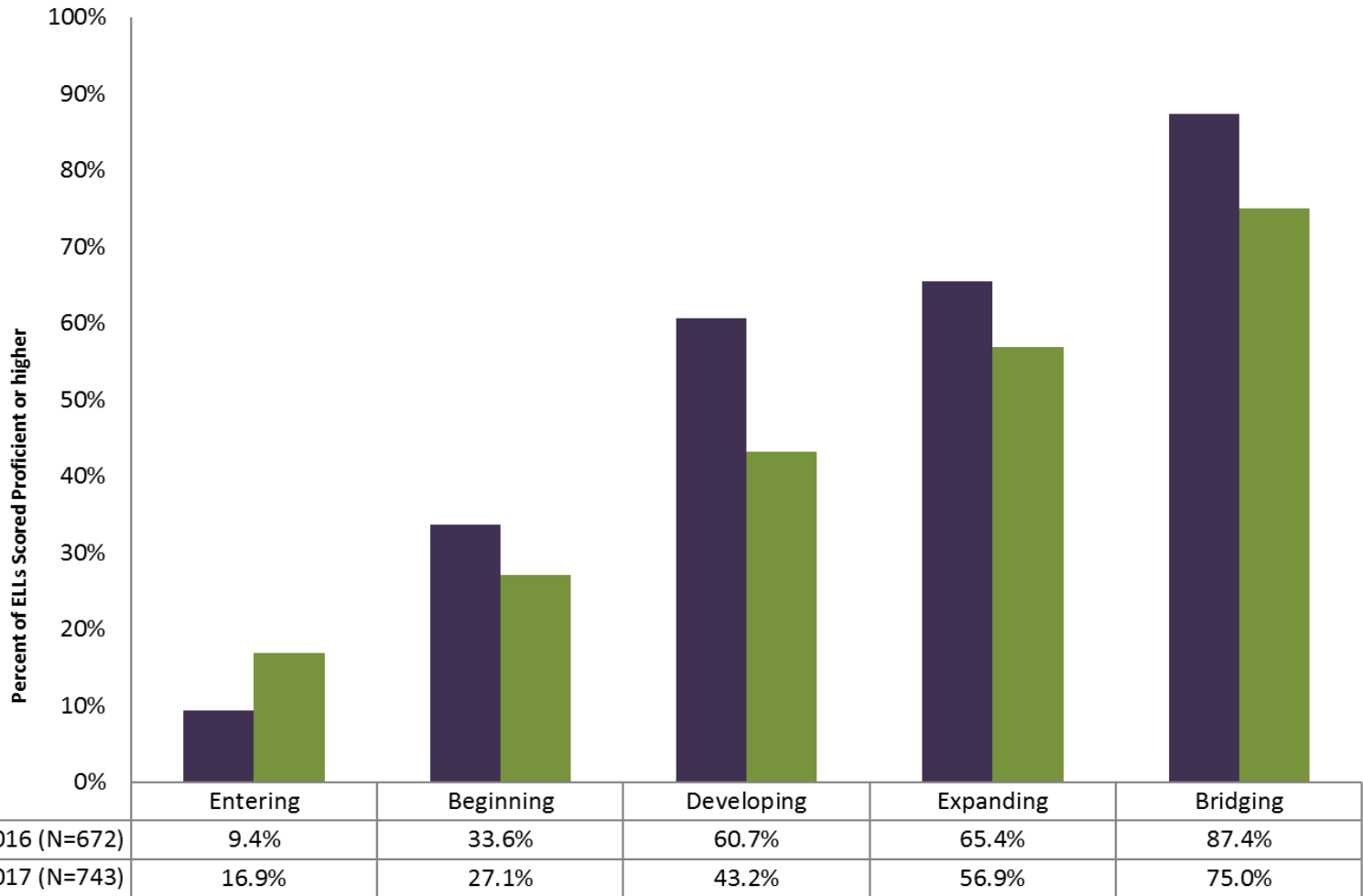
Grade 10 ELA; ELLs and Former ELLs

**MCAS Grade 10 ELA Percent Proficient & Advanced
By ELL vs Former ELL**

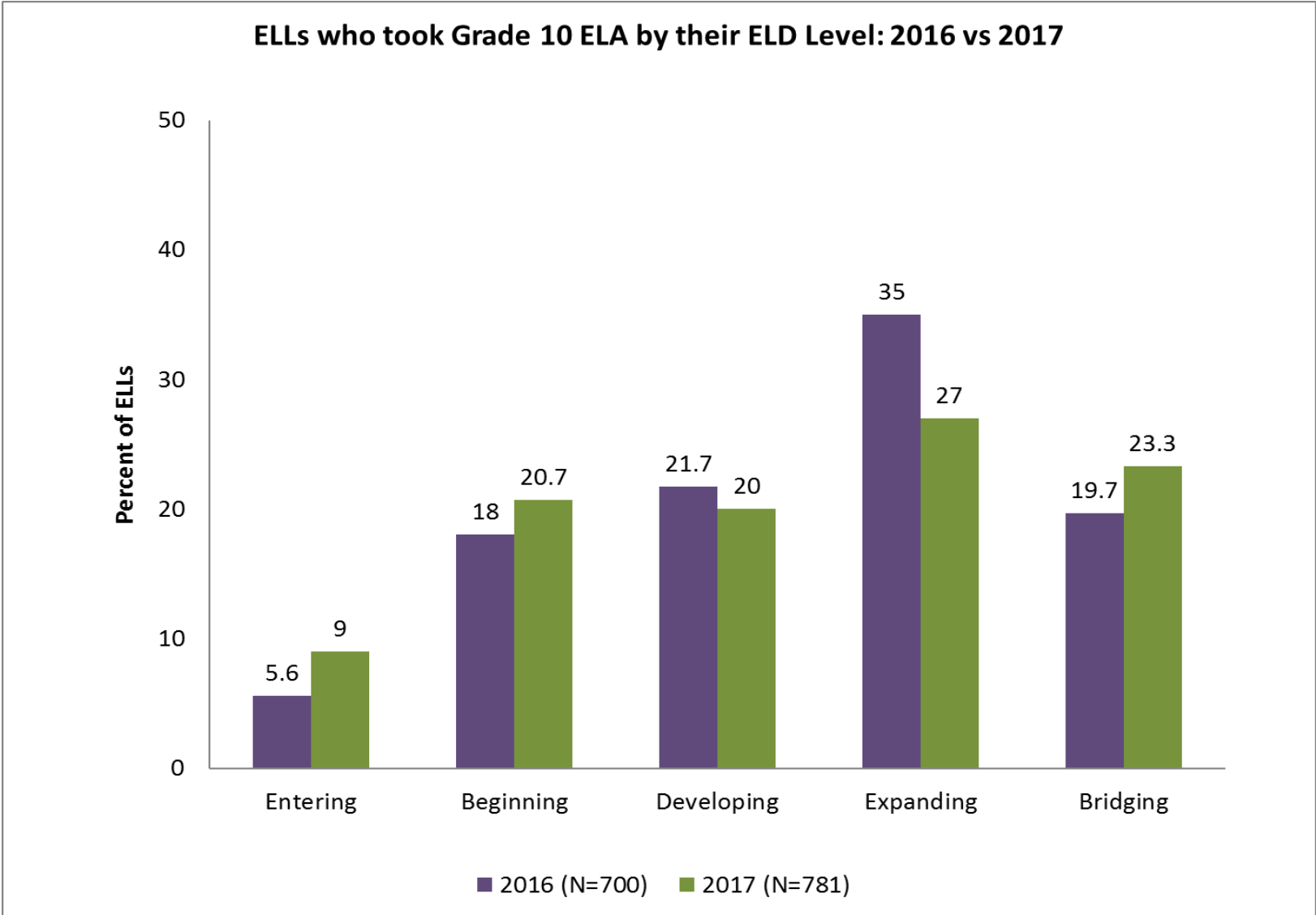


Grade 10 ELA; ELLs and Former ELLs

Percent of ELLs who scored Proficient or high in Grade 10 ELA by ELD Level, Excluding those who took MCAS-Alt: 2016 vs 2017

