

# PARCC Results: Spring 2018 Administrations

Millburn Township Public Schools  
September 24, 2018

Measuring  
College and  
Career  
Readiness

# NEW JERSEY'S STATEWIDE ASSESSMENT PROGRAM

- 2018 marks the 4th administration of the Partnership for Assessment of Readiness for College and Careers (PARCC) and a continued opportunity to compare data over time.
- 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.

# Why Do Standardized Assessments Matter?

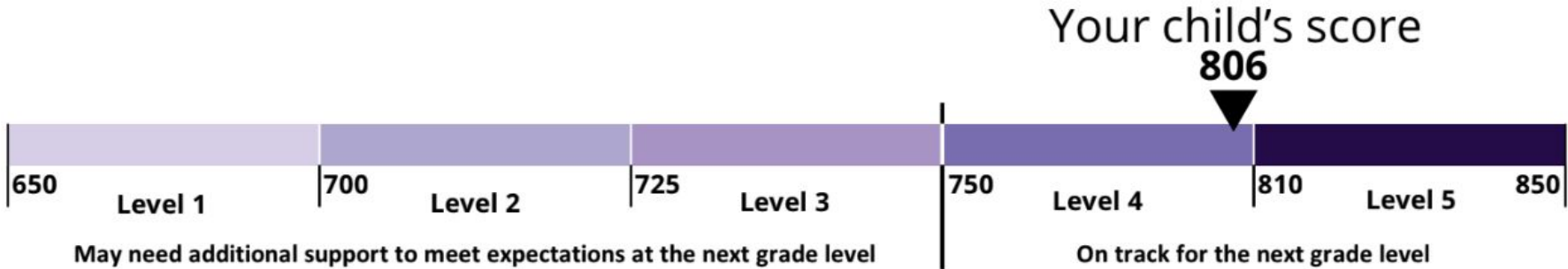
- PARCC is one of many summative data sources we use to give us more instructional information on each student.
- PARCC gives parents and schools an indicator, on a continuum, about whether or not students are meeting grade-level expectations and therefore on track to becoming college and career ready.
- PARCC gives school districts feedback on how well aligned to the NJ Student Learning Standards curriculum and instructional practices are.
- PARCC places our students' achievement in a broader context by comparing performance data with other students both across NJ and other PARCC states.

See side 2 of this report for specific information on your child's performance in reading and writing.

## How Did Perform Overall?

**Performance Level 4**

- Level 5** Exceeded Expectations
- Level 4** Met Expectations
- Level 3** Approached Expectations
- Level 2** Partially Met Expectations
- Level 1** Did Not Yet Meet Expectations



# PARCC ASSESSMENT 2018

## English Language Arts Literacy

- Demonstrating comprehension of literary and informational texts
- Writing essays drawing evidence from sources, including multimedia, some comprehension
- Reading strands assessed:
  - Literary
  - Information
  - Vocabulary
- Writing strands assessed:
  - Expression
  - Conventions

## Mathematics

- Solving multi-step problems that require reasoning and address real world situations
- Demonstrating understanding of concepts and procedures and carrying out short applications
- Math strands assessed:
  - Major Content
  - Supporting Content
  - Reasoning
  - Modeling

# 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

# Comparison of Millburn's Spring 2018 PARCC Administrations English Language Arts/Literacy to New Jersey Percentages for 2018

