

PARCC Results:  
Spring 2018  
Administration

Branchburg School District  
October 4, 2018

Measuring  
College and  
Career  
Readiness

# New Jersey's Statewide Assessment Program

- In 2015, PARCC replaced NJASK as the elementary and middle school level assessment in English Language Arts and Mathematics.
- 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.
- This report contains the results of the fourth year of administration of the PARCC assessment.

# PARCC Performance Levels

PARCC defines five levels in characterizing whether a student's performance on the assessment meets the expectations of the grade level standards:

- 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

Each level has a specific cut score which is displayed on individual student reports.

# PARCC Scale Score Cut Scores

Grade	Content	Level 1	Level 2	Level 3	Level 4	Level 5
3	ELA	<700	700	725	750	810
3	Math	<700	700	725	750	790
4	ELA	<700	700	725	750	790
4	Math	<700	700	725	750	796
5	ELA	<700	700	725	750	799
5	Math	<700	700	725	750	790
6	ELA	<700	700	725	750	790
6	Math	<700	700	725	750	788
7	ELA	<700	700	725	750	785
7	Math	<700	700	725	750	786
8	ELA	<700	700	725	750	794
8	Math	<700	700	725	750	801
	Algebra I	<700	700	725	750	805
	Geometry	<700	700	725	750	783

# Branchburg Student Participation

An overall increase in participation was evident during the Spring 2018 PARCC administration.

Possible influences:

- Continuation of state-mandated Graduation Requirements in ALG I & ELA 10
- Explanation of the value PARCC data provides the district and individual teachers to help improve instructional practices and meet student needs
- Encouragement from teachers/community

# 2018 Participation in PARCC

Grade/Test	Total Population	Number Tested	Percentage Tested
Grade 3 ELA	137	130	95%
Grade 3 Math	137	130	95%
Grade 4 ELA	169	168	99%
Grade 4 Math	169	168	99%
Grade 5 ELA	174	161	93%
Grade 5 Math	174	162	93%
Grade 6 ELA	150	142	95%
Grade 6 Math	150	143	95%
Grade 7 ELA	170	162	95%
Grade 7 Math	142	136	96%
Grade 8 ELA	178	168	94%
Grade 8 Math	77	73	95%
Algebra I	102	99	97%
Geometry	26	26	100%

\*Some students in grade 7 and 8 participated in the PARCC Algebra I or Geometry assessment. Thus, PARCC Math 7 and Math 8 outcomes are not representative of grade level performance as a whole.

# Branchburg's 2018 Spring PARCC English Language Arts/Literacy Results

	Count of Valid Test Scores	Not Yet Meeting Expectations (Level 1)	Partially Meeting Expectations (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	District % of students at Level 4 & 5	State % of students at Level 4 & 5
<b>Grade 3</b>	130	11.5%	10.8%	35.4%	39.2%	3.1%	<b>42.3%</b>	51.7%
<b>Grade 4</b>	168	6.0%	10.1%	16.7%	45.2%	22.0%	<b>67.3%</b>	58.0%
<b>Grade 5</b>	161	2.5%	11.2%	21.7%	52.2%	12.4%	<b>64.6%</b>	58.0%
<b>Grade 6</b>	142	0.7%	2.8%	12.7%	46.5%	37.3%	<b>83.8%</b>	56.2%
<b>Grade 7</b>	162	4.9%	7.4%	13.6%	37.7%	36.4%	<b>74.1%</b>	62.7%
<b>Grade 8</b>	168	2.4%	3.0%	13.1%	39.9%	41.7%	<b>81.5%</b>	60.4%

# Comparison of Branchburg's Spring 2018 PARCC Administration to New Jersey Percentages English Language Arts/Literacy

Grade	Level 1, District	Level 1, State	Level 2, District	Level 2, State	Level 3, District	Level 3, State	Level 4, District	Level 4, State	Level 5, District	Level 5, State
3	11.5	<b>13.5</b>	10.8	<b>13.5</b>	35.4	<b>21.4</b>	39.2	<b>43.5</b>	3.1	<b>8.1</b>
4	6.0	<b>7.6</b>	10.1	<b>12.3</b>	16.7	<b>22.1</b>	45.2	<b>39.1</b>	22.0	<b>18.9</b>
5	2.5	<b>6.9</b>	11.2	<b>12.6</b>	21.7	<b>22.4</b>	52.2	<b>47.2</b>	12.4	<b>10.8</b>
6	0.7	<b>6.2</b>	2.8	<b>13.6</b>	12.7	<b>24.0</b>	46.5	<b>41.3</b>	37.3	<b>14.9</b>
7	4.9	<b>8.6</b>	7.4	<b>10.2</b>	13.6	<b>18.5</b>	37.7	<b>34.1</b>	36.4	<b>28.6</b>
8	2.4	<b>8.7</b>	3.0	<b>11.1</b>	13.1	<b>19.8</b>	39.9	<b>39.9</b>	41.7	<b>20.4</b>

Notes: Percentages may not total 100 due to rounding.



# Branchburg's 2018 Spring PARCC Mathematics Results

	Count of Valid Test Scores	Not Yet Meeting Expectations (Level 1)	Partially Meeting Expectations (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	District % of students at Level 4 & 5	State % of students at Level 4 & 5
Grade 3	130	6.9%	11.5%	17.7%	48.5%	15.4%	<b>63.8%</b>	53.0%
Grade 4	168	3.0%	7.7%	13.7%	58.9%	16.7%	<b>75.6%</b>	49.4%
Grade 5	162	3.1%	4.9%	22.2%	54.9%	14.8%	<b>69.8%</b>	48.8%
Grade 6	143	0.0%	9.1%	21.0%	62.2%	7.7%	<b>69.9%</b>	43.5%
Grade 7	136	2.9%	7.4%	34.6%	52.9%	2.2%	<b>55.1%</b>	43.4%
Grade 8	73	17.8%	16.4%	32.9%	32.9%	0.0%	<b>32.9%</b>	28.2%
Algebra I	99	0.0%	2.0%	12.1%	80.8%	5.1%	<b>85.9%</b>	45.8%
Geometry	26	0.0%	0.0%	0.0%	73.1%	26.9%	<b>100%</b>	29.5%

# Comparison of Branchburg's Spring 2018 PARCC Administration to New Jersey Percentages Mathematics

Grade	Level 1, District	Level 1, State	Level 2, District	Level 2, State	Level 3, District	Level 3, State	Level 4, District	Level 4, State	Level 5, District	Level 5, State
<b>3</b>	6.9	<b>8.0</b>	11.5	<b>15.3</b>	17.7	<b>23.7</b>	48.5	<b>37.8</b>	15.4	<b>15.2</b>
<b>4</b>	3.0	<b>7.5</b>	7.7	<b>16.8</b>	13.7	<b>26.3</b>	58.9	<b>41.8</b>	16.7	<b>7.6</b>
<b>5</b>	3.1	<b>7.5</b>	4.9	<b>17.0</b>	22.2	<b>26.7</b>	54.9	<b>38.5</b>	14.8	<b>10.4</b>
<b>6</b>	0.0	<b>8.5</b>	9.1	<b>20.1</b>	21.0	<b>27.9</b>	62.2	<b>35.6</b>	7.7	<b>7.9</b>
<b>7*</b>	2.9	<b>7.7</b>	7.4	<b>20.4</b>	34.6	<b>28.6</b>	52.9	<b>36.0</b>	2.2	<b>7.4</b>
<b>8*</b>	17.8	<b>22.0</b>	16.4	<b>22.7</b>	32.9	<b>27.1</b>	32.9	<b>27.2</b>	0.0	<b>1.0</b>
<b>Algebra I</b>	0.0	<b>11.3</b>	2.0	<b>18.6</b>	12.1	<b>24.3</b>	80.8	<b>39.3</b>	5.1	<b>6.5</b>
<b>Geometry</b>	0.0	<b>9.4</b>	0.0	<b>31.5</b>	0.0	<b>29.6</b>	73.1	<b>24.6</b>	26.9	<b>4.9</b>

\*Some students in grade 7 & 8 participated in the PARCC Algebra I or Geometry assessments in place of the 7<sup>th</sup> & 8<sup>th</sup> grade Math assessments. Thus, PARCC Math 7 & 8 outcomes are not representative of grade 7 & 8 performance as a whole.

Notes: Percentages may not total 100 due to rounding.

# 2018 District Results: Level 1

- Level 1 data from the 2018 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.

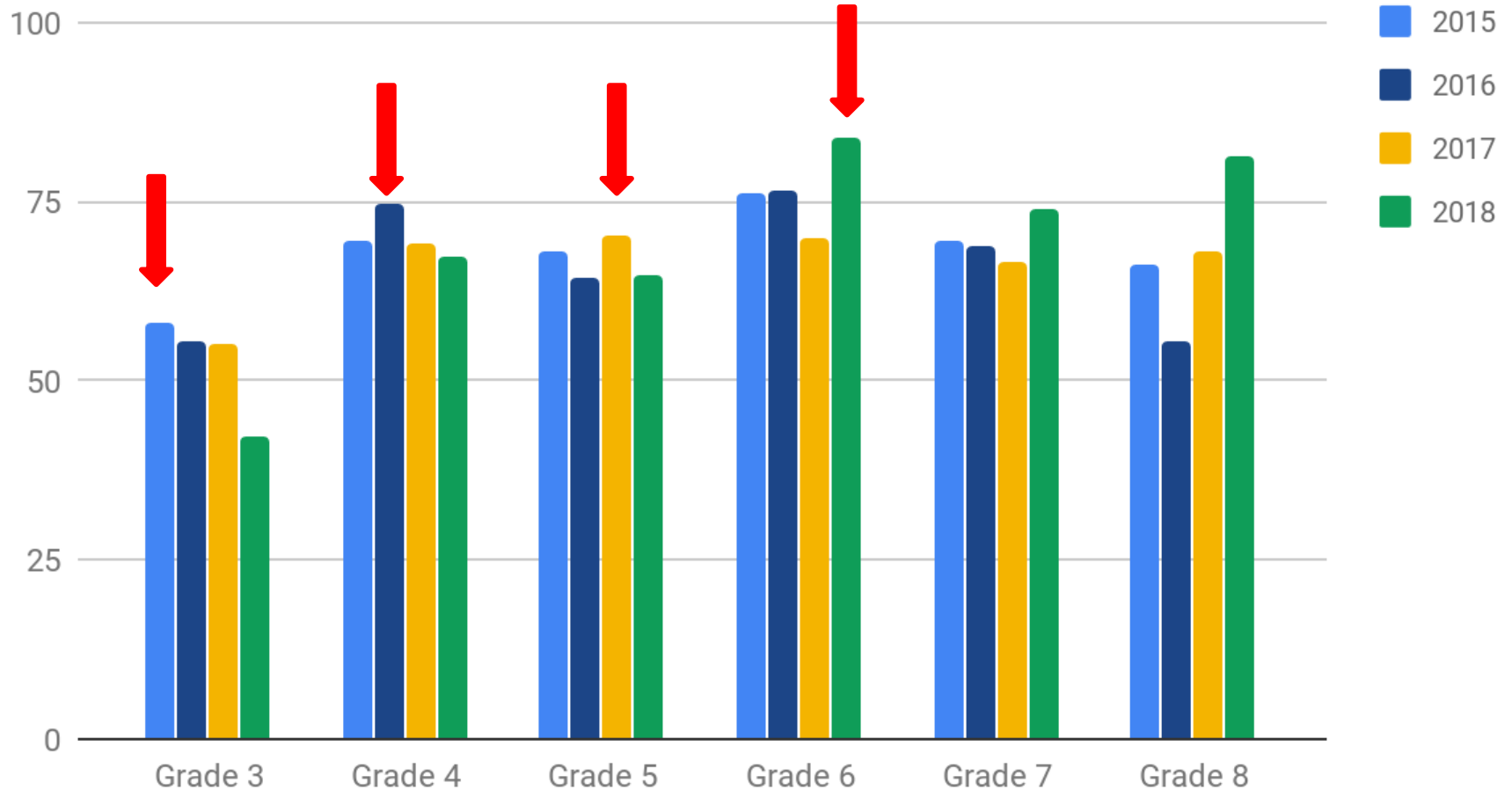
\*\*A Level 1 score is an indication that a student does not yet meet expectations at the given grade level.