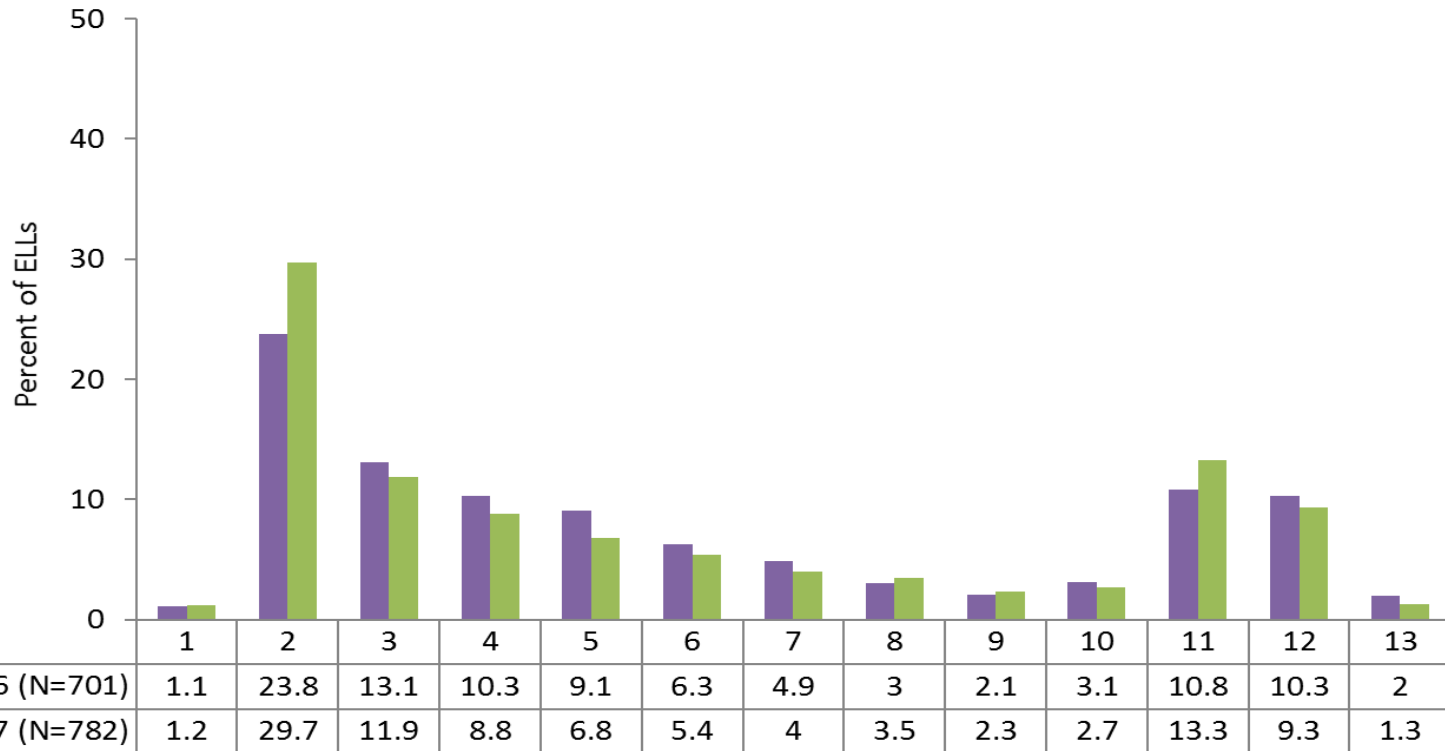


Grade 10 ELA; ELLs and Former ELLs

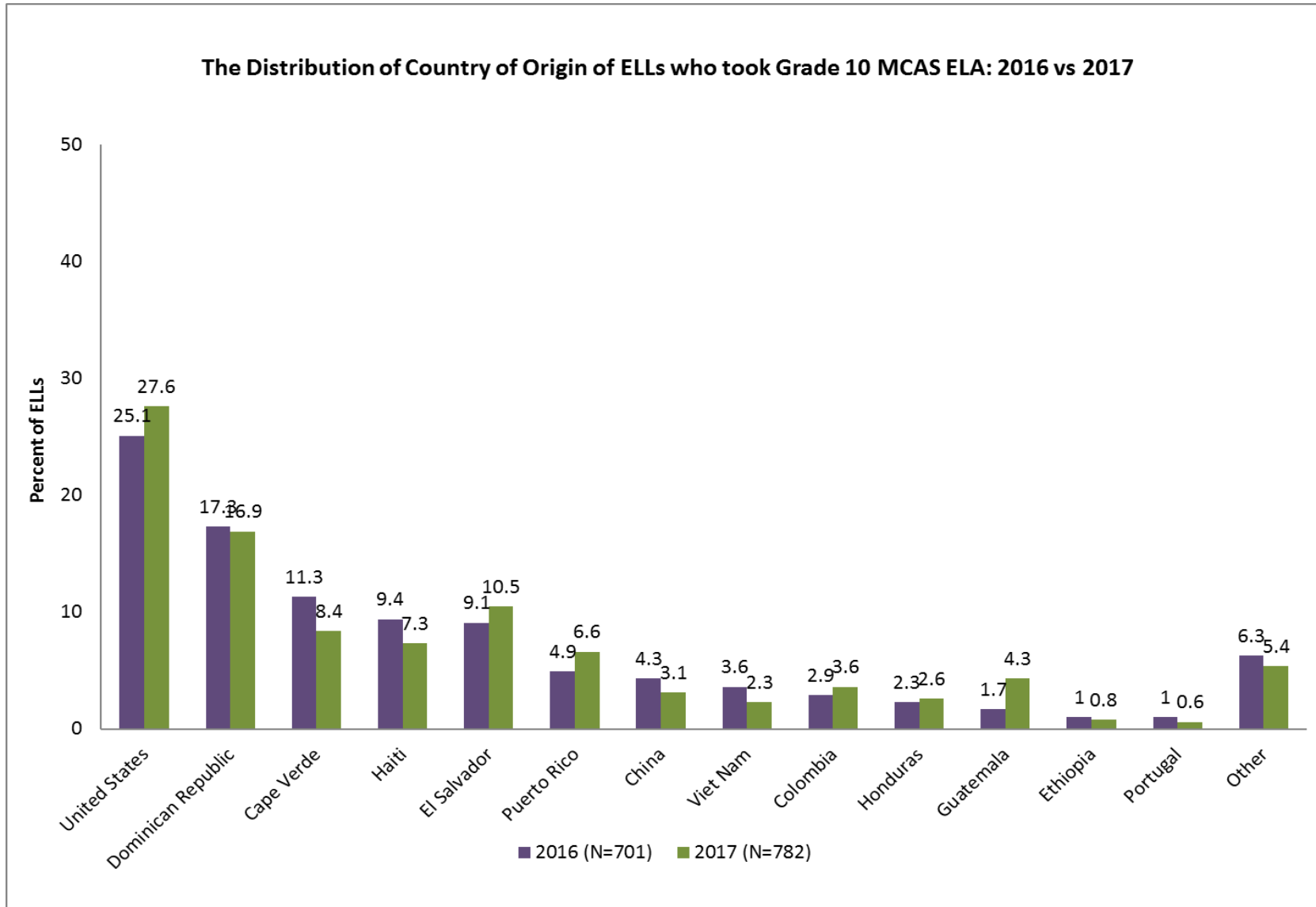


Grade 10 ELA; ELLs and Former ELLs

**Number of Years ELLs who took Grade 10 ELA have Attended MA Schools:
2017 vs 2016**

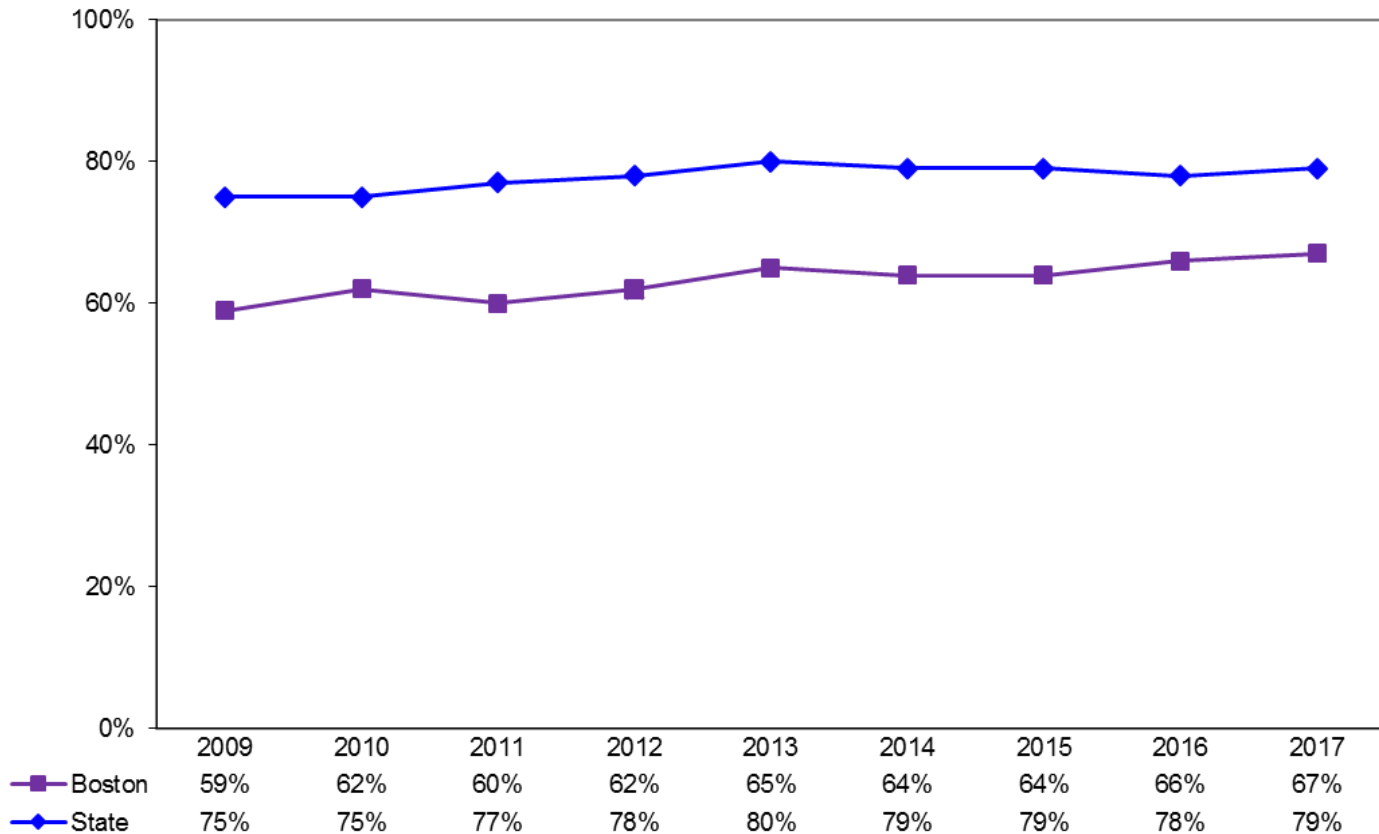


Grade 10 ELA; ELLs and Former ELLs



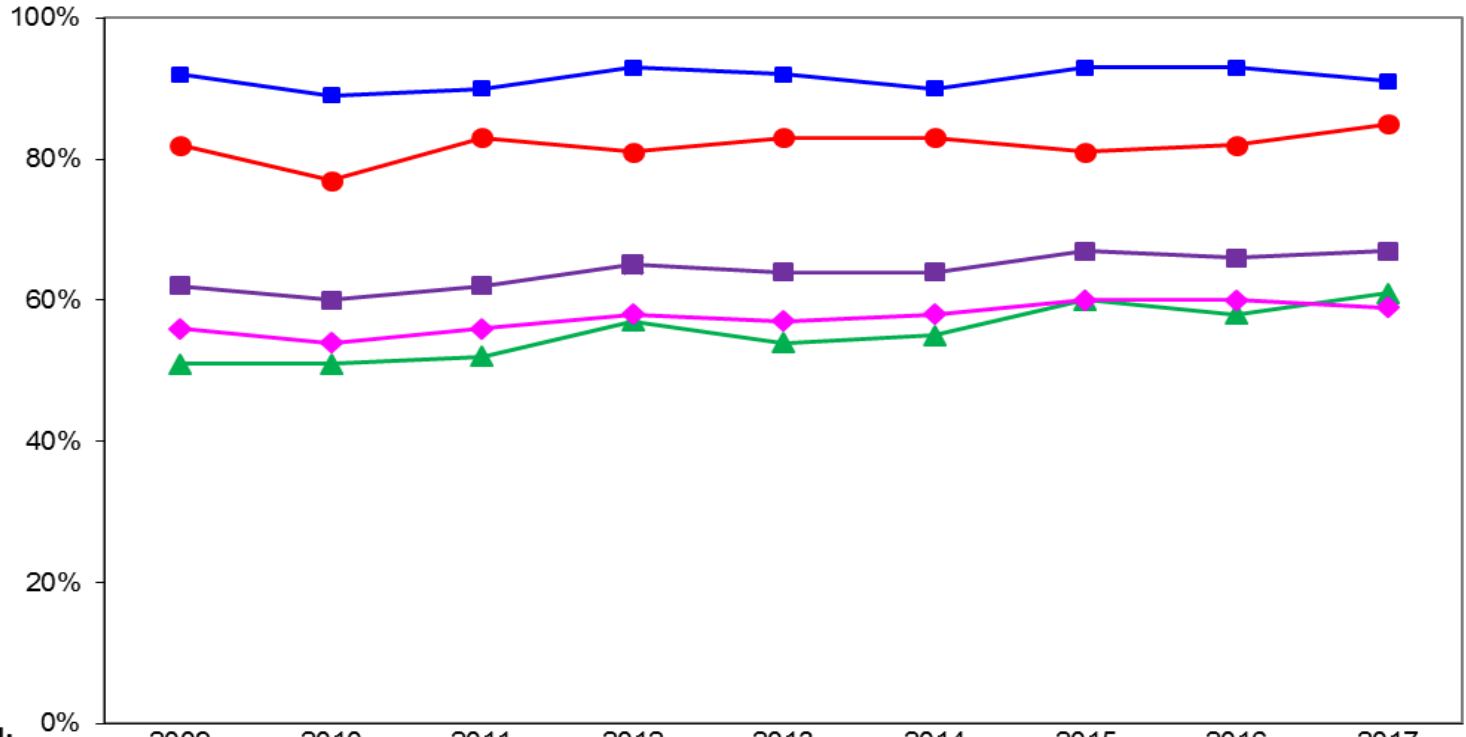
Grade 10 Math: Percent Proficient and Advanced

