



**LONG HILL TOWNSHIP SCHOOLS  
PARCC RESULTS:  
SPRING 2015 & SPRING 2016  
ADMINISTRATIONS**

**OCTOBER 24, 2016**

Measuring  
College and  
Career  
Readiness

# NEW JERSEY'S STATEWIDE ASSESSMENT PROGRAM

- 2016 marks the 2<sup>nd</sup> administration of the Partnership for Assessment of Readiness for College and Careers (PARCC) and the first opportunity to compare year-to-year results as the following slides will show.
- Students took PARCC English Language Arts and Literacy Assessments (ELA/L) in grades 3 - 11.
- Students took PARCC Mathematics Assessments in grades 3 - 8 and End of Course Assessments in Algebra I, Geometry, and Algebra II.

**COMPARISON OF NEW JERSEY STUDENTS TESTED  
 SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS  
 ENGLISH LANGUAGE ARTS/LITERACY**

	Students Tested		Year to Year Increase
	2016	2015	
Grade 3	99,045	95,227	3,818
Grade 4	96,823	93,769	3,054
Grade 5	95,760	94,599	1,161
Grade 6	96,896	92,578	4,318
Grade 7	95,979	90,227	5,752
Grade 8	94,266	88,421	5,845
Grade 9	93,830	81,574	12,256
Grade 10	84,903	71,659	13,244
Grade 11*	68,862	61,768	7,094
<b>TOTAL</b>	<b>826,364</b>	<b>769,822</b>	<b>56,542</b>

\*Grade 11 does not include students who took an AP/IB test.

Note: Data shown is preliminary. "Students Tested" represents individual valid test scores for English Language Arts/Literacy.

# COMPARISON OF NEW JERSEY STUDENTS TESTED SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS MATHEMATICS

	Students Tested		Year to Year Increase
	2016	2015	
Grade 3	99,846	95,932	3,914
Grade 4	97,620	94,484	3,136
Grade 5	96,449	95,293	1,156
Grade 6	97,546	93,128	4,418
Grade 7	93,114	87,300	5,814
Grade 8*	60,768	58,078	2,690
Algebra I	106,118	91,740	14,378
Algebra II	74,643	58,026	16,617
Geometry	84,589	71,137	13,452
<b>TOTAL</b>	<b>810,693</b>	<b>745,118</b>	<b>65,575</b>

\* Approximately 30,000 New Jersey students in grade 8 participated in the PARCC Algebra I assessment in place of the 8<sup>th</sup> grade Math assessment.

Notes: Data shown is preliminary. "Students Tested" represents individual valid test scores for Mathematics.

# PARCC PERFORMANCE LEVELS

<b>PARCC Performance Levels for ELA and Math</b>				
<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>	<b>Level 5</b>
<b>Not Yet Meeting Expectations 650-699</b>	<b>Partially Met Expectations 700-724</b>	<b>Approached Expectations 725-749</b>	<b>Met Expectations 750-798</b>	<b>Exceeded Expectations 799-850</b>

# COMPARISON OF NEW JERSEY'S SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
Grade 3	15.1%	13.5%	17.8%	16.0%	23.7%	23.0%	38.6%	41.3%	4.9%	6.2%
Grade 4	7.8%	8.2%	14.5%	13.5%	26.6%	24.8%	39.4%	40.8%	11.7%	12.7%
Grade 5	7.2%	6.7%	15.1%	14.7%	26.1%	25.3%	45.1%	46.4%	6.4%	6.9%
Grade 6	7.9%	7.5%	15.5%	14.1%	27.8%	26.2%	39.7%	41.3%	9.1%	11.0%
Grade 7	10.8%	9.5%	14.5%	12.5%	23.1%	21.6%	33.9%	35.6%	17.7%	20.7%
Grade 8	11.5%	10.1%	14.6%	13.0%	22.3%	21.7%	39.1%	40.7%	12.5%	14.5%
Grade 9	17.6%	12.9%	19.0%	15.0%	23.6%	23.1%	30.3%	35.8%	9.5%	13.2%
Grade 10	25.3%	20.9%	17.7%	14.2%	20.3%	20.4%	25.6%	31.0%	11.0%	13.4%
Grade 11*	16.7%	18.5%	18.7%	18.1%	23.5%	23.3%	30.1%	31.7%	10.9%	8.4%

\*Grade 11 does not include students who took an AP/IB test.

Notes: Data shown is preliminary. Percentages may not total 100 due to rounding.

# COMPARISON OF NEW JERSEY'S SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS MATHEMATICS

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
Grade 3	8.3%	<b>8.1%</b>	18.5%	<b>15.9%</b>	28.3%	<b>24.3%</b>	36.9%	<b>39.0%</b>	8.0%	<b>12.7%</b>
Grade 4	7.2%	<b>8.0%</b>	21.9%	<b>18.6%</b>	30.3%	<b>26.8%</b>	36.3%	<b>41.2%</b>	4.3%	<b>5.4%</b>
Grade 5	6.1%	<b>6.2%</b>	20.7%	<b>18.3%</b>	32.1%	<b>28.2%</b>	34.9%	<b>38.4%</b>	6.1%	<b>8.8%</b>
Grade 6	7.6%	<b>8.9%</b>	21.4%	<b>19.1%</b>	30.2%	<b>29.1%</b>	34.8%	<b>35.6%</b>	6.0%	<b>7.3%</b>
Grade 7	7.7%	<b>9.0%</b>	22.3%	<b>20.1%</b>	33.3%	<b>32.3%</b>	33.0%	<b>33.5%</b>	3.8%	<b>5.2%</b>
Grade 8*	21.9%	<b>21.5%</b>	26.2%	<b>25.3%</b>	28.4%	<b>27.5%</b>	23.0%	<b>24.9%</b>	0.5%	<b>0.7%</b>
Algebra I	13.8%	<b>12.8%</b>	25.3%	<b>21.3%</b>	25.0%	<b>24.8%</b>	32.9%	<b>37.3%</b>	3.1%	<b>3.9%</b>
Algebra II	31.7%	<b>33.5%</b>	24.5%	<b>22.6%</b>	19.9%	<b>18.8%</b>	22.3%	<b>22.7%</b>	1.6%	<b>2.4%</b>
Geometry	12.4%	<b>10.5%</b>	35.6%	<b>31.1%</b>	29.7%	<b>31.4%</b>	19.5%	<b>23.2%</b>	2.9%	<b>3.8%</b>

\*Approximately 30,000 New Jersey students in grade 8 participated in the PARCC Algebra I assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.

Notes: Data shown is preliminary. Percentages may not total 100 due to rounding.



# **HOW DID LONG HILL TOWNSHIP STUDENTS PERFORM ON THE 2016 PARCC ASSESSMENTS?**



**LONG HILL TOWNSHIP**  
**2016 PARCC GRADE-LEVEL OUTCOMES**  
**ENGLISH LANGUAGE ARTS/LITERACY**

	Count of Valid Test Scores	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectation (Level 5)	District % >= Level 4	NJ % >= Level 4
Grade 3	79	2.5%	10.1%	17.7%	58.2	11.4	<b>69.6%</b>	47.6%
Grade 4	99	4%	6.1%	19.2%	56.6%	14.1%	<b>70.7%</b>	53.5%
Grade 5	68	1.5%	10.3%	23.5%	55.9%	8.8%	<b>64.7%</b>	53.2%
Grade 6	90	3.3%	4.4%	12.2%	54.4%	25.6%	<b>80.0%</b>	52.3%
Grade 7	94	0%	1.1%	9.6%	30.9%	58.5%	<b>89.4%</b>	56.3%
Grade 8	110	1.8%	1.8%	7.3%	33.6%	55.5%	<b>89.1%</b>	55.2%

**LONG HILL TOWNSHIP**  
**2016 PARCC GRADE-LEVEL OUTCOMES**  
**MATHEMATICS**

	Count of Valid Test Scores	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectation (Level 5)	District % $\geq$ Level 4	NJ % $\geq$ Level 4
Grade 3	79	3.8%	10.1%	10.1%	51.9%	24.1%	75.9%	51.7%
Grade 4	98	1.0%	7.1%	22.4%	58.2%	11.2%	69.4%	46.6%
Grade 5	68	2.9%	8.8%	17.6%	58.8%	11.8%	70.6%	47.2%
Grade 6	89	3.4%	12.4%	25.8%	50.6%	7.9%	58.4%	43.0%
Grade 7	90	4.4%	7.8%	22.2%	54.4%	11.1%	65.6%	38.7%
Grade 8*	39	15.4%	35.9%	38.5%	10.3%	0%	10.3%	25.6%
Algebra I	76	0%	3.9%	14.5%	76.3%	5.3%	81.6%	41.2%
Geometry	1	0%	0%	0%	0%	100%	100%	27.0%

\*Some students in grade 8 participated in the PARCC Algebra I assessment in place of the 8<sup>th</sup> grade Math assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.