Percentage of Students who Did Not Yet Meet Expectations**		
	English Language Arts/Literacy	Mathematics
Grade 3	11.5	6.9
Grade 4	6.0	3.0
Grade 5	2.5	3.1
Grade 6	0.7	0.0
Grade 7*	4.9	2.9
Grade 8*	2.4	17.8
Algebra I	--	0.0
Geometry	--	0.0

# 2015-2018 Spring PARCC Grade-Level Outcome Comparison

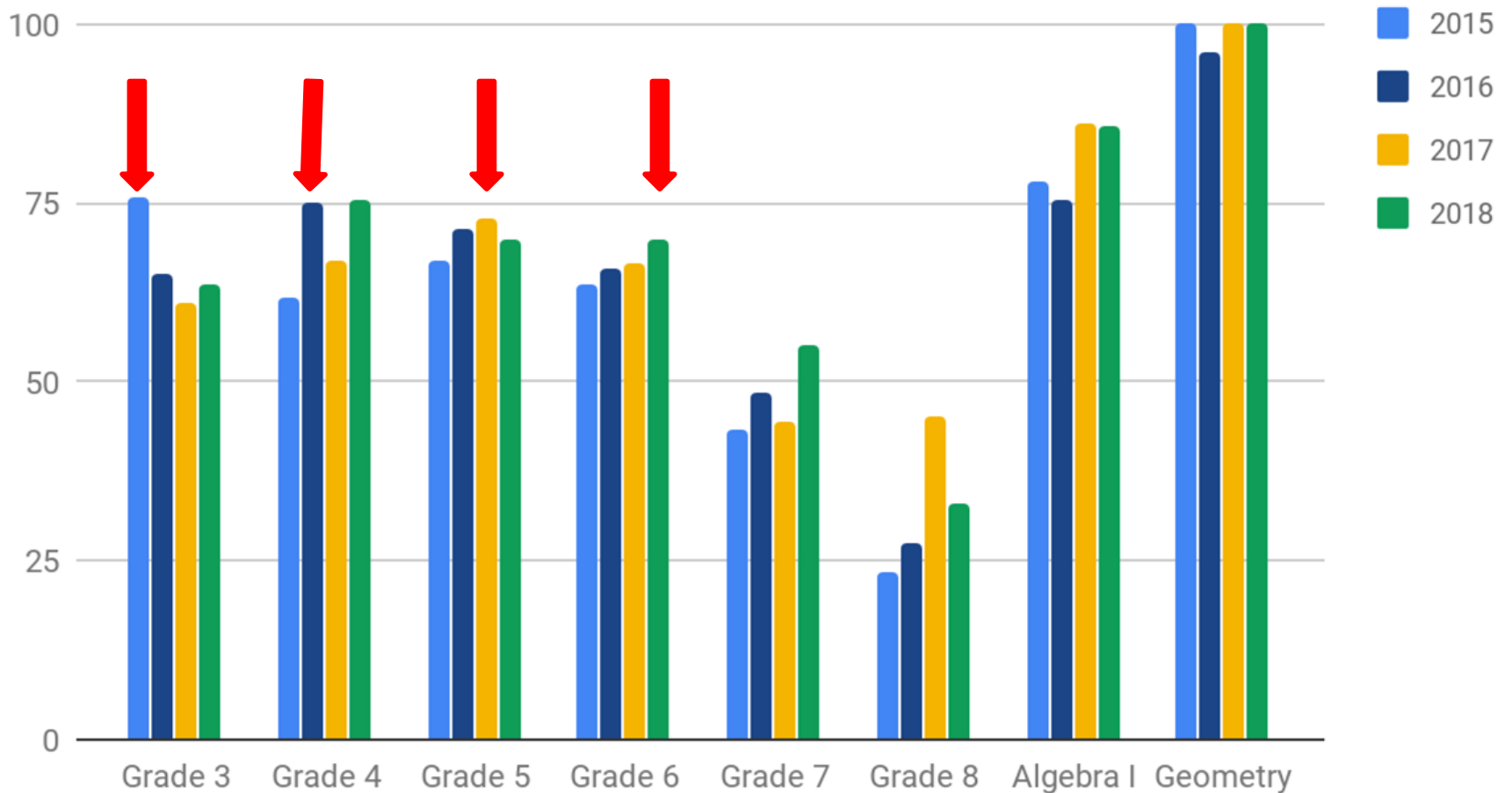
## English Language Arts/Literacy

Percentage of Students Meeting Expectations

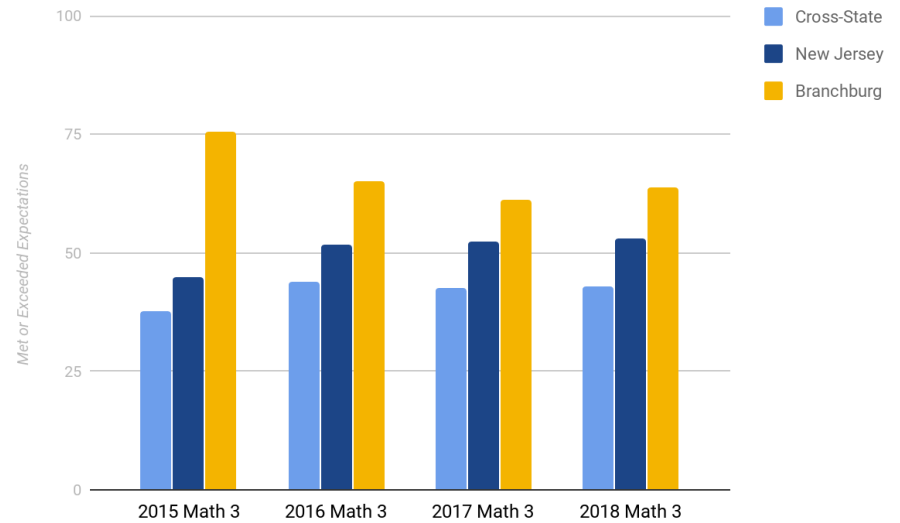
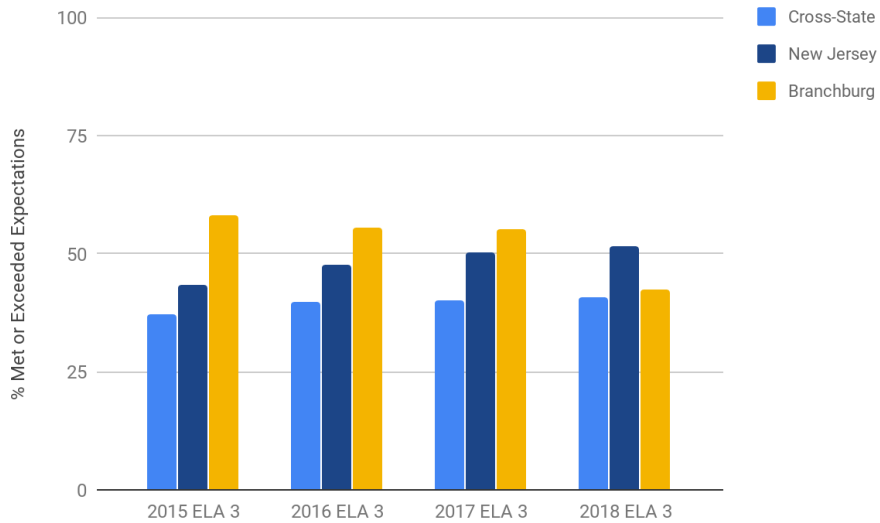


# 2015-2018 Spring PARCC Grade-Level Outcome Comparison Mathematics

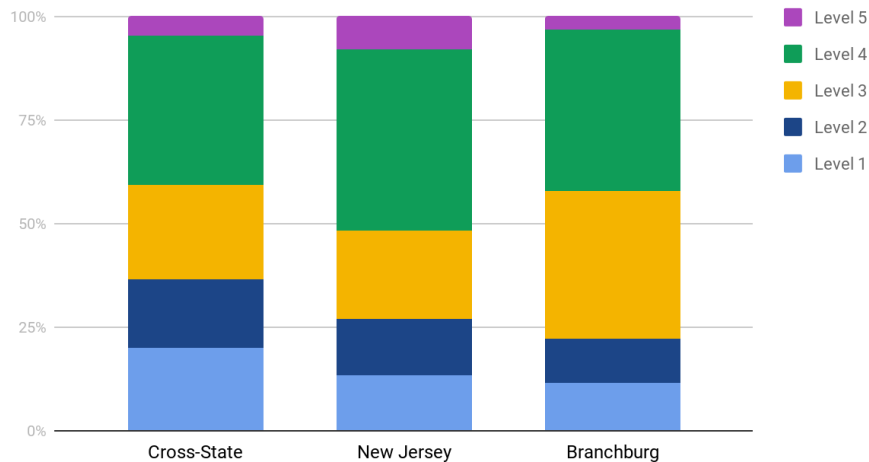
## Percentage of Students Meeting Expectations