**MCAS Grade 10 Mathematics Percent Proficient & Advanced
Boston vs State**



10th Grade Math; Achievement Gaps

MCAS Grade 10 Math Percent Proficient & Advanced By Racial/Ethnic Group



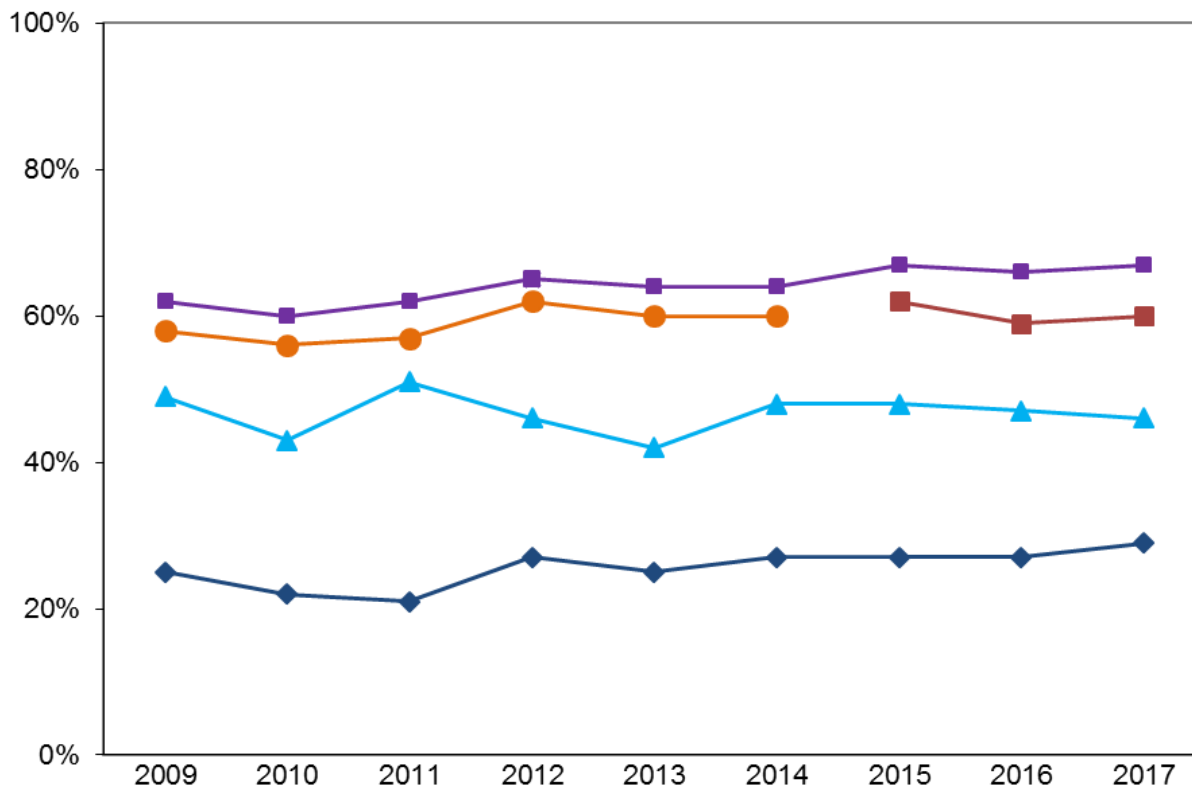
2017 Students Included:

- All Students (N=3,524)
- ▲ AA/Black (N=1,167)
- Asian (N=381)
- ◆ Latino/Hispanic (N=1,439)
- White (N=462)

Year	2009	2010	2011	2012	2013	2014	2015	2016	2017
All Students (N=3,524)	62%	60%	62%	65%	64%	64%	67%	66%	67%
AA/Black (N=1,167)	51%	51%	52%	57%	54%	55%	60%	58%	61%
Asian (N=381)	92%	89%	90%	93%	92%	90%	93%	93%	91%
Latino/Hispanic (N=1,439)	56%	54%	56%	58%	57%	58%	60%	60%	59%
White (N=462)	82%	77%	83%	81%	83%	83%	81%	82%	85%

Grade 10 Math; Student Groups

**MCAS Grade 10 Mathematics Percent Proficient & Advanced
By Accountability Student Group**

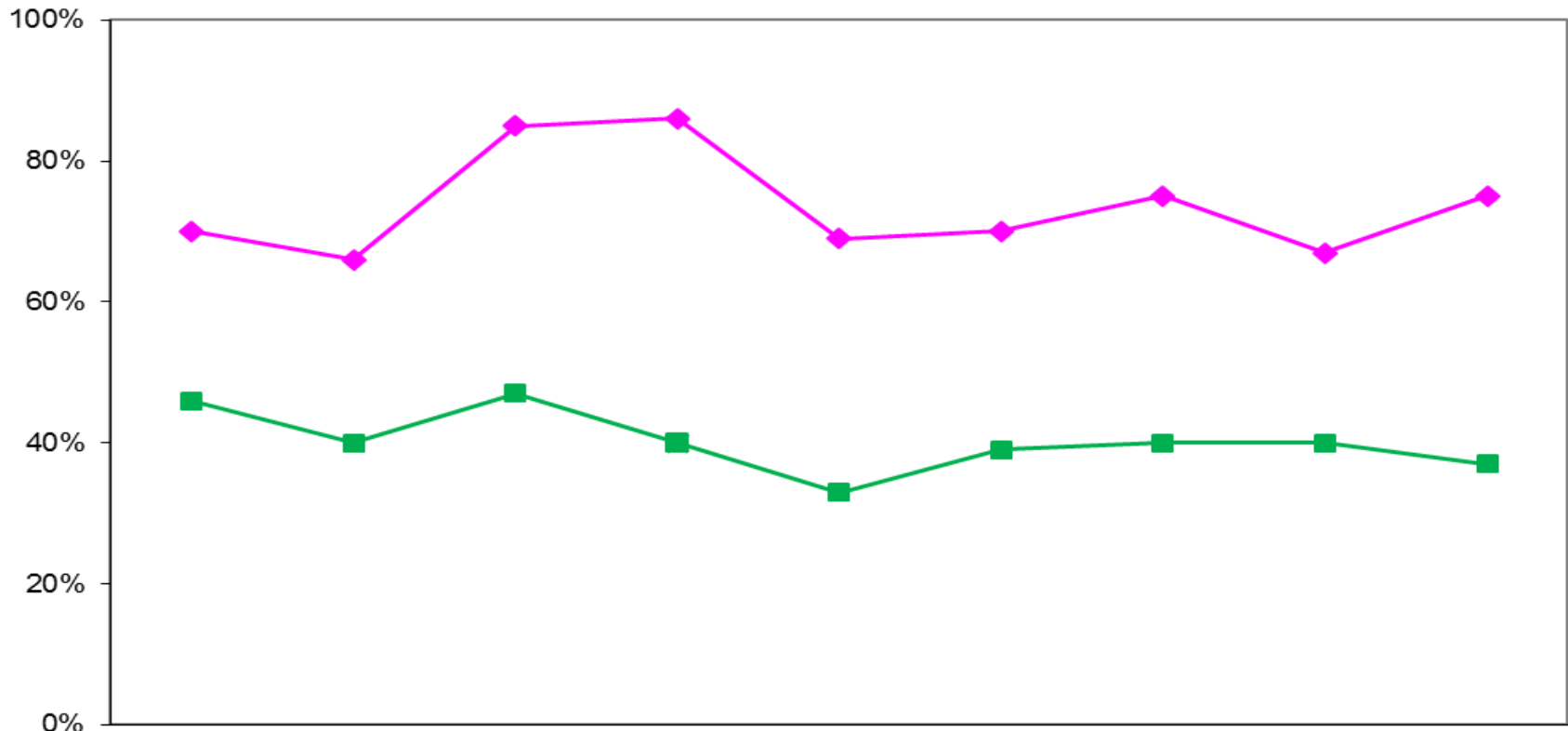


2017 Students Included:

- All Students (N=3,485)
- ◆ Students w/ Disab (N=626)
- ▲ ELL/Former ELL (N=992)
- Low Income
- Economically Disadvantaged (N=2,025)

