

# State Testing Results: Spring 2017 Administrations

Branchburg School District  
October 19, 2017

Measuring  
College and  
Career Readiness  
through PARCC  
and NJASK  
Science

# New Jersey's Statewide Assessment Program

- 2017 marks the 3rd administration of the Partnership for Assessment of Readiness for College and Careers (PARCC).
- Students completed PARCC English Language Arts and Literacy Assessments (ELA/L) in grades 3 – 8.
- Students completed PARCC Mathematics Assessments in grades 3 – 8 and End of Course Assessments in Algebra I and Geometry.

# PARCC Performance Levels

- Level 1: Not yet meeting grade-level expectations
- Level 2: Partially meeting grade-level expectations
- Level 3: Approaching grade-level expectations
- Level 4: Meeting grade-level expectations
- Level 5: Exceeding grade-level expectations

# Branchburg Student Participation

All 3 Branchburg Schools completed Corrective Action Plans as a result of the low participation levels during the 2016 PARCC administration.

Approximately 50 additional students participated in the Spring 2017 PARCC administration than the 2016 administration.

Possible influences:

- Introduction of State-mandated Graduation Requirements (ALG I & ELA 10)
- Explanation of the valuable data point provided to the district to help improve instructional practices
- Encouragement from teachers/community

# 2015-2017 Branchburg PARCC Results

■ The aggregate data from the 2015-2017 administrations shows the following percentages of students have met or exceeded expectations in English Language Arts/Literacy and Mathematics.

■ All percentages remain above the State of NJ averages in each grade level.

\*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.

\*\*Level 4 and Level 5 is an indication a student is on pace to be college and career ready..

Percentage of Students Meeting or Exceeding Expectations**		
	English Language Arts/Literacy	Mathematics
Grade 3	56.3	67.3
Grade 4	71.1	68.0
Grade 5	67.6	70.4
Grade 6	74.1	65.4
Grade 7*	68.3	45.5
Grade 8*	63.2	32.0
Algebra I	--	80.0
Geometry	--	98.7 <sub>5</sub>

# 2017 District Results: Level 1

- Level 1 data from the 2017 administration identified the following percentages of students that did not meet expectations in English Language Arts/Literacy and Mathematics.
- All percentages remain below the State of NJ averages in each grade level.

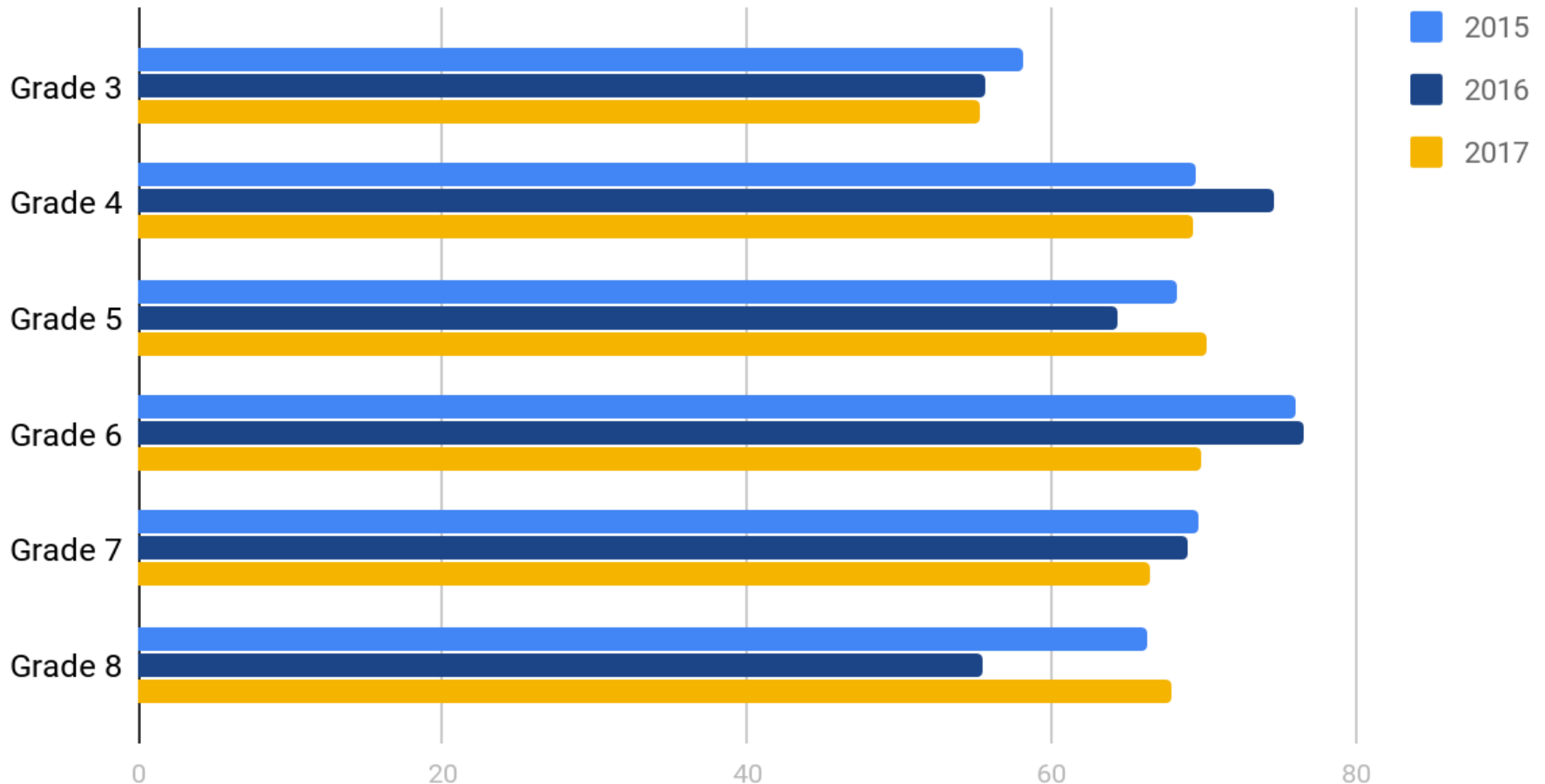
**\*\*A Level 1 score is an indication that a student does not yet meet expectations at the given grade level.**