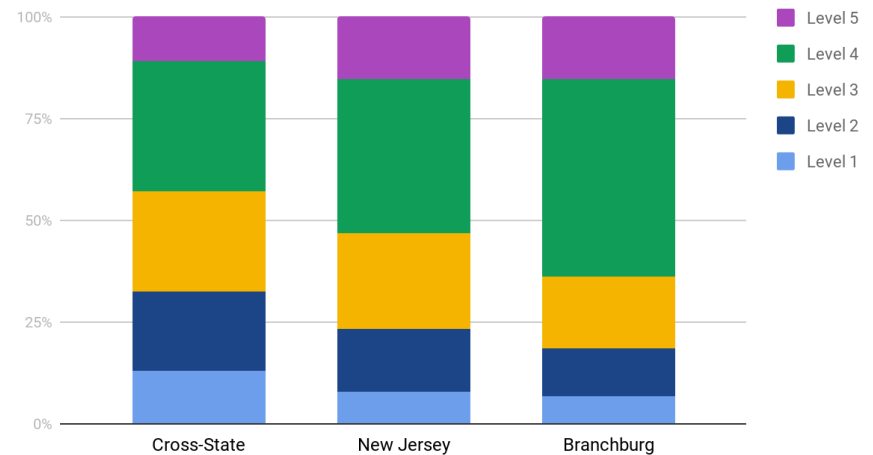
# 2015 - 2018 PARCC Comparison Grade 3



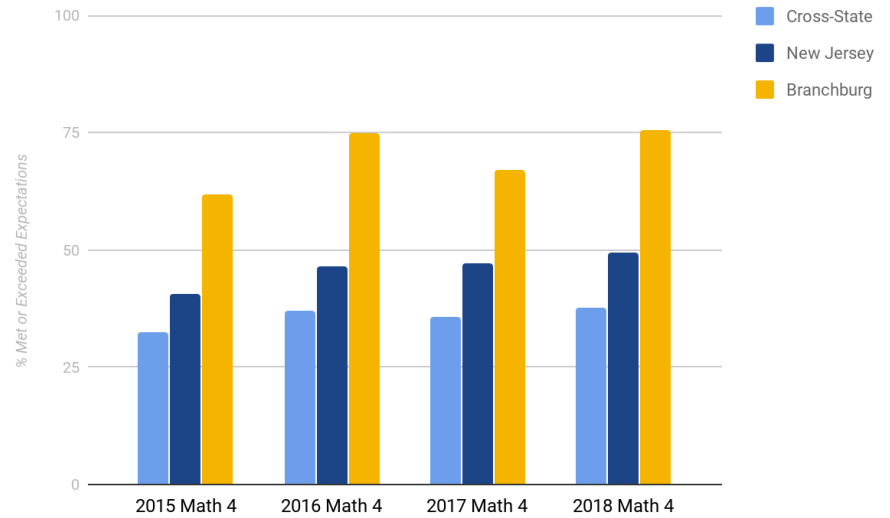
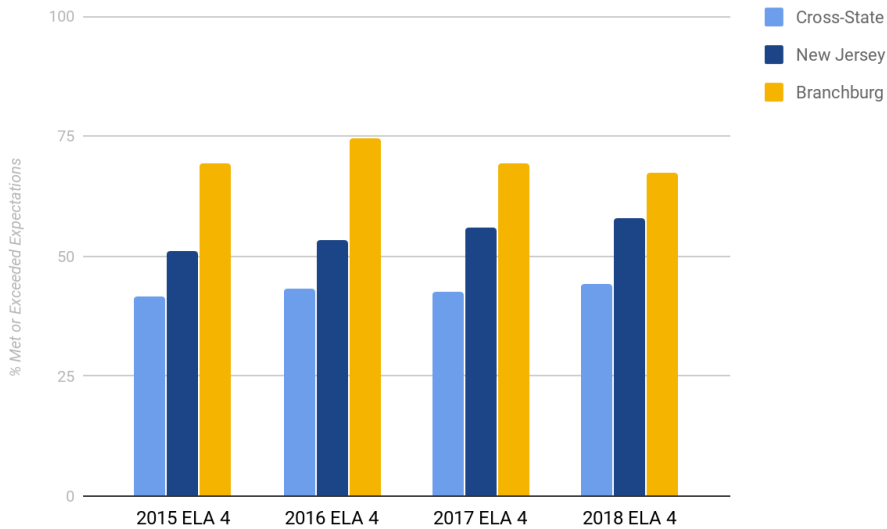
2018 Grade 3 ELA



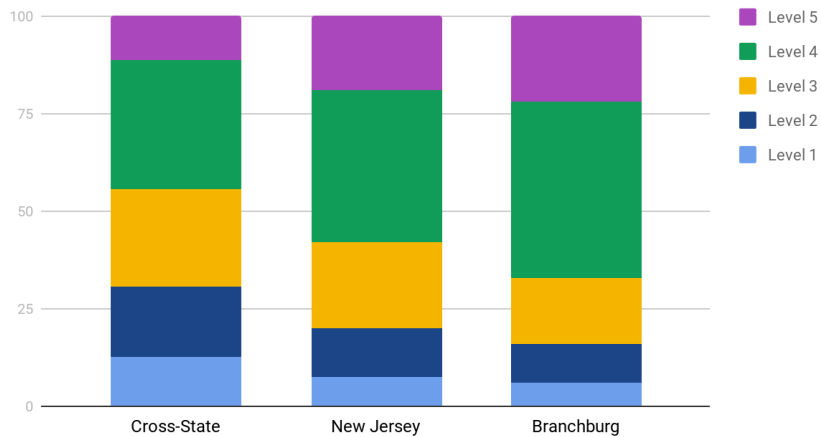
2018 Grade 3 Mathematics



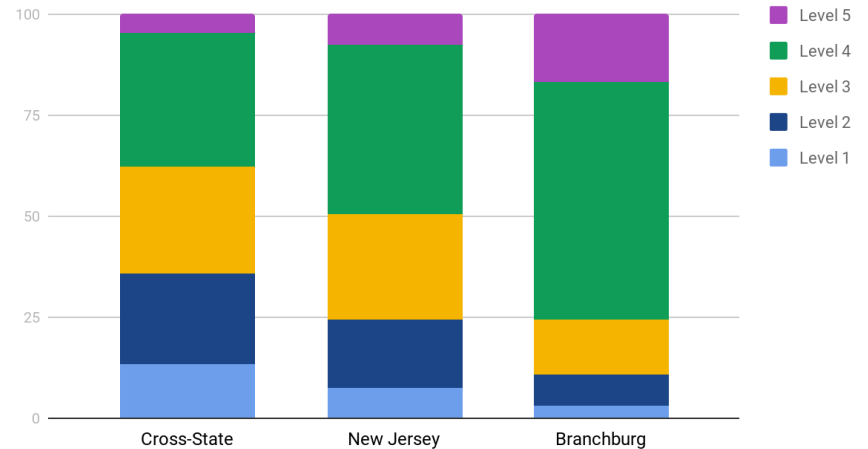
# 2015 - 2018 PARCC Comparison Grade 4



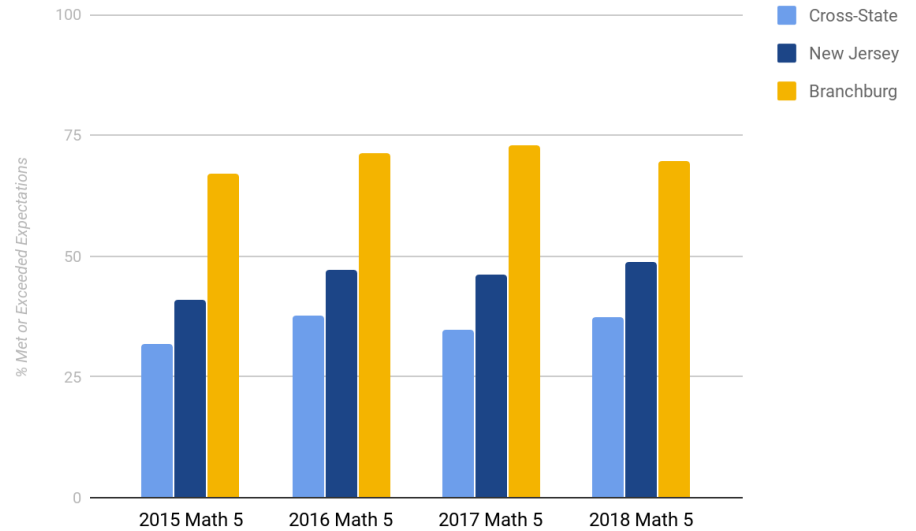
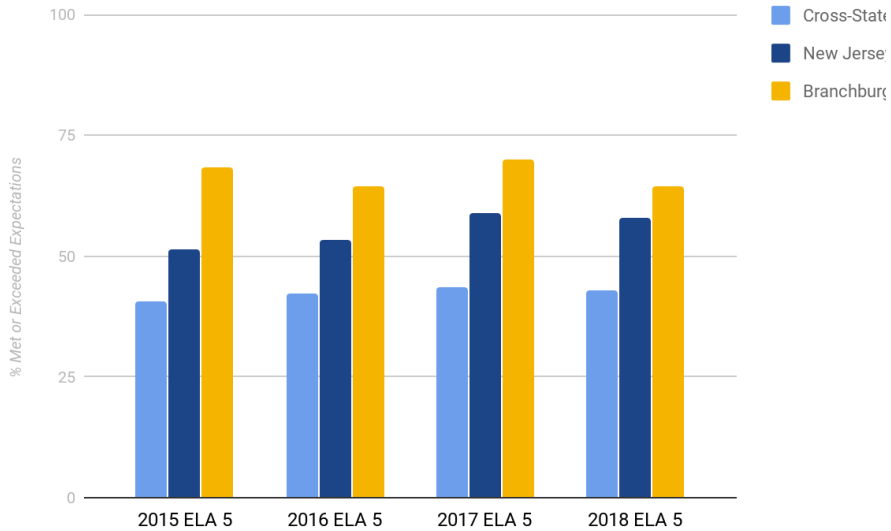
Grade 4 ELA



