



Spring 2016 MCAS/PARCC Results for ELs and Former ELs

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Boston Public Schools

Presentation to the English Language Learner Task Force
of the Boston School Committee

December 1, 2016

Agenda:

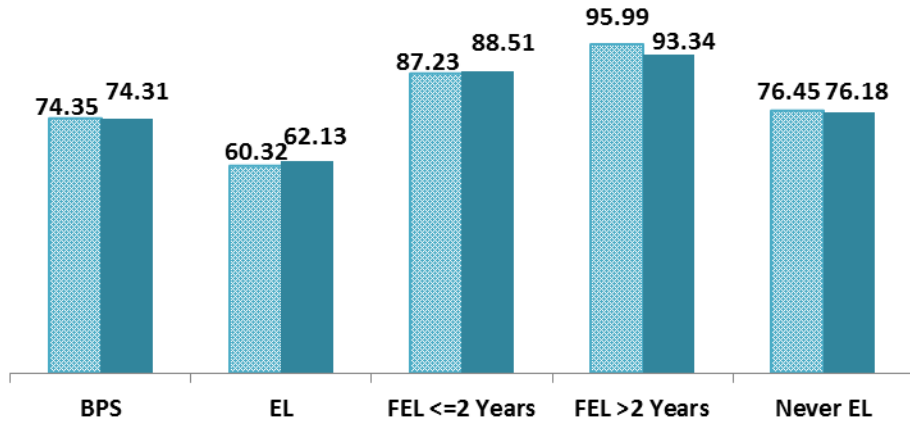
- **2016 Grade 3—8 ELA PARCC and 10 Grade MCAS For English Learner Students**
- **Discussion of BPS English Learner enrollment numbers**
- **Next Generation MCAS**

2016 Grade 3—8 ELA PARCC For English Learner Students

Spring 2016 vs. Spring 2015 PARCC ELA & Math CPI By EL Status*

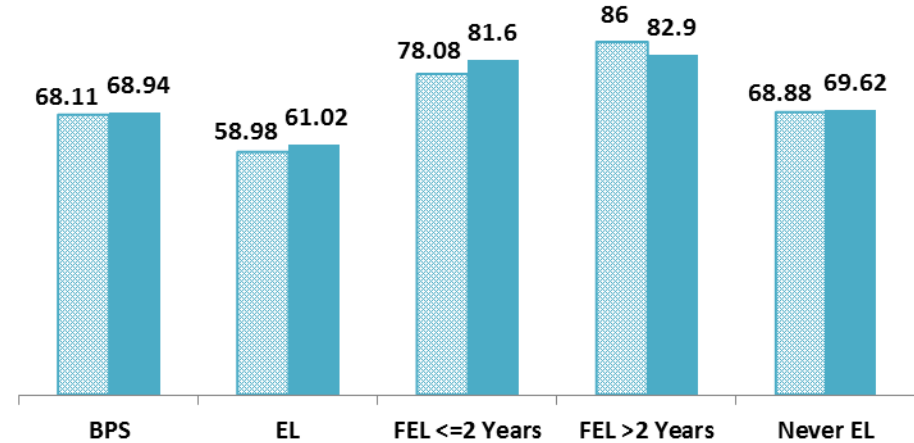
ELA PARCC CPI : 03-08 Grades

2015 PARCC Mean Trans CPI 2016 PARCC Mean Trans CPI



Math PARCC CPI: 03-08 Grades

2015 PARCC Mean Trans CPI 2016 PARCC Mean Trans CPI



	# Students in calculation			
	ELA		Math	
	2015 PARCC CPI	2016 PARCC CPI	2015 PARCC CPI	2016 PARCC CPI
BPS	20777	21912	20762	21862
EL	5593	6152	5661	6192
FEL <=2 Years	1910	1269	1902	1262
FEL >2 Years	1333	1724	1323	1718
Never EL	11940	12752	11875	12675

This analysis contains the Horace Mann Charter Schools.

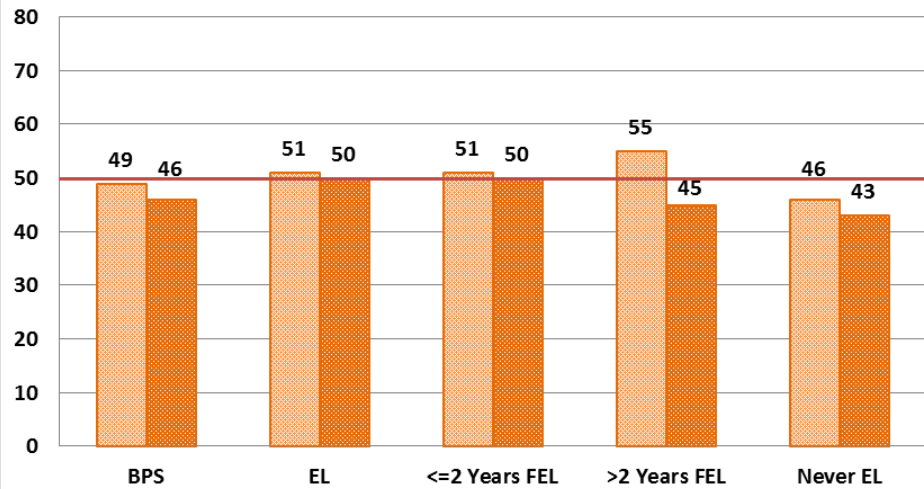
* - LEP status as it was when a student was assessed.

** - Former EL students divided in two groups. One group includes students who were less than 2 years FLEP when a student was assessed, another group includes students who were more than 2 years FLEP when a student was assessed.

Spring 2016 vs. Spring 2015 ELA & Math PARCC SGP By EL Status*

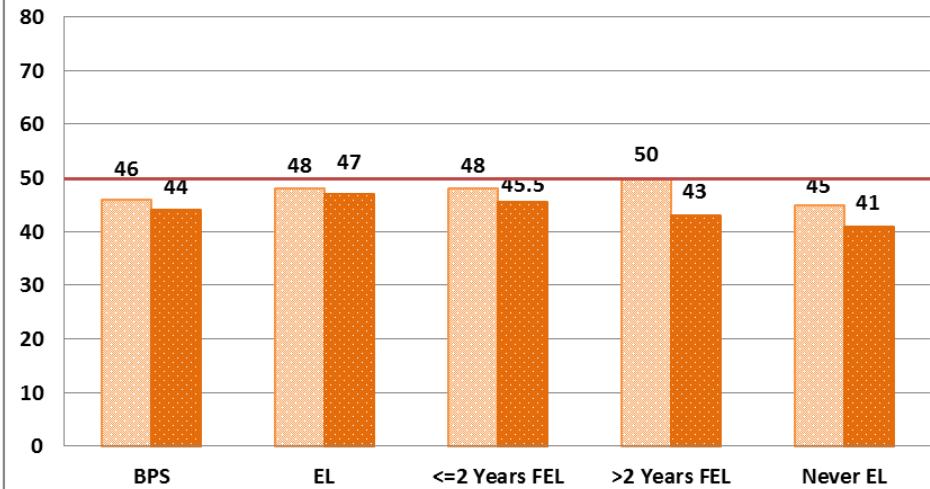
ELA PARCC: 03-08 Grades

2015 PARCC Median Trans. SGP 2016 PARCC Median Trans. SGP



Math PARCC: 03-08 Grades

2015 PARCC Median Trans. SGP 2016 PARCC Median Trans. SGP



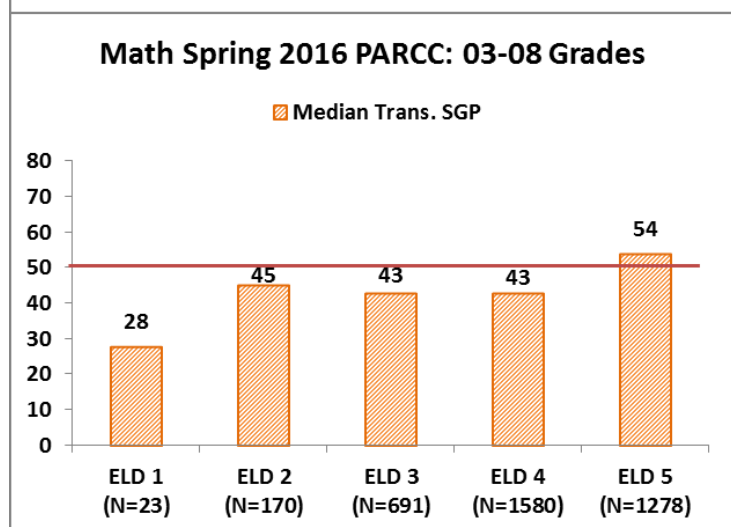
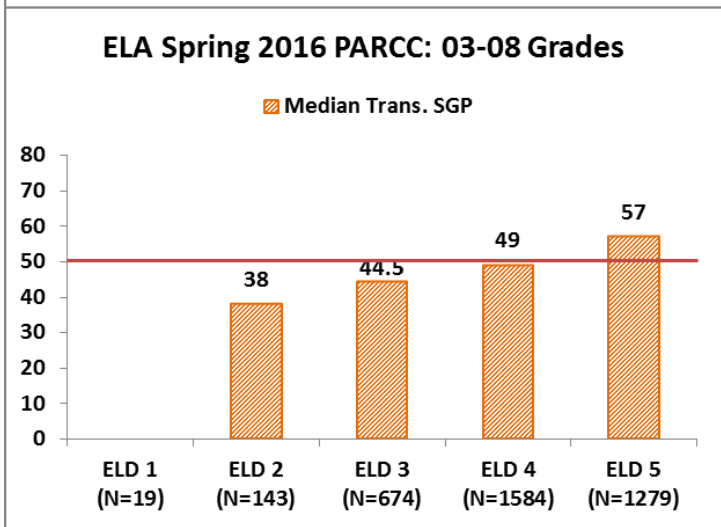
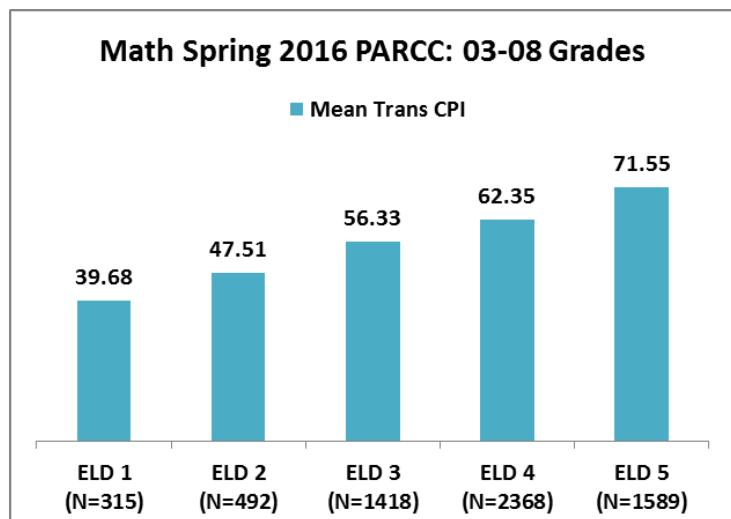
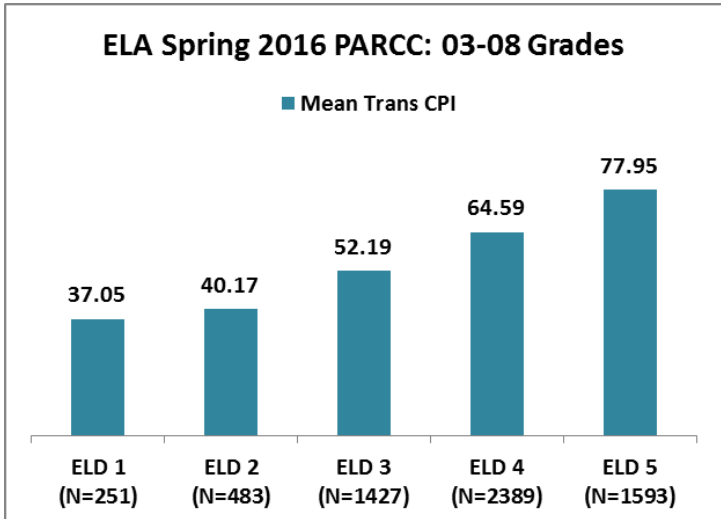
	# Students in calculation			
	ELA		Math	
	2015 PARCC SGP	2016 PARCC SGP	2015 MCAS SGP	2016 MCAS SGP
BPS	15309	15158	2867	2930
EL	3564	3701	334	360
<=2 Years FEL	1845	1269	121	190
>2 Years FEL	1321	1724	681	743
Never EL	8578	8734	1725	1633