Percentage of Students who Did Not Yet Meet Expectations**		
	English Language Arts/Literacy	Mathematics
Grade 3	7.5	5.6
Grade 4	6.0	5.5
Grade 5	4.1	2.7
Grade 6	3.1	1.9
Grade 7*	4.4	5.4
Grade 8*	1.8	9.3
Algebra I	--	0.0
Geometry	--	0.0 <sub>6</sub>

# 2015 - 2017 Spring PARCC Grade-Level Outcome Comparison

## English Language Arts/Literacy

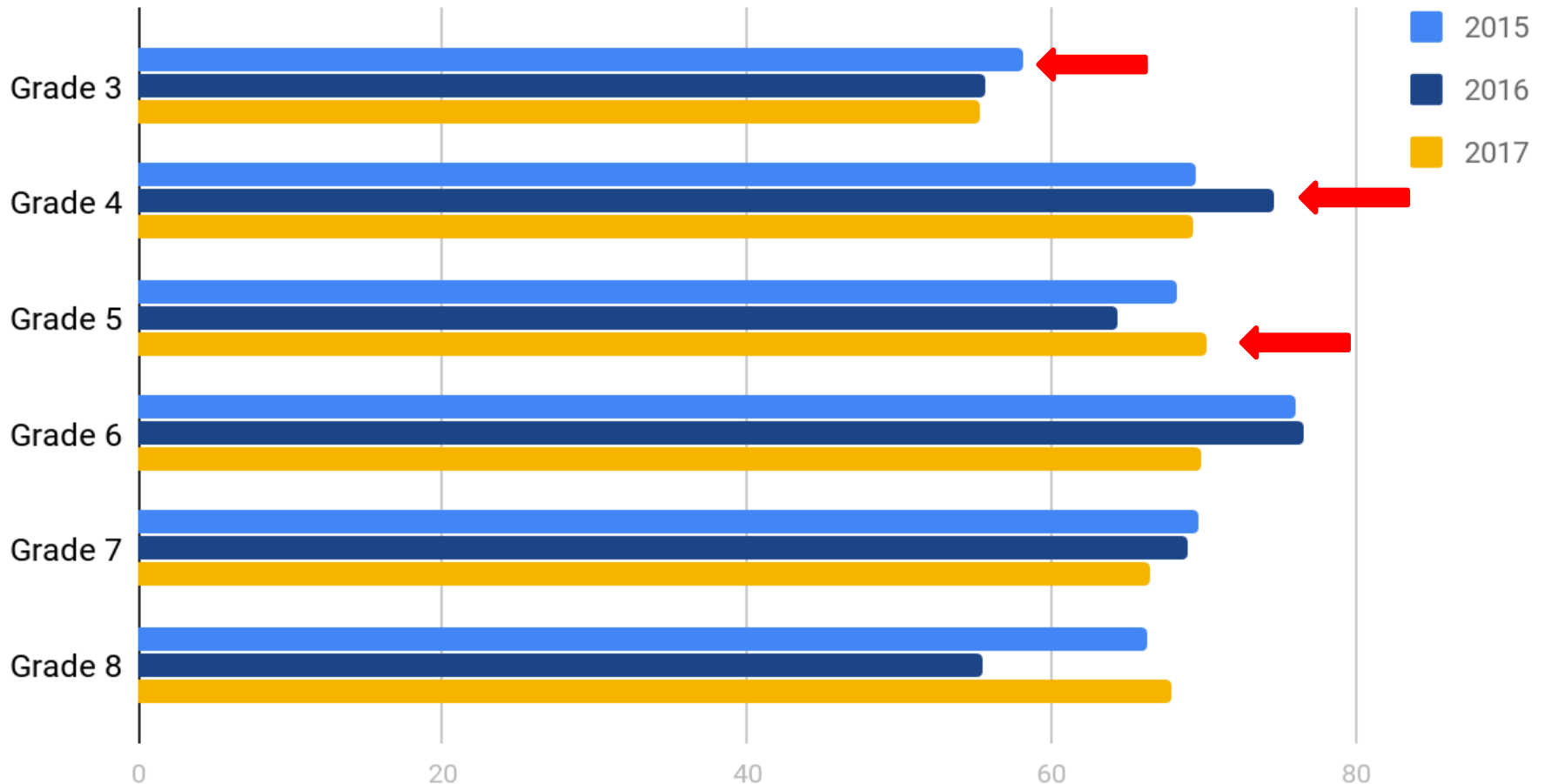
### Percentage of Students Meeting Expectations



# 2015 - 2017 Spring PARCC Grade-Level Outcome Comparison

## English Language Arts/Literacy

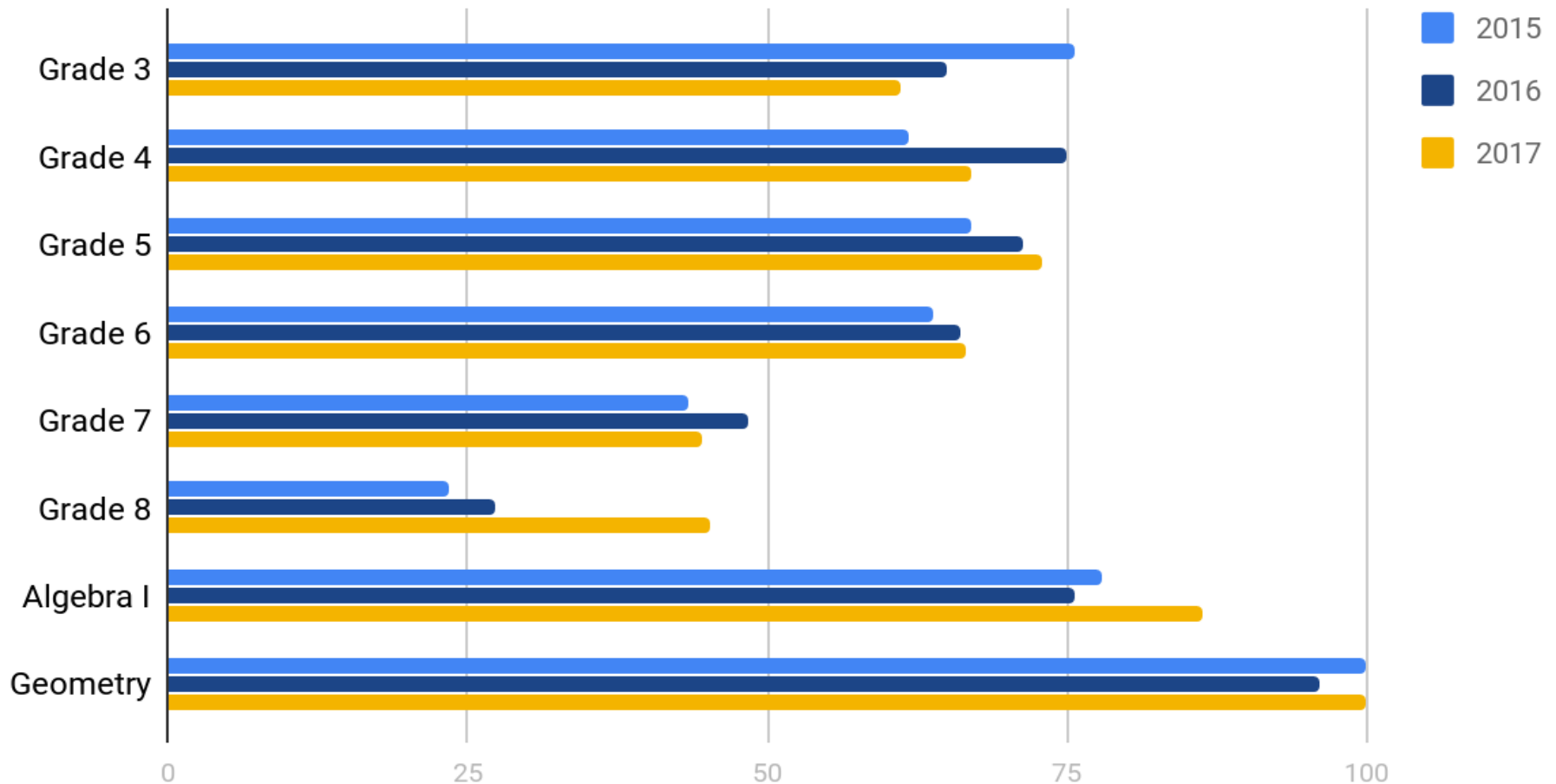
Percentage of Students Meeting Expectations