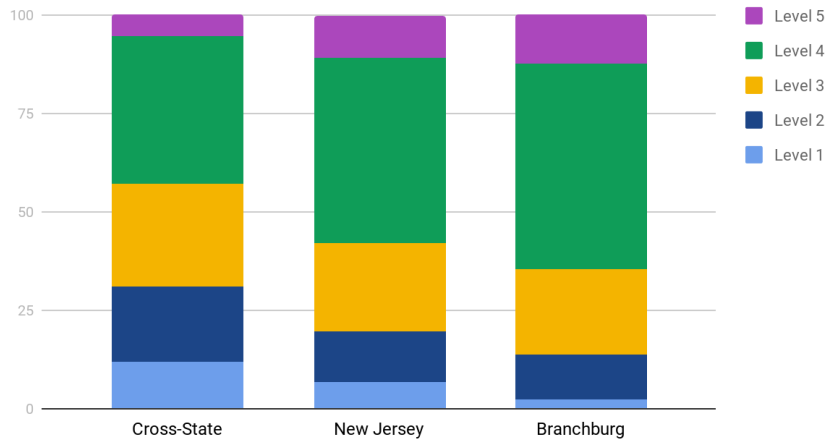
Grade 4 Mathematics



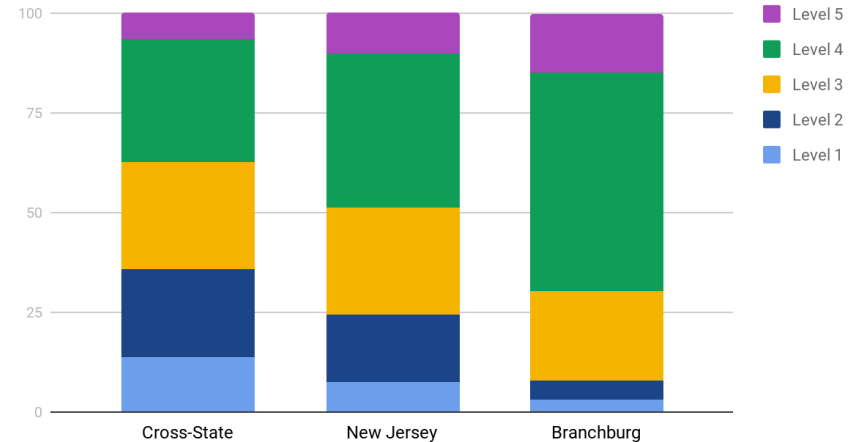
# 2015 - 2018 PARCC Comparison Grade 5



## Grade 5 ELA

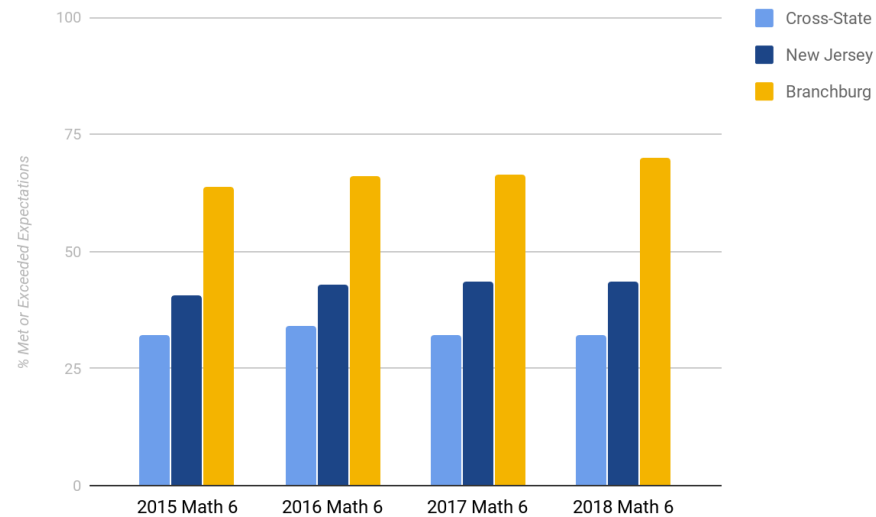
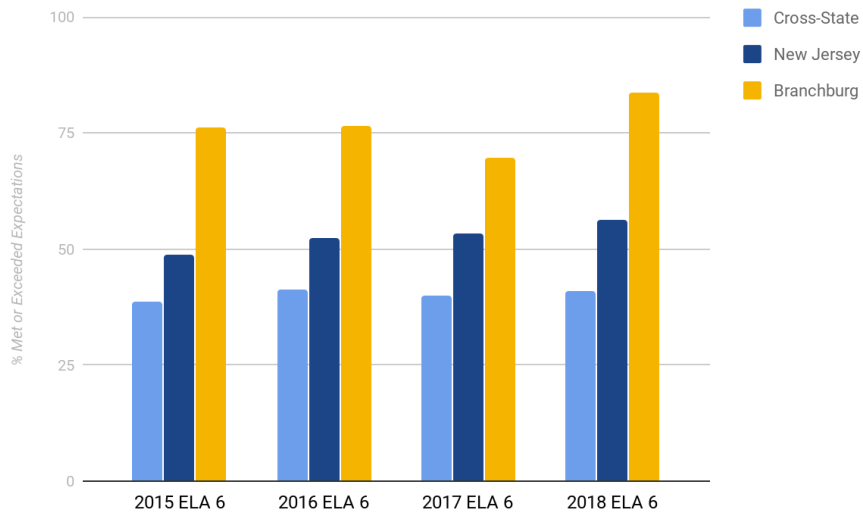


## Grade 5 Mathematics

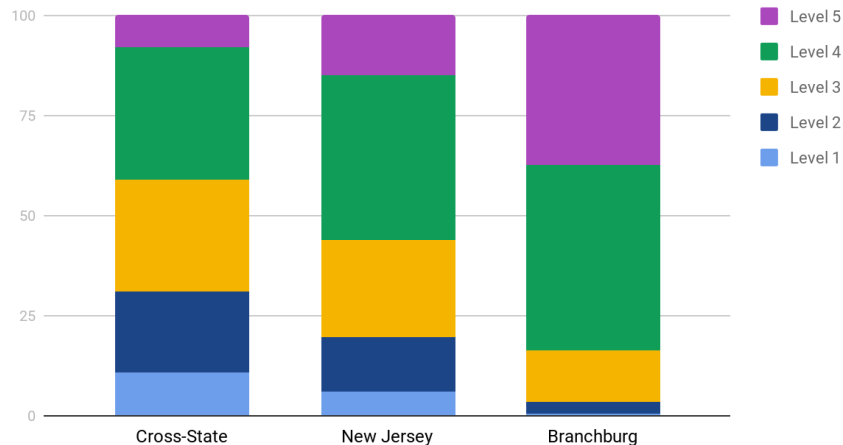




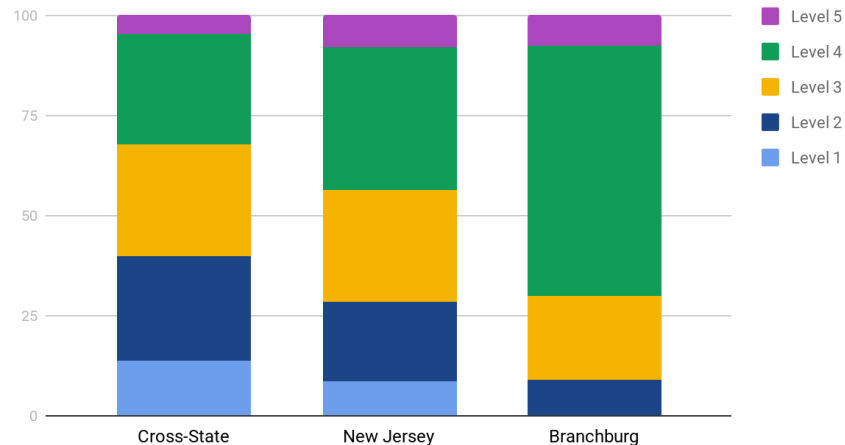
# 2015 - 2018 PARCC Comparison Grade 6



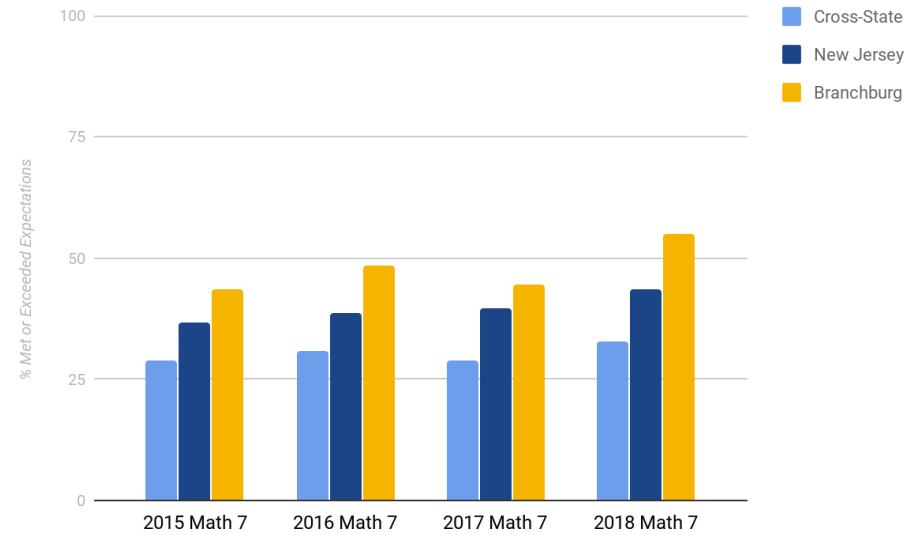
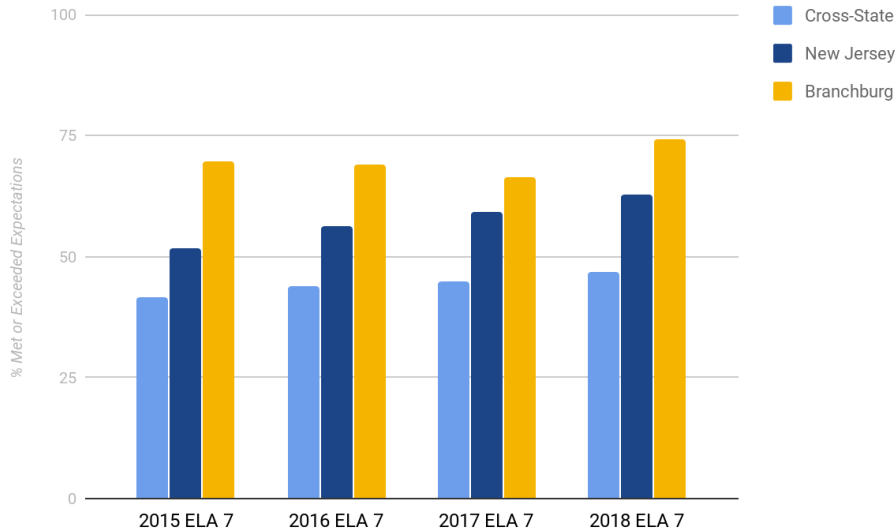
Grade 6 ELA



