

Student Achievement Outcomes 2013-2014

New Jersey Department of Education

Mismatch: State Assessments & NAEP

States (Sample)	State Test: 2011 4 th Grade Reading Pass Rate	2013 4 th Grade NAEP Reading Ranking
Georgia	88.0%	17
Kentucky	79.0%	9
New Hampshire	77.0%	1
Connecticut	74.7%	2
North Carolina	71.6%	15
Maine	68.0%	9
California	63.0%	42
New Jersey	62.8%	2
Massachusetts	53.0%	1

High Expectations for New Jersey Students

- State Board adopted Core Curriculum Content Standards (1996)
- High School Redesign Steering Committee (2008)
 - Recommended raising graduation course taking requirements
 - Move to end of course exams in the high schools
- Statewide Assessment Standards Setting (2008, 2009)
- State Board adopted new course requirements (2009)
 - 4 years of English Language Arts
 - Algebra I, Geometry and a third higher math course
 - Biology and two additional lab sciences
 - Financial literacy
- State Board adopted Common Core State Standards (2010)
- NJDOE began a transition to Common Core over the course of three years (2011-2013)

Assessment transitions and performance compared to NAEP

	Mathematics			Language Arts		
	Pre-aligned	Aligned	NAEP 4 th 2013	Pre-aligned	Aligned	NAEP 4 th 2013
Kentucky	73.0% (2011)	40.4% (2012)	20	76.0% (2011)	48.0% (2012)	9
North Carolina	77.5 % (2012)	43.9% (2013)	6	65.2% (2012)	45.7% (2013)	15
Utah	78.7 % (2013)	41.7% (2014)	16	82.2% (2013)	41.7% (2104)	15
New Jersey	75.3% (2012)	74.4 % (2014)	4	65.9% (2012)	66.3% (2014)	2

NJ Statewide Assessments, 2014

- New Jersey Assessment of Skills and Knowledge (NJASK)
 - English Language Arts, Grades 3 – 8
 - Math, Grades 3 – 8
 - Science, Grades 4 and 8
- High School Proficiency Assessment (HSPA)
- End of Course Biology Exam
 - Testing grade level determined by district

Transitioning to PARCC

- Partnership for the Assessment of Readiness for College and Careers (PARCC)
 - Made up of 13 states
 - Math and English language arts tests for grades 3 – 8
 - End of Course exams in English 9, 10, 11 and Algebra I, Geometry, and Algebra II
 - Field testing in Spring 2014
 - To replace NJASK and HSPA in 2015

Transition Methodology

- Alignment study between the New Jersey Core Curriculum Content Standards and the Common Core State Standards.
- A review of existing test items (questions and tasks) to determine if the items had the rigor and depth associated with the Common Core.
- Field tested items in 2012 and 2013 as part of NJASK to increase our Common Core item pool (Field tested items were not scored as part of a student's score).

Transitioning NJASK to Common Core

- Only common-core aligned test questions were used in NJASK on the following schedule:

2012-2013	2013-2014
Math – Grades 3 – 5 ELA – Grades 3 – 8	Math – Grades 6 – 8

- But, although the content is aligned to the standards, the NJASK ‘blueprint’ cannot fully measure the instructional shifts in the Common Core.
 - “Blueprint” means the format of the test, i.e., the number of reading passages, the amount of time tested.