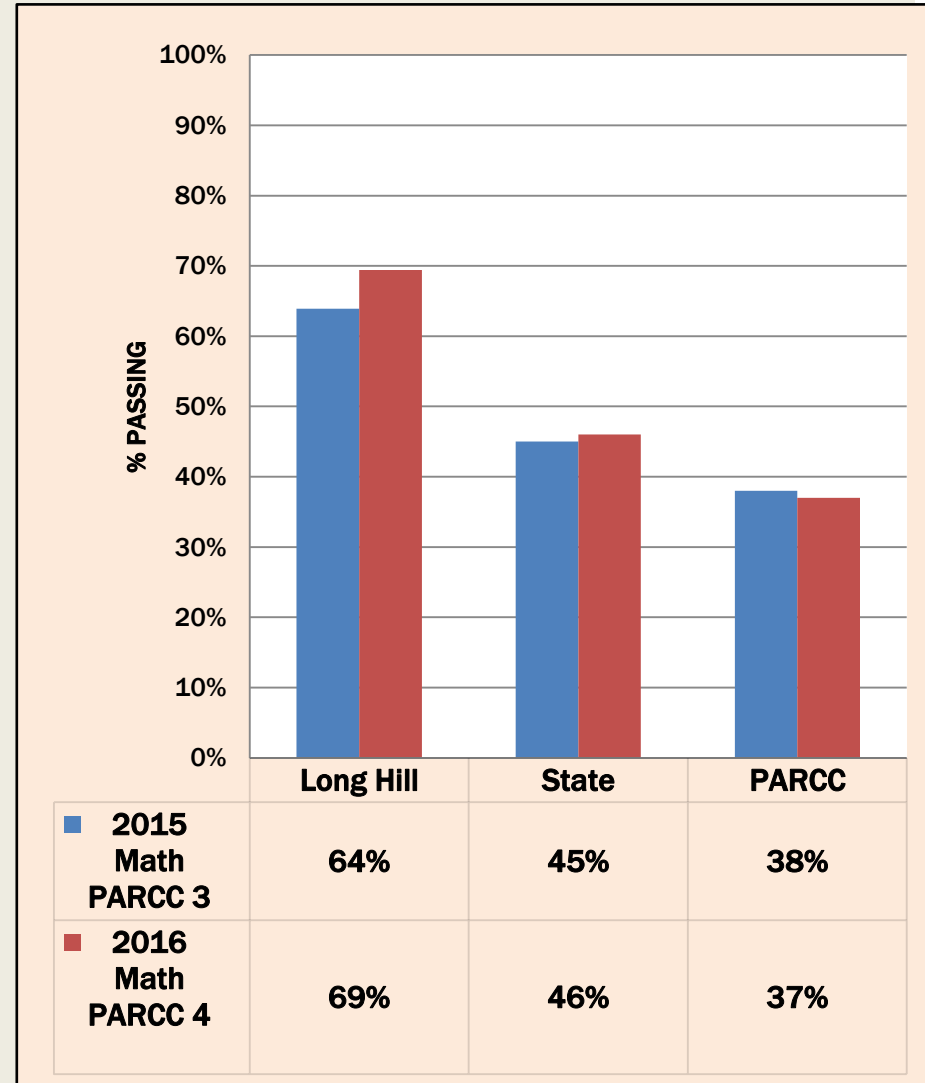
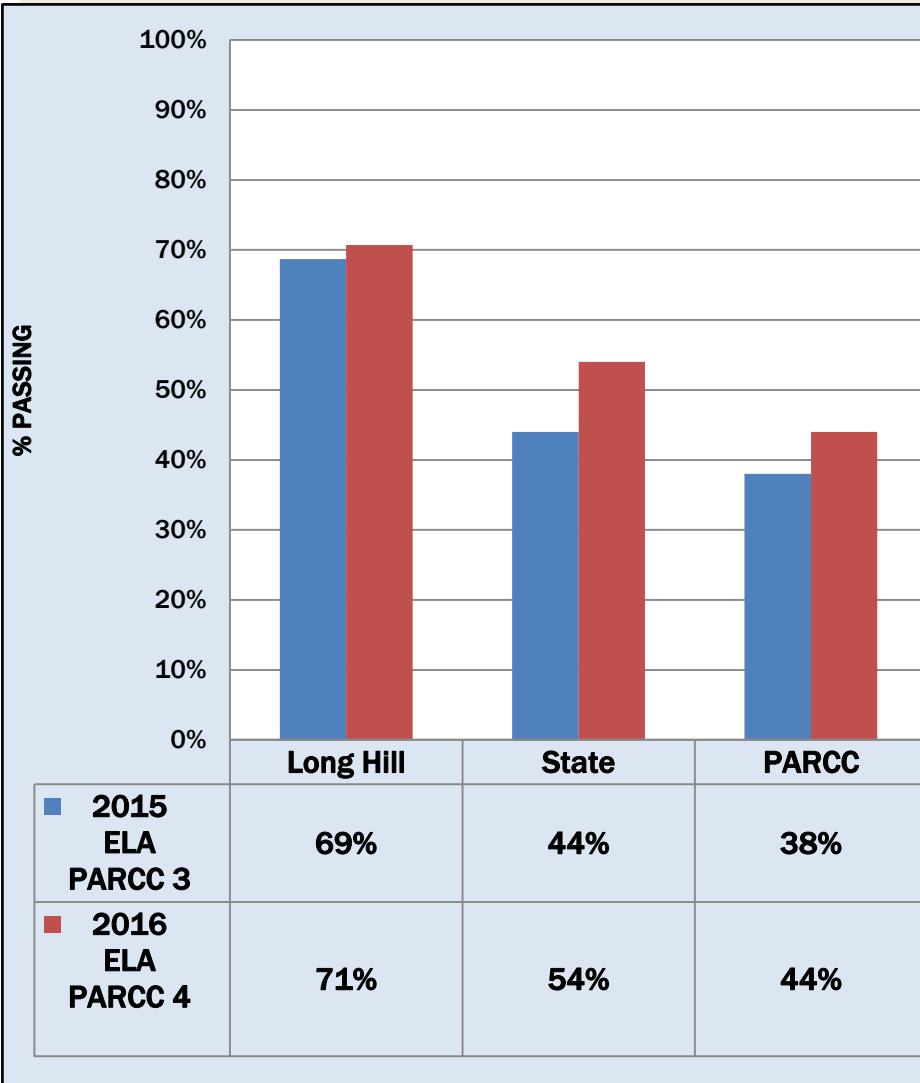


**LONGITUDINAL ANALYSIS**  
**HOW DID THE SAME GROUP OF**  
**STUDENTS DO OVER TIME?**

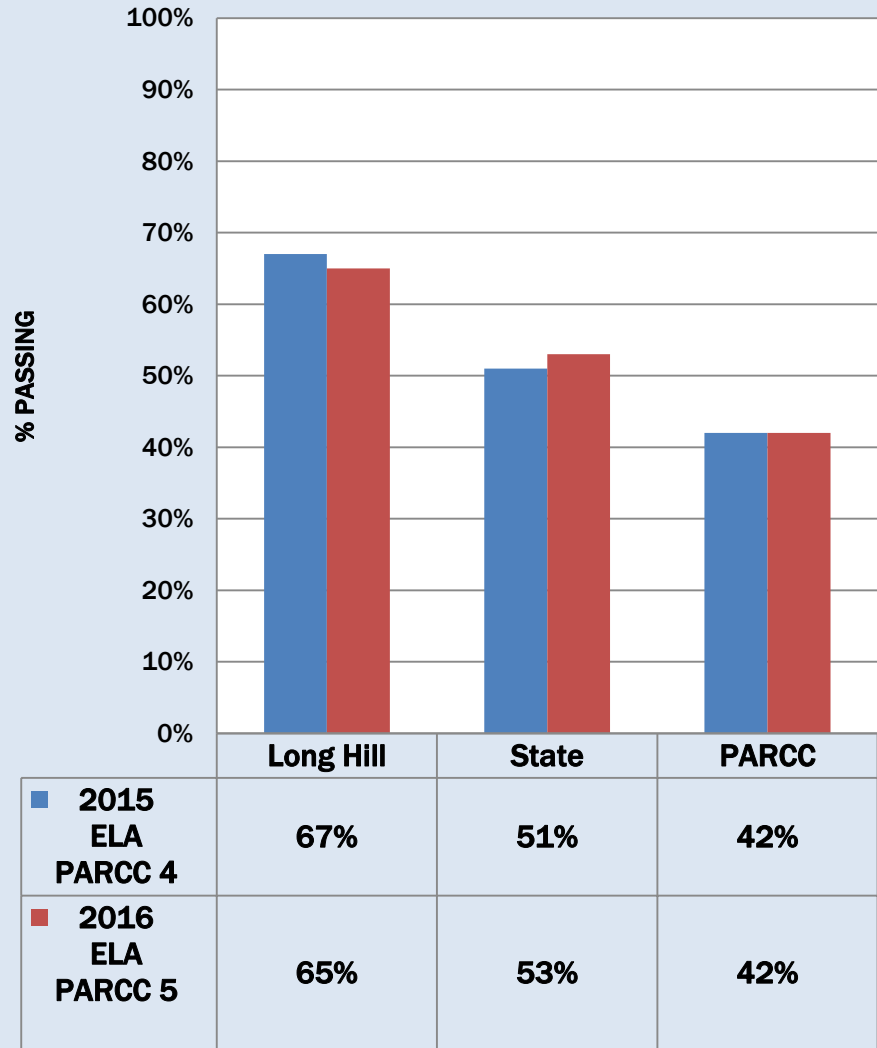
# Longitudinal: Comparison of Long Hill, State, and PARCC