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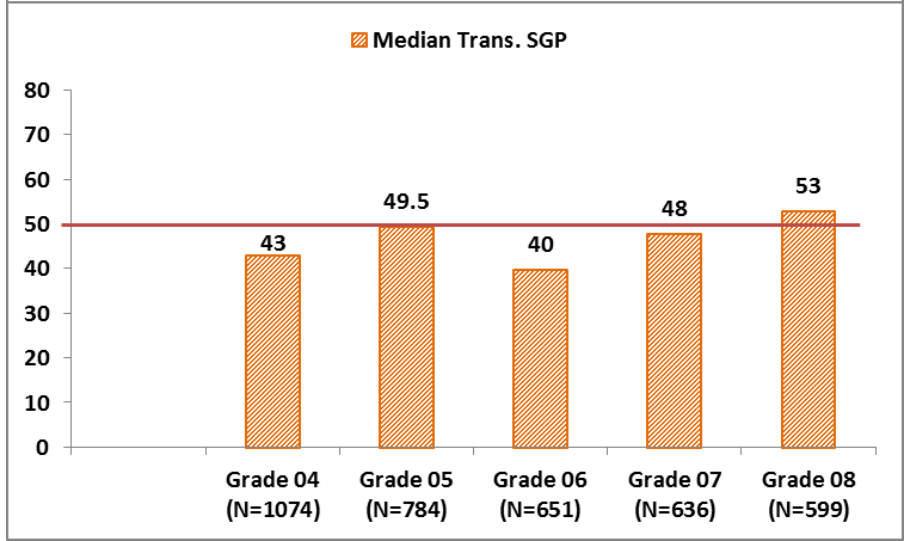
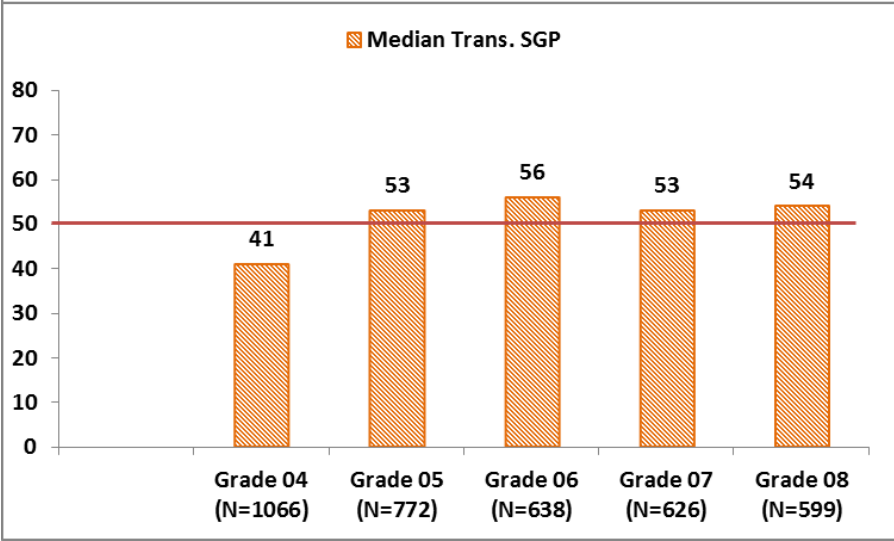
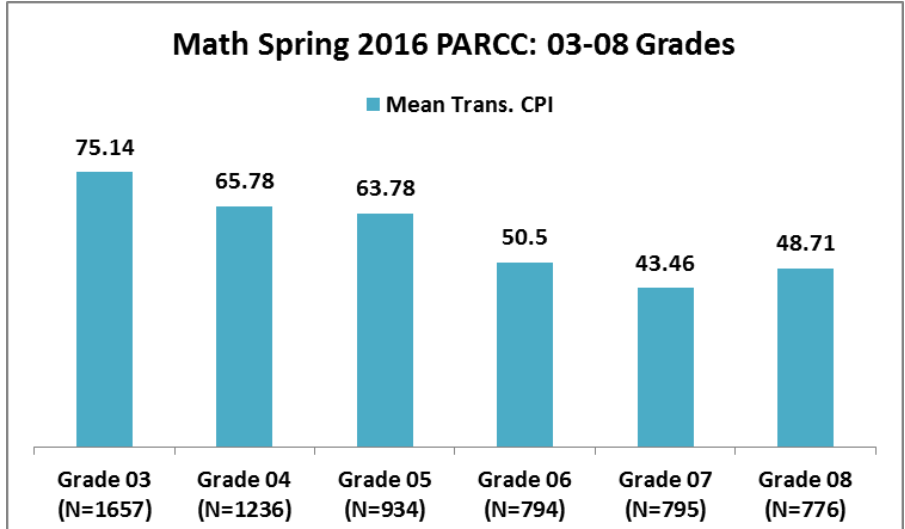
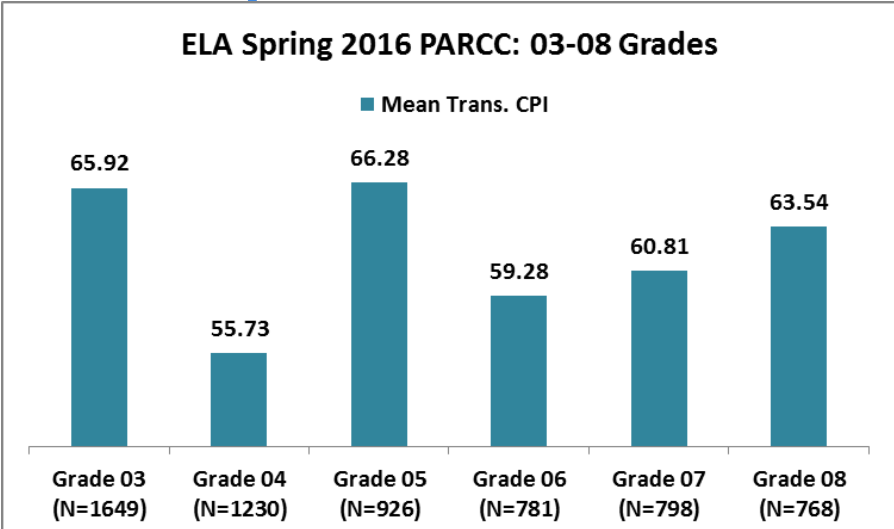
EL Students' Spring 2016 ELA & Math PARCC CPI & SGP Results by ELD Level*



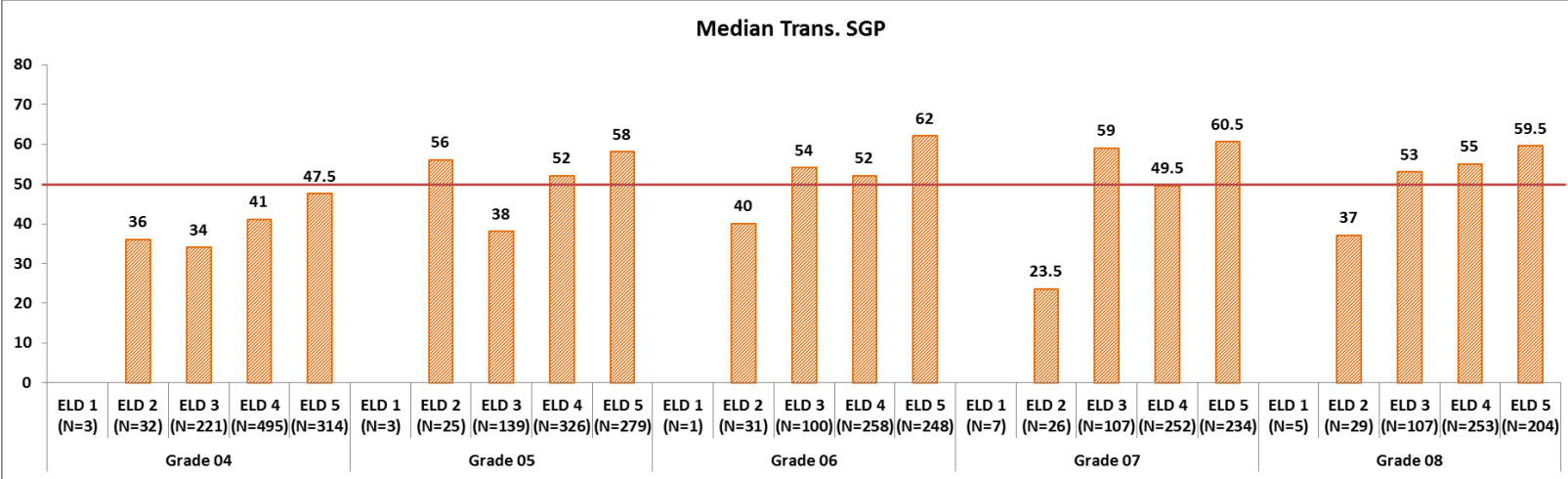
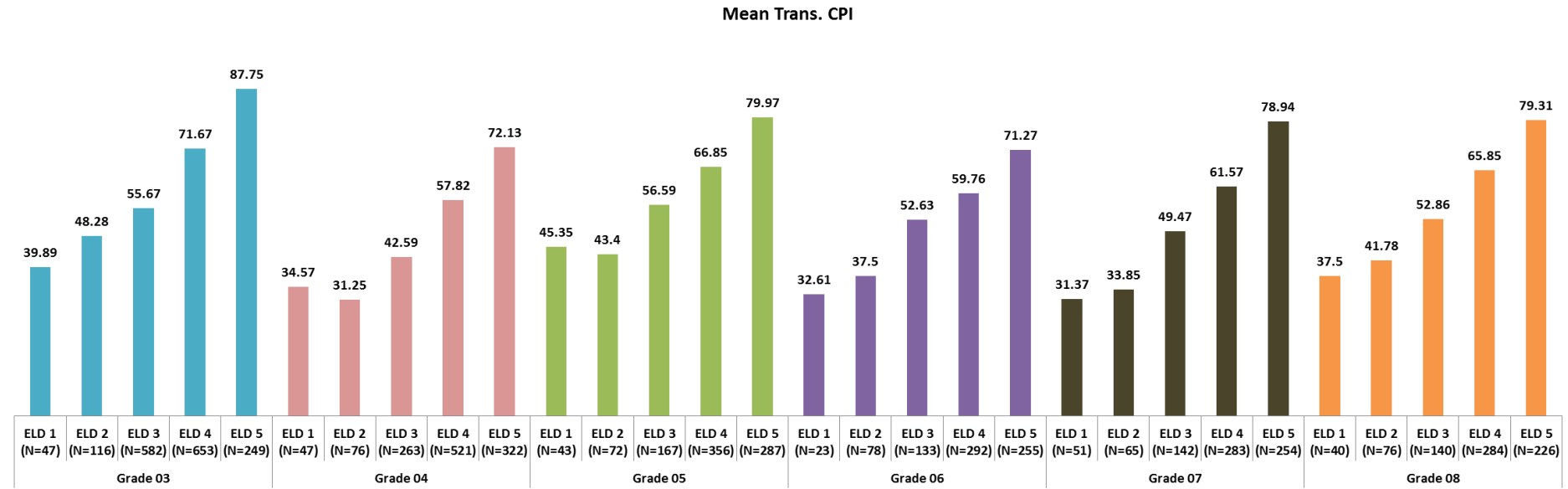
* - ELD Level as it was when a student was assessed.
 BPS ELD levels are assigned through the initial screener and updated annually based on the annual English proficiency results (ACCESS for ELL) as well as teacher input and other school-level data.