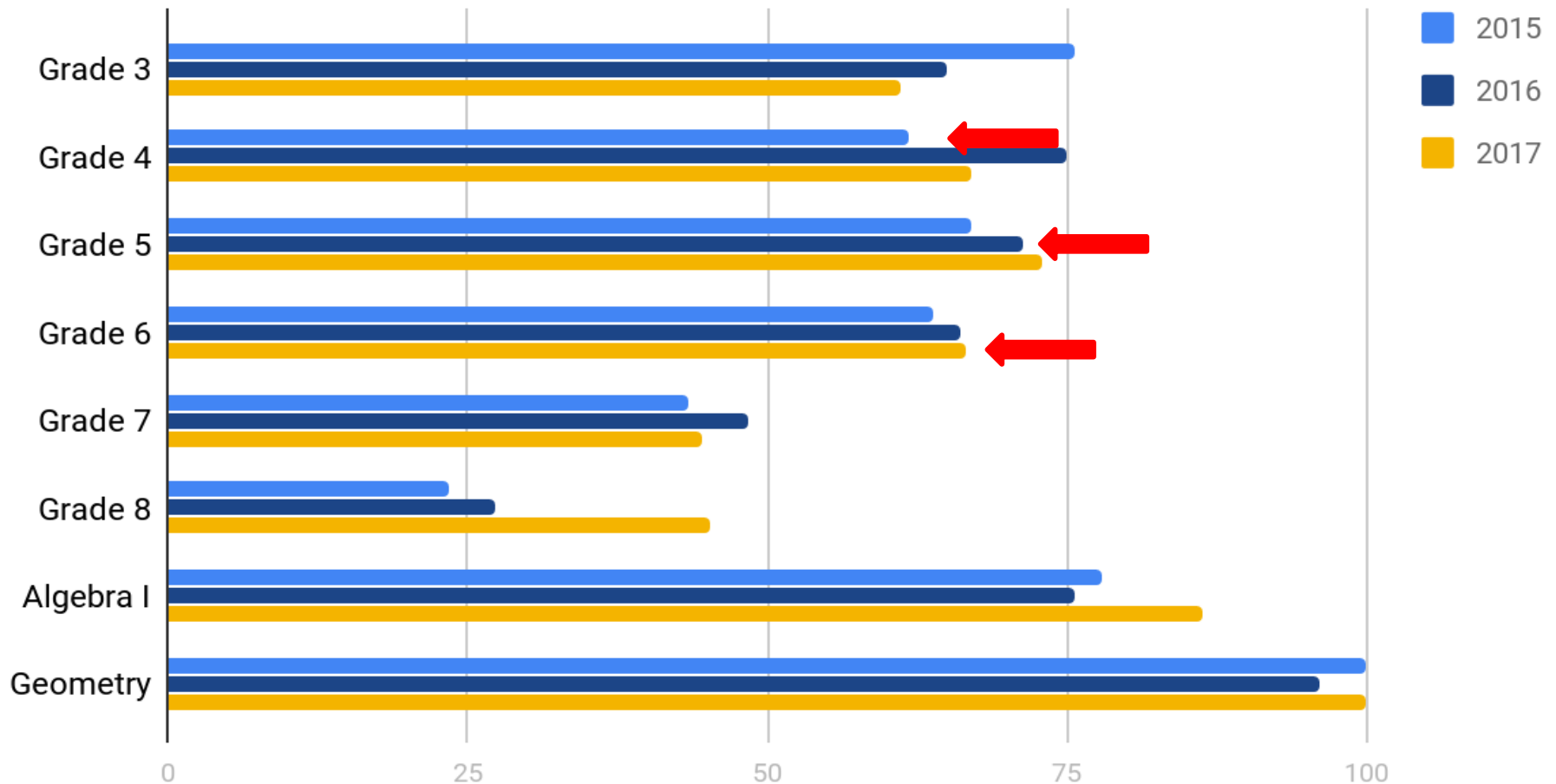
# 2017 Spring PARCC Grade-Level Outcome Comparison Mathematics