**Longitudinal  
Current Grade 5 Students  
English Language Arts/Literacy**

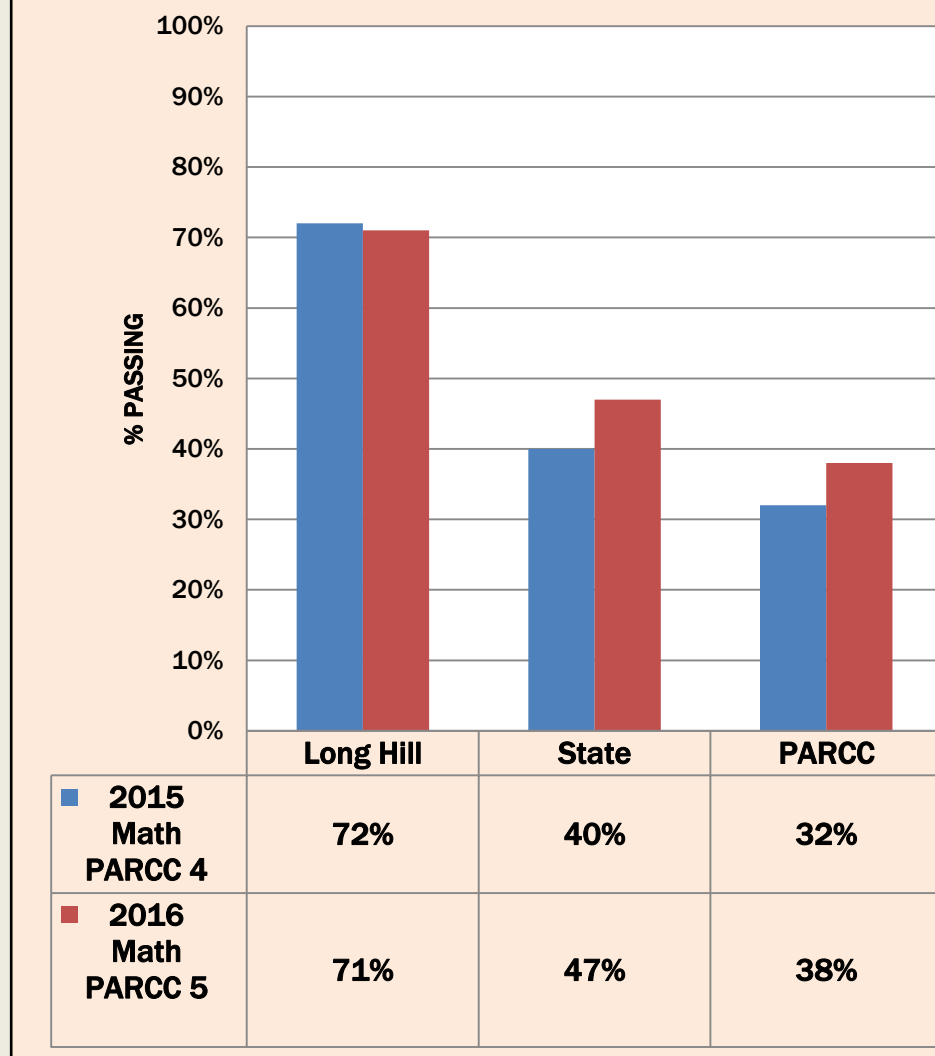
**Longitudinal  
Current Grade 5 Students  
Mathematics**



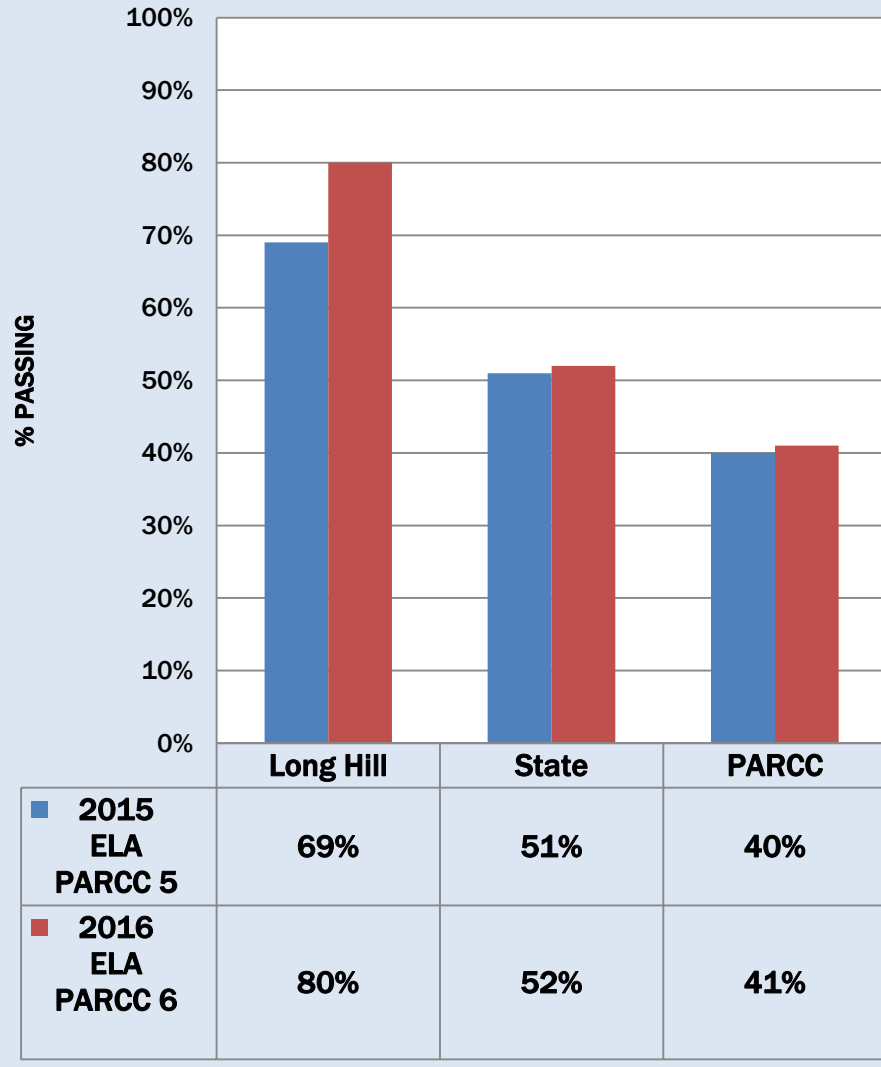
**Longitudinal  
Current Grade 6 Students  
English Language Arts/Literacy**