Grade 10 Math; ELLs and Former ELLs

**MCAS Grade 10 Math Percent Proficient & Advanced
By ELL vs Former ELL**

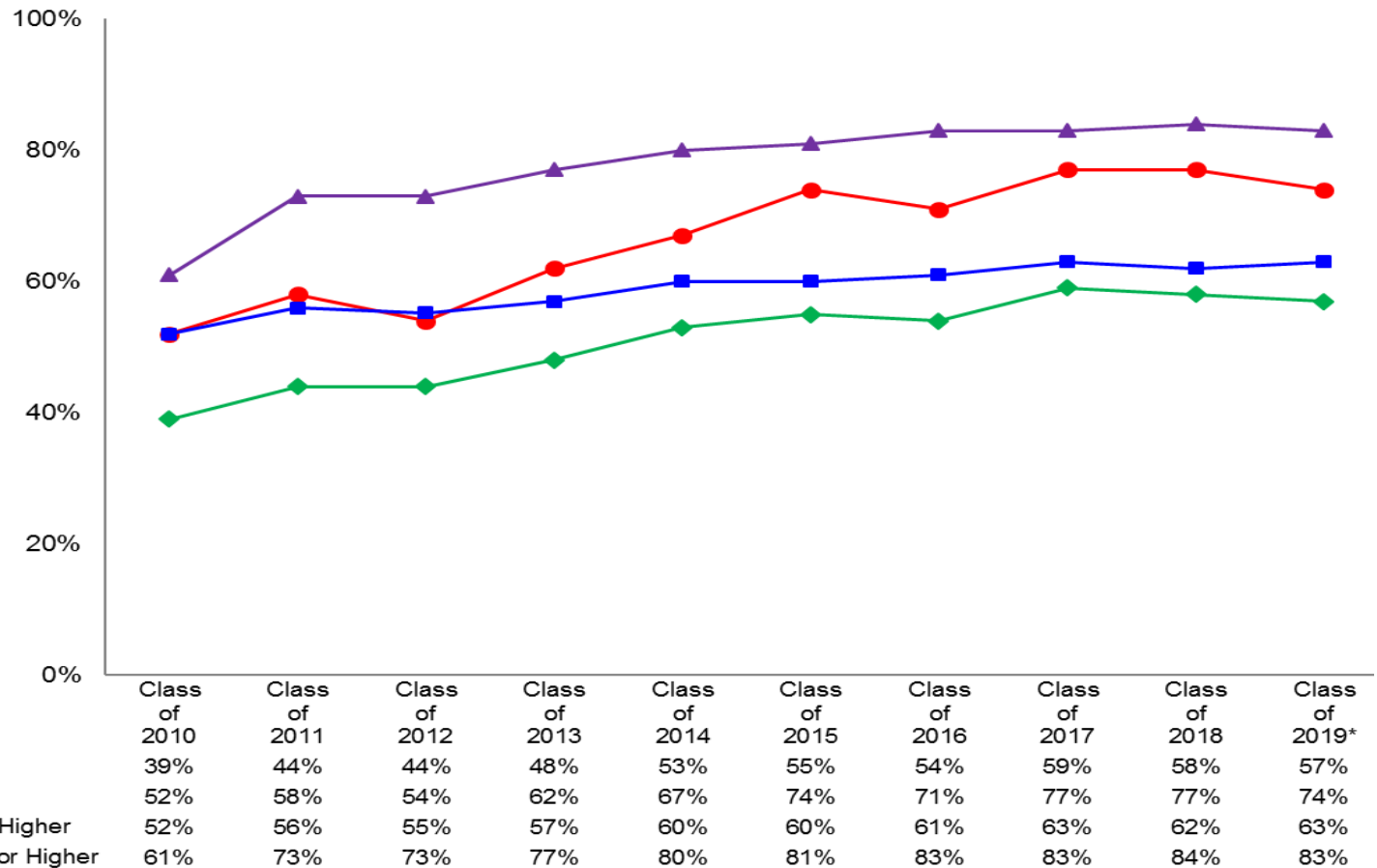


■ ELL
◆ Former ELL

Year	2009	2010	2011	2012	2013	2014	2015	2016	2017
ELL	46%	40%	47%	40%	33%	39%	40%	40%	37%
Former ELL	70%	66%	85%	86%	69%	70%	75%	67%	75%

Class of 2019: First-time CD requirement passing

Percent of 10th Grade Students Meeting MCAS Graduation Requirements



* Note: 2017 results are based on August 2017 preliminary data.

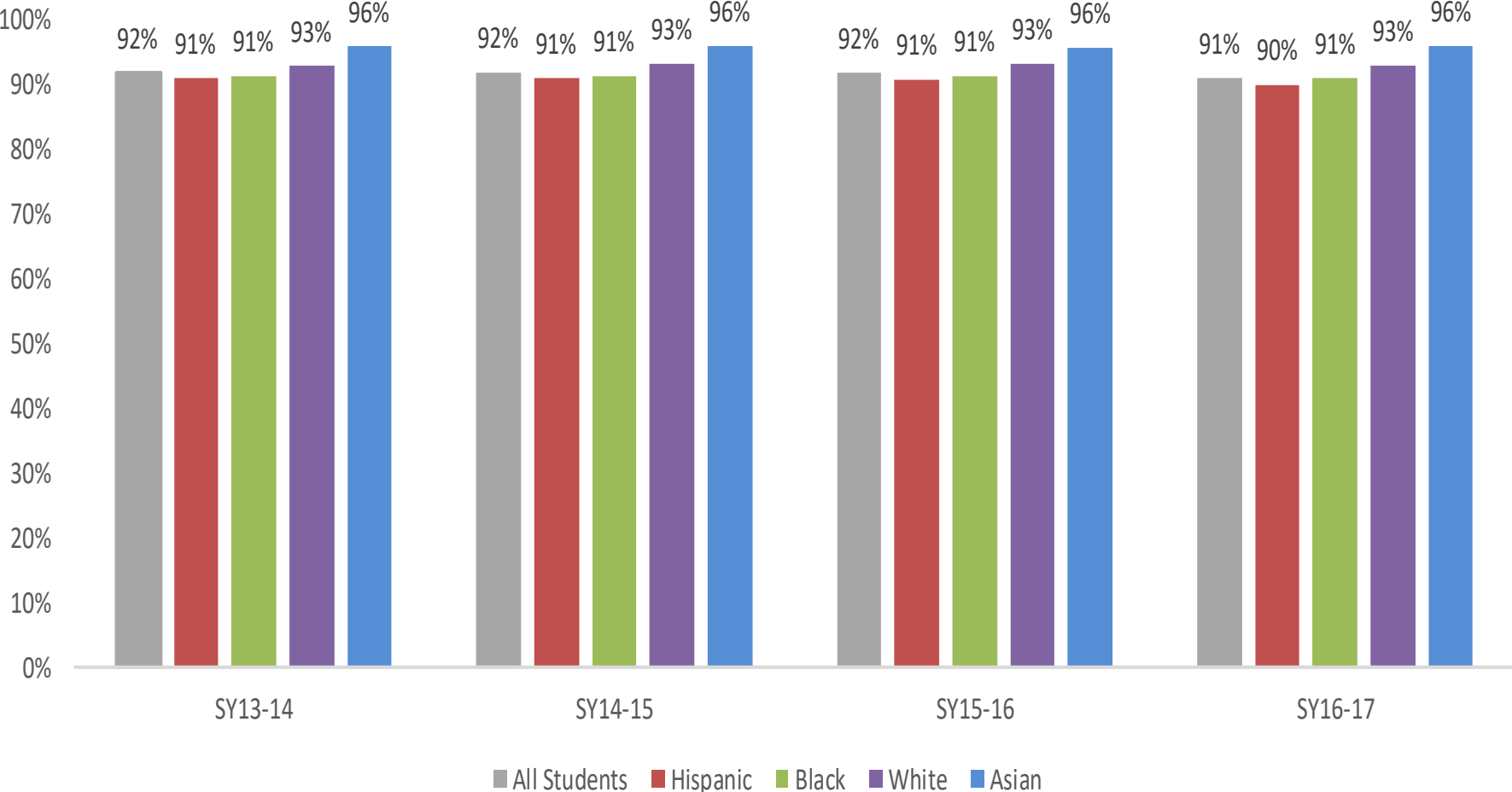
Beyond MCAS & Test Scores

- MCAS test scores can identify areas where students need academic support, but scores can also reflect **non-academic barriers to learning**.
- **Critical data points BPS triangulates with MCAS test scores:**
 - Student Attendance & Chronic Absenteeism Rates
 - Student Discipline & Suspensions Rates
 - Measures of School Safety, Climate, & Culture
 - Measure of Student Learning Environment & Engagement
 - Measures of Parent Engagement
 - Measures of Adult Professional Learning Climate & Culture
 - Student Mobility Rates
 - Graduation and Drop-out Rates
 - ACCESS for ELLs scores
 - DIBELS & Test Reading Comprehension (TRC) scores

APPENDIX

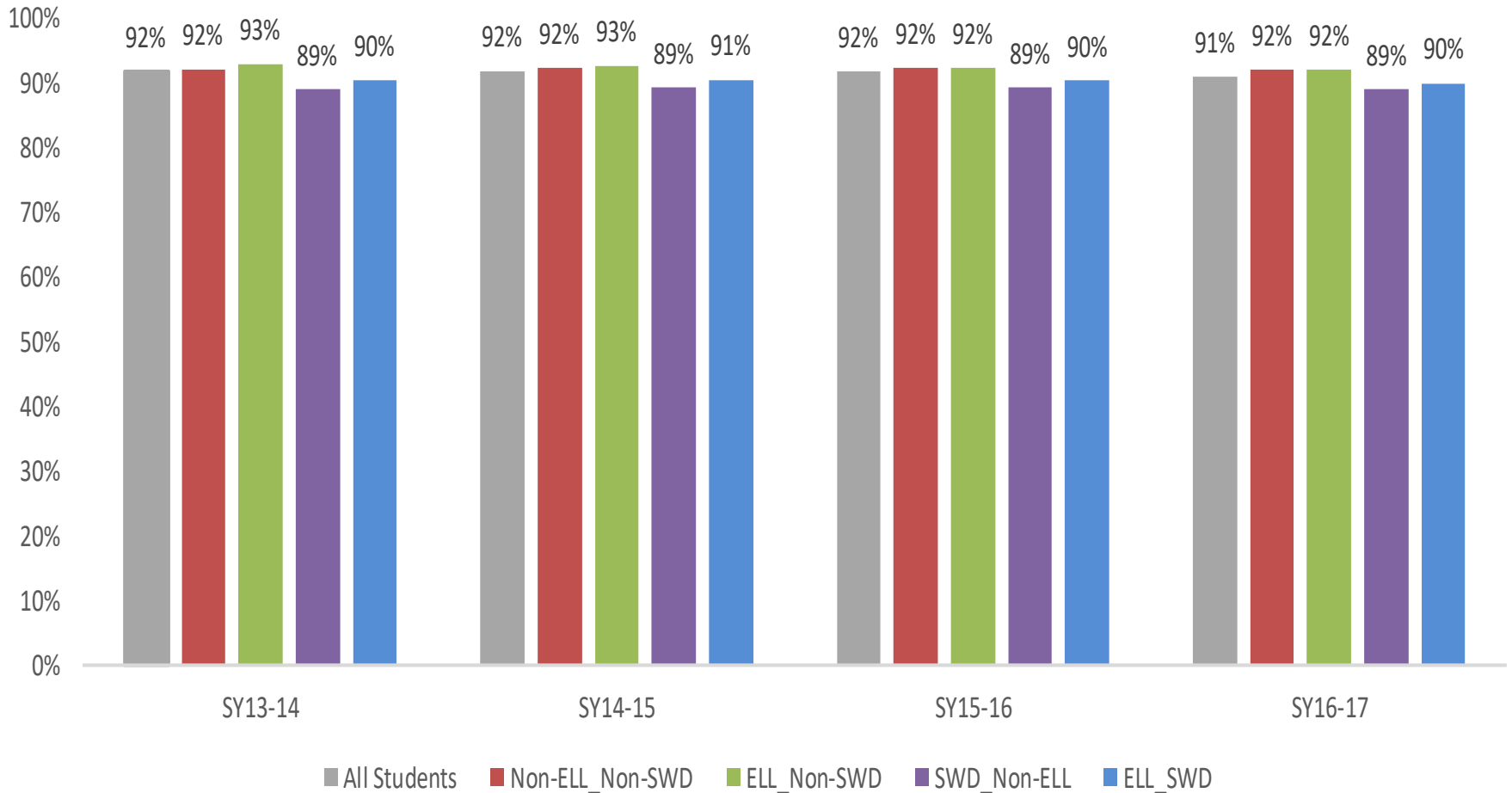
BPS Attendance Rates Over Time, by race

Average Attendance over Time (%)