CPI result is not displayed for group smaller than 10 students.
 SGP result is not displayed for group smaller than 20 students.

EL Students' ELA Spring 2016 PARCC Transitional CPI & SGP Results by Grade



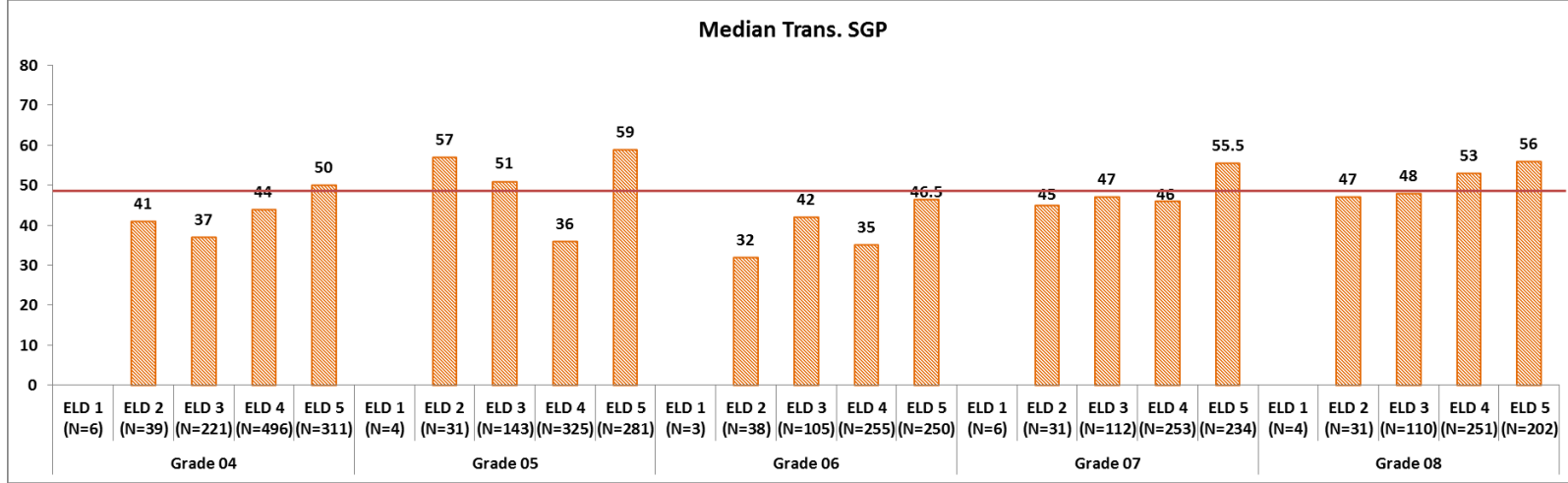
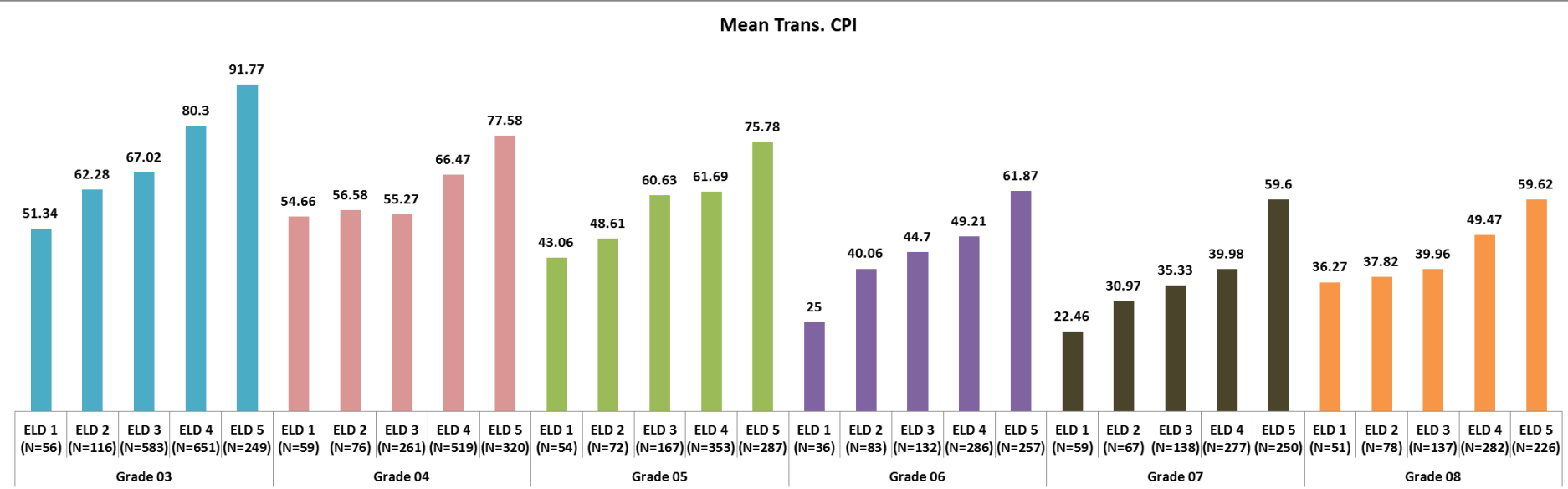
EL Students' Spring 2016 ELA PARCC Transitional CPI & SGP Results by Grade and ELD Level*



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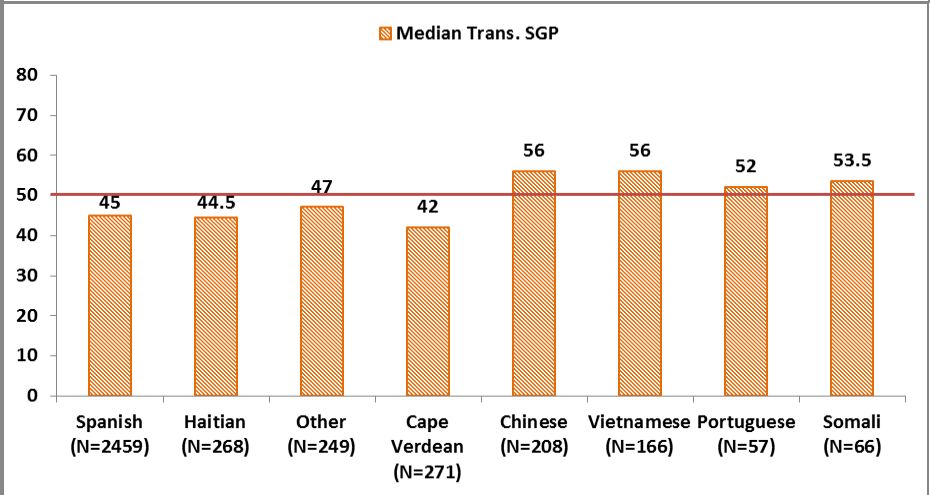
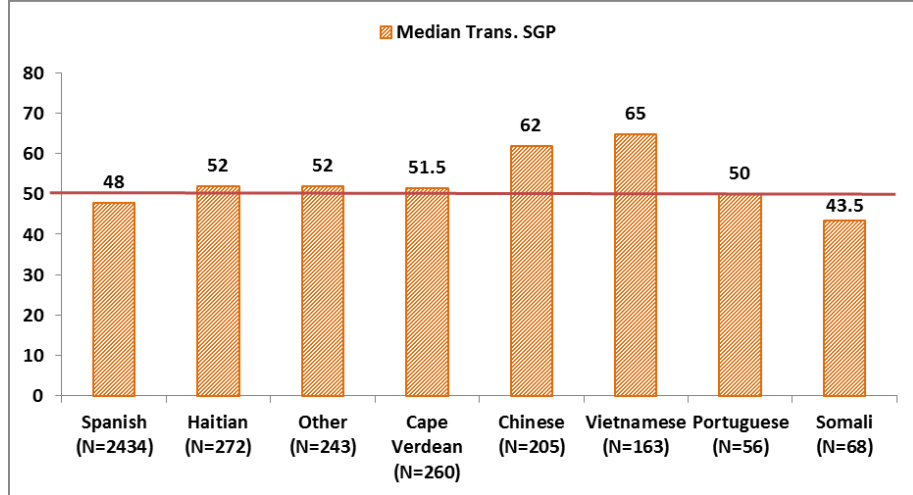
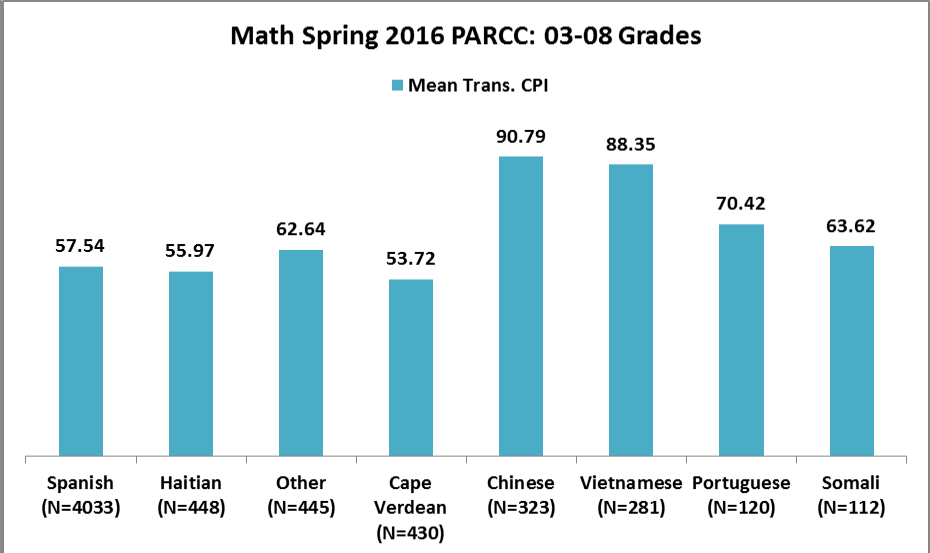
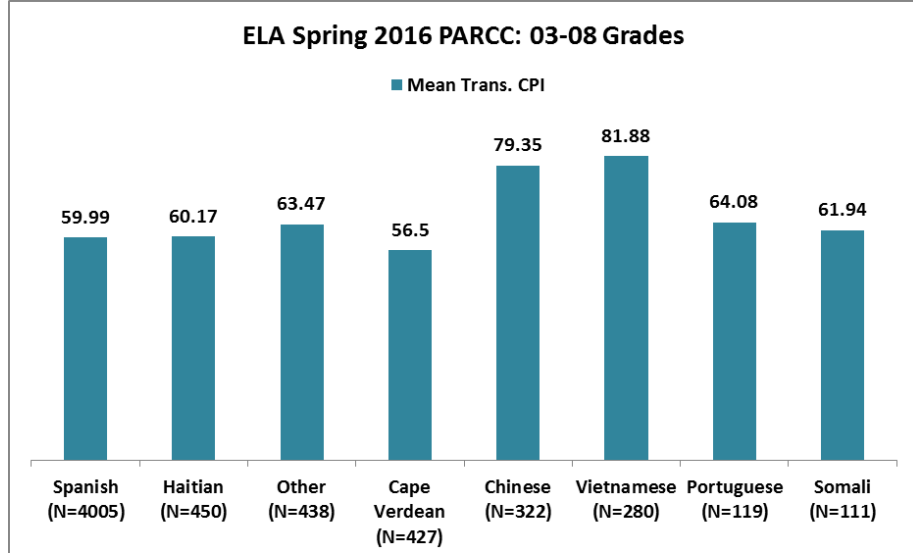
EL Students' Spring 2016 Math PARCC Transitional CPI & SGP Results by Grade and ELD Level*