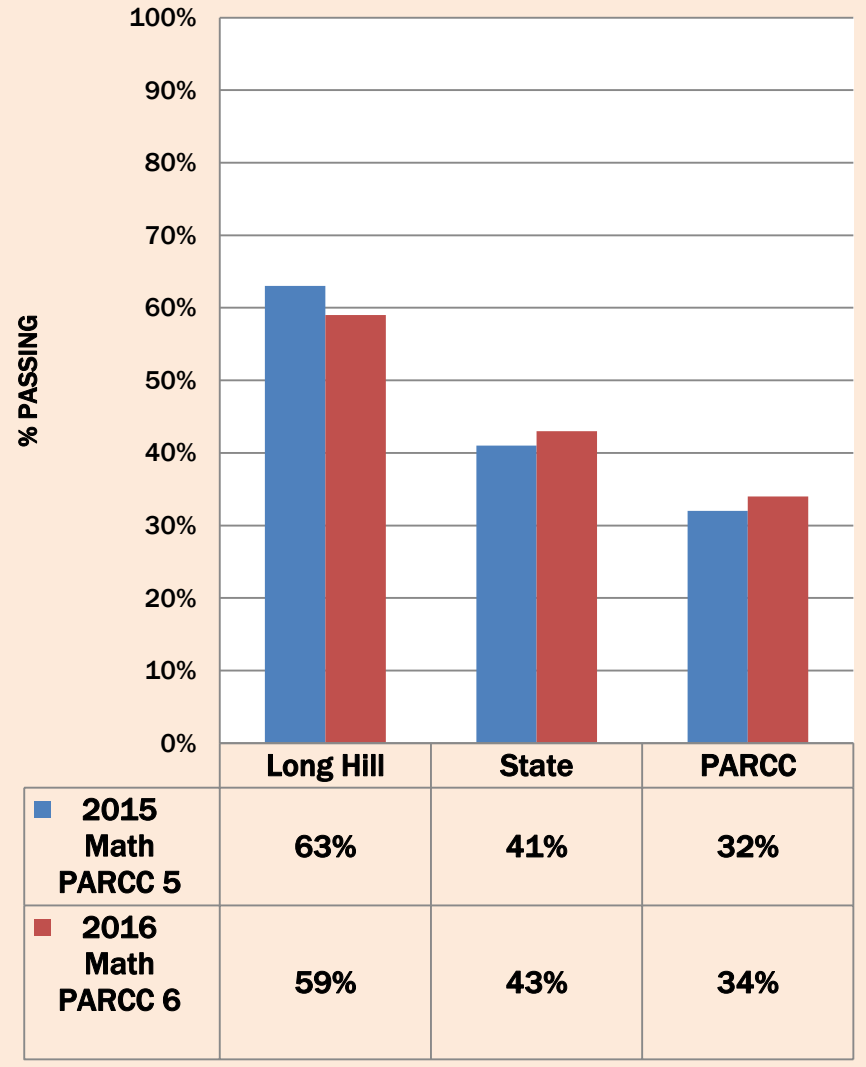
**Longitudinal  
Current Grade 6 Students  
Mathematics**



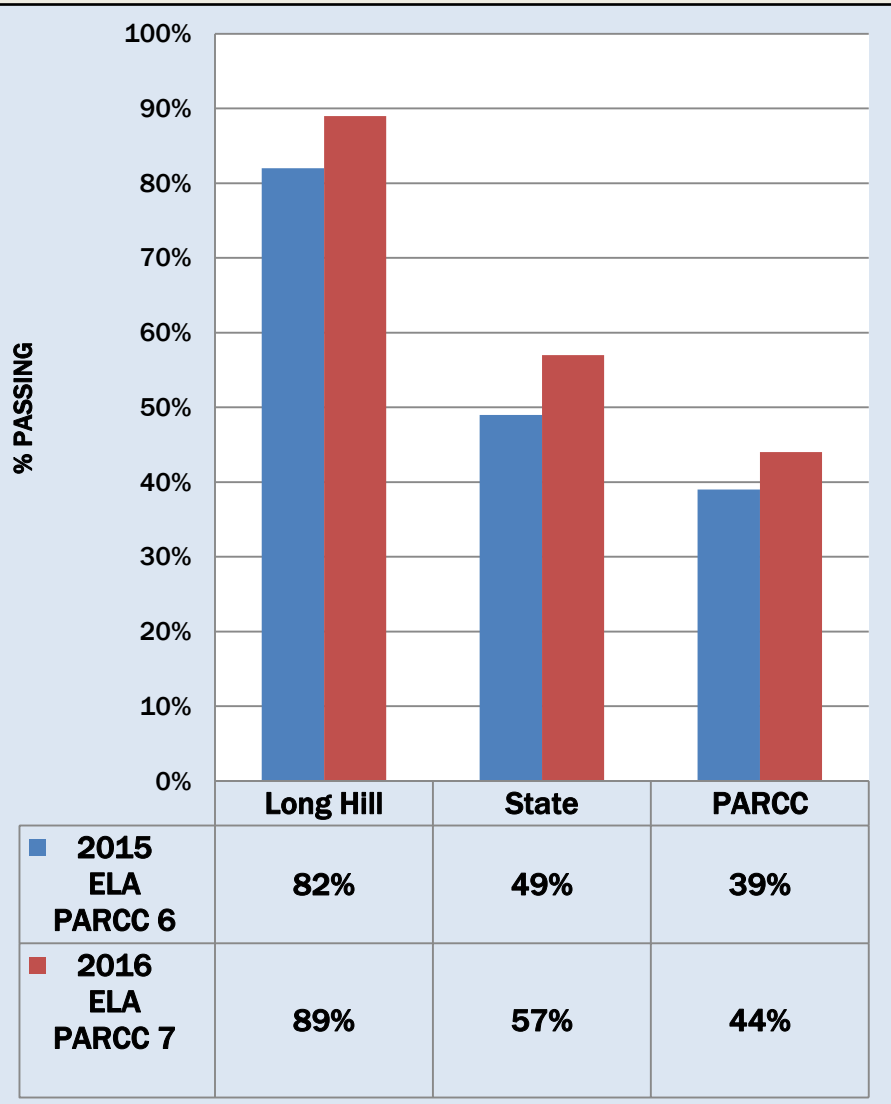
**Longitudinal  
Current Grade 7 Students  
English Language Arts/Literacy**



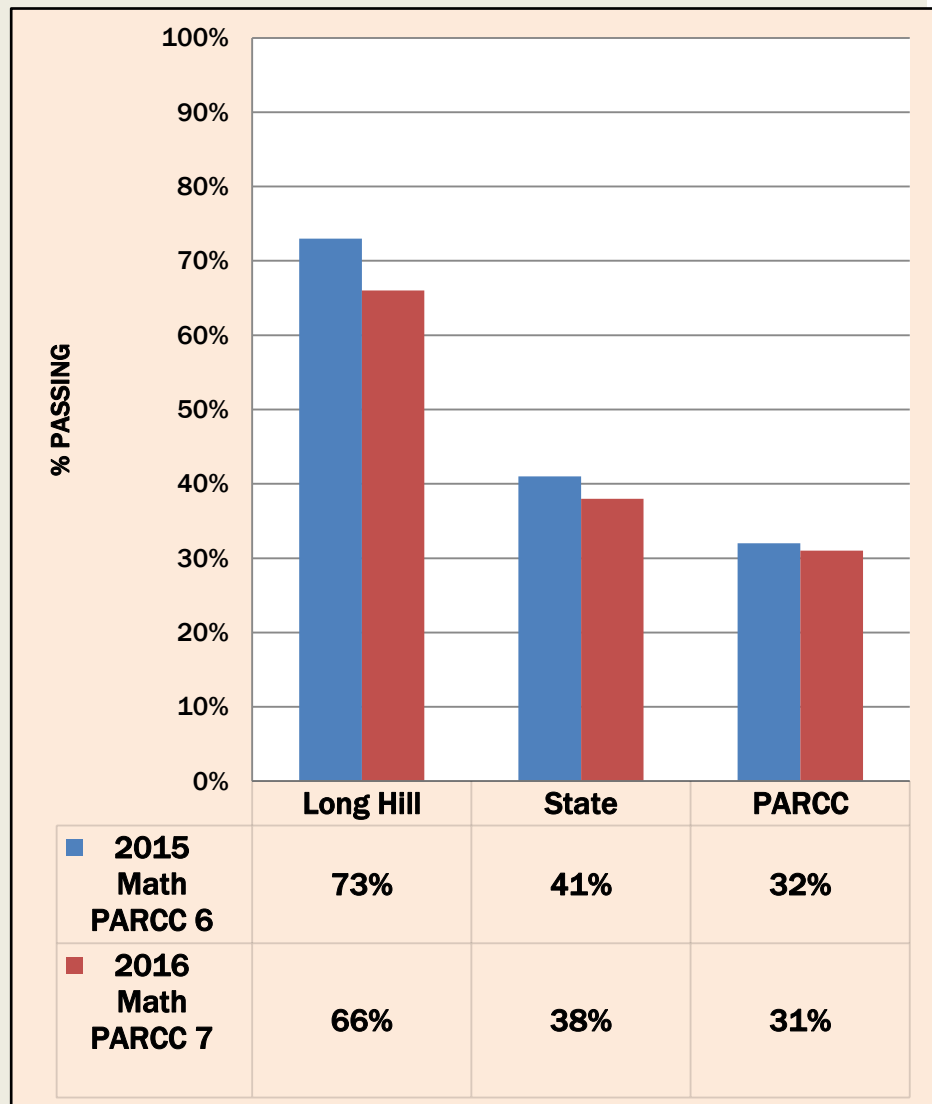
**Longitudinal  
Current Grade 7 Students  
Mathematics**