## Percentage of Students Meeting Expectations



# 2017 Spring PARCC Grade-Level Outcome Comparison Mathematics

## Percentage of Students Meeting Expectations

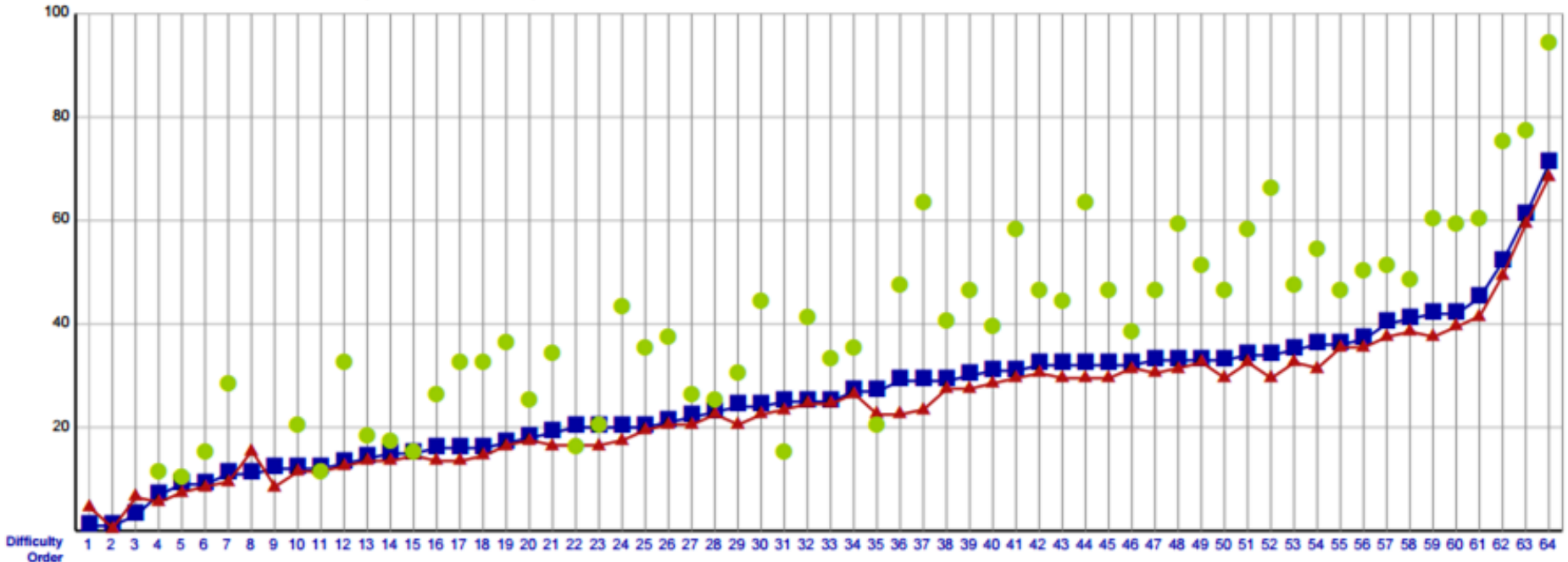


# Digging Deeper into Data

With the help of the district coaches, administration has begun to looking at more specific data:

## Students with Valid Scores (

**Purpose:** This report presents the average percent correct by Evidence Statement for district, state and Cross-State.

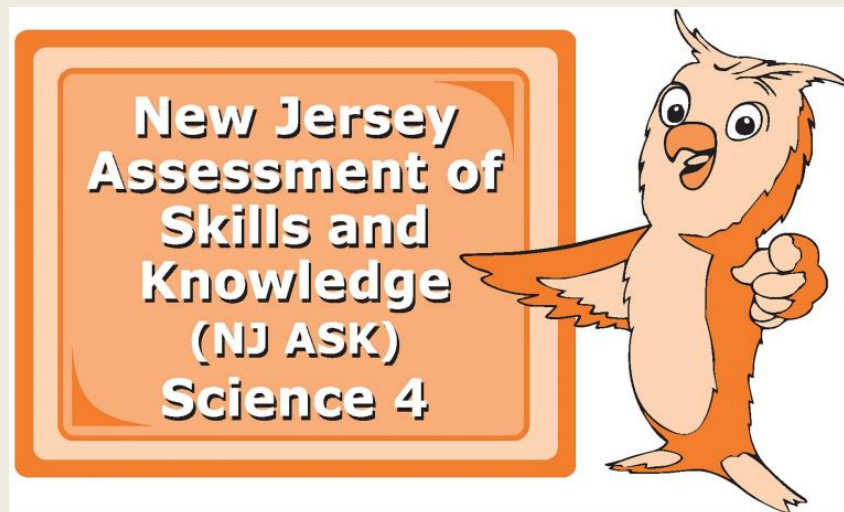


# Conclusions & Next Steps

- Branchburg PARCC scores continue to be above NJ State averages
- Statewide there was an increase in the total number of students tested which Branchburg mirrored
- Continued data analysis and comparisons to identify areas of strength and those in need of improvement
- Utilizing District Evidence Statements to monitor trends across specific standards
- Investigate the connections of student performance across PARCC, MAP and in-district assessments