English Language Arts (ELA) Content Shifts

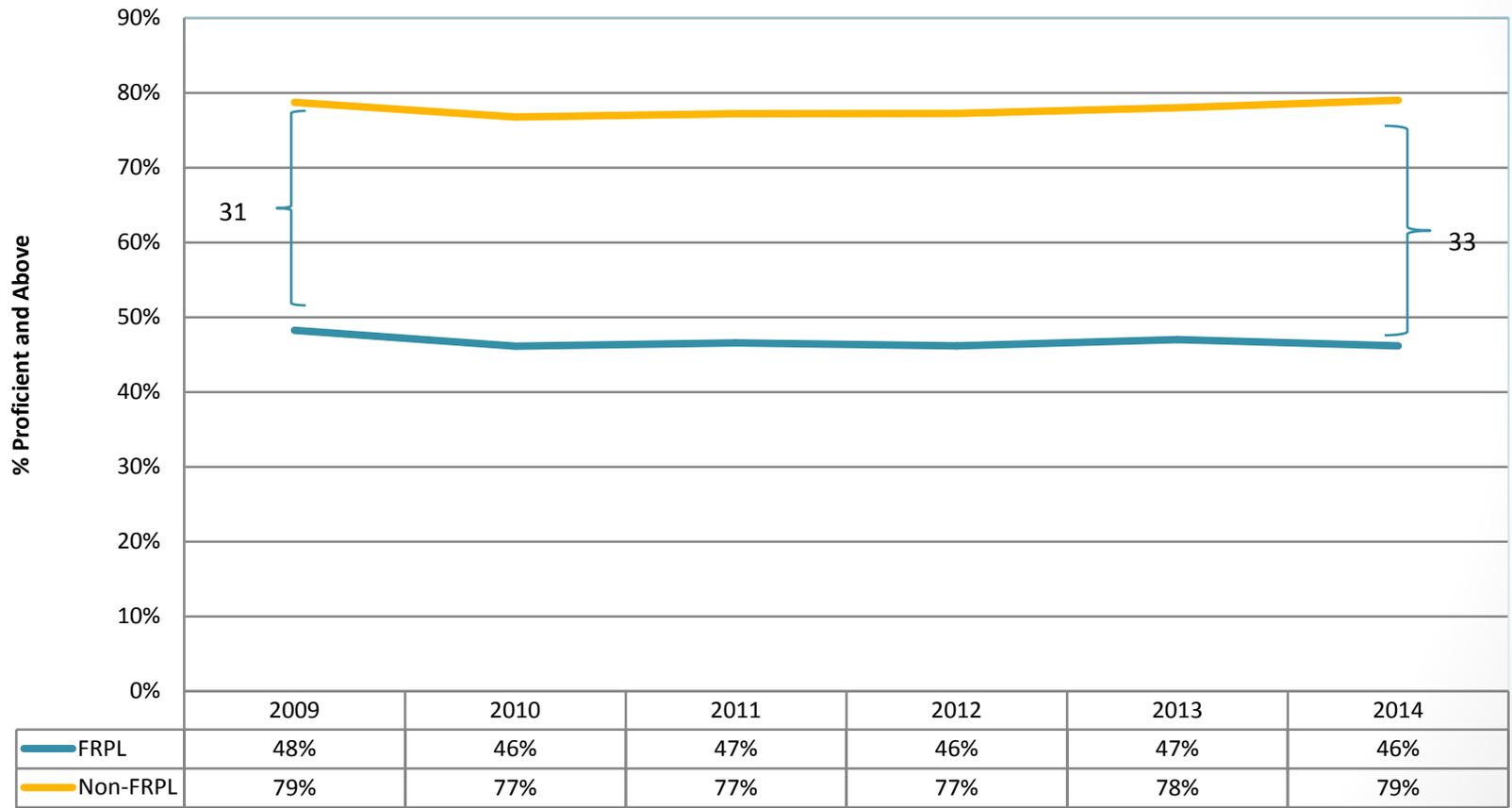
- In ELA, the shifts were subtle.
- Writing prompts became more text dependent, requiring students at all grade levels to ground their responses in specific evidence and information.
- Students were expected to comprehend and accurately use grade-appropriate general academic and domain-specific words and phrases in their reading and writing.
- Fifty percent or more of the reading passages are now informational.