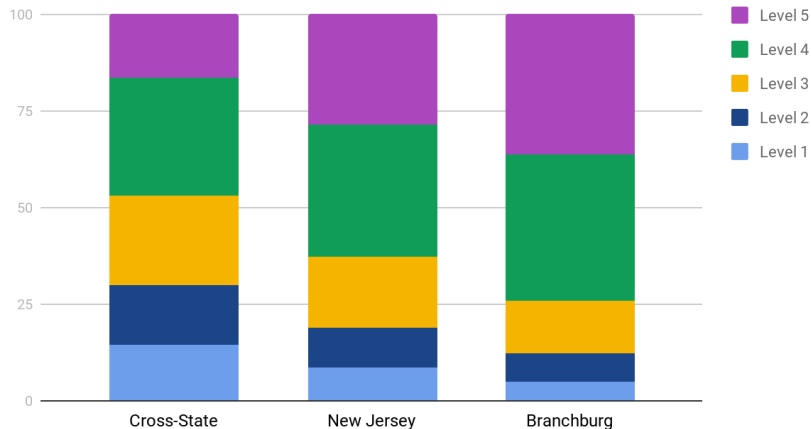
Grade 6 Mathematics



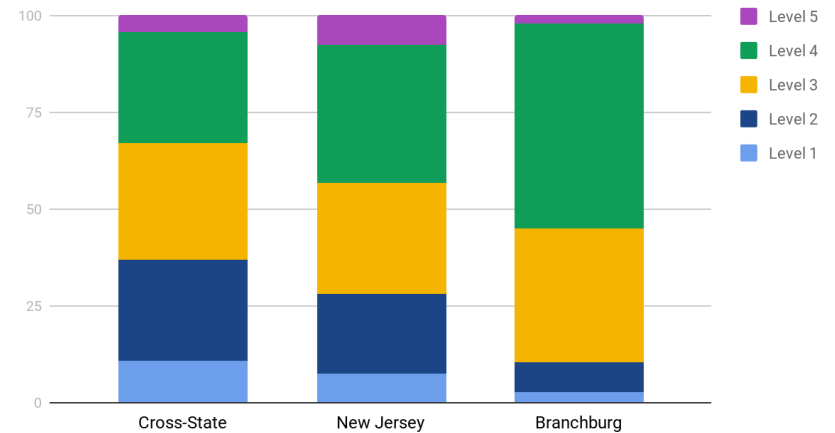
# 2015 - 2018 PARCC Comparison Grade 7



## Grade 7 ELA

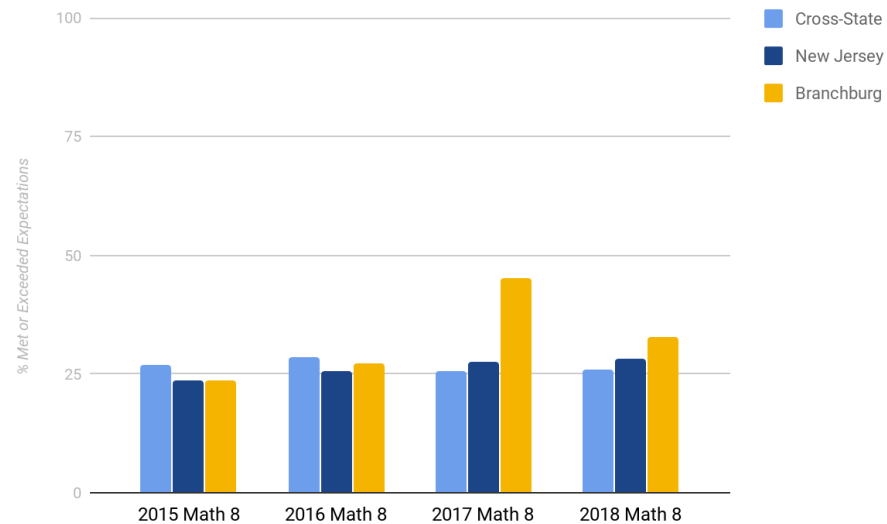
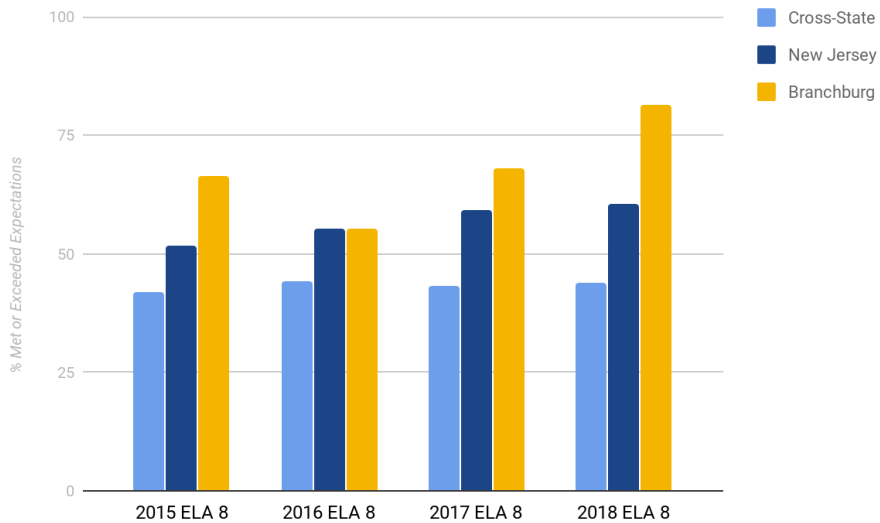


## Grade 7 Mathematics

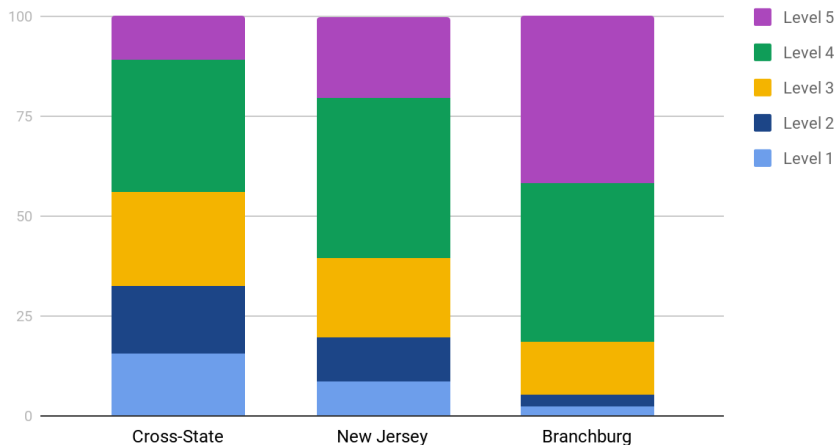


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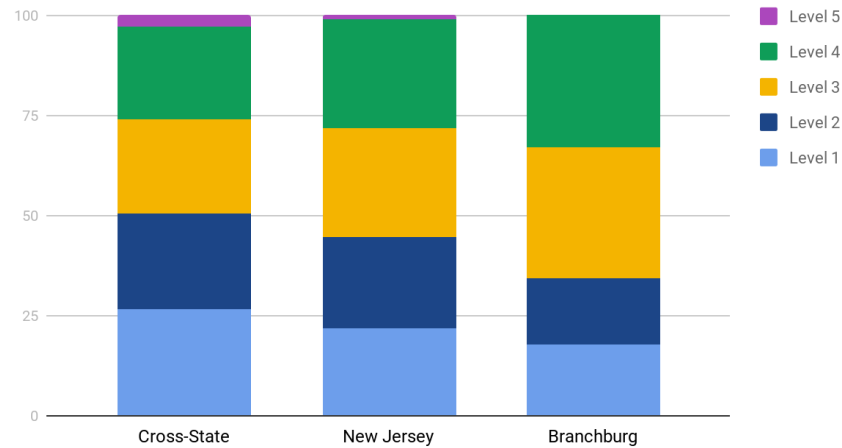
# 2015 - 2018 PARCC Comparison Grade 8



## Grade 8 ELA

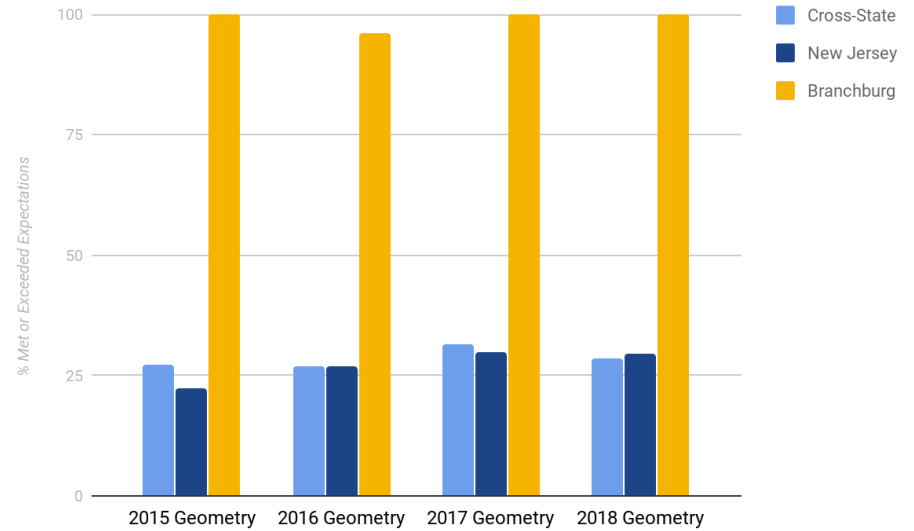
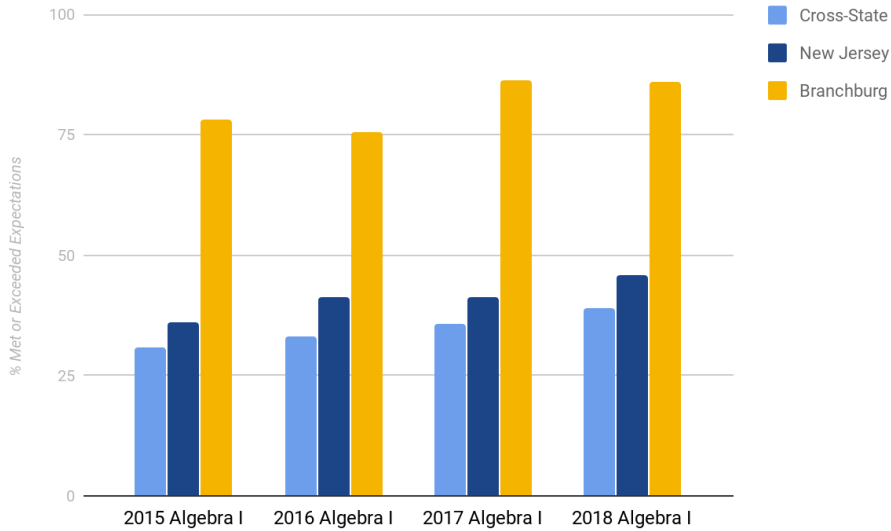