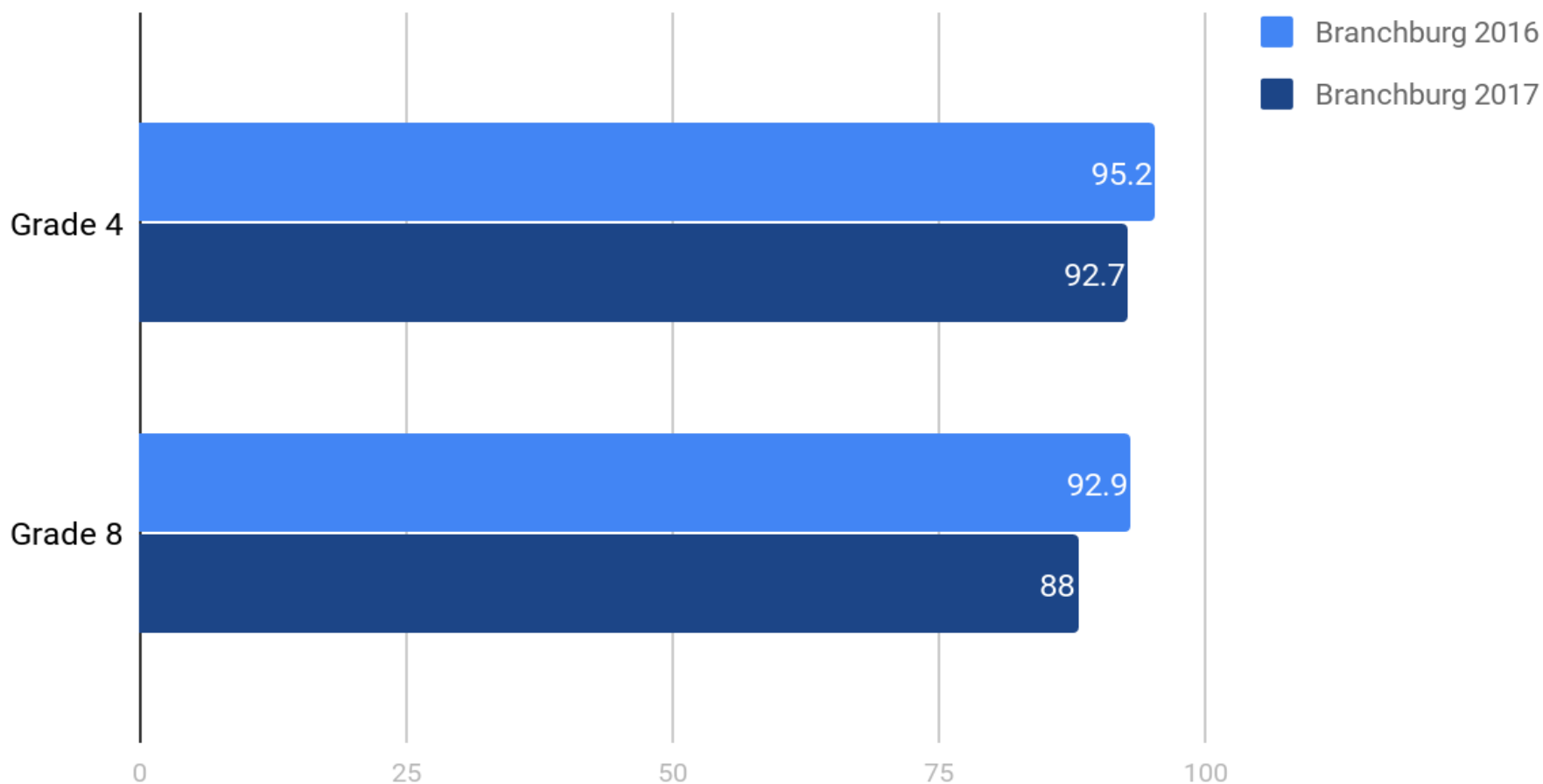
# NJASK Science

- In the Spring of 2017, students in grades 4 & 8 were also administered the NJASK Science Assessment.
- The following slides provide district results from both the 2016 & 2017 administrations as well as details about potential changes to the Science Assessment in New Jersey this year.



# NJASK Science Grade 4 & 8

## Percentage of Students Meeting Expectations



# Conclusions & Next Steps

- Branchburg NJASK Science scores continue to be above the State average in both grades 4 and 8.
- The New Jersey Department of Education is currently in the process of developing a new science assessment. The assessment will be aligned with the newly implemented New Jersey Student Learning Standards in Science (NGSS). Information regarding the format of this assessment and testing dates will be provided as it becomes available.
- NGSS-related professional development opportunities and providing instruction using updated curriculum.

# 2017-2018 Plan of Action

## Currently:

- Individual student score reports have been distributed to parents
- Coaches and administration reviewing data across grade levels and years

## Upcoming:

- Schedule staff meetings and lab-sites to review performance via evidence statements
- Investigate connections of student performance across PARCC, MAP and in-district assessments which include:
  - DRA/Teacher's College Running Record (ELA)
  - Pre and post assessments (ELA)
  - Formative assessments (quizzes, running records, conference/anecdotal notes)
  - Open Response prompts (Math)
  - Unit Assessments (Math)