**Longitudinal  
Current Grade 8 Students  
English Language Arts/Literacy**



**Longitudinal  
Current Grade 8 Students  
Mathematics**





**HOW DID LONG HILL TOWNSHIP STUDENTS  
PERFORM ON PARCC ASSESSMENTS  
COMPARED WITH THE PARCC CONSORTIUM  
AND NEW JERSEY IN 2016?**



# PERCENT OF STUDENTS PASSING IN 2015 & 2016 (MET OR EXCEEDED EXPECTATIONS LEVELS)

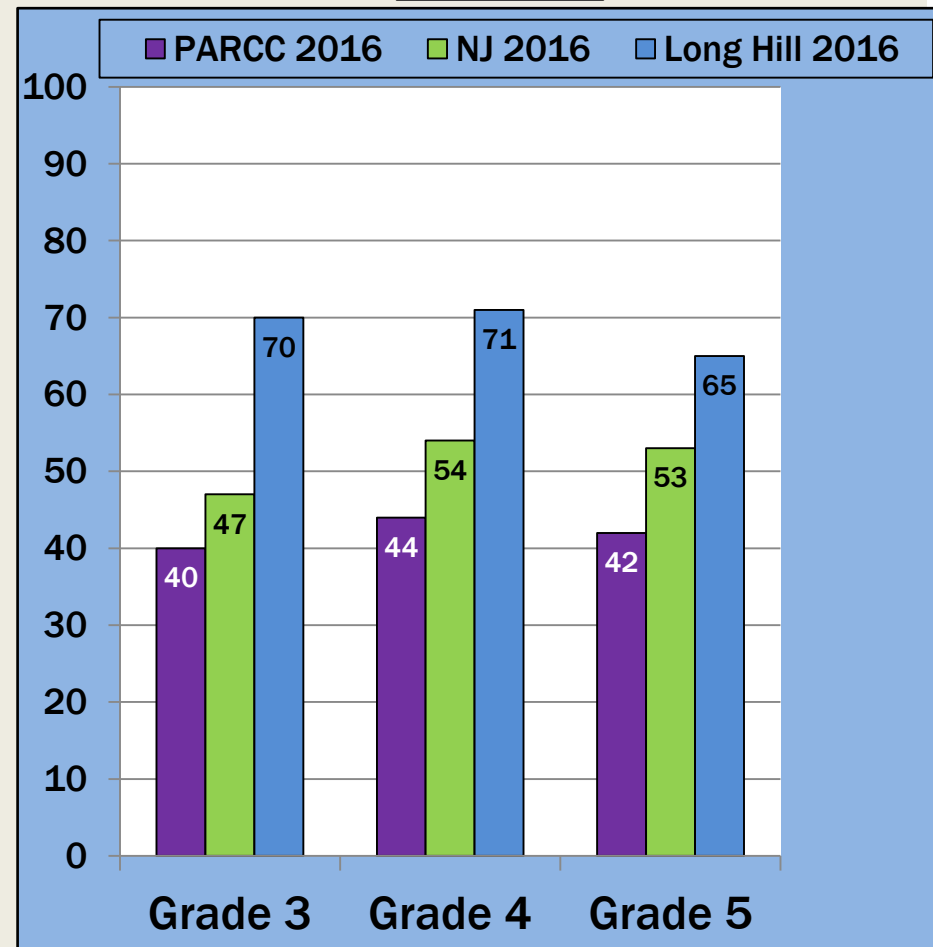
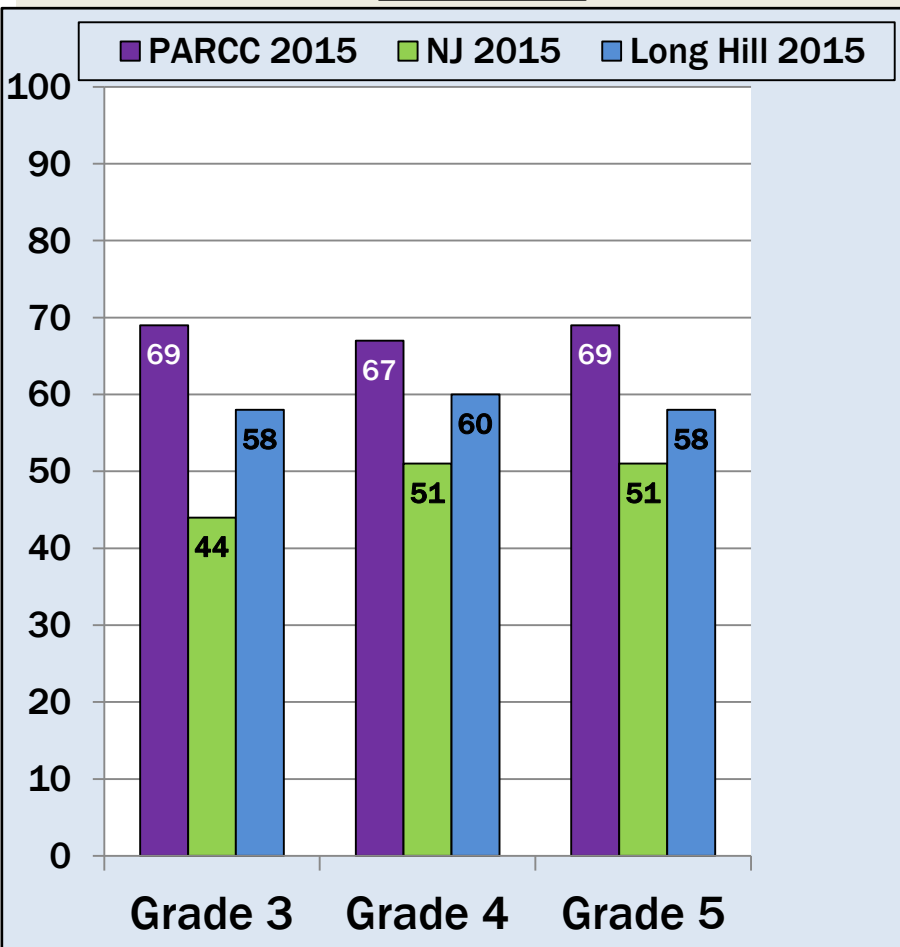
## ELA PARCC GRADES 3 - 5