English Language Arts (ELA) Proficient and Above, By Grade

Grade	2009	2010	2011	2012	2013	2014	Difference 2013-2014
Third	62.78	59.70	63.10	66.82	66.34	65.48	-0.86
Fourth	63.00	59.54	62.84	58.62	59.58	59.84	0.26
Fifth	65.78	63.00	60.97	62.14	61.24	62.01	0.77
Sixth	69.72	65.31	66.80	64.61	66.08	66.92	0.84
Seventh	71.86	69.03	63.42	60.97	65.02	63.84	-1.18
Eighth	81.74	82.16	82.05	81.99	81.45	79.42	-2.03
HSPA Aggregate	87.44	89.08	90.67	92.70	93.60	93.27	-0.33
NJASK Aggregate	69.20	66.48	66.56	65.89	66.66	66.28	-0.38

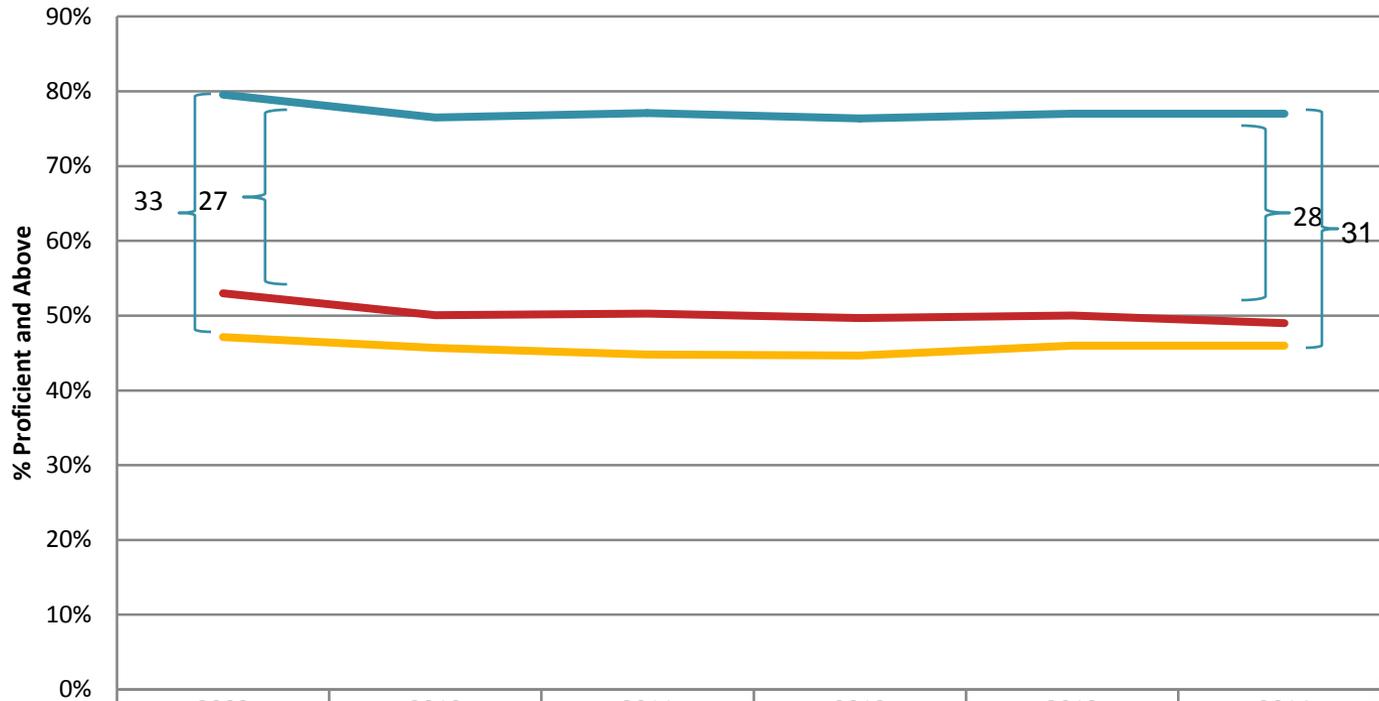
Achievement Gap: NJASK Language Arts Economically Disadvantaged v. Non-Economically Disadvantaged

NJASK LAL Proficiency Gap: Free/Reduced Lunch vs. Non-Free/Reduced Lunch



Achievement Gap: NJASK Language Arts White, African American and Hispanic Students

NJASK LAL Proficiency Gap Between White, Hispanic and African American Students



	2009	2010	2011	2012	2013	2014
White	80%	77%	77%	76%	77%	77%
African American	47%	46%	45%	45%	46%	46%
Hispanic	53%	50%	50%	50%	50%	49%