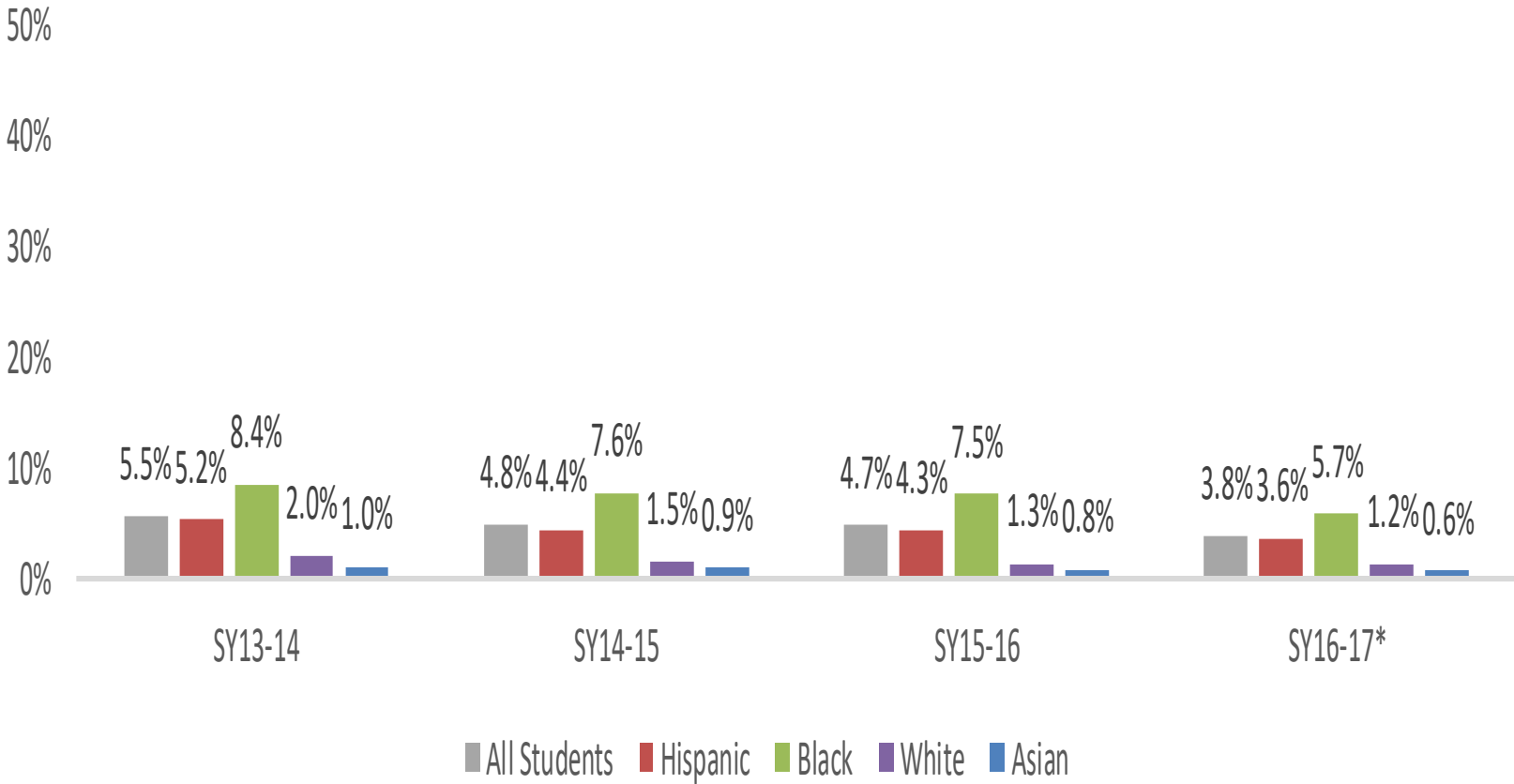


BPS Attendance Rates Over Time, student subgroups

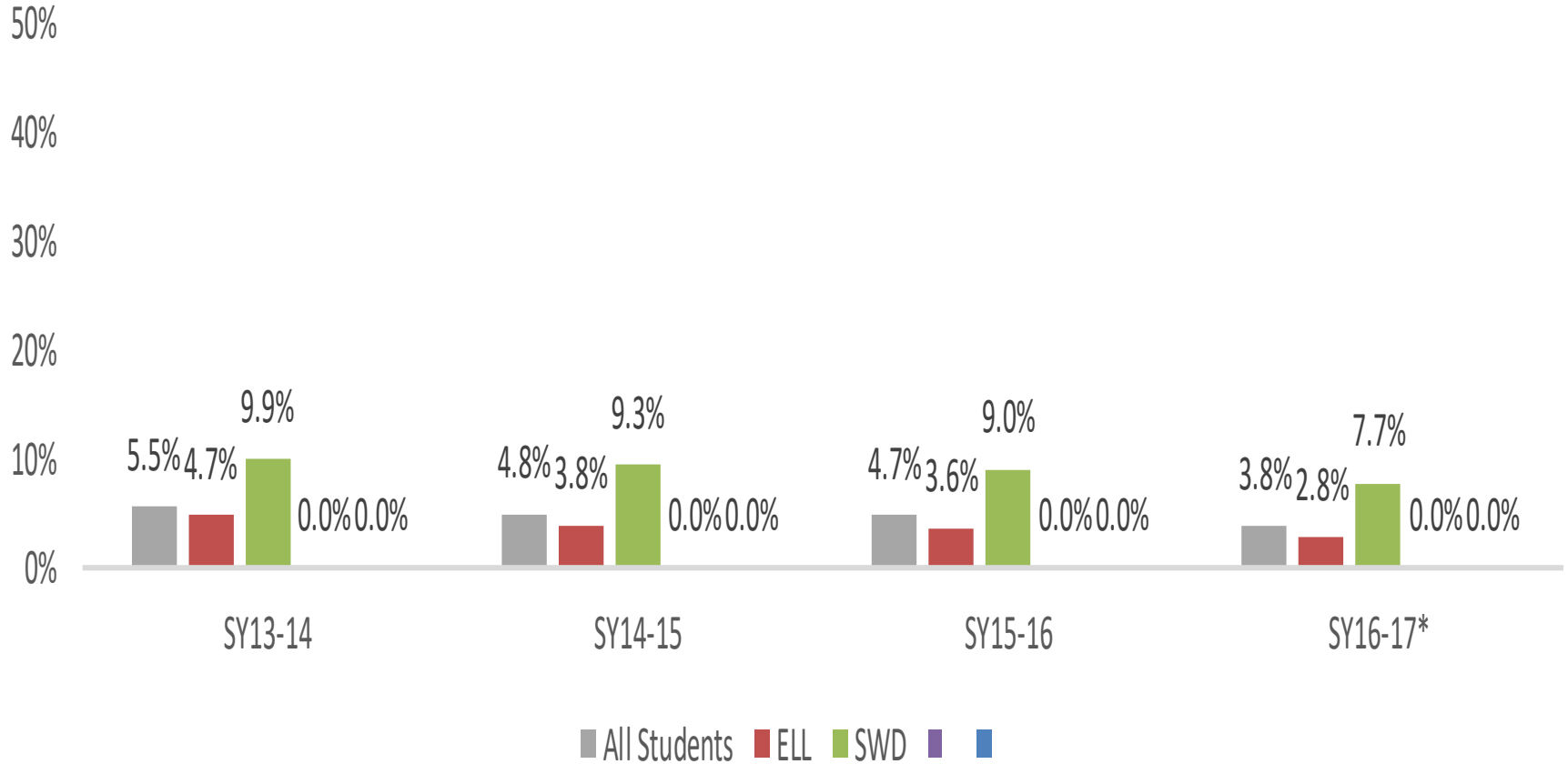
Average Attendance over Time (%)