2015

2016

PARCC 2015 NJ 2015 Long Hill 2015

PARCC 2016 NJ 2016 Long Hill 2016



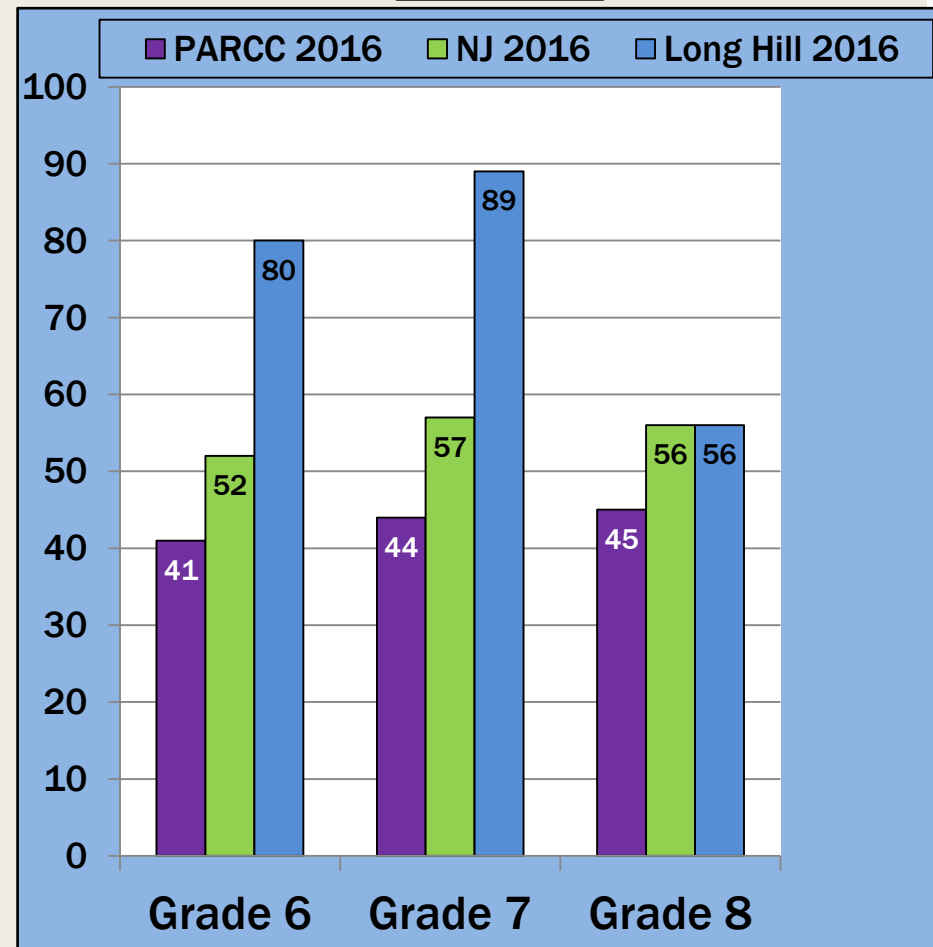
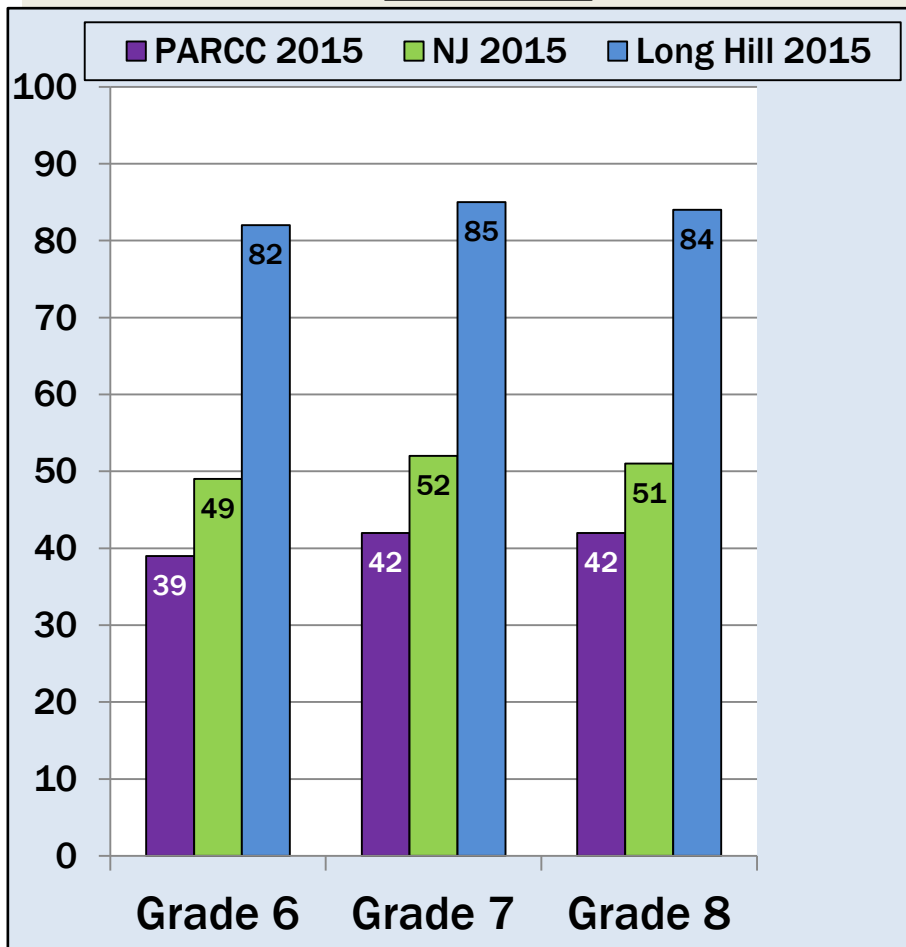
# PERCENT OF STUDENTS PASSING IN 2015 & 2016

(MET OR EXCEEDED EXPECTATIONS LEVELS)

## ELA PARCC GRADES 6 - 8

2015

2016



# PERCENT OF STUDENTS PASSING IN 2015 & 2016

(MET OR EXCEEDED EXPECTATIONS LEVELS)

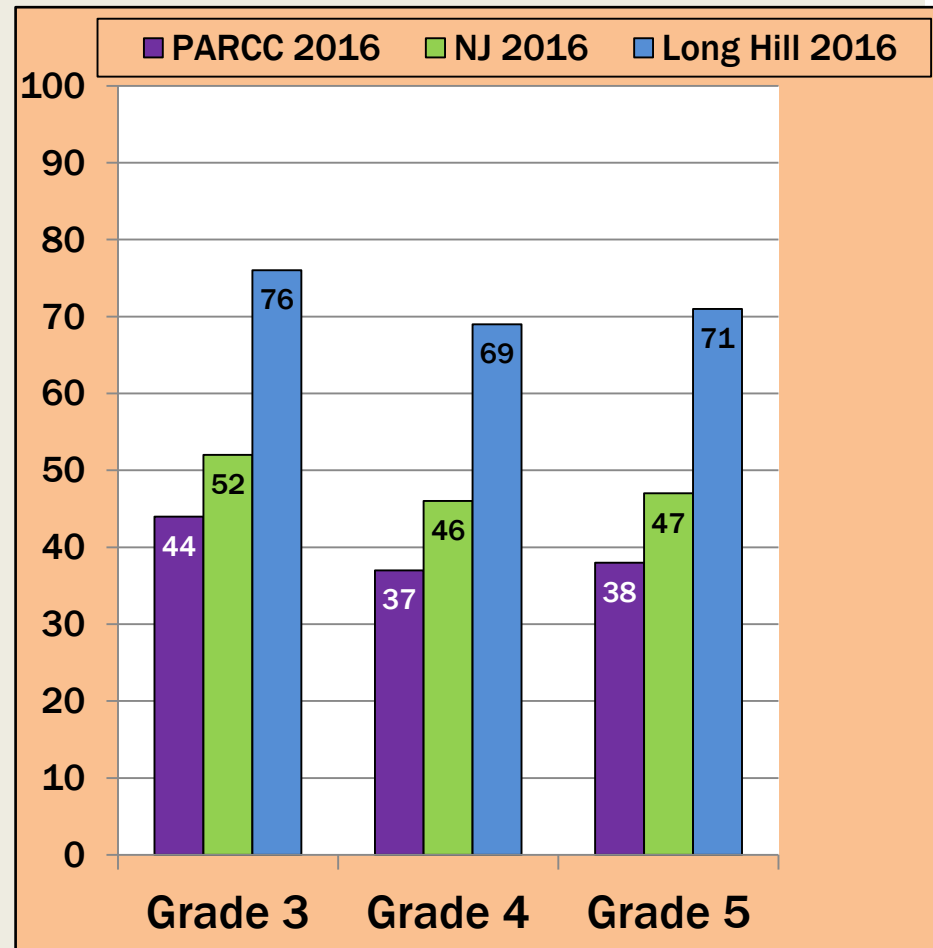
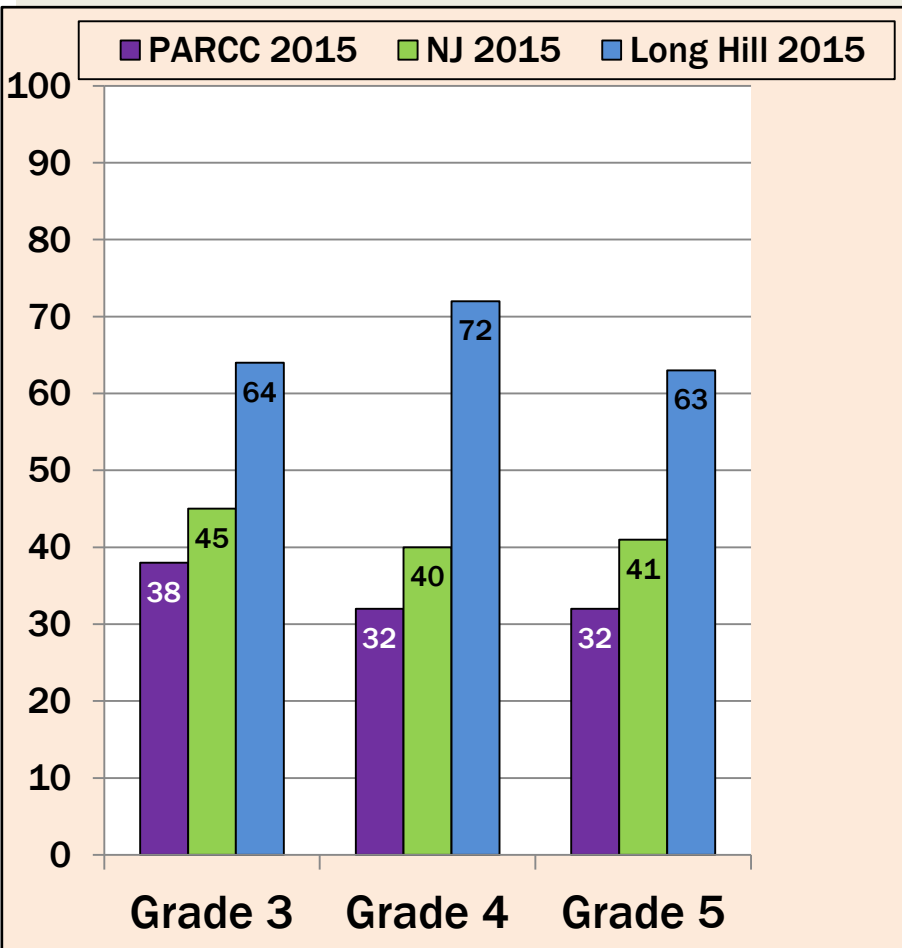
## MATHEMATICS PARCC GRADES 3 - 5