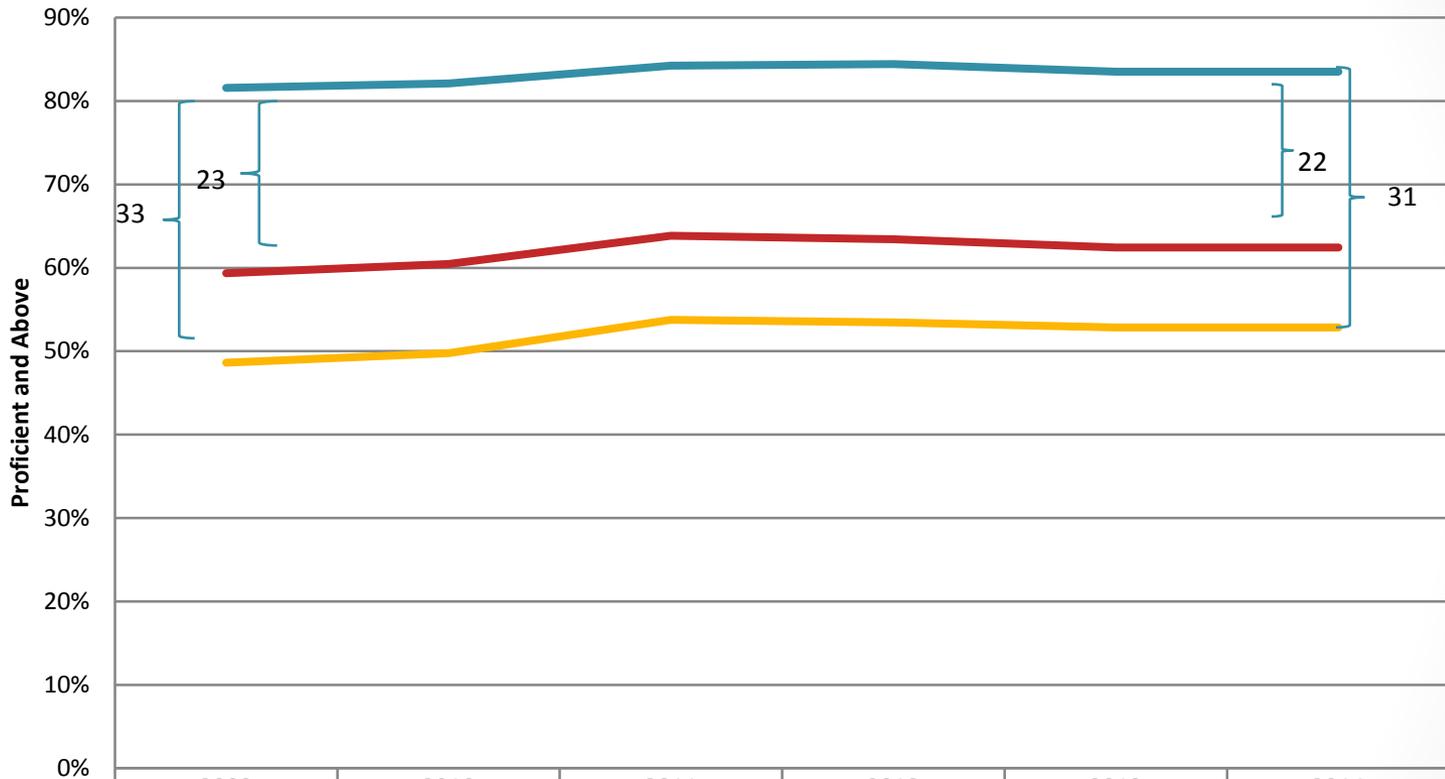
Mathematics

Proficient and Above, By Grade

Grade	2009	2010	2011	2012	2013	2014	Difference 2013-2014
Third	75.06	77.94	78.85	78.31	77.69	75.27	-2.42
Fourth	72.78	76.75	79.14	77.12	78.10	74.62	-3.48
Fifth	77.20	78.59	80.49	83.10	79.82	79.59	-0.23
Sixth	70.80	71.73	77.37	78.76	78.68	79.05	0.37
Seventh	66.29	64.29	65.80	63.27	63.56	66.60	3.04
Eighth	71.18	68.42	71.48	71.68	69.10	71.32	2.22
HSPA Aggregate	80.98	80.75	82.26	83.33	85.64	84.83	-0.81
NJASK Aggregate	72.21	72.94	75.50	75.34	74.45	74.38	-0.07