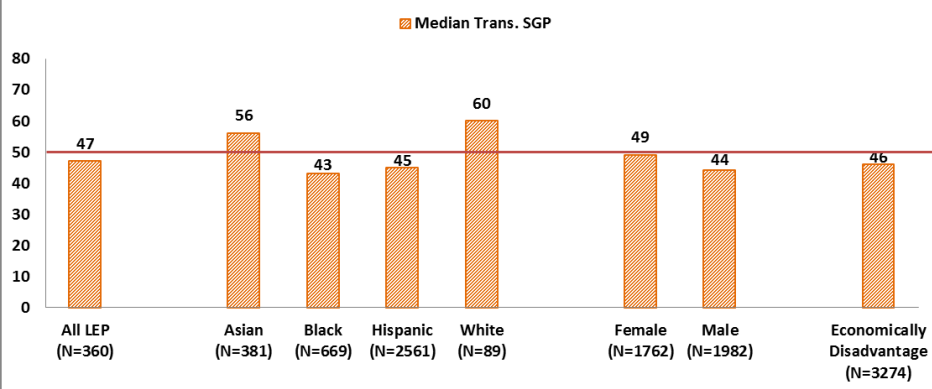
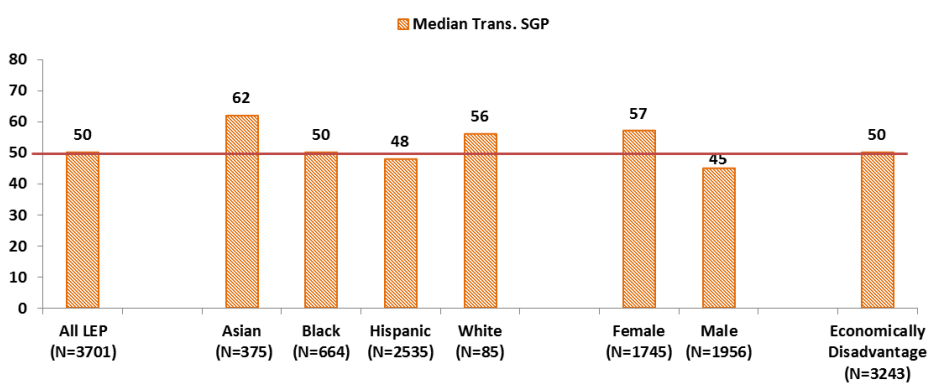
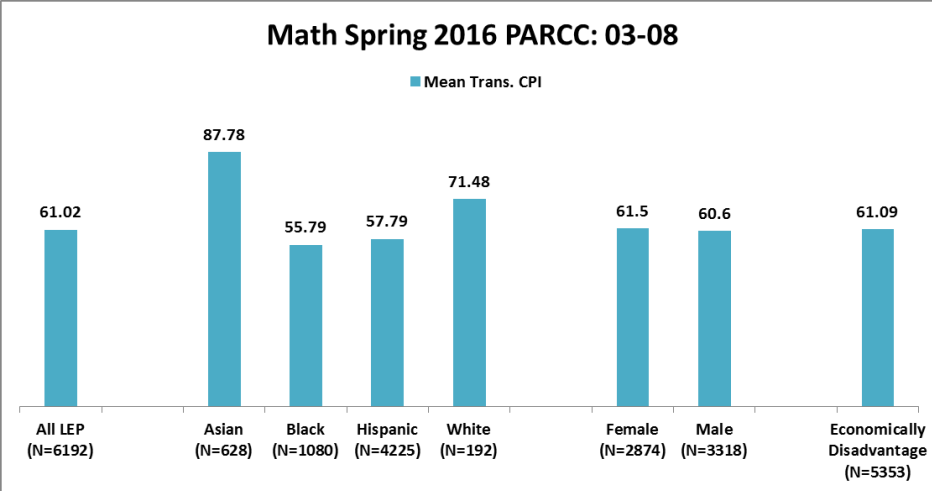
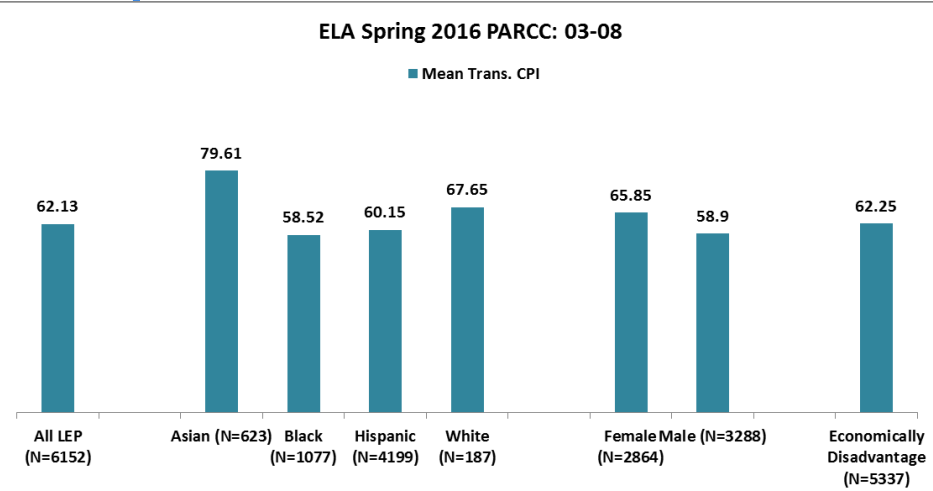
* - ELD Level as it was when a student was assessed.

CPI result is not displayed for group smaller than 10 students.
SGP result is not displayed for group smaller than 20 students.

LEP Students' Spring 2016 ELA & Math PARCC CPI & SGP Results by First Language



LEP Students' Spring 2016 ELA & Math PARCC CPI & SGP Results by Sub Groups



This analysis contains the Horace Mann Charter Schools.

The economically disadvantaged group (DESE definition):

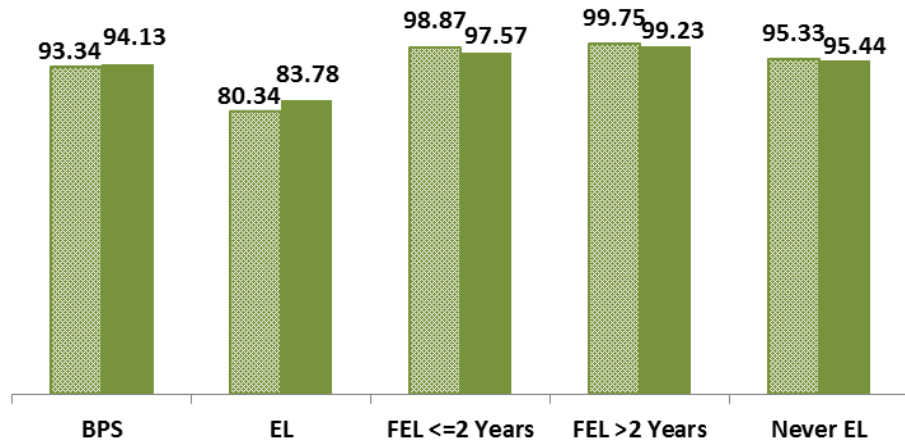
From 2015, Massachusetts no longer reported accountability data for the low income subgroup, and instead reported data for the economically disadvantaged subgroup. Unlike the low income subgroup, which was determined based on a student's eligibility for free or reduced-price lunch, the new economically disadvantaged group includes only those students who participate in one or more of the following state administered programs: the Supplemental Nutrition Assistance Program (SNAP); Transitional Assistance for Families with Dependent Children (TAFDC); the Department of Children and Families' (DCF) foster care program; and MassHealth (Medicaid). Economically disadvantaged students are also included in the high needs subgroup.