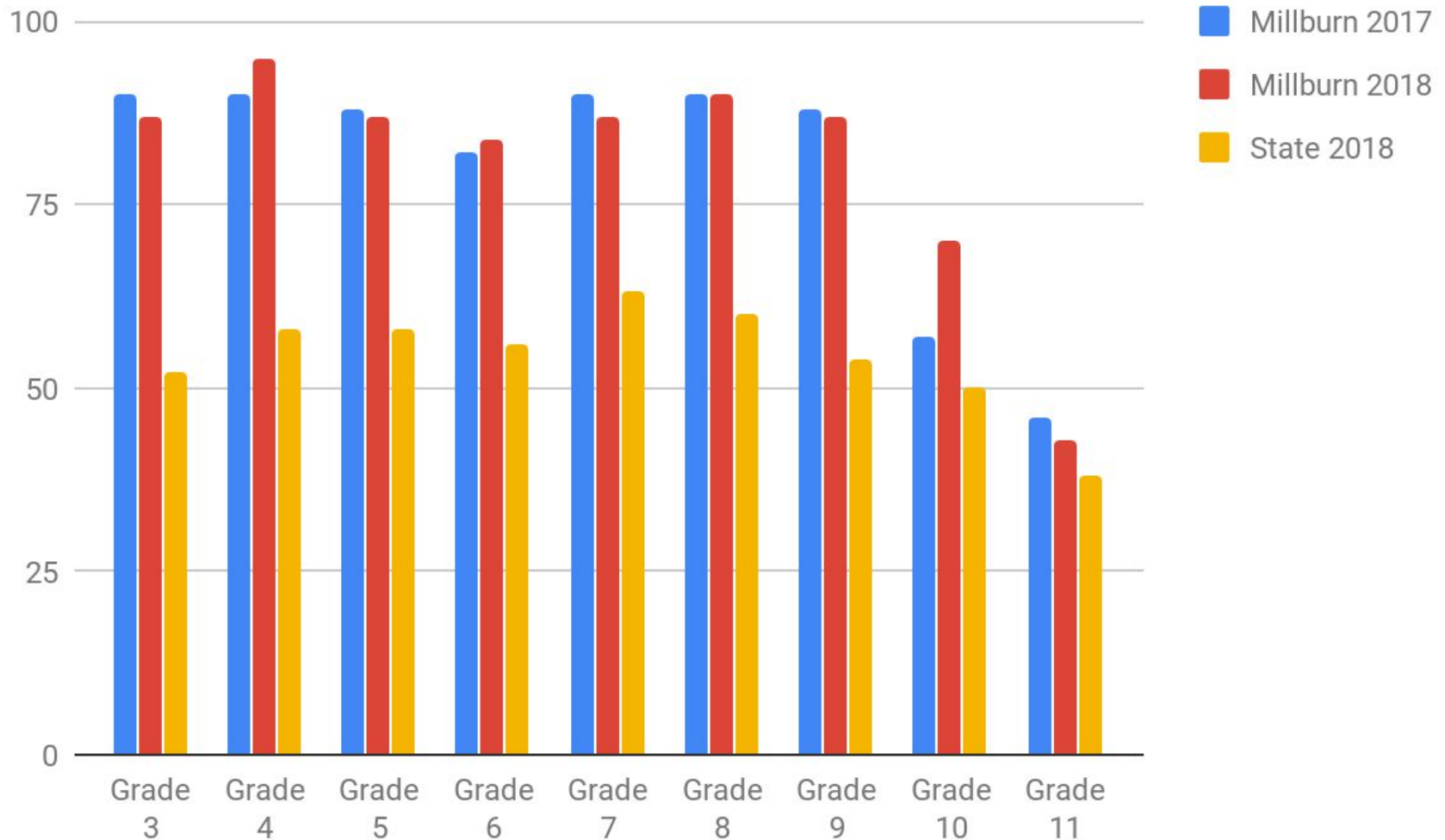
| Grade | Level 1,<br>District | Level 1,<br>State | Level 2,<br>District | Level 2,<br>State | Level 3,<br>District | Level 3,<br>State | Level 4,<br>District | Level 4,<br>State | Level 5,<br>District | Level 5,<br>State |
|-------|----------------------|-------------------|----------------------|-------------------|----------------------|-------------------|----------------------|-------------------|----------------------|-------------------|
| 3     | .5                   | 13.5              | 2.4                  | 13.5              | 10.3                 | 21.4              | 59.7                 | 43.5              | 27                   | 8.1               |
| 4     | .3                   | 7.6               | 1.3                  | 12.3              | 3.5                  | 22.1              | 39.7                 | 39.1              | 55.3                 | 18.9              |
| 5     | .9                   | 6.9               | 1.8                  | 12.6              | 10.6                 | 22.4              | 62.2                 | 47.2              | 24.5                 | 10.8              |
| 6     | 1.2                  | 6.2               | 2.9                  | 13.6              | 12.5                 | 24.0              | 53.1                 | 41.3              | 30.3                 | 14.9              |
| 7     | .8                   | 8.6               | 2.4                  | 10.2              | 9.6                  | 18.5              | 29.7                 | 34.1              | 57.5                 | 28.6              |
| 8     | .8                   | 8.7               | 2.3                  | 11.1              | 7.4                  | 19.8              | 36.5                 | 39.9              | 53.0                 | 20.4              |
| 9     | .9                   | 11.7              | 2.2                  | 12.4              | 9.5                  | 21.2              | 41.5                 | 38.4              | 45.8                 | 16.3              |
| 10    | 6.3                  | 17.2              | 5.4                  | 12.6              | 18.8                 | 19.2              | 43.8                 | 32.5              | 25.9                 | 18.5              |
| 11*   | 33.3                 | 22.2              | 19                   | 16.5              | 4.8                  | 22.4              | 38.1                 | 29.7              | 4.8                  | 9.2               |



\*Grade 11 may not include students who took an AP test.