## Grade 8 Mathematics

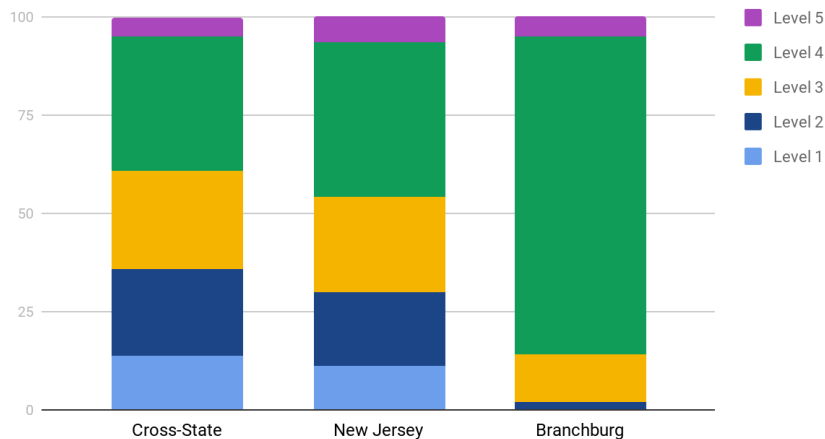


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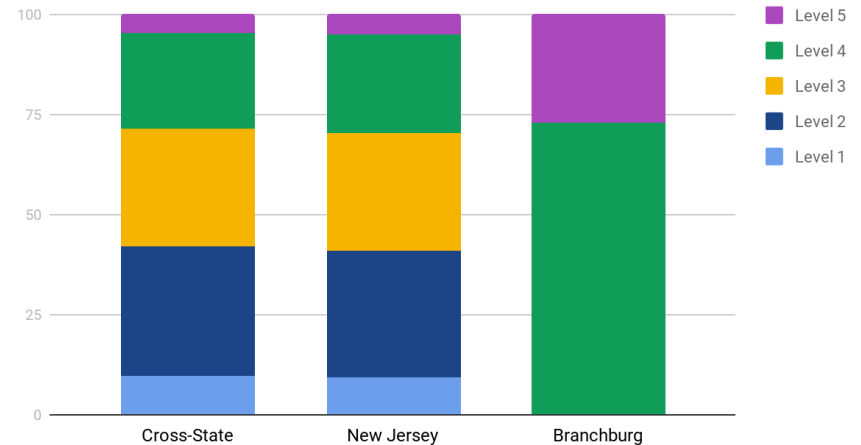
# 2015 - 2018 PARCC Comparison Algebra I & Geometry