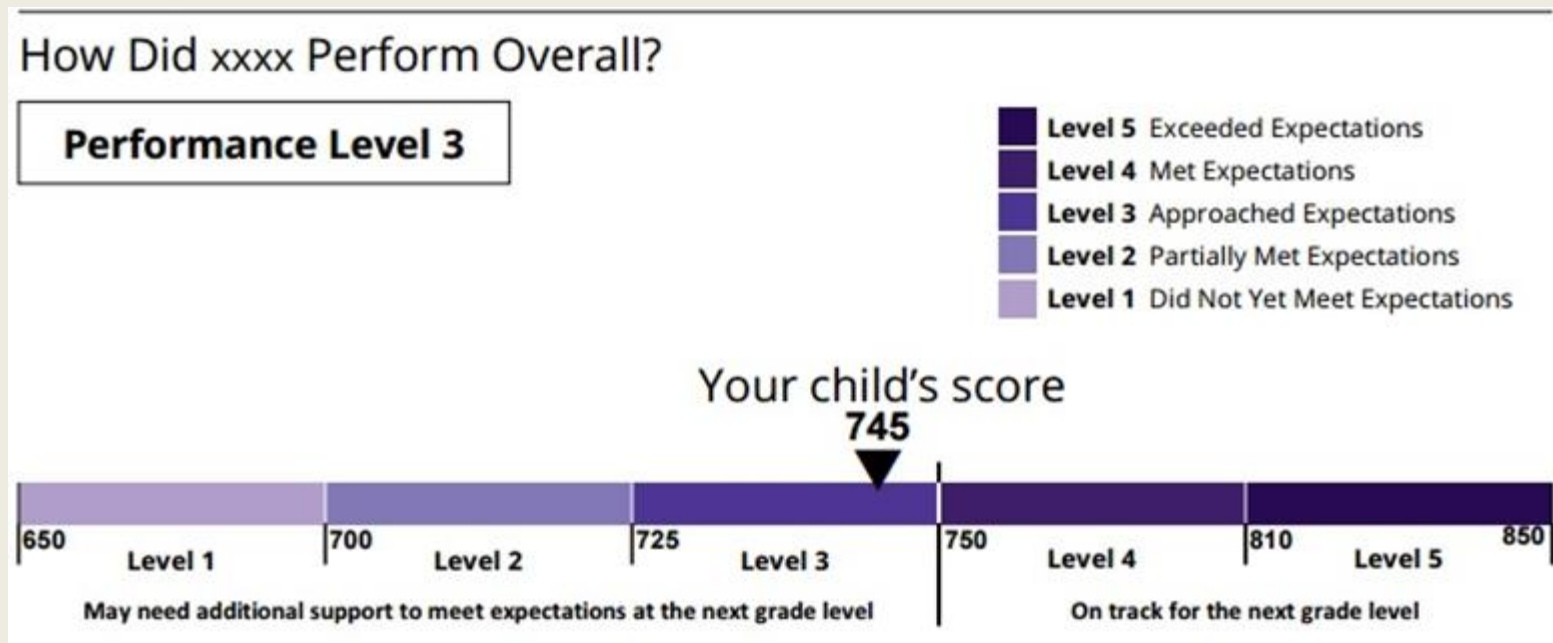
# PARCC Resources for Parents

## ■ Valuable PARCC resources for Parents:

<http://www.state.nj.us/education/assessment/parents/>

## ■ Understanding the student score reports (with translations):

[understandthescore.org/](http://understandthescore.org/)



# NJ Science Assessment Resources for Parents

## ■ NJASK Science resources for Parents:

- Grade 4:

[https://www.measinc.com/nj/Downloads/NJASK/2017\\_PSTG\\_G4\\_Science.pdf](https://www.measinc.com/nj/Downloads/NJASK/2017_PSTG_G4_Science.pdf)

- Grade 8:

[https://www.measinc.com/nj/Downloads/NJASK/2017\\_PSTG\\_G8\\_Science.pdf](https://www.measinc.com/nj/Downloads/NJASK/2017_PSTG_G8_Science.pdf)

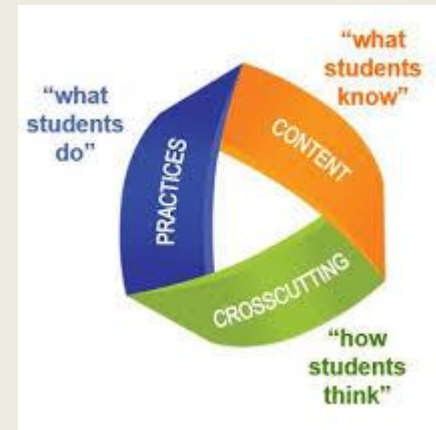
## ■ Valuable NGSS Science resources for Parents:

- Grades 3-5:

<https://www.nextgenscience.org/sites/default/files/ParentGuides%20Grades%203to5%20-%20General.pdf>

- Grades 6-8:

<https://www.nextgenscience.org/sites/default/files/ParentGuide%20Grades%206to8%20-%20General.pdf>



# Keeping Our Mission a Priority

To inspire our children to learn, think, grow  
and excel in life.