Notes: Percentages may not total 100 due to rounding.

# ELA Scores Greater Than or Equal to Level 4 Met or Exceeded Expectations





# Quality Feedback?



"I'm going to need some more feedback on my summative assessment!"

# ENGLISH LANGUAGE ARTS PERFORMANCE SPECIFICS

| Elementary ELA Meeting or Exceeding Expectation | Reading: Literary | Reading: Information | Reading: Vocabulary | Writing: Expression | Writing: Conventions |
|---|-------------------|----------------------|---------------------|---------------------|----------------------|
| <b>Millburn Grade 3</b>                         | <b>92%</b>        | <b>90%</b>           | <b>93%</b>          | <b>97%</b>          | <b>96%</b>           |
| State Grade 3                                   | 59%               | 65%                  | 70%                 | 74%                 | 75%                  |
| <b>Millburn Grade 4</b>                         | <b>97%</b>        | <b>96%</b>           | <b>97%</b>          | <b>99%</b>          | <b>98%</b>           |
| State Grade 4                                   | 75%               | 71%                  | 76%                 | 78%                 | 85%                  |
| <b>Millburn Grade 5</b>                         | <b>94%</b>        | <b>92%</b>           | <b>93%</b>          | <b>95%</b>          | <b>98%</b>           |
| State Grade 5                                   | 77%               | 73%                  | 73%                 | 80%                 | 80%                  |
| MMS ELA Meeting or Exceeding Expectation        | Reading: Literary | Reading: Information | Reading: Vocabulary | Writing: Expression | Writing: Conventions |
| <b>Millburn Grade 6</b>                         | <b>96%</b>        | <b>94%</b>           | <b>88%</b>          | <b>91%</b>          | <b>95%</b>           |
| State Grade 6                                   | 75%               | 76%                  | 70%                 | 77%                 | 81%                  |
| <b>Millburn Grade 7</b>                         | <b>93%</b>        | <b>93%</b>           | <b>92%</b>          | <b>96%</b>          | <b>96%</b>           |
| State Grade 7                                   | 74%               | 76%                  | 73%                 | 82%                 | 83%                  |
| <b>Millburn Grade 8</b>                         | <b>94%</b>        | <b>94%</b>           | <b>94%</b>          | <b>96%</b>          | <b>95%</b>           |
| State Grade 8                                   | 75%               | 73%                  | 68%                 | 80%                 | 81%                  |

# ENGLISH LANGUAGE ARTS PERFORMANCE SPECIFICS

| MHS ELA Meeting or Exceeding Expectation | Reading: Literary | Reading: Information | Reading: Vocabulary | Writing: Expression | Writing: Conventions |
|--|-------------------|----------------------|---------------------|---------------------|----------------------|
| <b>Millburn Grade 9</b>                  | <b>97%</b>        | <b>96%</b>           | <b>92%</b>          | <b>97%</b>          | <b>97%</b>           |
| State Grade 9                            | 74%               | 74%                  | 70%                 | 75%                 | 75%                  |
| <b>Millburn Grade 10</b>                 | <b>81%</b>        | <b>81%</b>           | <b>85%</b>          | <b>85%</b>          | <b>85%</b>           |
| State Grade 10                           | 65%               | 65%                  | 65%                 | 64%                 | 68%                  |
| <b>Millburn Grade 11</b>                 | <b>48%</b>        | <b>56%</b>           | <b>67%</b>          | <b>43%</b>          | <b>52%</b>           |
| State Grade 11                           | 60%               | 57%                  | 61%                 | 55%                 | 56%                  |