BPS Out-of-School Suspension Rates Over Time, by race

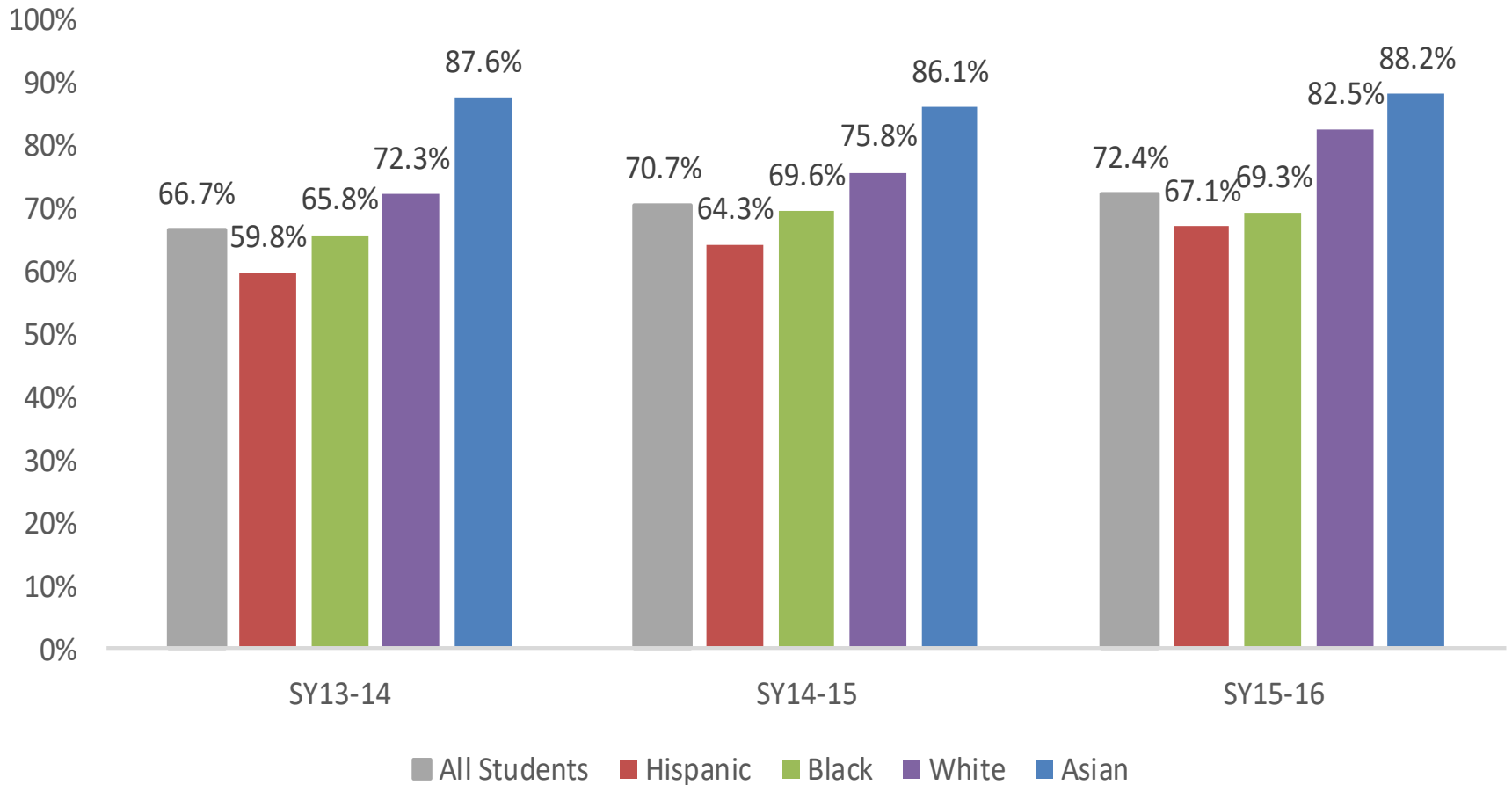


BPS Out-of-School Suspension Rates, by student subgroup



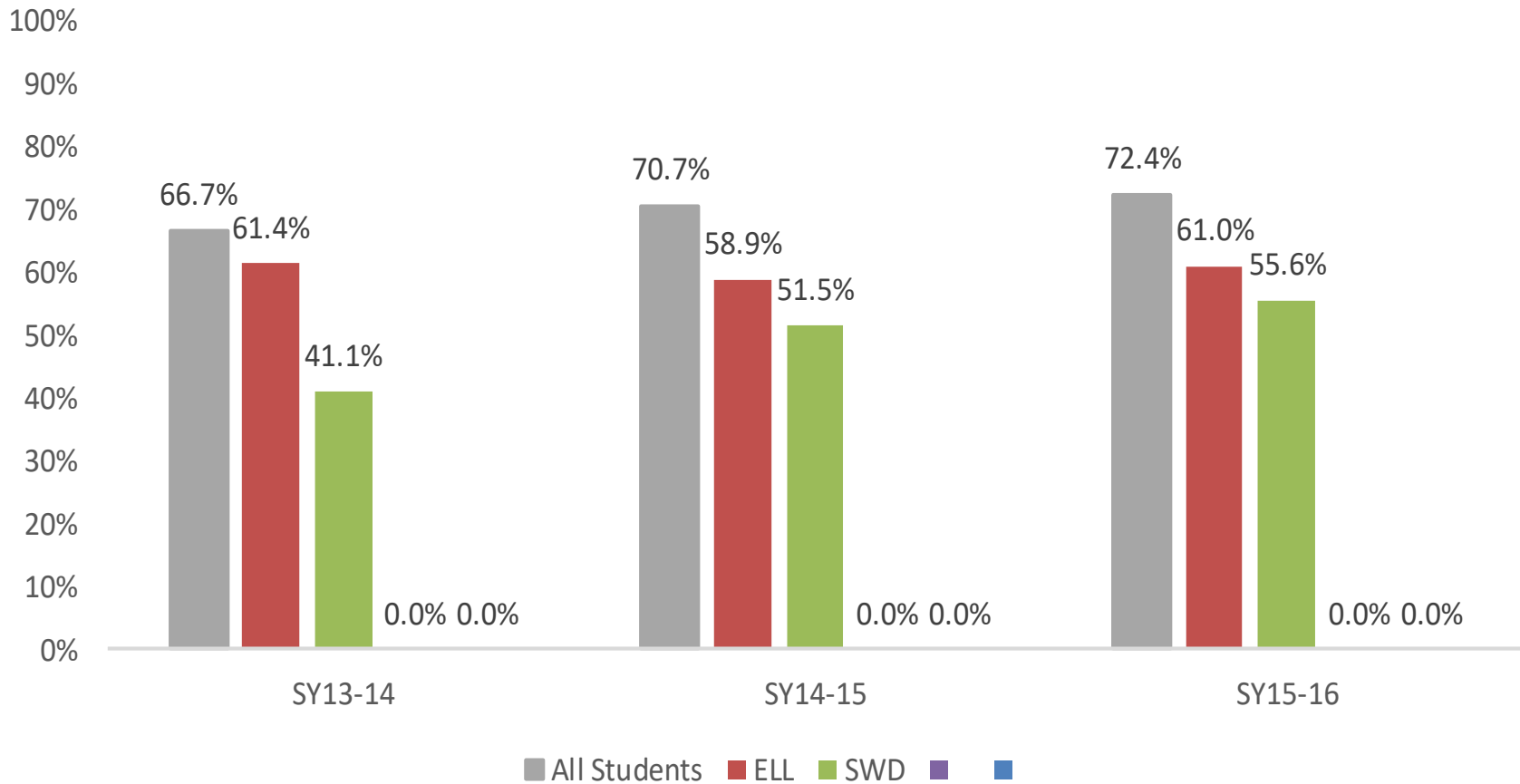
BPS Graduation Rates Over Time, by race

School 4 Year Cohort Graduation Rate (%)



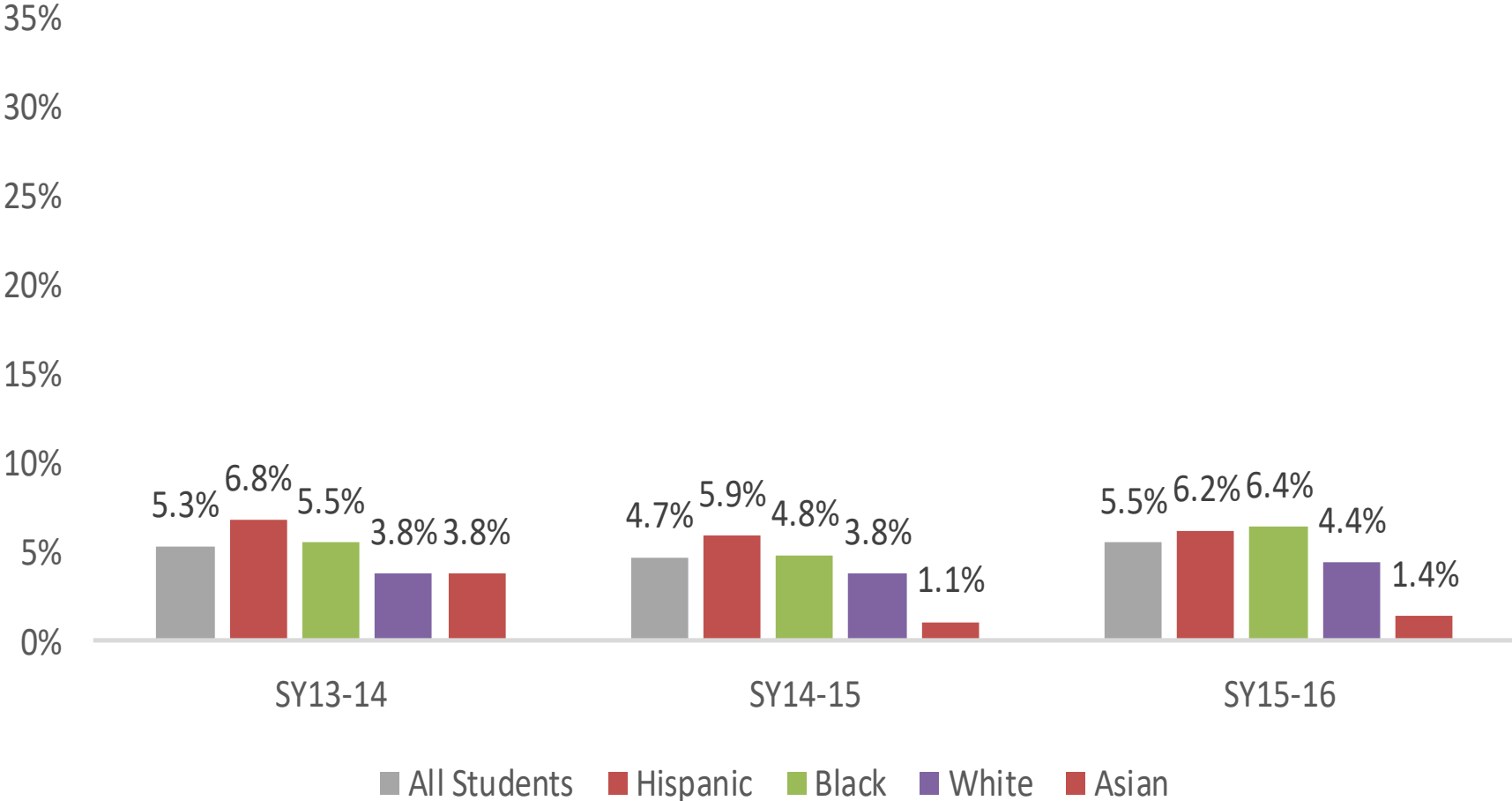
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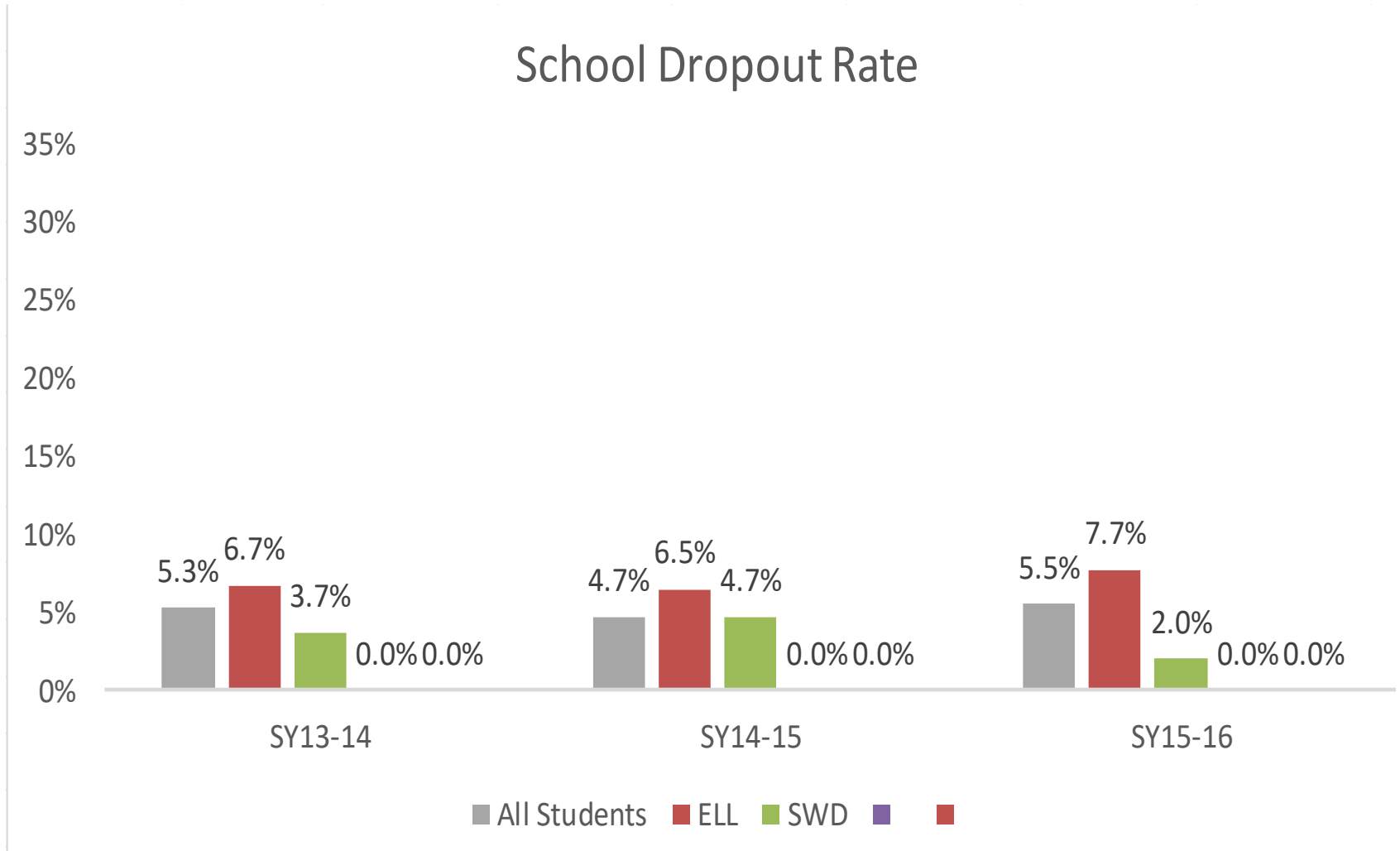