2016 10 Grade MCAS For English Learner Students

Spring 2016 vs. Spring 2015 ELA & Math MCAS CPI By EL Status*

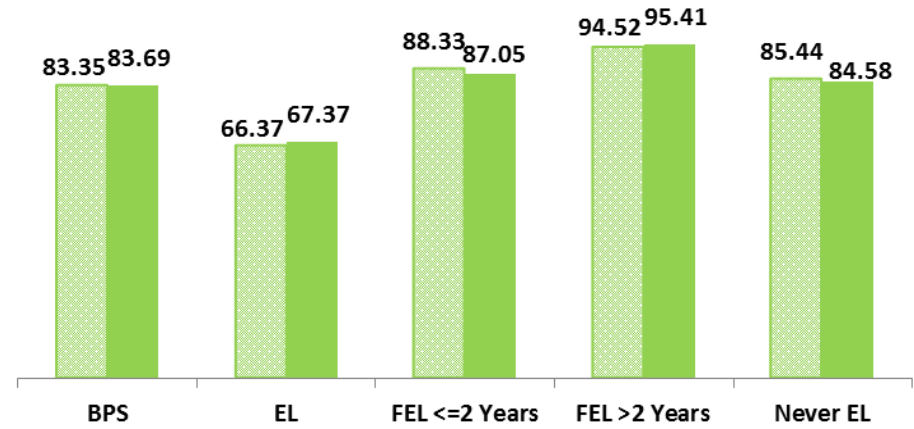
ELA MCAS CPI : 10 Grade

2015 MCAC Mean CPI 2016 MCAC Mean CPI



Math MCAS CPI : 10 Grade

2015 MCAC Mean CPI 2016 MCAC Mean CPI



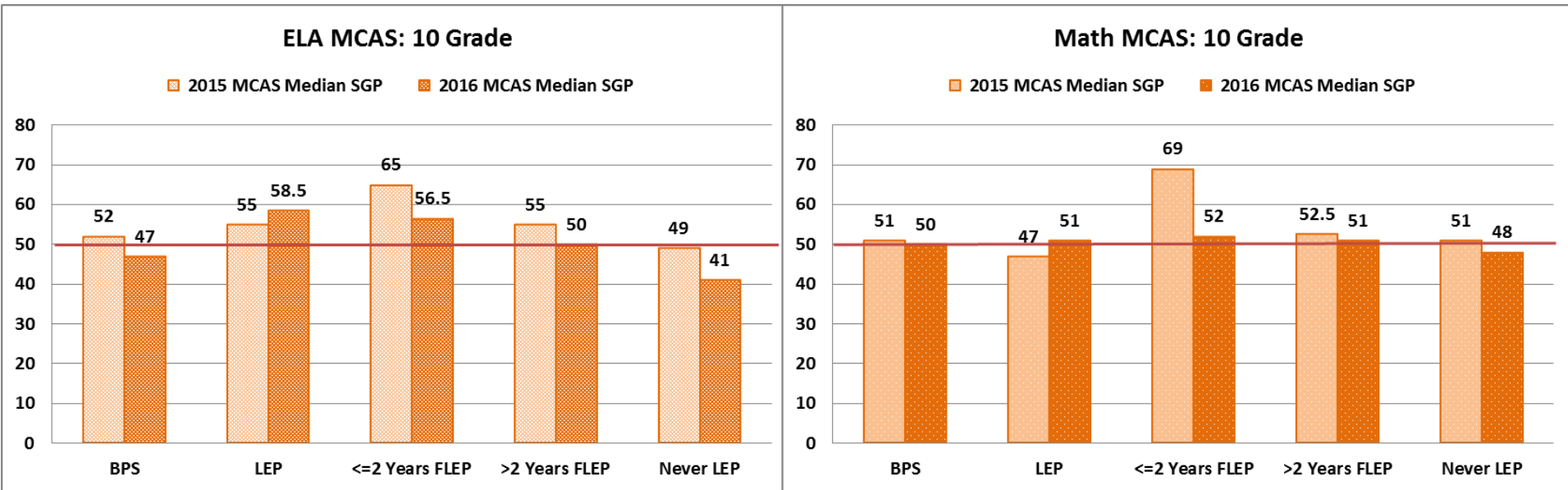
	# Students in calculation			
	ELA		Math	
	2015 MCAS CPI	2016 MCAS CPI	2015 MCAS CPI	2016 MCAS CPI
BPS	3580	3622	3576	3626
EL	707	698	710	698
FEL <=2 Years	244	216	240	220
FEL >2 Years	603	777	607	773
Never EL	2020	1926	2013	1928

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Spring 2016 vs. Spring 2015 ELA & Math MCAS SGP By EL Status*



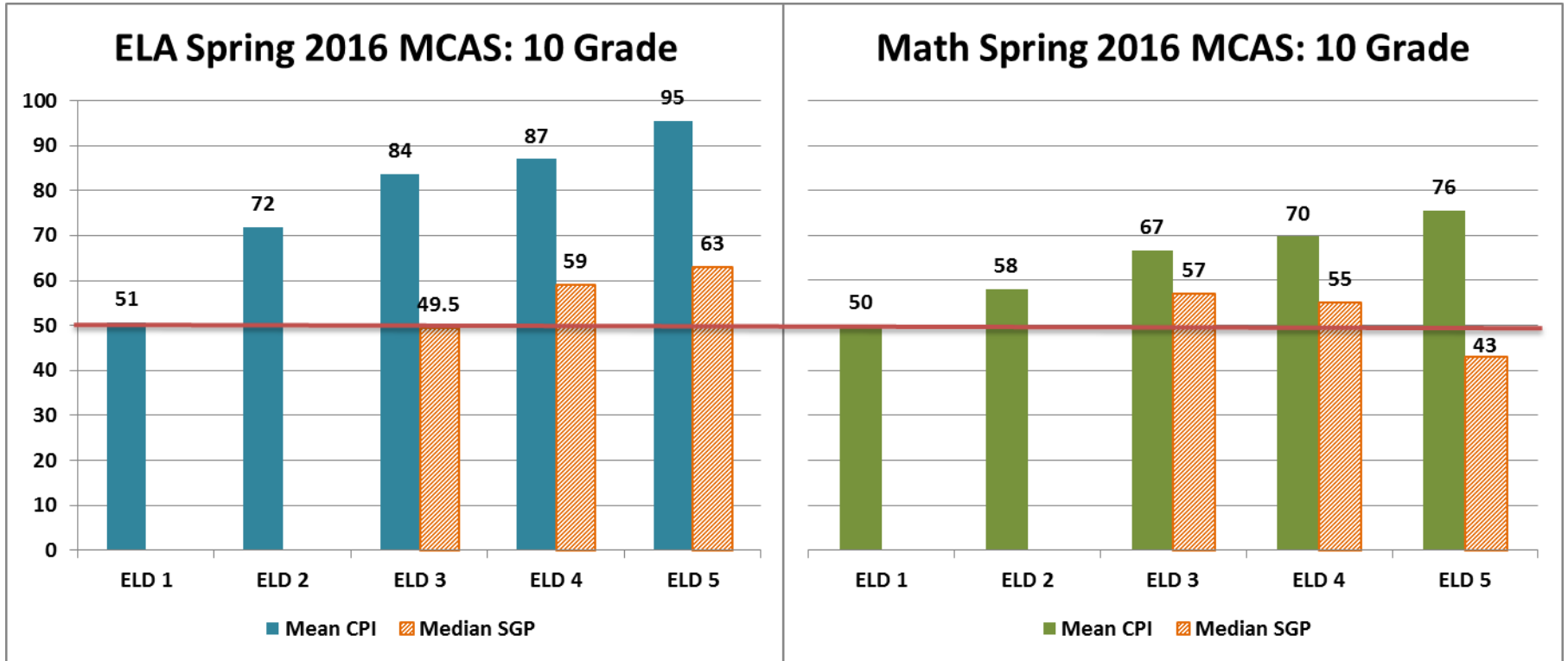
	# Students in calculation			
	ELA		Math	
	2015 MCAS SGP	2016 MCAS SGP	2015 MCAS SGP	2016 MCAS SGP
BPS	2867	2930	2907	2935
EL	334	360	343	367
<=2 Years FEL	121	190	122	193
>2 Years FEL	681	743	686	741
Never EL	1725	1633	1751	1628

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ELL Students' ELA & Math Spring 2016 MCAS CPI & SGP Results by ELD Level*

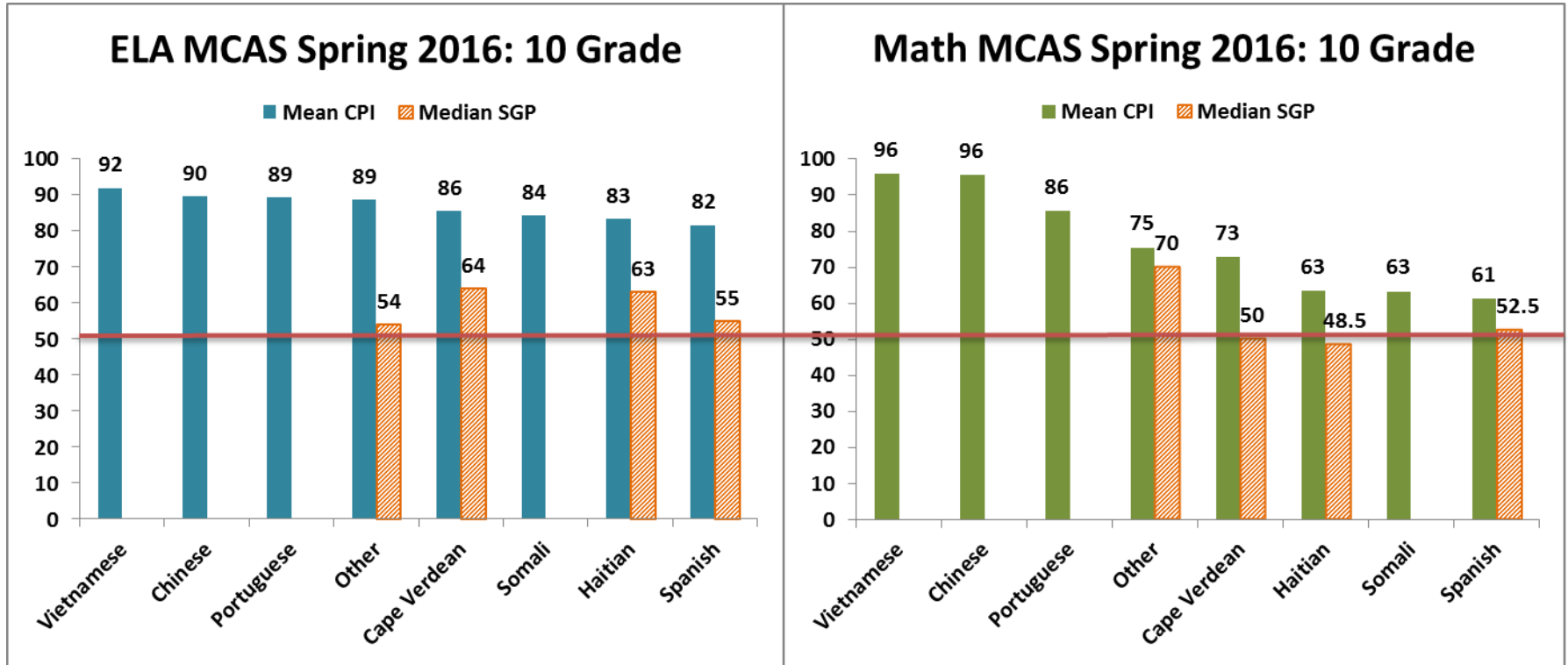


# Students in calculation					
ELA MCAS	ELD 1	ELD 2	ELD 3	ELD 4	ELD 5
CPI	32	120	151	248	147
SGP	2	6	54	171	127

# Students in calculation					
Math MCAS	ELD 1	ELD 2	ELD 3	ELD 4	ELD 5
CPI	33	120	150	246	149
SGP	2	11	55	169	130

CPI result is not displayed for group smaller than 10 students.
 SGP result is not displayed for group smaller than 20 students.

ELL Students' ELA & Math Spring 2016 MCAS CPI & SGP Results by First Language



# Students in calculation								
ELA MCAS	Vietnamese	Chinese	Portuguese	Other	Cape Verdean	Somali	Haitian	Spanish
CPI	31	29	14	53	83	16	69	403
SGP	12	18	5	30	45	5	30	215

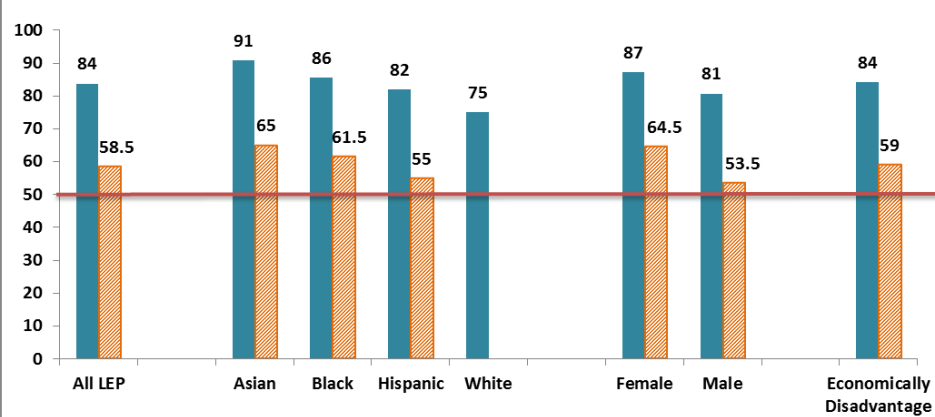
# Students in calculation								
Math MCAS	Vietnamese	Chinese	Portuguese	Other	Cape Verdean	Somali	Haitian	Spanish
CPI	31	29	14	52	83	15	69	405
SGP	12	18	5	31	44	5	30	222

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 SGP result is not displayed for group smaller than 20 students.