## Algebra I

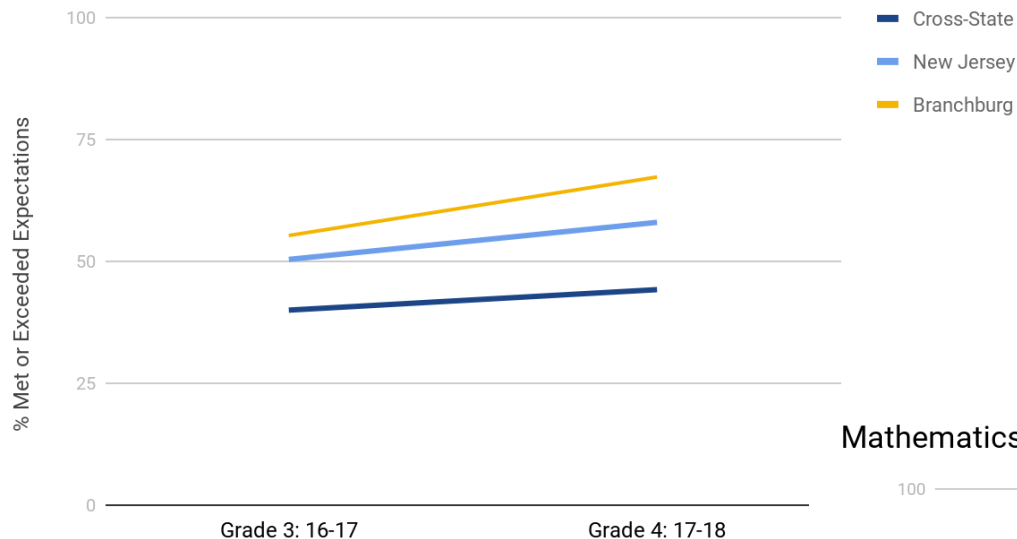


## Geometry

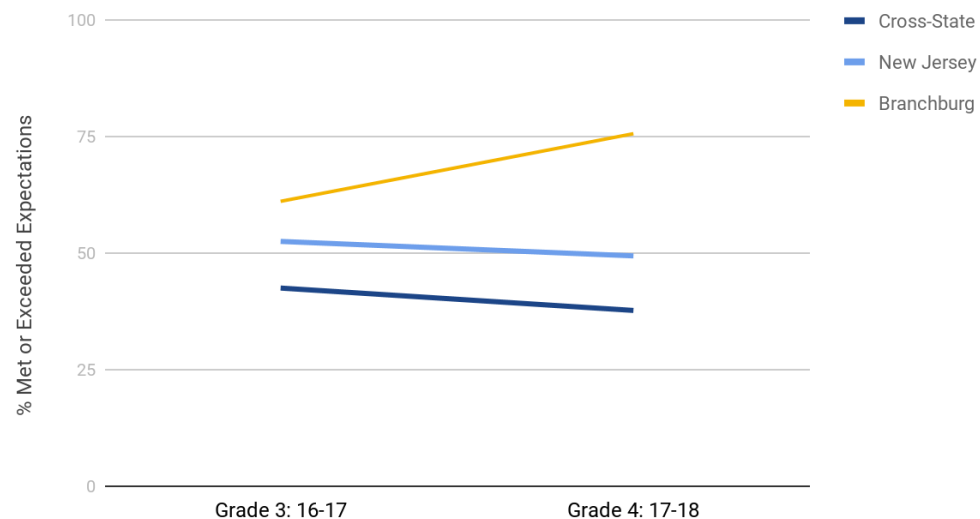


# Longitudinal Comparison of Branchburg's Class of 2022 Cohort Spring PARCC Scores, Level 4+

## English Language Arts/Literacy

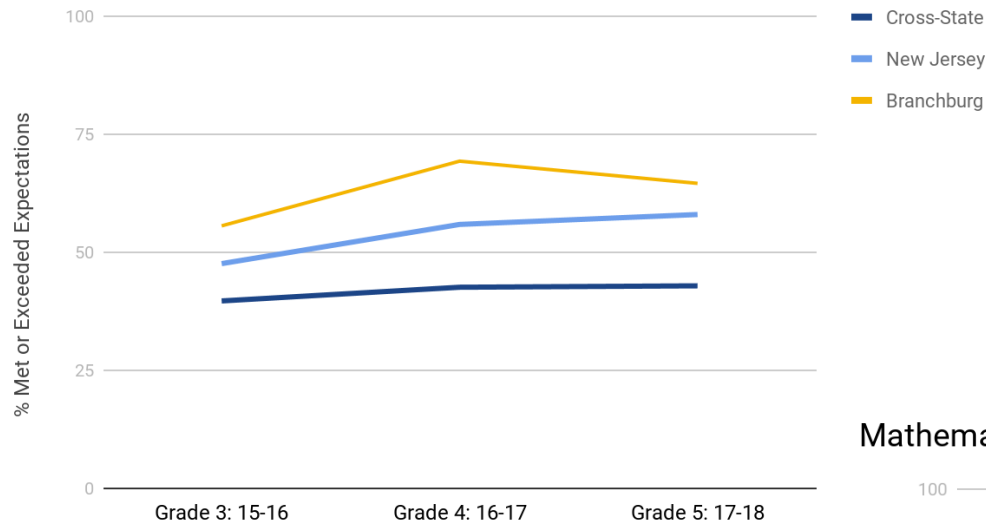


## Mathematics

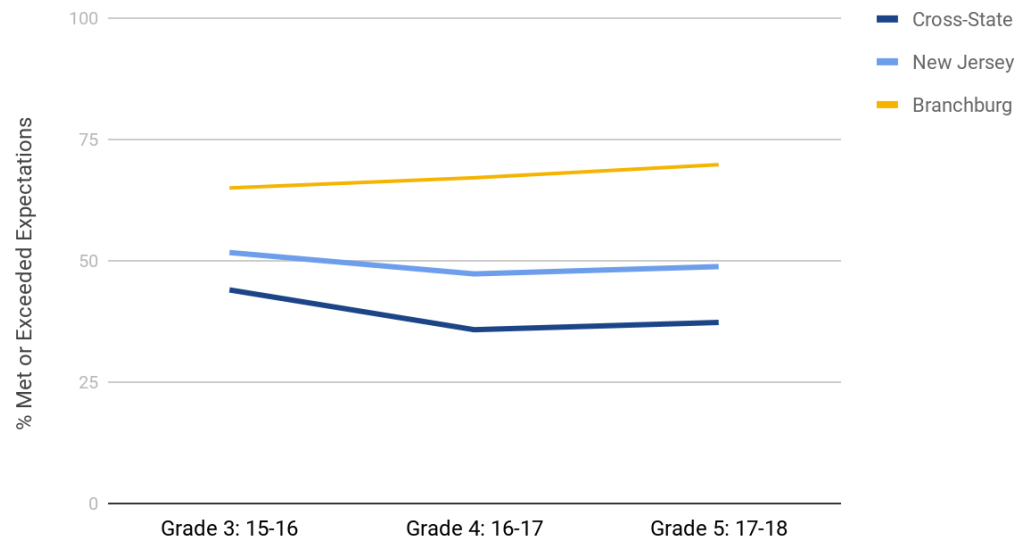


# Longitudinal Comparison of Branchburg's Class of 2021 Cohort Spring PARCC Scores, Level 4+

## English Language Arts/Literacy

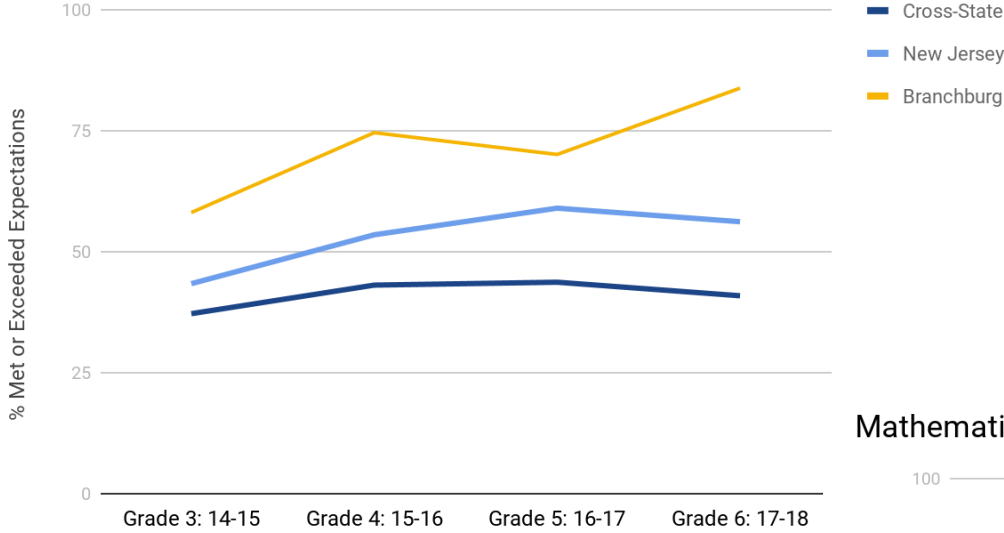


## Mathematics

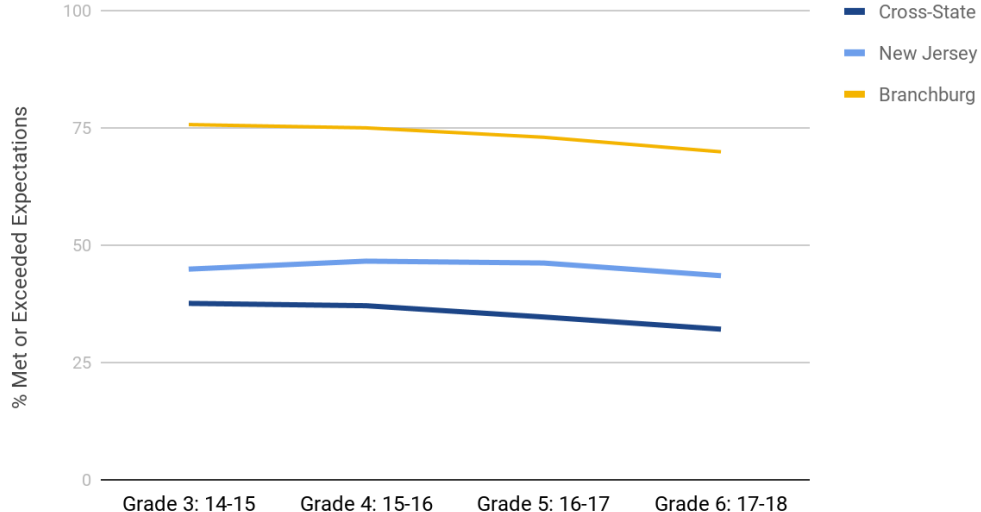


# Longitudinal Comparison of Branchburg's Class of 2020 Cohort Spring PARCC Scores, Level 4+

## English Language Arts/Literacy

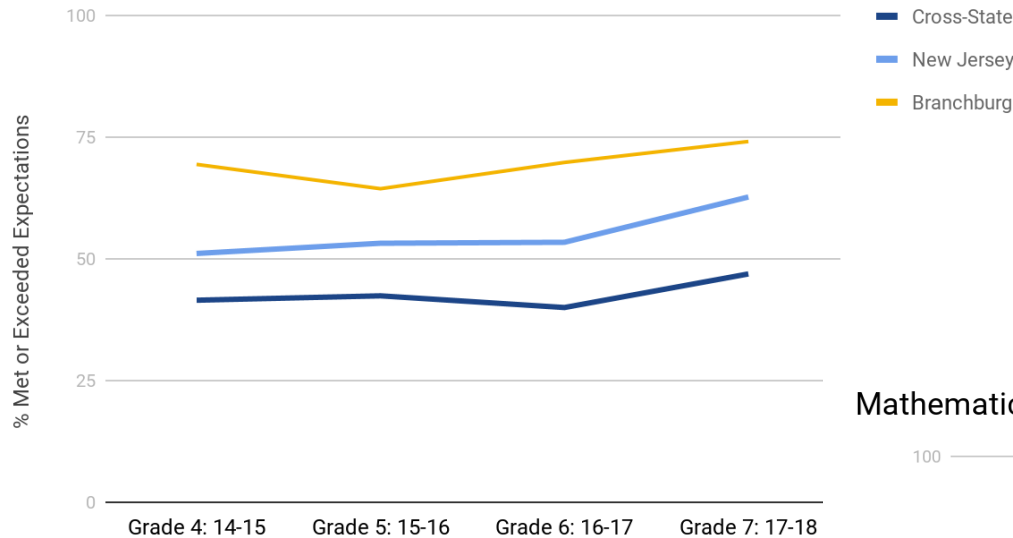


## Mathematics

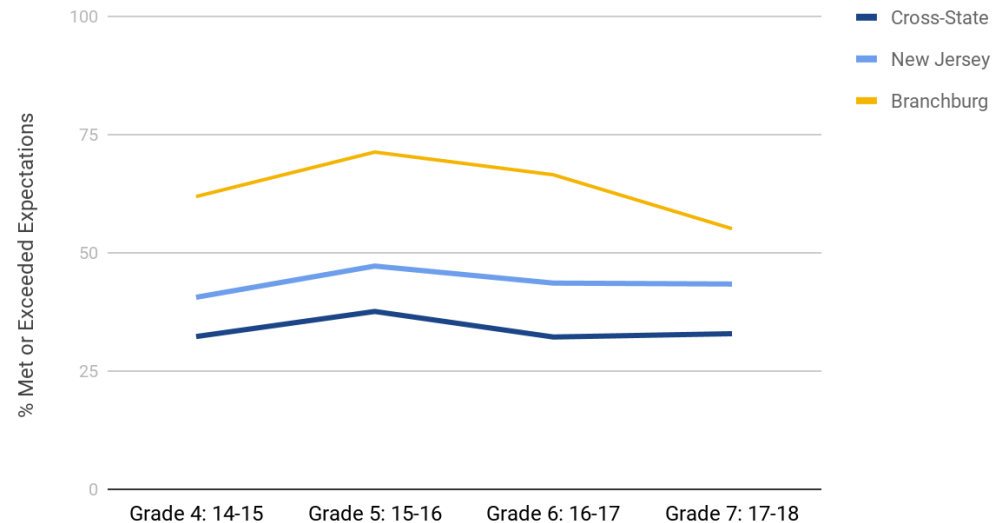


# Longitudinal Comparison of Branchburg's Class of 2019 Cohort Spring PARCC Scores, Level 4+

## English Language Arts/Literacy



## Mathematics

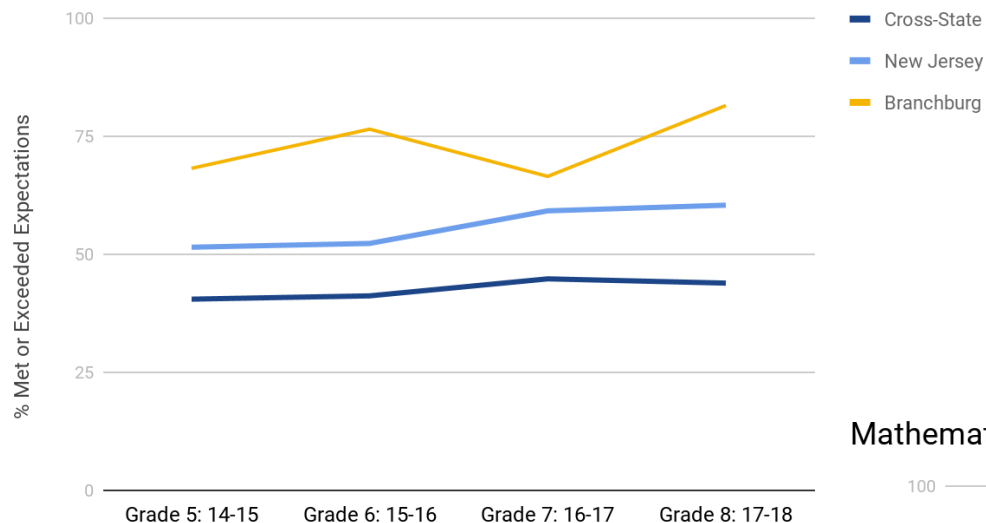


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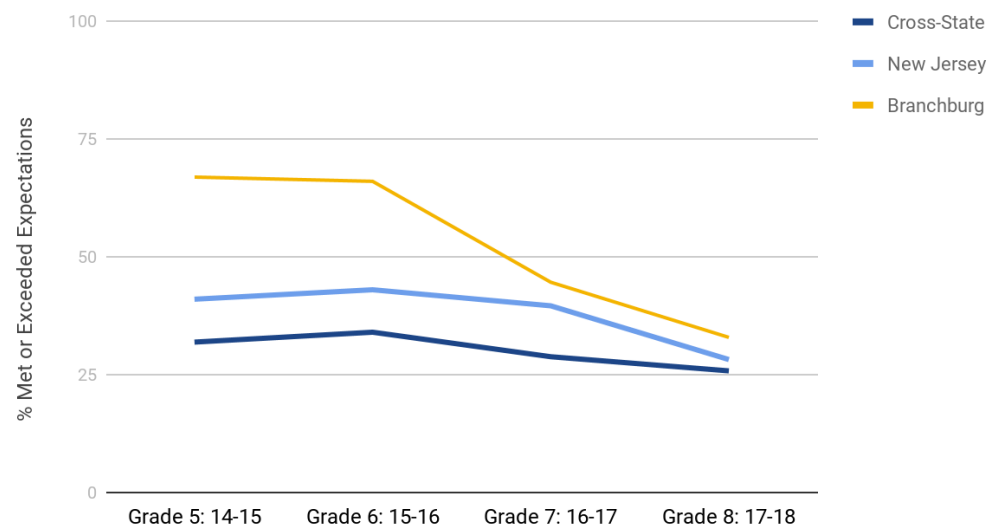