Achievement Gap: NJASK Math

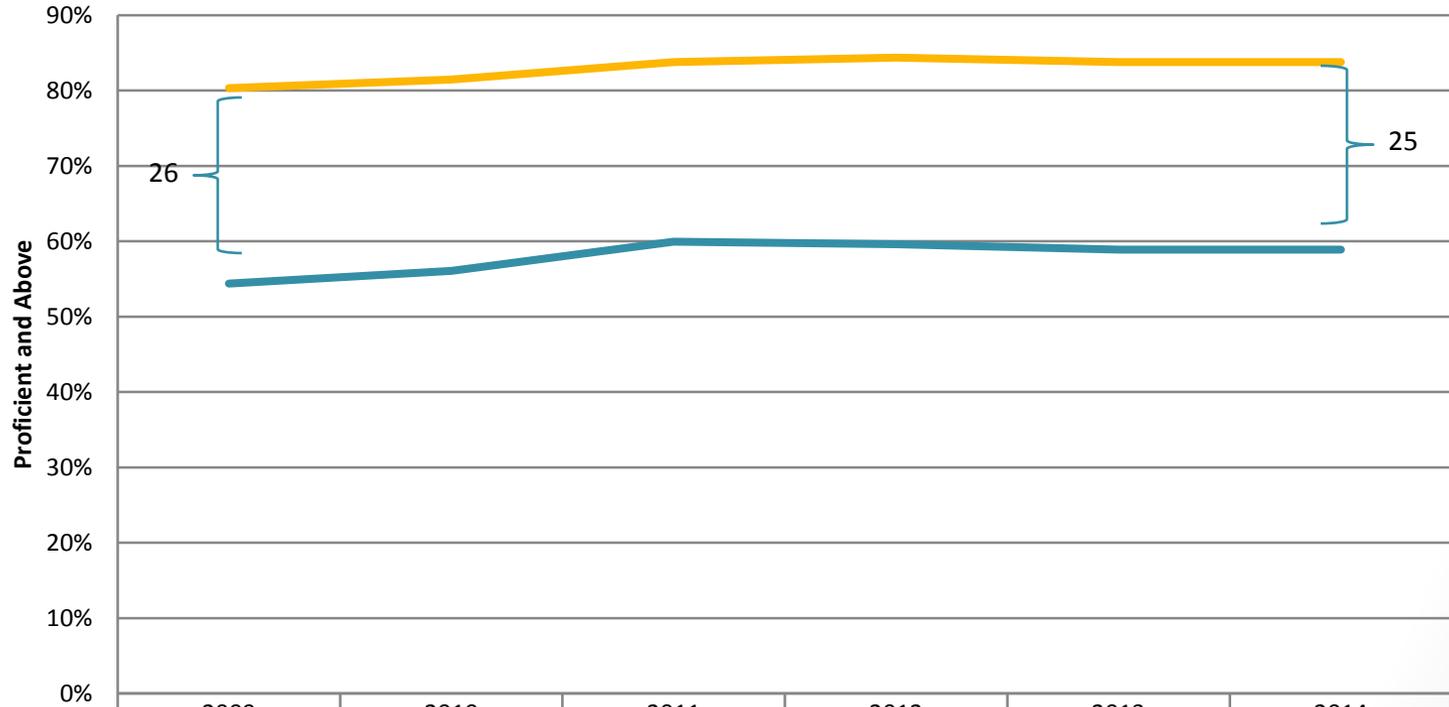
White, African American and Hispanic Students



	2009	2010	2011	2012	2013	2014
White	82%	82%	84%	84%	84%	84%
African American	49%	50%	54%	53%	53%	53%
Hispanic	59%	60%	64%	63%	62%	62%