LEP Students' Spring 2016 ELA & Math MCAS CPI & SGP Results by Sub Groups

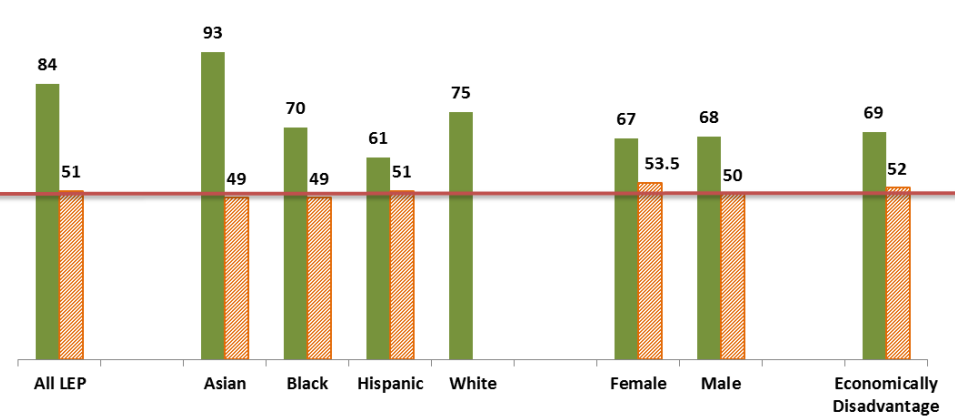
ELA Spring 2016 MCAS: 10 Grade

■ Mean CPI ■ Median SGP



Math Spring 2016 MCAS: 10 Grade

■ Mean CPI ■ Median SGP



Students in calculation

ELA MCAS	Asian	Black	Hispanic	White	Female	Male	Economically Disadvantage
CPI	68	206	410	10	332	366	563
SGP	33	96	221	7	178	182	322

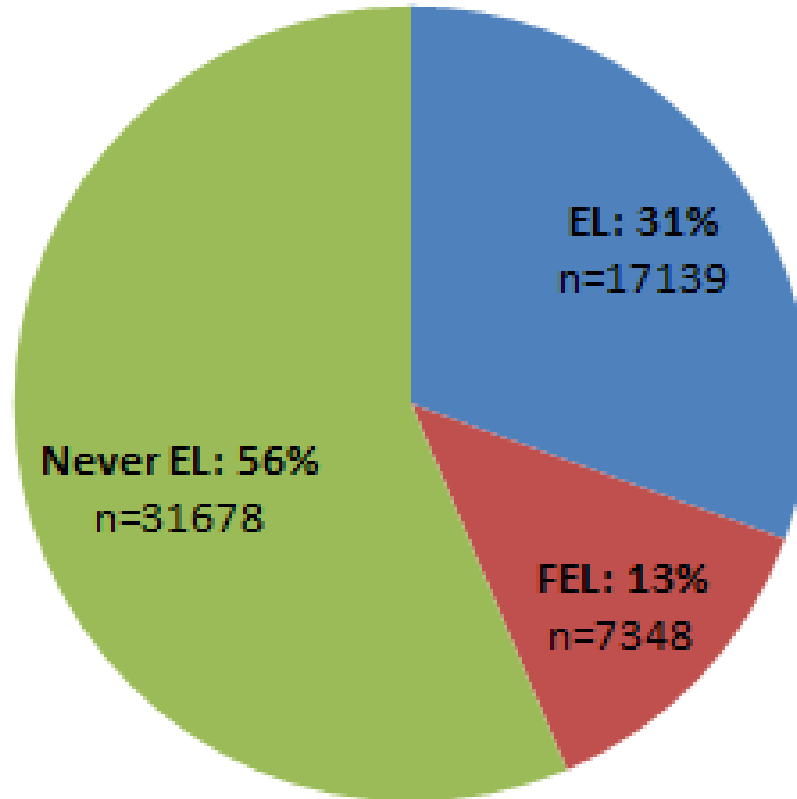
Students in calculation

Math MCAS	Asian	Black	Hispanic	White	Female	Male	Economically Disadvantage
CPI	68	203	412	11	330	368	561
SGP	33	96	227	8	180	187	327

CPI result is not displayed for group smaller than 10 students.
 SGP result is not displayed for group smaller than 20 students.

Discussion of BPS English Learner Enrollment Numbers

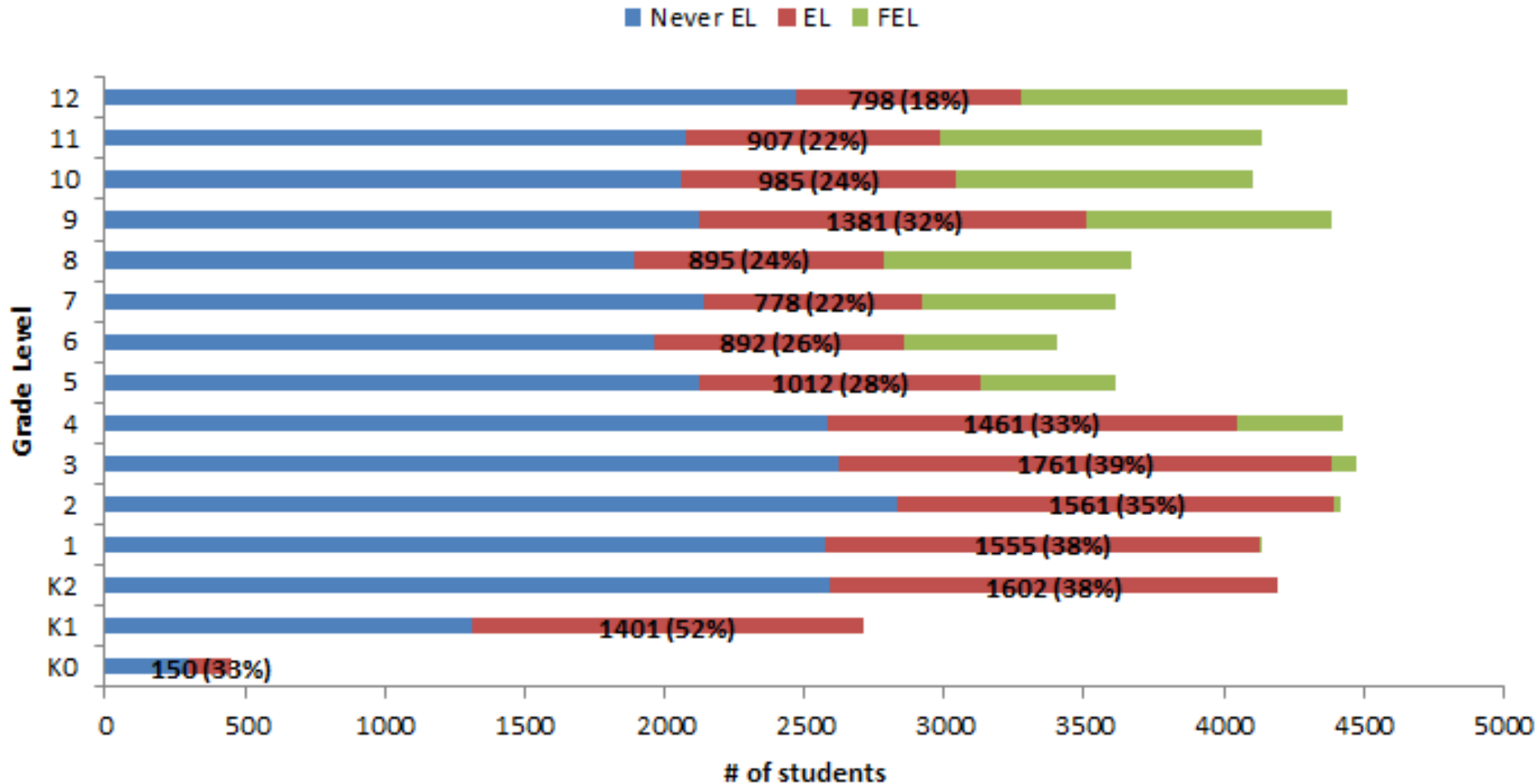
SY16-17 EL Enrollment



Data reflects active students as of 11/30/16 via Aspen SIS. Data includes in-district Horace Mann charter schools and Level 5 schools but excludes outplacements and Re-Engagement Center.



SY16-17 EL Enrollment by Grade



Data reflects active students as of 11/30/16 via Aspen SIS. Data includes in-district Horace Mann charter schools and Level 5 schools but excludes outplacements and Re-Engagement Center.

SY16-17 EL Enrollment by School Type

School Type	# ELs
<i>Total BPS</i>	17,139
“Traditional” BPS Schools	16,139
In-District Horace Mann Charter Schools	487
Level 5 Schools	513

Data reflects active students as of 11/30/16 via Aspen SIS. Data includes in-district Horace Mann charter schools and Level 5 schools but excludes outplacements and Re-Engagement Center.

SY16-17 EL Enrollment: Level 5 & In-District Charter Schools

In-District Horace Mann Charter Schools	# ELs
Boston Day/Evening Academy	37
Boston Green Academy	59
Dudley Street Neighborhood School	91
Kennedy Academy for Health Careers	47
UP Academy Boston	79
UP Academy Dorchester	174

Level 5 Schools	# ELs
Dever Elementary	229
UP Academy Holland	284

Data reflects active students as of 11/30/16 via Aspen SIS.

EL Reporting

Data Source	# ELs
DESE Oct 2015 SIMS http://profiles.doe.mass.edu/state_report/selectedpopulations.aspx (retrieved 11/30/16)	16,228
BPS K0-12 as of 10/26/15 Aspen SIS	16,890
BPS K2-12 as of 10/26/15 Aspen SIS	15,504
October 2015 Paragraph 54 Report Summary Analysis	13,045



EL Reporting (cont.)

DESE numbers and BPS numbers may differ for two reasons:

- ❖ DESE enrollment data comes from the SIMS file that districts report to DESE three times per year (Oct 1, March 1, June 1). This is static data whereas our enrollment fluctuates daily;
- ❖ DESE considers our in-district Horace Mann charter schools as their own LEAs. Therefore when DESE reports BPS data, these schools are excluded. BPS traditionally requests student outcomes data directly from our in-district Horace Mann charter schools to include in our own analysis. .

Number of EL students presented in Paragraph 54 Summary Analysis:

- ❖ Our Paragraph 54 report is structured such that we have one “main” list of K2-12 English Learner students in one tab (n = 13,092 as of Oct. 2016 report) and in other separate tabs we include students in our “separately” reported schools (22 schools in our Oct. 2016 report). These “separately” reported schools follow a different instructional model (e.g., dual language schools) and/or report to a different local educational agency (LEA).
- ❖ For ease of reporting, we include only the “main list” of students in our summary analysis of our level of service, but services for all EL students are reported to the US Department of Justice and Office for Civil Rights.

Next Generation MCAS

MA State Board of Education voted to develop a next-generation MCAS

MA “test drove” PARCC, introducing districts to a computer-based assessment aligned to college- and career-ready standards



MA Board voted in November 2015 to develop next-generation MCAS, using the best of MCAS and PARCC



What does “next-generation” mean?