# Comparison of Millburn's Spring 2018 PARCC Administrations Mathematics to New Jersey - Percentages for 2018

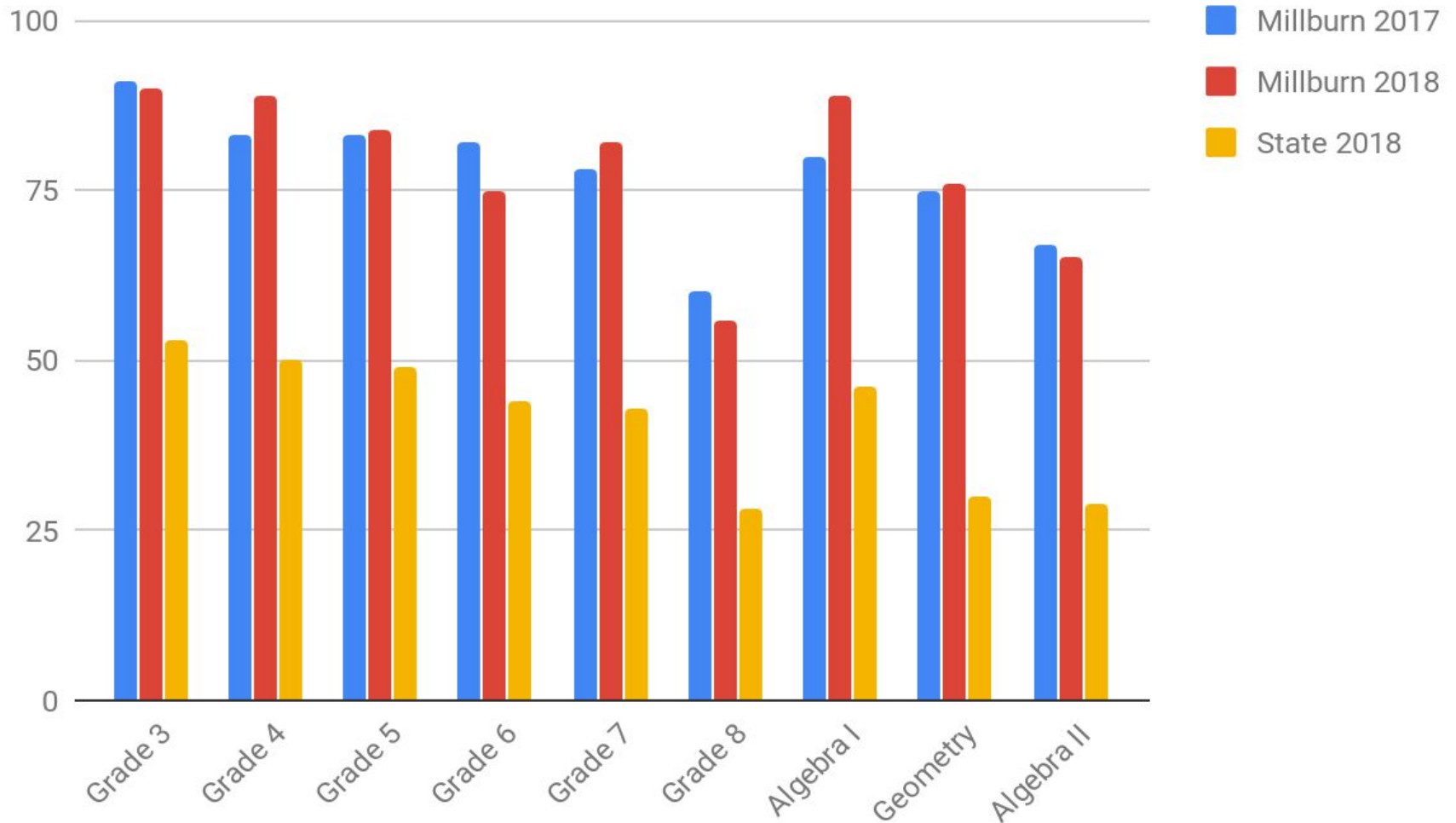
| Grade      | Level 1,<br>District | Level 1,<br>State | Level 2,<br>District | Level 2,<br>State | Level 3,<br>District | Level 3,<br>State | Level 4,<br>District | Level 4,<br>State | Level 5,<br>District | Level 5,<br>State |
|------------|----------------------|-------------------|----------------------|-------------------|----------------------|-------------------|----------------------|-------------------|----------------------|-------------------|
| 3          | 0                    | 8.0               | 1.6                  | 15.3              | 8.8                  | 23.7              | 48                   | 37.8              | 41.6                 | 15.2              |
| 4          | .3                   | 7.5               | 2.8                  | 16.8              | 8.5                  | 26.3              | 61.8                 | 41.8              | 26.8                 | 7.6               |
| 5          | 1.1                  | 7.5               | 3.9                  | 17.0              | 10.8                 | 26.7              | 52.6                 | 38.5              | 31.6                 | 10.4              |
| 6          | 1.2                  | 8.5               | 4.3                  | 20.1              | 19.7                 | 27.9              | 54.5                 | 35.6              | 20.3                 | 7.9               |
| 7          | 1.9                  | 7.7               | 2.7                  | 20.4              | 13.2                 | 28.6              | 49.6                 | 36.0              | 32.6                 | 7.4               |
| 8*         | 6.7                  | 22.0              | 11.9                 | 22.7              | 25.4                 | 27.1              | 55.2                 | 27.2              | .7                   | 1.0               |
| Algebra I  | .3                   | 11.3              | 1.4                  | 18.6              | 9.5                  | 24.3              | 61.9                 | 39.3              | 26.9                 | 6.5               |
| Algebra II | 11.1                 | 31.0              | 6.7                  | 22.4              | 17.8                 | 18.0              | 42.2                 | 24.6              | 22.2                 | 4.0               |
| Geometry   | .8                   | 9.4               | 8.7                  | 31.5              | 14.4                 | 29.6              | 52.9                 | 24.6              | 23.2                 | 4.9               |



\*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.