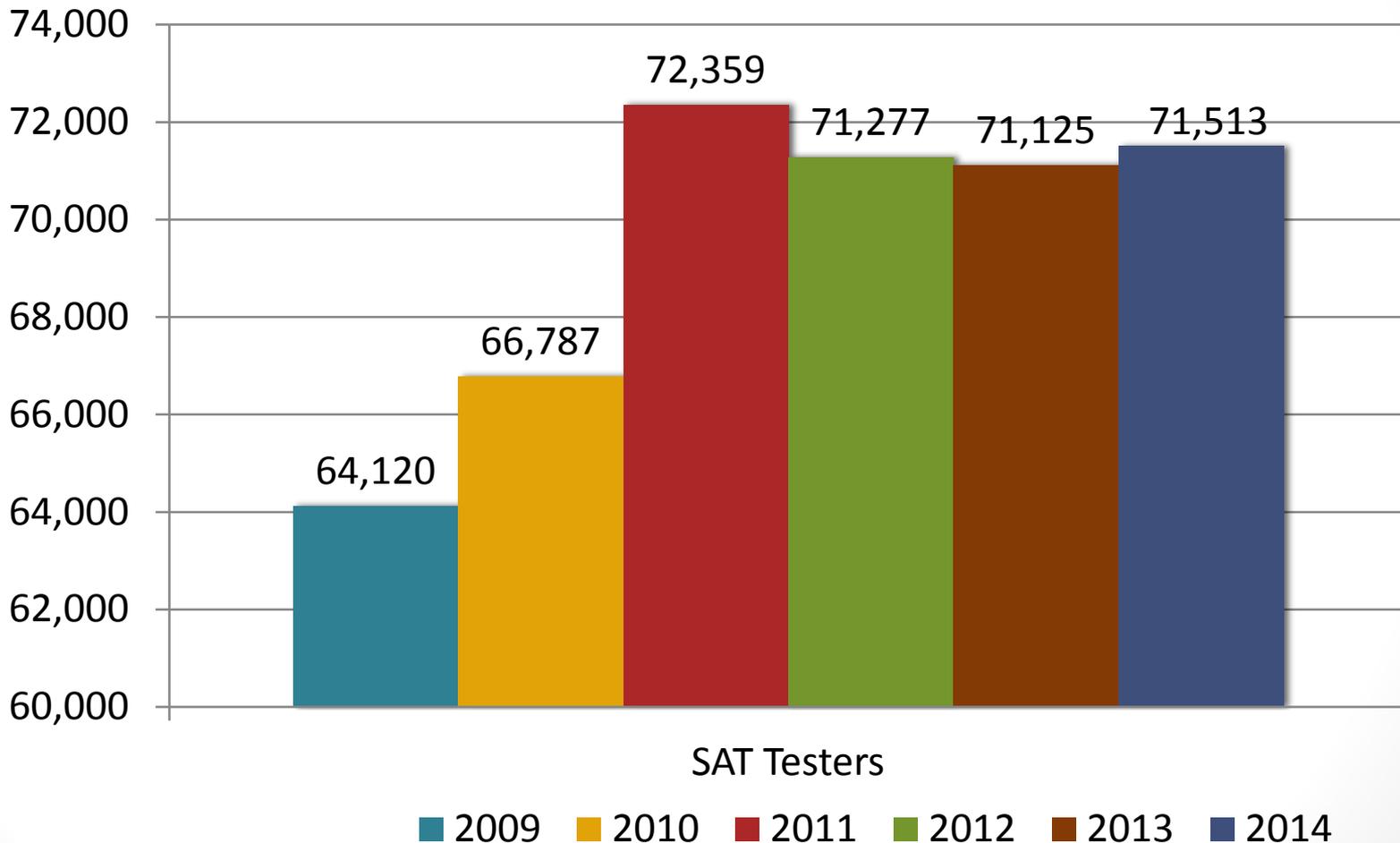
Achievement Gap: NJASK MATH

Economically Disadvantaged v. Non-Economically Disadvantaged

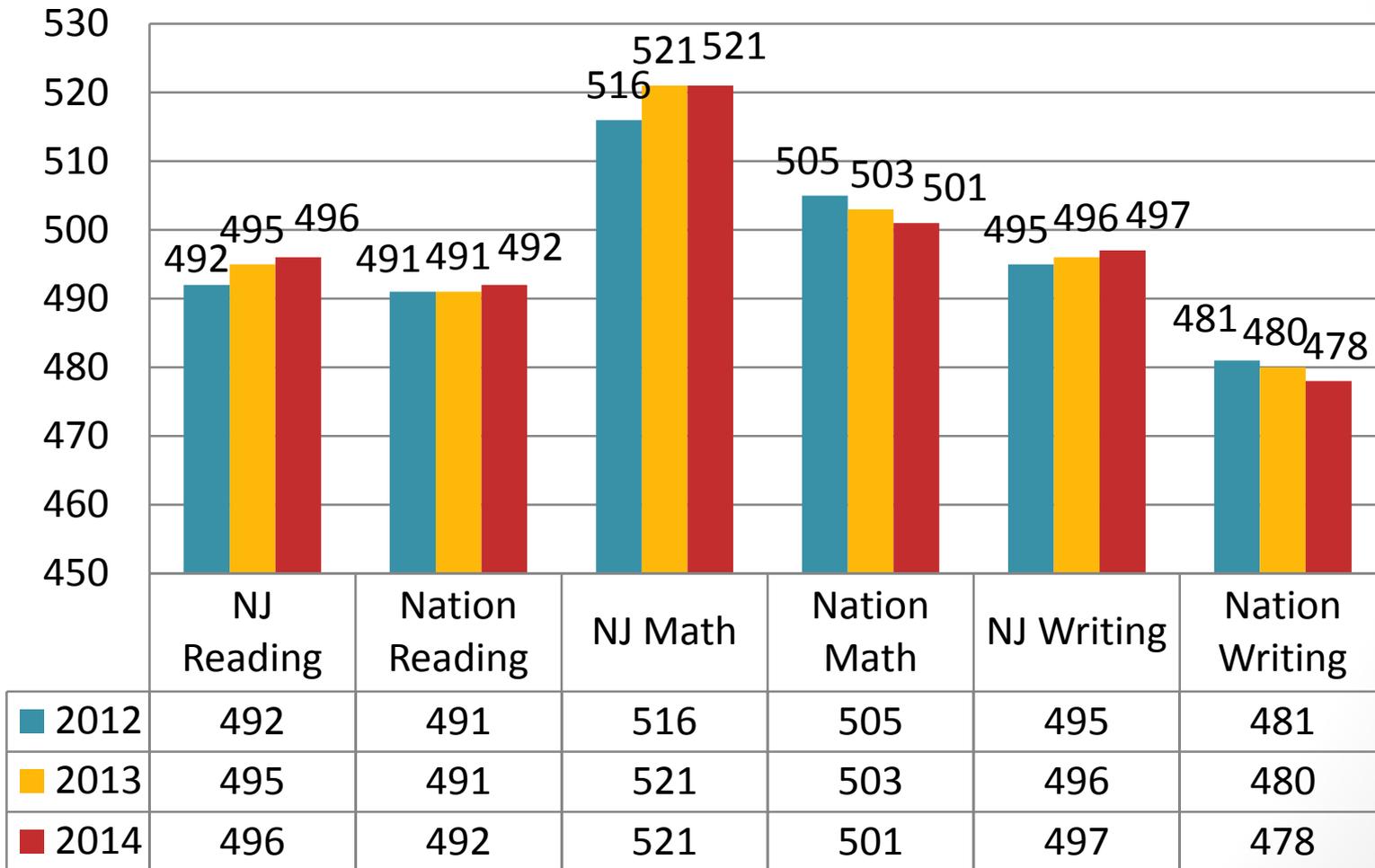


	2009	2010	2011	2012	2013	2014
FRPL	54%	56%	60%	60%	59%	59%
Non-FRPL	80%	81%	84%	84%	84%	84%

SAT Test Takers, Graduating Seniors



SAT Mean Scale Scores



Students Meeting College Board's College Readiness Benchmark Score \geq 1,550

	AY 2012	AY 2013	AY 2014