# Longitudinal Comparison of Branchburg's Class of 2018 Cohort Spring PARCC Scores, Level 4+

## English Language Arts/Literacy

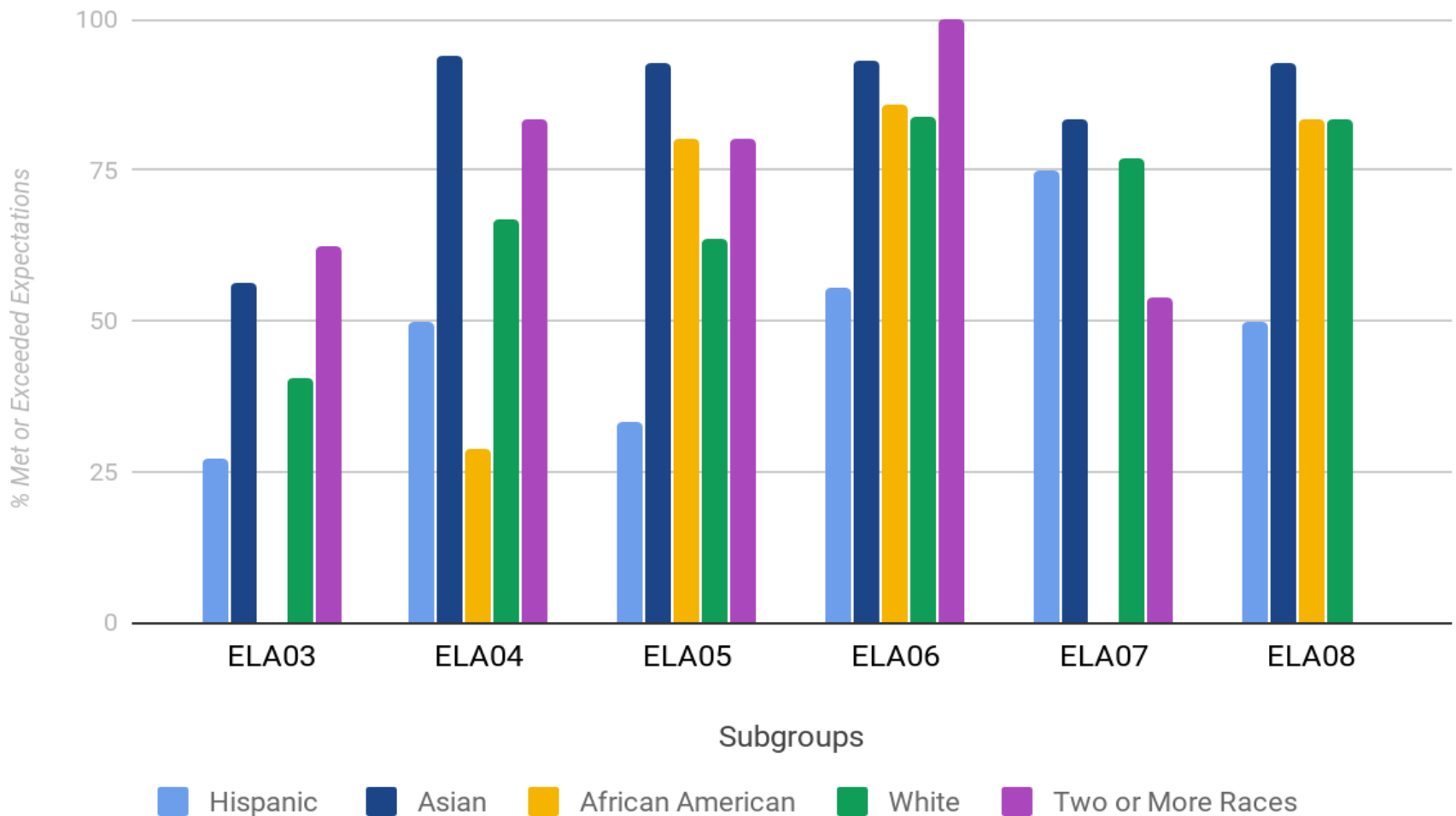


## Mathematics

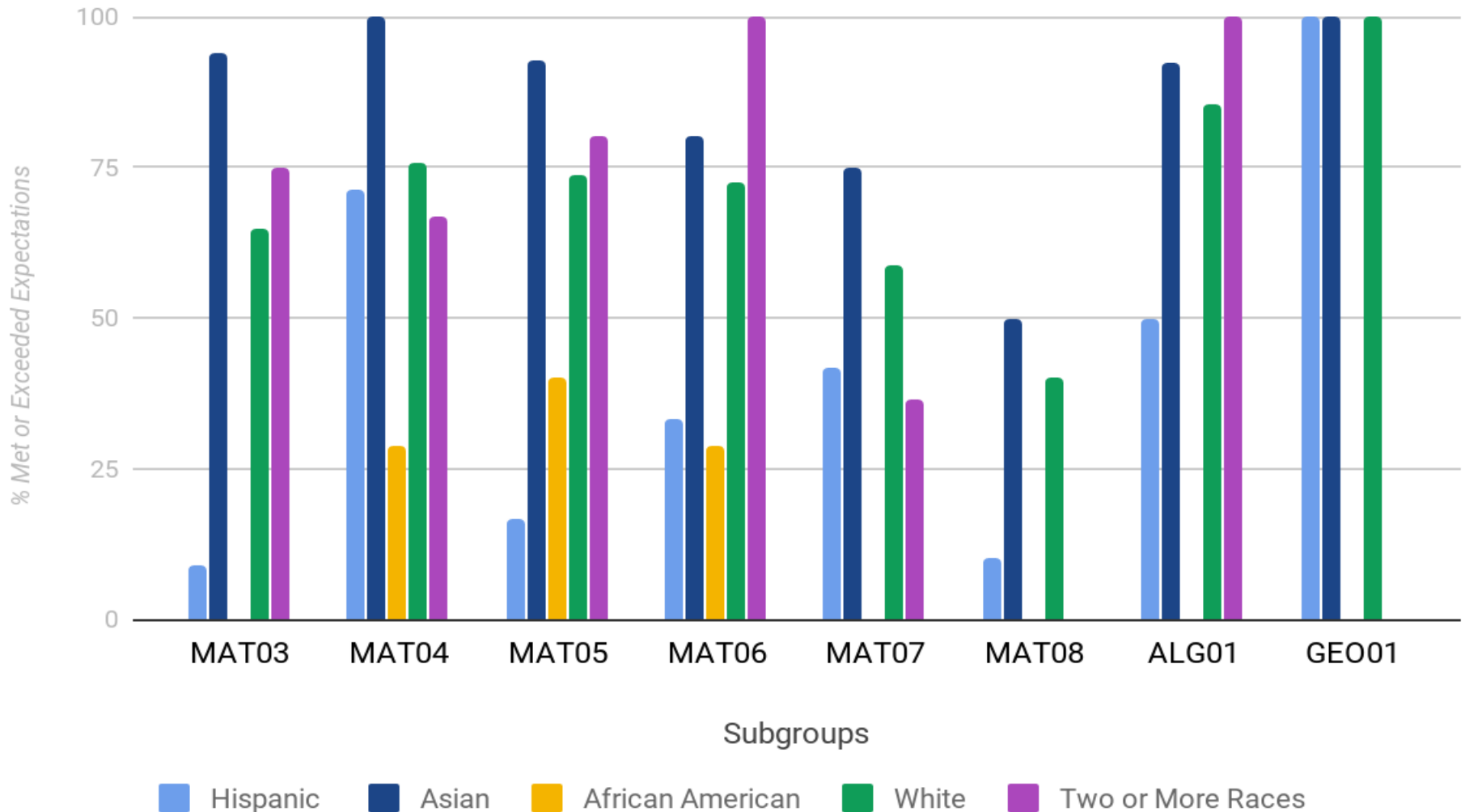


\*Some students in grade 7 & 8 participated in the PARCC Algebra I or Geometry assessments in place of the 7<sup>th</sup> & 8<sup>th</sup> grade Math assessments. Thus, PARCC Math 7 & 8 outcomes are not representative of grade 7 & 8 performance as a whole.

# Performance of Branchburg's Ethnicity Subgroups 2018 Spring PARCC English Language Arts/Literacy



# Performance of Branchburg's Ethnicity Subgroups 2018 Spring PARCC Mathematics



# Branchburg's 2018 Spring PARCC English Language Arts/Literacy Results Students with Disabilities Subgroup

	Count of Valid Test Scores	Not Yet Meeting Expectations (Level 1)	Partially Meeting Expectations (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	District % of students at Level 4 & 5
<b>Grade 3</b>	19	42.1%	15.8%	21.0%	21.0%	0.0%	<b>21.0%</b>
<b>Grade 4</b>	28	14.3%	28.6%	25.0%	25.0%	7.1%	<b>32.1%</b>
<b>Grade 5</b>	40	7.5%	27.5%	42.5%	20.0%	2.5%	<b>22.5%</b>
<b>Grade 6</b>	22	4.5%	9.0%	22.7%	45.5%	18.2%	<b>63.7%</b>
<b>Grade 7</b>	37	18.9%	27.0%	24.3%	16.2%	13.5%	<b>29.7%</b>
<b>Grade 8</b>	44	9.0%	6.8%	29.5%	40.9%	13.6%	<b>54.5%</b>



# Challenges

- Understanding the reasons for the low scores in third grade so that we can support student learning more specifically for current third and fourth grade students.
- Understanding the reasons for the low scores for our Students with Disabilities so that curriculum adjustments can be made.
- Analysis of aggregate and disaggregate data from Link-It to review the connections of student performance across PARCC, MAP and in-district assessments.
- Utilizing District Evidence Statements to monitor trends across specific standards

# Successes

- Branchburg PARCC scores continue to be above NJ State averages (data from “like” groups is not shared by the State). Third grade LA is an exception to this for 2018.
- Advanced math students are meeting with very high levels of success.
- Multi-year data will allow for more accurate trend analysis and the ability to correct our course where needed.
- Strong plan already in place to support our Students with Disabilities
- Greater alignment of Student Growth Objectives to standardized norms.

# PARCC Updates for the 2018-2019 School Year

On July 10, 2018, the NJDOE shared short and long-term changes to advance a transition to the next generation assessment.

Immediate changes that affect Branchburg students and staff include:

- A reduction in the length of the testing for all grades by 25%
- A reduction in the weight of the assessment on teacher evaluations

Type of Educator	Old Evaluation Component Weights	New Evaluation Component Weighting
mSGP Teacher	- Teacher Practice: 55% - SGO: 15% - mSGP: 30%	- Teacher Practice: 70% - SGO: 25% - mSGP: 5%
Non-mSGP Teacher	- Teacher Practice: 85% - SGO: 15%	- Teacher Practice: 85% - SGO: 15%

Graduation requirements remain the same:

- Passing Algebra I and ELA 10 assessments



# 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/)

How Did xxxx Perform Overall?

**Performance Level 3**