- ★ Computer-based
- ★ Stronger alignment to the Massachusetts learning standards
- ★ New item types that more deeply assess both skills and knowledge
- ★ Sending clear signals to students, parents, and educators about readiness for work at the next level



Draft performance descriptors

Exceeding Expectations

- Students performing at this level on this test exceed grade-level expectations for knowledge, skills, and understanding and are academically well prepared to succeed at the next grade level.

Meeting Expectations

- Students performing at this level on this test meet grade-level expectations for knowledge, skills, and understanding and are academically prepared to succeed at the next grade level.

Partially Meeting Expectations

- Students performing at this level on this test partially meet grade-level expectations for knowledge, skills, and understanding. These students may need coordinated assistance and/or additional instruction to succeed at the next grade level.

Not Yet Meeting Expectations

- Students performing at this level on this test did not meet grade-level expectations for knowledge, skills, and understanding. These students need substantial coordinated intervention and/or additional instruction to succeed at the next grade level.

Transition to computer-based testing

- ★ 2017: Grades 4 and 8 ELA and Math
 - ★ 2018: Grades 4, 5, 6, and 8 ELA, Math and STE
 - ★ 2019: Grades 3-8 & 10 ELA and Math, plus 5 & 8 STE
-
- ★ Paper based tests will continue to be available as an individual student accommodation



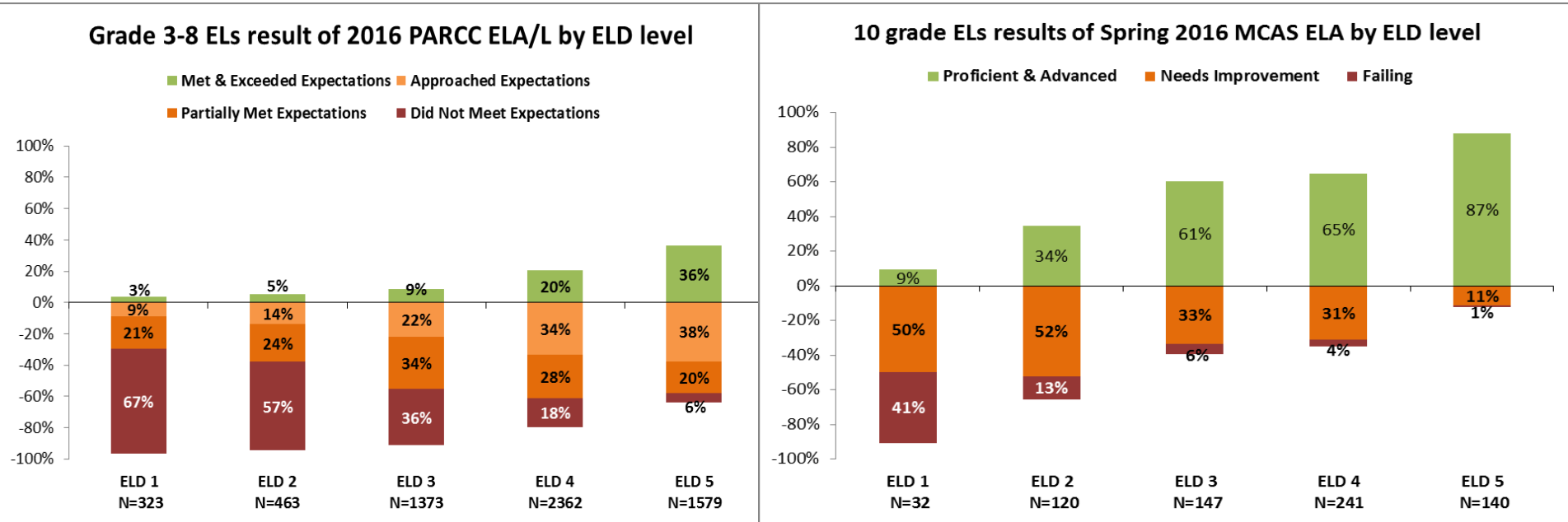
ELA and math test content

- ★ Combination of legacy MCAS items, PARCC items, and new items to be developed
- ★ All items to be reviewed by Massachusetts educators for curriculum alignment
- ★ Test designs have been published on website:
 - ★ <http://www.doe.mass.edu/mcas/tdd/ela.html?section=testdesign>
 - ★ <http://www.doe.mass.edu/mcas/tdd/math.html?section=testdesign>
- ★ Sample practice tests coming soon



APPENDIX

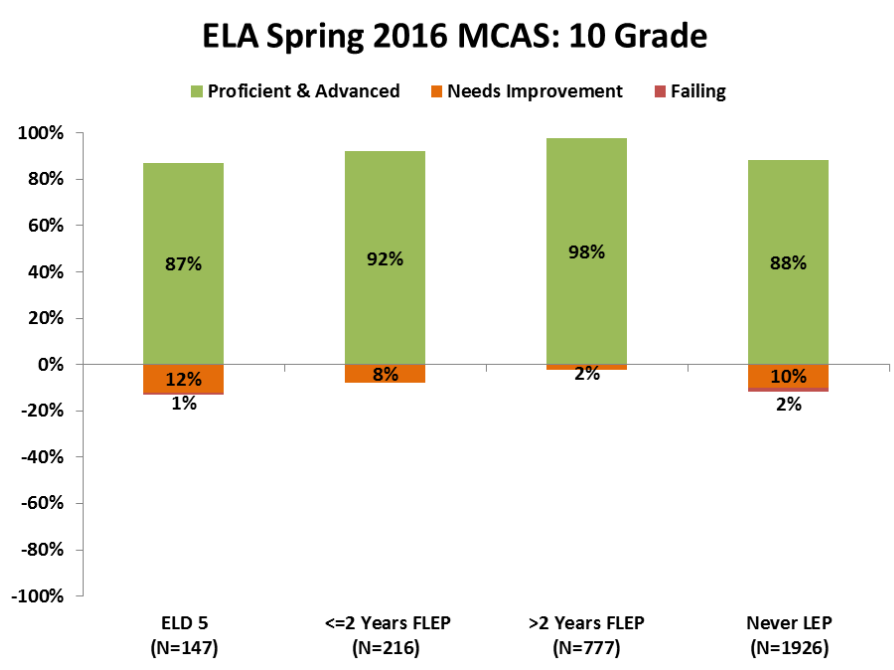
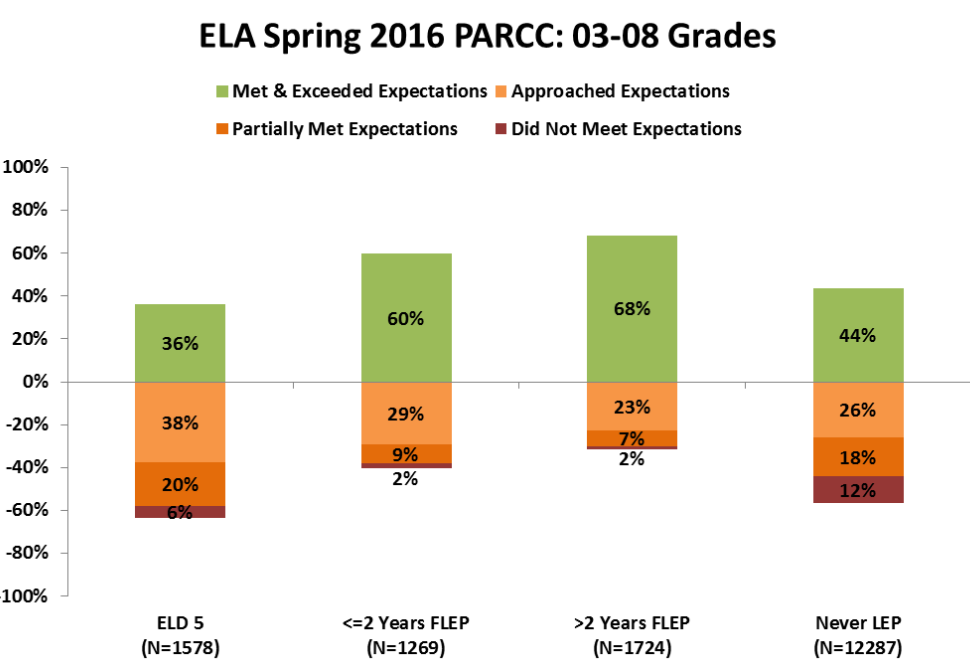
PARCC & MCAS ELA Performance for ELs by ELD Level*



This analysis contains the Horace Mann Charter Schools.

* - ELD Level as it was when a student was assessed.

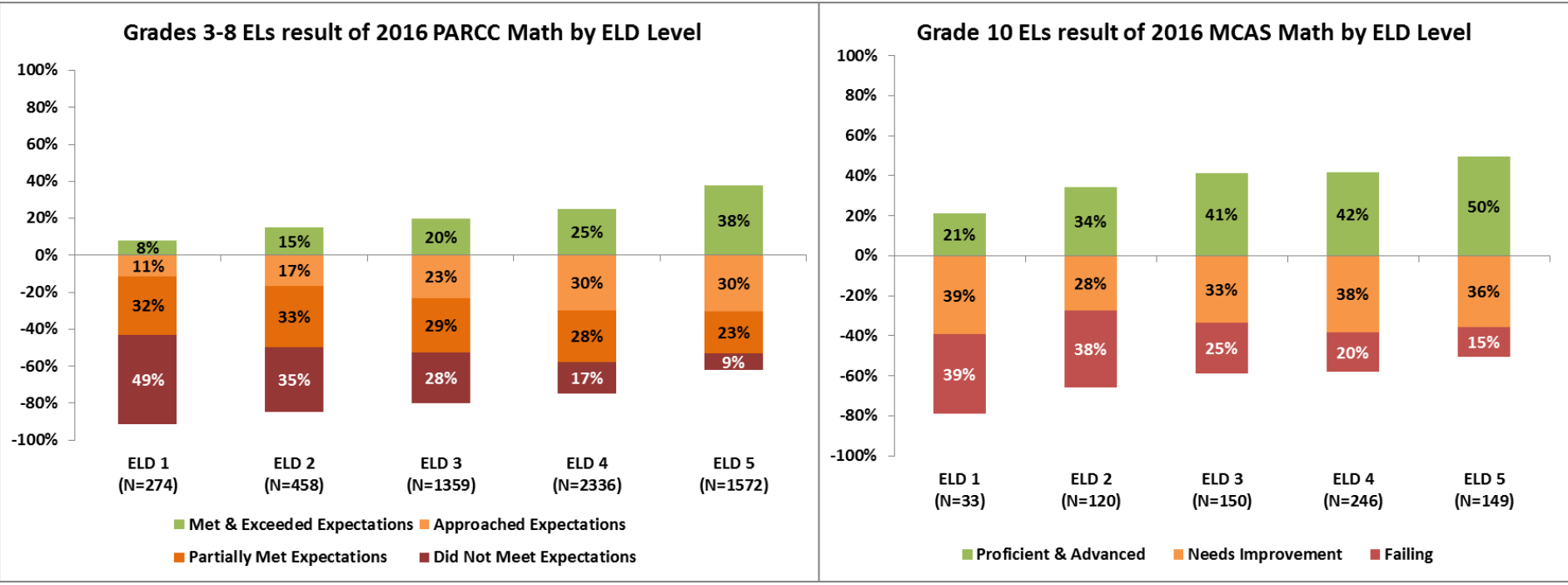
Spring 2016 PARCC & MCAS ELA Performance by LEP Status*



This analysis contains the Horace Mann Charter Schools.

* - LEP status as it was when a student was assessed.