Meeting Benchmark	43%	43%	45%

PSAT Participation

Sophomores

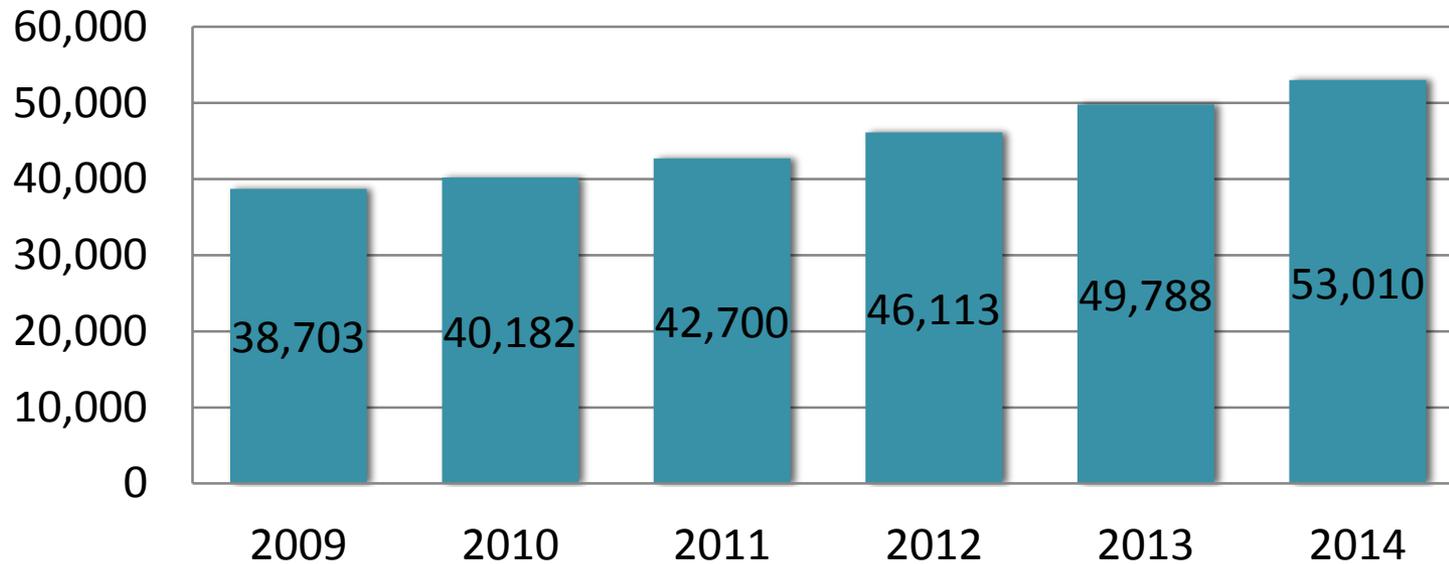
	New Jersey AY13	New Jersey AY14	% NJ Change	% Nation Change
Total	45,015	62,094	37.4%	5.5%
White	24,363	31,336	28.6%	3.8%
Asian	5,046	6,139	21.6%	3.3%
Black	4,794	7,141	46.6%	2.8%
Hispanic	5,801	10,110	72.1%	9.4%

Juniors

	New Jersey AY13	New Jersey AY14	% NJ Change	% Nation Change
Total	57,282	67,738	17.8%	2.2%
White	29,755	33,378	12.2%	-0.2%
Asian	6,598	7,093	7.5%	3.2%
Black	6,568	8,378	25.6%	2.3%
Hispanic	8,617	11,829	35.8%	7.0%

Advanced Placement Tests

AP Test Takers



% of tests 3 or higher

71.8%

72.7%

73.1%

73.8%

73.2%

73.0%

AP Participation

	New Jersey AY13	New Jersey AY14	% NJ Change	% Nationwide Change
Total	49,788	53,010	6.3%	5.8%
White	27,556	28,844	4.7%	4.5%
Asian	10,584	11,101	4.9%	5.7%
Black	2,829	3,255	14.9%	8.2%
Hispanic	6,347	7,076	10.5%	9.1%