2015

2016

■ PARCC 2015 ■ NJ 2015 ■ Long Hill 2015

■ PARCC 2016 ■ NJ 2016 ■ Long Hill 2016



# PERCENT OF STUDENTS PASSING IN 2015 & 2016

(MET OR EXCEEDED EXPECTATIONS LEVELS)

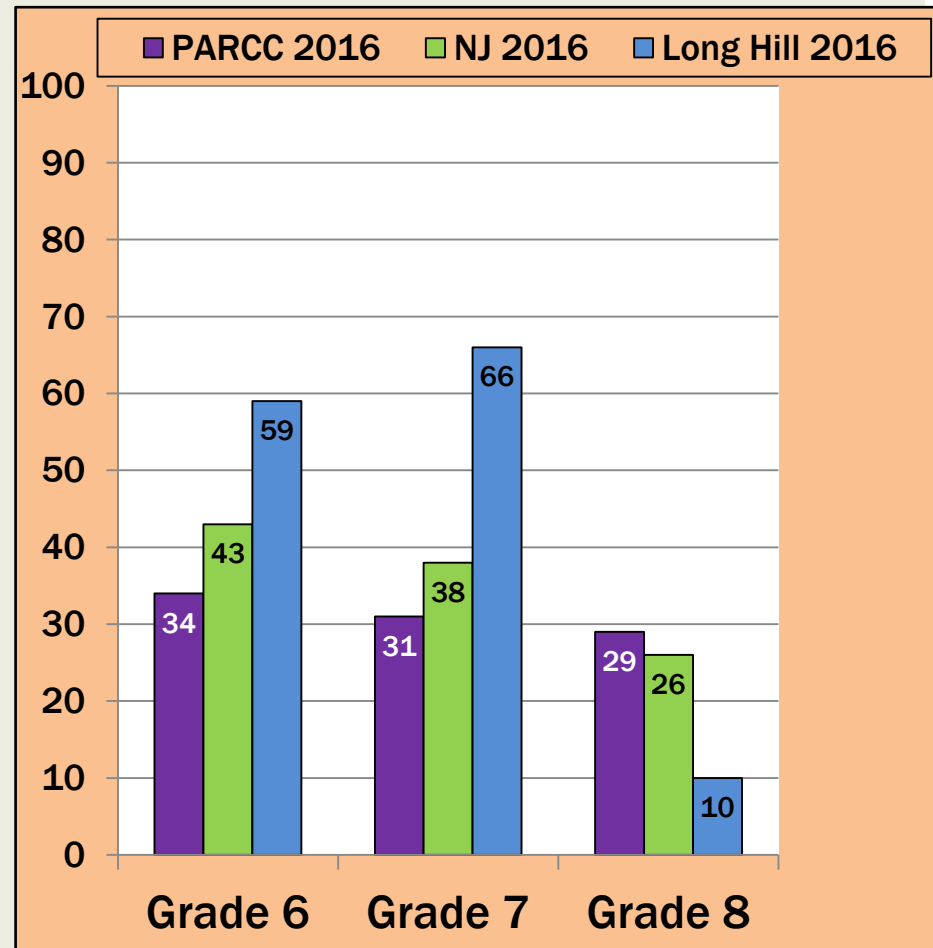
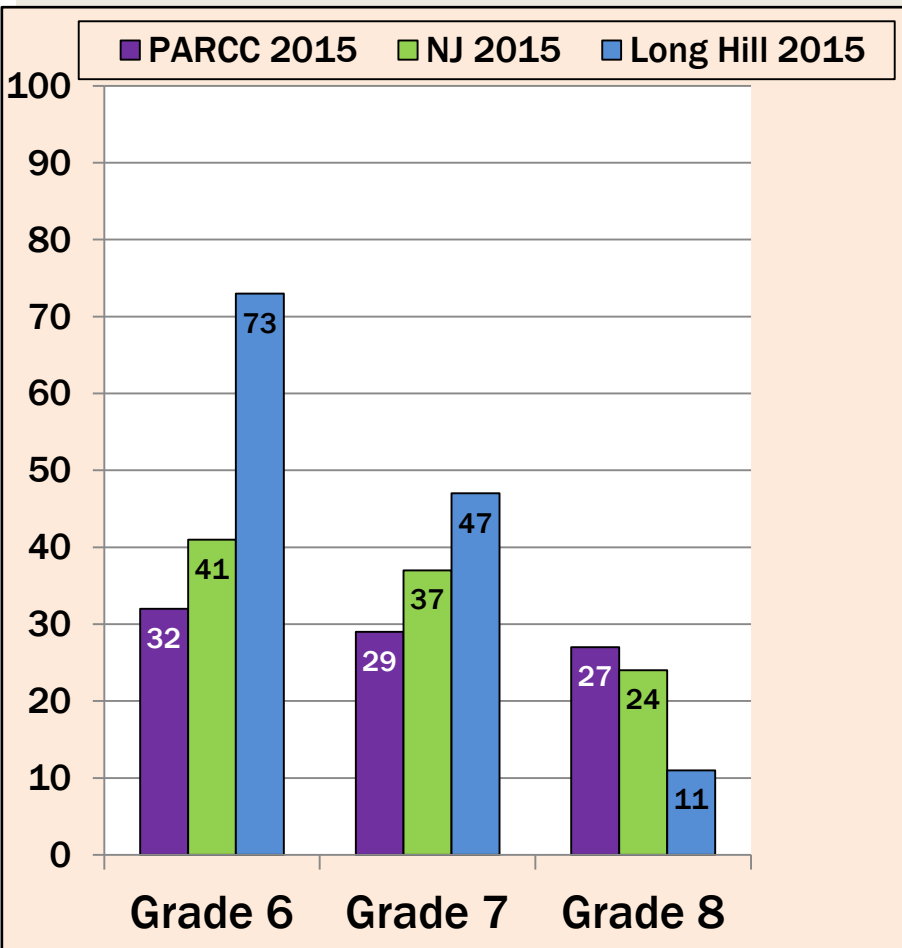
## MATHEMATICS PARCC GRADES 6 - 8