Notes: Percentages may not total 100 due to rounding.

# Math Scores Greater Than or Equal to Level 4 Met or Exceeded Expectations



# MATHEMATICS PERFORMANCE SPECIFICS

| Elementary Math Meeting or Exceeding Expectation | Major Content | Supporting Content | Reasoning  | Modeling   |
|--|---------------|--------------------|------------|------------|
| <b>Millburn Grade 3</b>                          | <b>97%</b>    | <b>95%</b>         | <b>97%</b> | <b>96%</b> |
| State Grade 3                                    | 76%           | 76%                | 77%        | 71%        |
| <b>Millburn Grade 4</b>                          | <b>97%</b>    | <b>97%</b>         | <b>93%</b> | <b>93%</b> |
| State Grade 4                                    | 77%           | 71%                | 69%        | 59%        |
| <b>Millburn Grade 5</b>                          | <b>93%</b>    | <b>91%</b>         | <b>89%</b> | <b>92%</b> |
| State Grade 5                                    | 76%           | 68%                | 70%        | 68%        |
| MMS Math Meeting or Exceeding Expectation        | Major Content | Supporting Content | Reasoning  | Modeling   |
| <b>Millburn Grade 6</b>                          | <b>94%</b>    | <b>88%</b>         | <b>89%</b> | <b>87%</b> |
| State Grade 6                                    | 72%           | 70%                | 69%        | 61%        |
| <b>Millburn Grade 7</b>                          | <b>94%</b>    | <b>90%</b>         | <b>95%</b> | <b>91%</b> |
| State Grade 7                                    | 72%           | 70%                | 72%        | 61%        |
| <b>Millburn Grade 8</b>                          | <b>79%</b>    | <b>76%</b>         | <b>78%</b> | <b>78%</b> |
| State Grade 8                                    | 54%           | 54%                | 53%        | 56%        |

# MATHEMATICS PERFORMANCE SPECIFICS

| MHS Math Meeting or Exceeding Expectation | Major Content | Supporting Content | Reasoning  | Modeling   |
|---|---------------|--------------------|------------|------------|
| <b>Millburn Algebra 1</b>                 | <b>98%</b>    | <b>94%</b>         | <b>94%</b> | <b>94%</b> |
| State Algebra 1                           | 74%           | 66%                | 66%        | 54%        |
| <b>Millburn Algebra 2</b>                 | <b>82%</b>    | <b>71%</b>         | <b>74%</b> | <b>80%</b> |
| State Algebra 2                           | 50%           | 50%                | 45%        | 47%        |
| <b>Millburn Geometry</b>                  | <b>90%</b>    | <b>93%</b>         | <b>89%</b> | <b>87%</b> |
| State Geometry                            | 61%           | 60%                | 42%        | 48%        |

# Comparison of Millburn's Number of Students Tested Spring 2017 & Spring 2018 PARCC Administrations

| Grade           | Parent Refusals<br>2018 | Parent Refusals 2017 |
|-----------------|-------------------------|----------------------|
| 3               | 5                       | 8                    |
| 4               | 9                       | 7                    |
| 5               | 8                       | 9.5                  |
| 6               | 6                       | 15                   |
| 7               | 14                      | 15                   |
| 8               | 1                       | 15                   |
| ELA 9           | 0                       | <b>Grade 9</b> 16    |
| ELA 10          | 251                     | <b>Grade 10</b> 167  |
| ELA 11          | 249                     | <b>Grade 11</b> 252  |
| Algebra I - MHS | 1                       |                      |
| Geometry        | 61                      |                      |
| Algebra II      | 303                     |                      |

\*Grade 11 may not include students who took an AP test.

Note: "Students Tested" represents individual valid test scores.



# What's the Future of PARCC Assessments



# Key Takeaways

- We continue to perform well and far exceed state averages.
- We may be able to benefit from digging deeper into the data so that we are looking at standards rather than averages.
- We can continue to review released and scored items to guide a discussion about interpretations of the NJ Student Learning Standards and what their implementation looks like at the classroom and instructional level.

# Questions & Contact Info



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