PARCC & MCAS Math Performance for ELs by ELD Level*

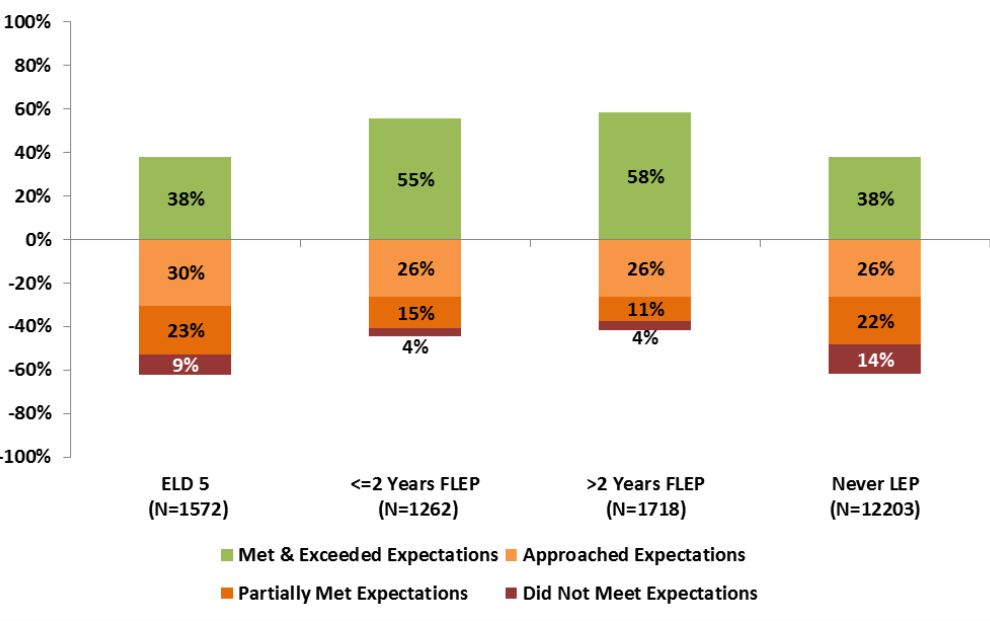


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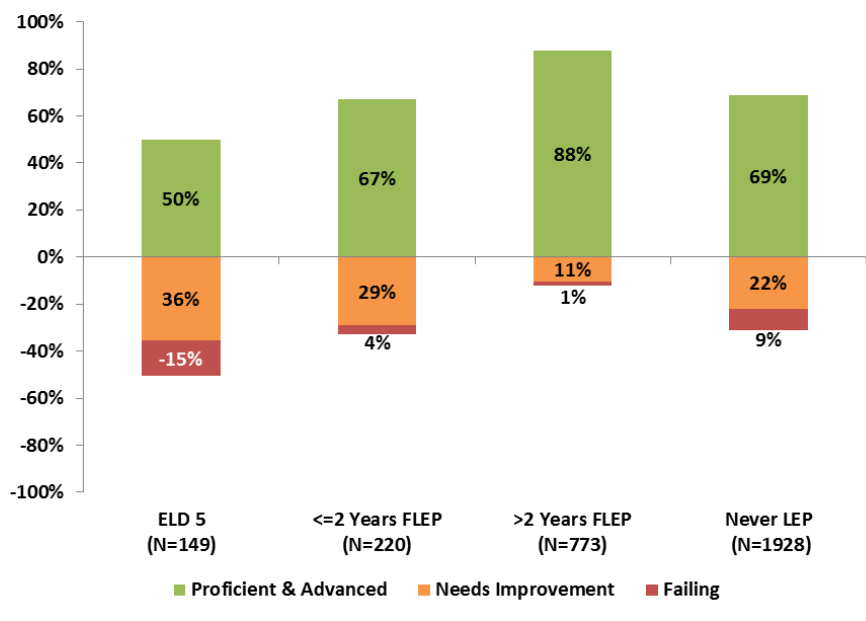
* - ELD Level as it was when a student was assessed.

Spring 2016 PARCC & MCAS ELA Performance by LEP Status*

Math Spring 2016 PARCC: 03-08 Grades



Math Spring 2016 MCAS: 10 Grade



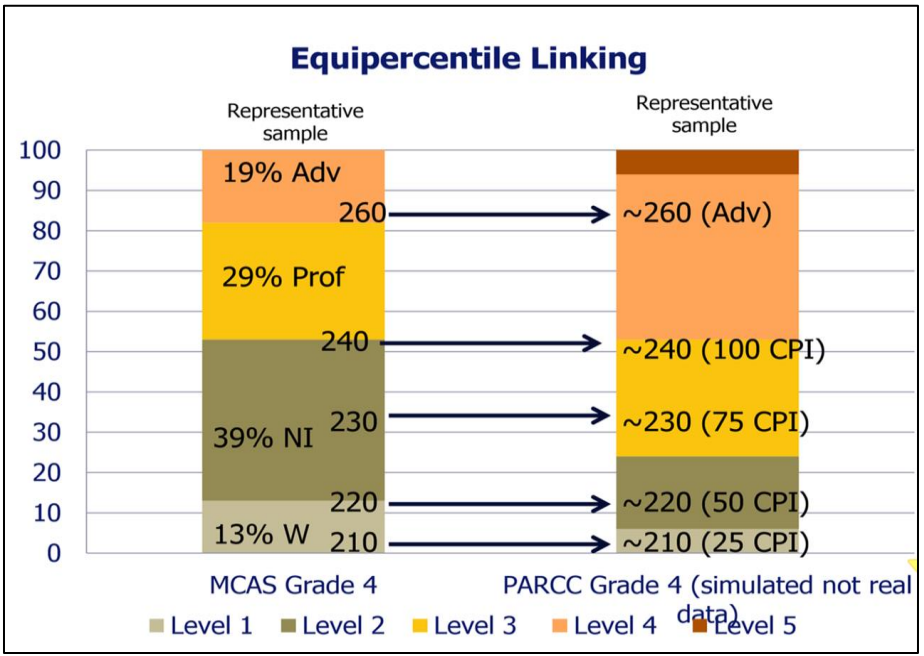
This analysis contains the Horace Mann Charter Schools.

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PARCC/MCAS Reporting Information

Composite Performance Index (CPI) is a 100 point index that assigns 100, 75, 50, 25, or 0 points to each student participating in MCAS, PARCC, and MCAS Alt tests based on their performance. The average of all students' points in a school or a subgroup constitutes a school or student group's CPI for that subject. The CPI is a measure of the extent to which students are progressing towards proficiency (a CPI of 100) in ELA, mathematics, and science as calculated for accountability purposes.

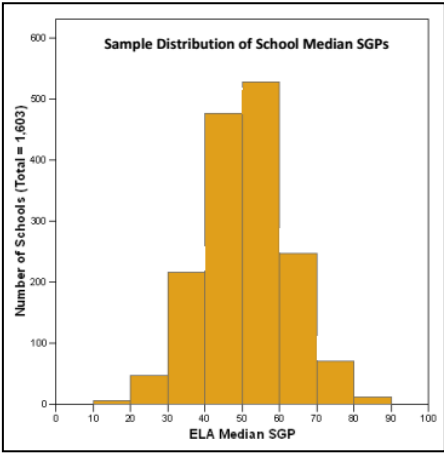
In 2015 and 2016, ESE has reported transitional CPIs for those schools that administered ELA and mathematics PARCC tests in those years. As with traditional CPIs calculated using MCAS data, transitional CPIs for PARCC assign 0, 25, 50, 75, or 100 CPI points to each student based on their achievement on PARCC ELA and mathematics tests, and are used in the calculation of state, district, school, and subgroup achievement for accountability purposes. PARCC transitional CPIs were calculated using a procedure known as equipercentile linking, essentially placing PARCC results on the MCAS scale. As a result, CPI scores have an equivalent meaning regardless of whether they are based on MCAS or PARCC results



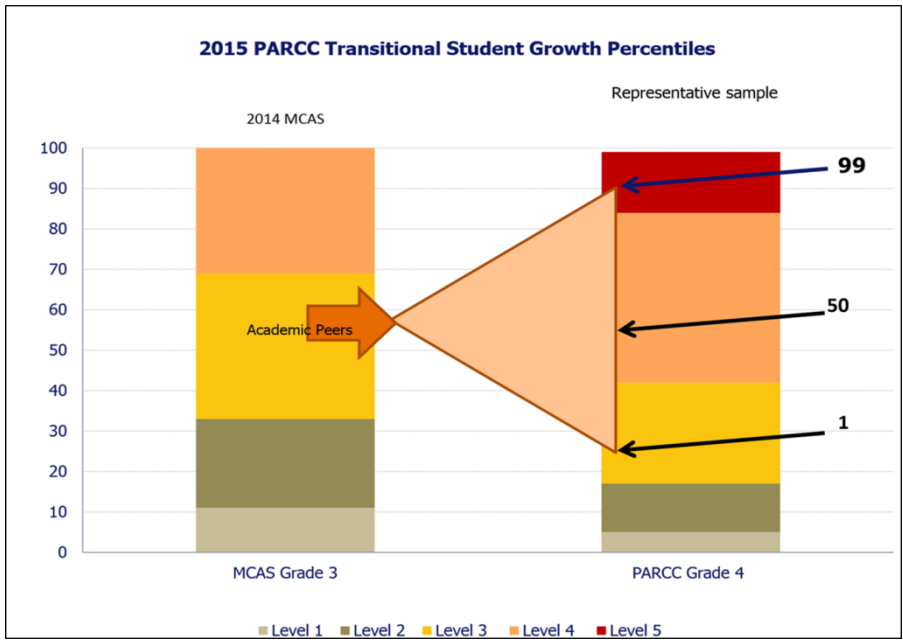
PARCC/MCAS Reporting Information

Student Growth Percentile (SGP) measures how much a student’s performance has improved from one year to the next relative to his or her academic peers: other students statewide with similar MCAS test score history.

- Example:
- If a 4th grade student has an SGP of 42 in ELA, that means that between grades 3 and 4 he/she improved as much as or more than 42 percent of students with a similar MCAS/PARCC test score history.
 - A student with an SGP of 90 in 5th grade mathematics grew as much or more that 90 percent of his/her academic peers (students with similar score histories from 4th grade mathematics to



As with achievement results, ESE has reported transitional SGPs for those schools that administered ELA and mathematics PARCC tests in 2015 and 2016. Transitional SGPs are calculated separately for ELA and mathematics, and are used in the calculation of state, district, school, and subgroup improvement for accountability purposes. PARCC transitional SGPs measure the growth of all students who took PARCC in spring 2016 based on the prior year MCAS scores of their academic peers. The goal for all groups is to achieve or exceed an SGP of at least one point above the historical state median of 50. Groups with a median SGP of 51 or higher receive full credit for State accountability.



STE transition timeline

- ★ STE MCAS Transition Timeline can be found at <http://www.doe.mass.edu/news/news.aspx?id=23891>
- ★ Takes 2-3 years to develop new items
- ★ Grades 5 & 8 tests span grades: (3, 4, & 5) and (6, 7, & 8)
- ★ For MCAS purposes, 3 years to fully transition to new standards for Grades 5 & 8



Decisions regarding high school testing program

- ★ Legacy 10th-grade MCAS extended to class of 2020
- ★ Class of 2021 first cohort to take next-generation MCAS as graduation requirement – this year's 8th graders
- ★ Key decisions still to be made:
 - ★ Grade 11 CCR test?
 - ★ Add history/social sciences assessment?
 - ★ Which science subjects to include?
 - ★ Should CD move to grade 11?