Drop-out Rates Over Time, by race

School Dropout Rate

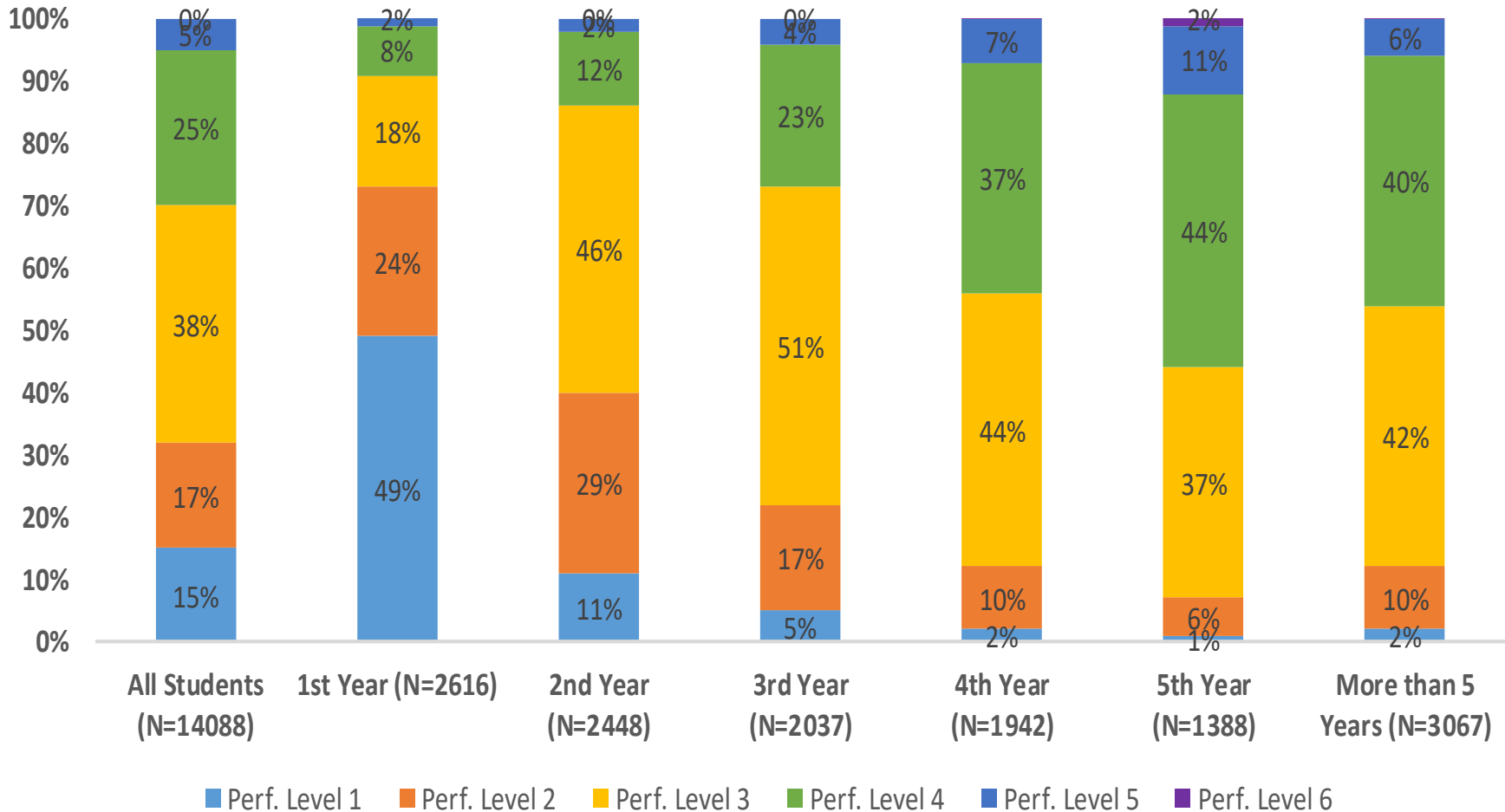


Drop-out Rates Over Time, by race



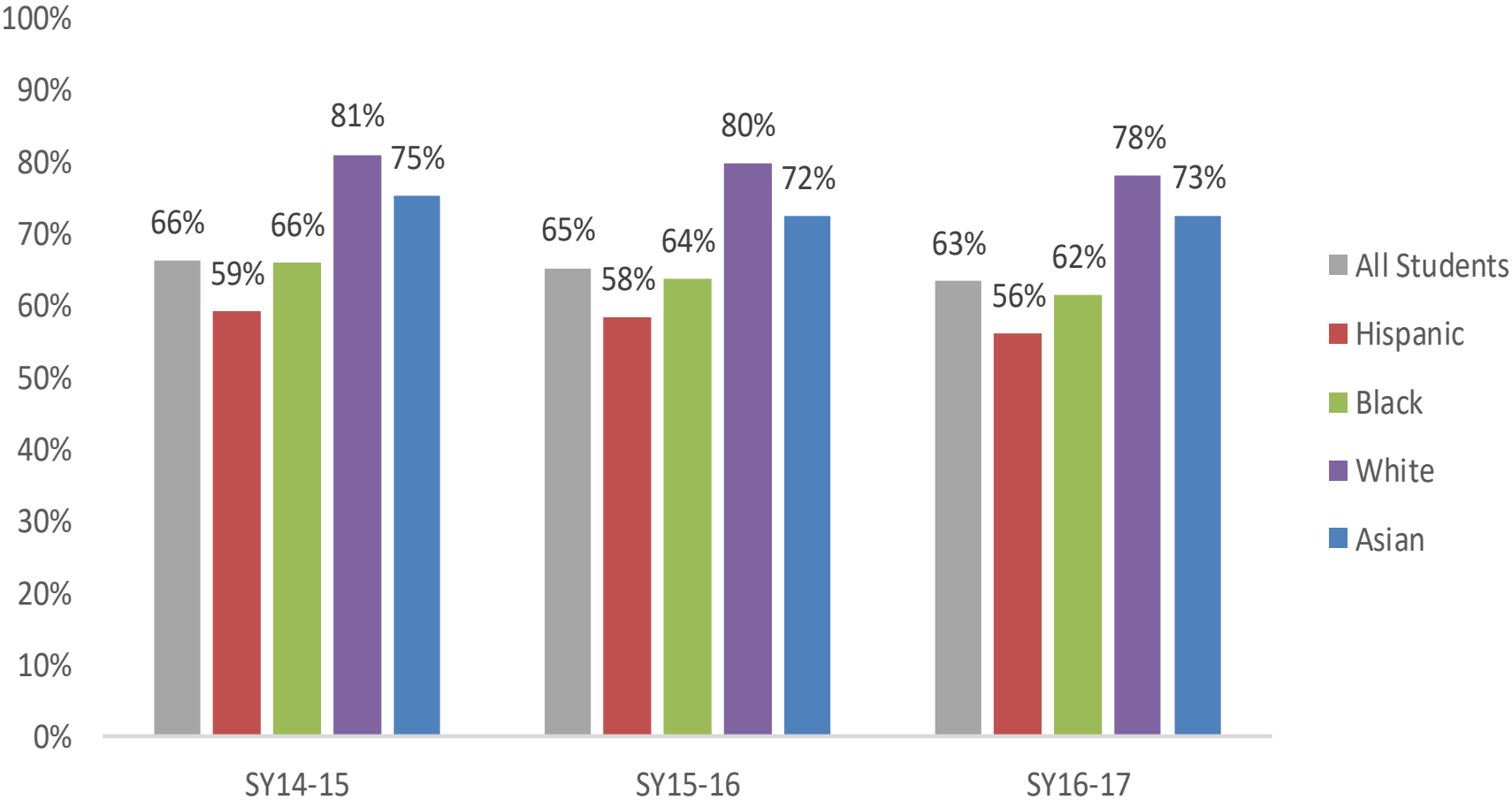
ACCESS for ELL results, by race

School ACCESS Levels by # of Years in MA - SY16-17



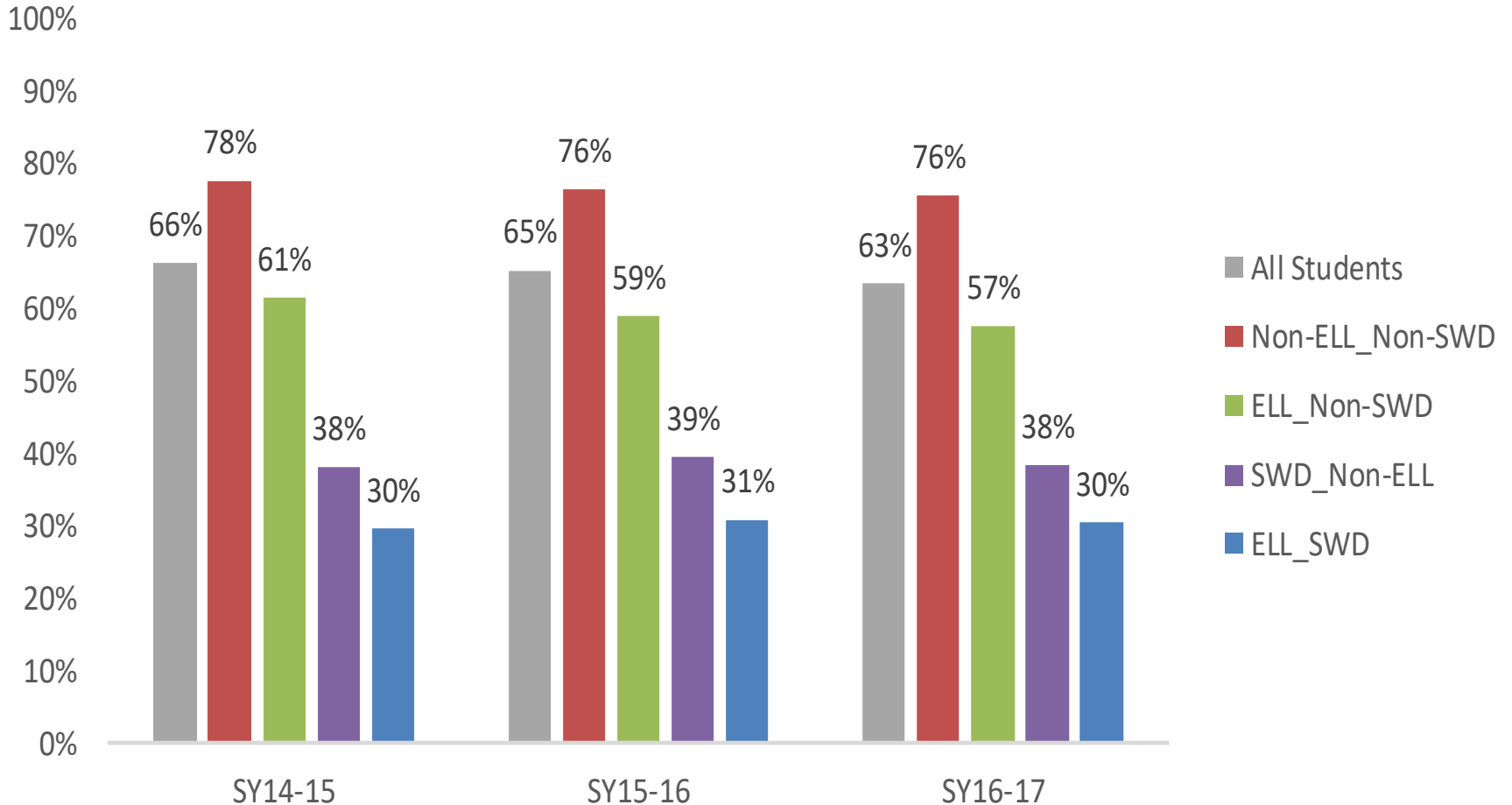
DIBELS Results Over Time, by race

EOY Percent of Students at Benchmark Over Time



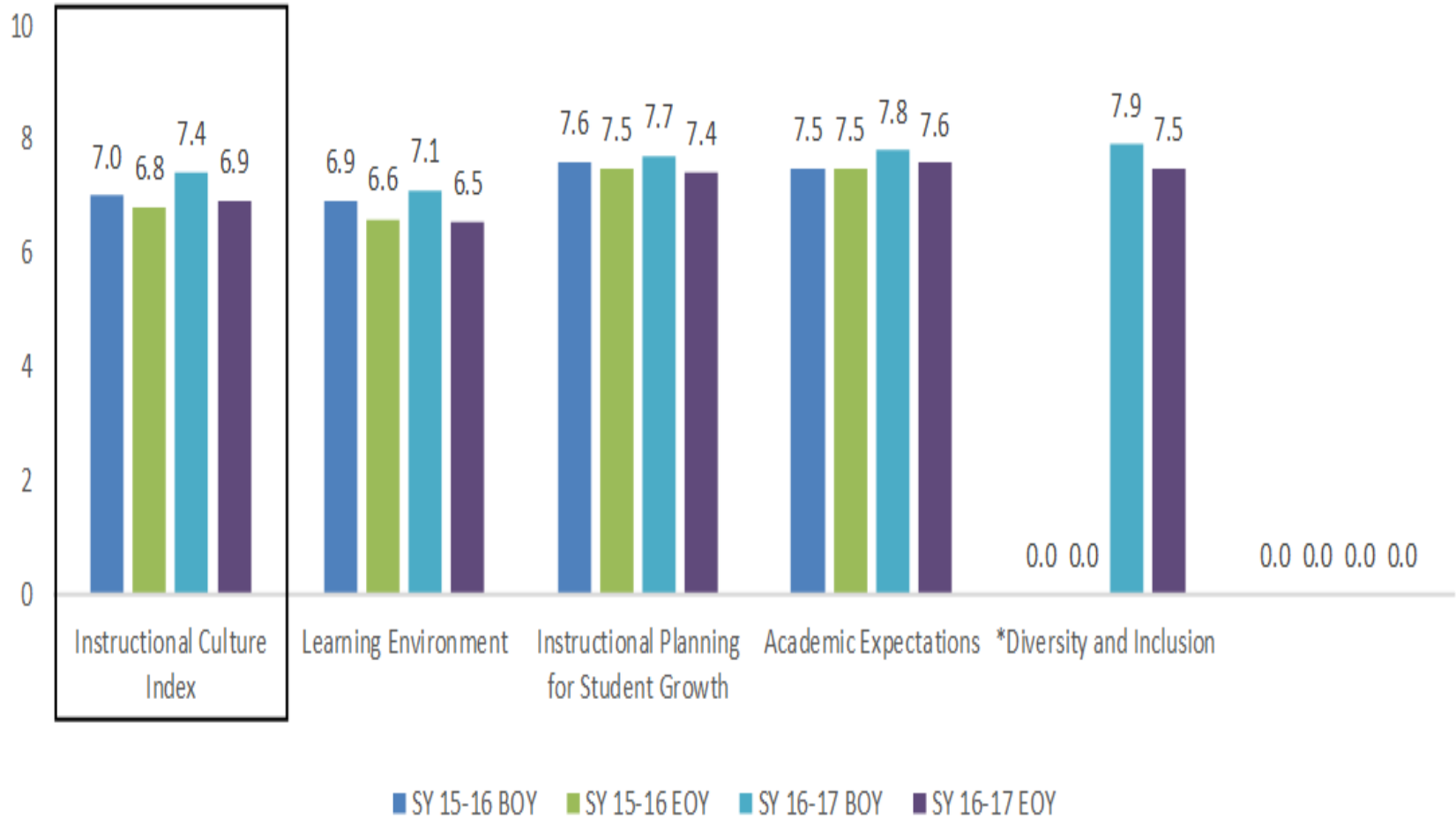
DIBELS Results Over Time, by student subgroup

EOY Percent of Students at Benchmark Over Time



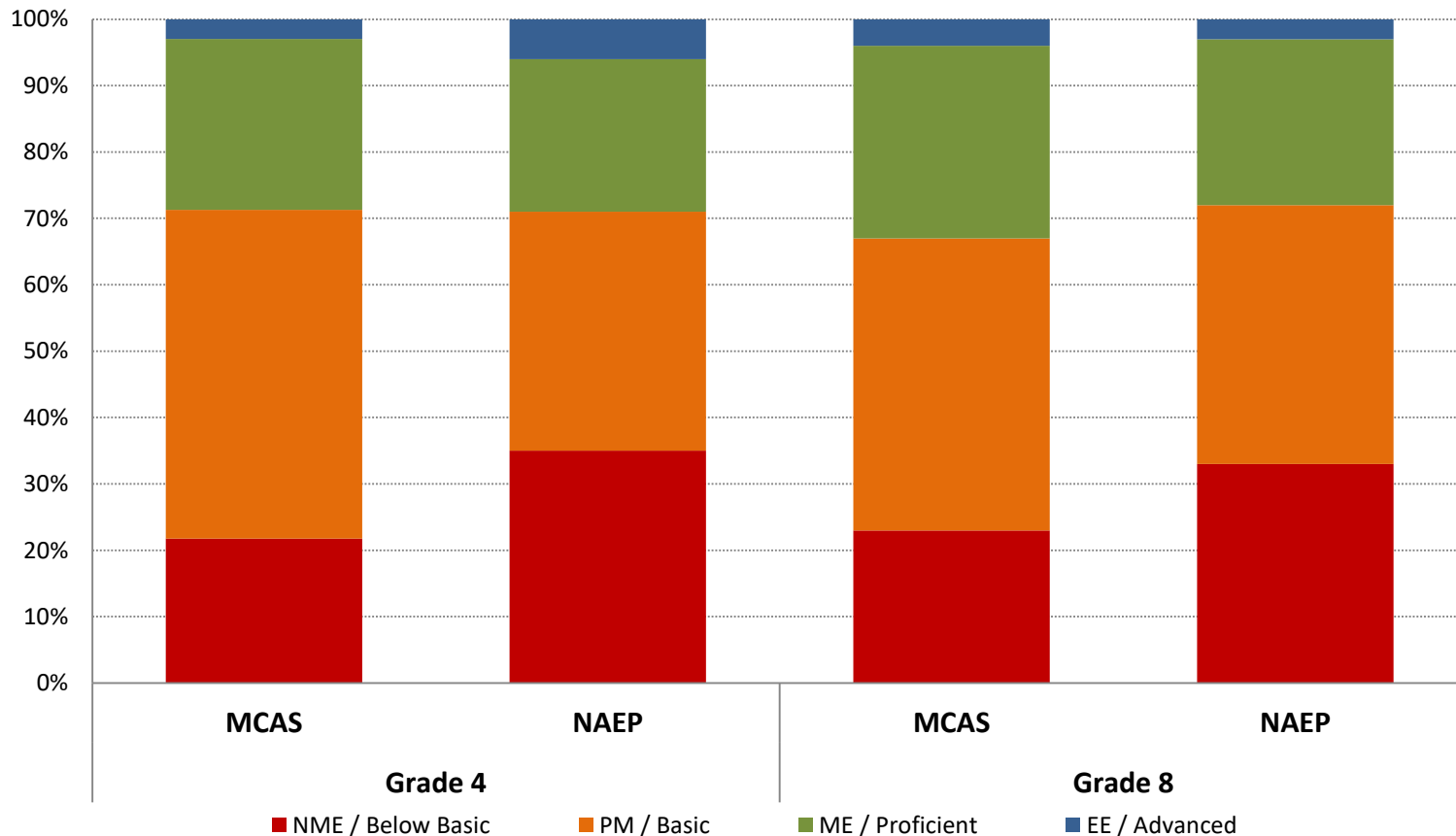
Instructional Culture Over Time

Average Instructional Culture Scores



2017 Next Gen. MCAS & 2015 NAEP Results: Grades 4 & 8 English Language Arts

Percent in Each ELA Achievement Level for Grades 4 & 8:
2017 Next-Gen MCAS vs 2015 NAEP



Average Math MCAS Scaled Scores; State, Urban School Districts in MA, & BPS

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7	499	489	489
8	500	490	490
Grades 3 - 8	499	491	489

Math Average Scaled Scores			
GROUP	STATE	USN	BPS
Asian	514	505	511
Af.Am.	487	484	482
Hispanic	488	486	485
White	502	497	503
ELL/ FELL	487	484	481
SWD	480	474	472