2015

2016

■ PARCC 2015 ■ NJ 2015 ■ Long Hill 2015

■ PARCC 2016 ■ NJ 2016 ■ Long Hill 2016



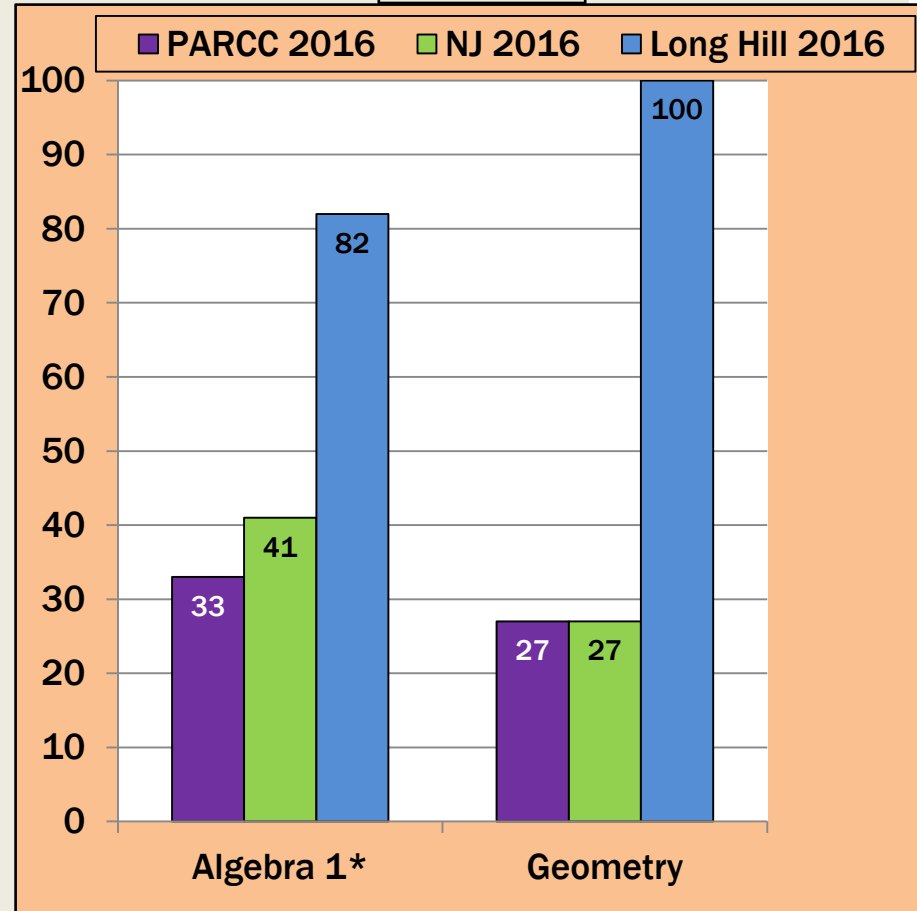
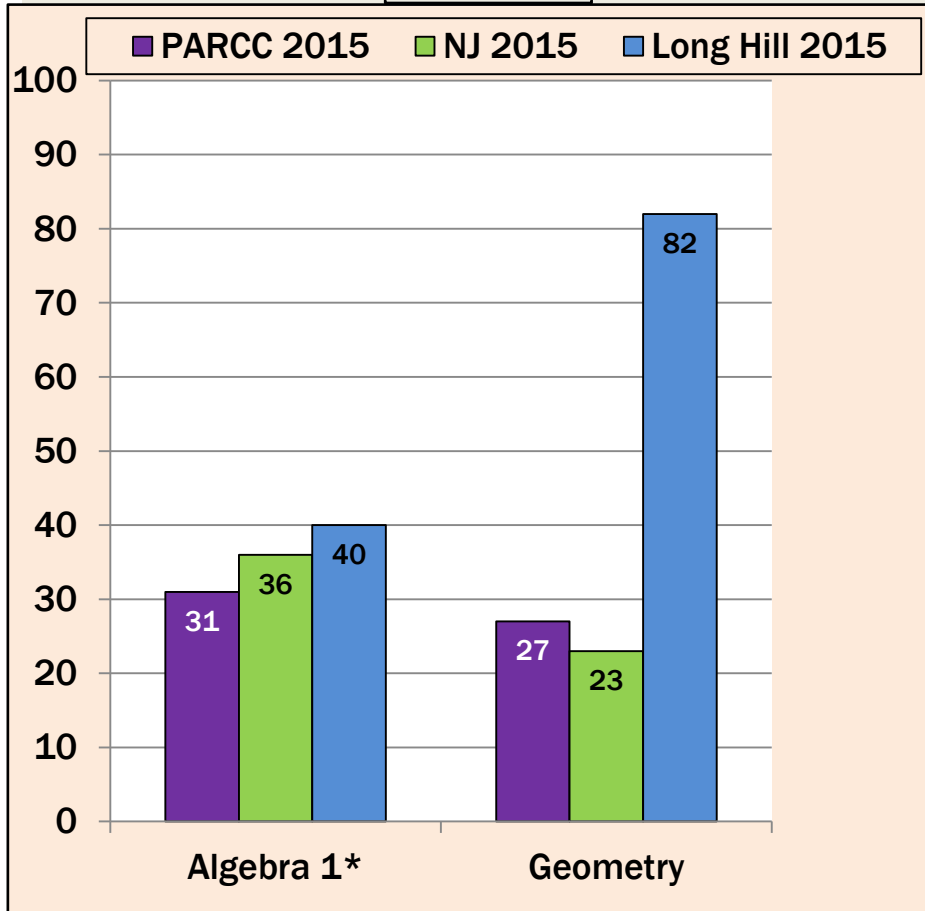
# PERCENT OF STUDENTS PASSING IN 2015 & 2016

(MET OR EXCEEDED EXPECTATIONS LEVELS)

## MATHEMATICS PARCC: ALGEBRA I & GEOMETRY

2015

2016



\*Includes 66 students from Grade 8 of which, 55 students were in Algebra I and 11 students were in Geometry.

\*Includes 77 students from Grade 8 of which, 76 students were in Algebra I and 1 student was in Geometry.

# QUESTIONS TO GUIDE PARCC DATA REFLECTION

- How will we use PARCC data to identify strengths and gaps that exist in our curriculum and instruction?
- How will we use PARCC data as a tool to address areas in need of improvement or enhancement?
- How can we provide additional resources and support for our educators to meet the learning needs of all our students?

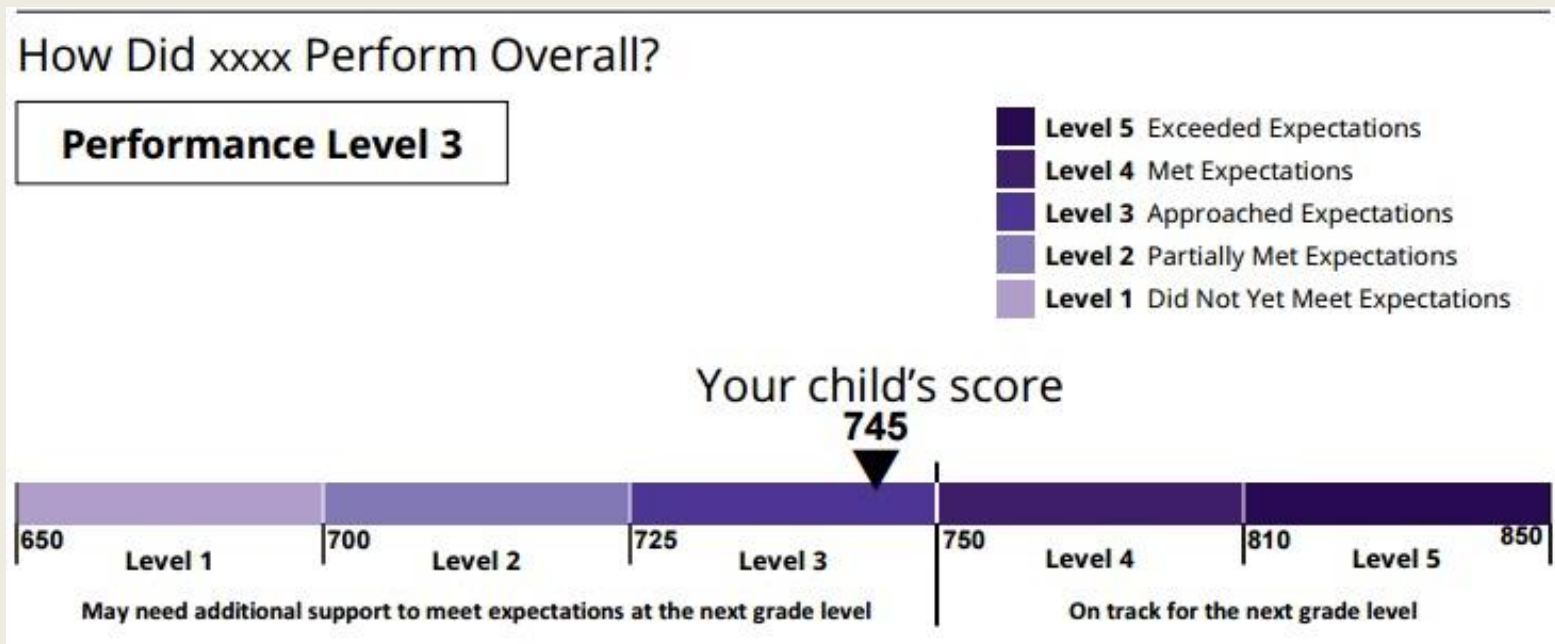


# NEXT STEPS

- Analyzing data to ensure all students are attaining highest levels of learning
- Individualized and disaggregated data
- Creation of common benchmark assessments in literacy and mathematics in grades 3 – 8 which are aligned to the New Jersey Student Learning Standards
- Providing mathematics professional development for all teachers in grades K – 8
- Providing literacy professional development for teachers in grades K – 8
- Piloting of new math resources for general mathematics course in grade 8
- Revised curriculum to meet the requirements of the New Jersey Student Learning Standards

# RESOURCES FOR PARENTS

- Information on the new 2015-16 PARCC Student Reports: [www.state.nj.us/education/assessment/parcc/scores/](http://www.state.nj.us/education/assessment/parcc/scores/)
- Understanding the student score reports (with translations): [understandthescore.org/](http://understandthescore.org/)



Sample report





**THANK YOU!**