

**PARCC Results:  
Spring 2017  
Administration**

**Bloomfield Township  
School District  
BOE Presentation  
September 12, 2017**

**Measuring  
College and  
Career  
Readiness**

**Prepared by:  
Joanne Decker  
Director of  
Student  
Achievement**

**Board Meeting  
of 9/12/17**

# NEW JERSEY'S STATEWIDE ASSESSMENT PROGRAM

- 2017 marks the 3rd administration of the Partnership for Assessment of Readiness for College and Careers (PARCC).
- 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.

# 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 BLOOMFIELD SCHOOL DISTRICT STUDENTS TESTED  
 SPRING 2015, SPRING 2016 AND SPRING 2017  
 PARCC ADMINISTRATIONS  
 ENGLISH LANGUAGE ARTS/LITERACY**

|              | Students Tested |             |             | Increase from<br>2015 to 2017 |
|--------------|-----------------|-------------|-------------|-------------------------------|
|              | 2015            | 2016        | 2017        |                               |
| Grade 3      | 407             | 486         | 478         |                               |
| Grade 4      | 436             | 430         | 481         |                               |
| Grade 5      | 440             | 435         | 443         |                               |
| Grade 6      | 404             | 453         | 448         |                               |
| Grade 7      | 402             | 424         | 459         |                               |
| Grade 8      | 442             | 382         | 435         |                               |
| Grade 9      | 394             | 473         | 445         |                               |
| Grade 10     | 370             | 422         | 453         |                               |
| Grade 11*    | 393             | 292         | 283         |                               |
| <b>TOTAL</b> | <b>3688</b>     | <b>3797</b> | <b>3925</b> | <b>+237</b>                   |

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

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

**COMPARISON OF NEW JERSEY'S  
SPRING 2015, SPRING 2016, & SPRING 2017  
PARCC ADMINISTRATIONS  
ENGLISH LANGUAGE ARTS/LITERACY – STUDENTS TESTED**

|              | Students Tested |                |                | Increase from<br>2015 to 2017 |
|--------------|-----------------|----------------|----------------|-------------------------------|
|              | 2015            | 2016           | 2017           |                               |
| Grade 3      | 95,227          | 99,046         | <b>98,884</b>  | <b>3,657</b>                  |
| Grade 4      | 93,769          | 96,823         | <b>100,288</b> | <b>6,519</b>                  |
| Grade 5      | 94,599          | 95,760         | <b>98,469</b>  | <b>3,870</b>                  |
| Grade 6      | 92,578          | 96,896         | <b>97,373</b>  | <b>4,795</b>                  |
| Grade 7      | 90,227          | 95,979         | <b>98,926</b>  | <b>8,699</b>                  |
| Grade 8      | 88,421          | 94,268         | <b>98,813</b>  | <b>10,392</b>                 |
| Grade 9      | 81,574          | 93,852         | <b>97,596</b>  | <b>16,022</b>                 |
| Grade 10     | 71,659          | 84,921         | <b>85,598</b>  | <b>13,939</b>                 |
| Grade 11*    | 61,768          | 68,876         | <b>68,568</b>  | <b>6,800</b>                  |
| <b>TOTAL</b> | <b>769,822</b>  | <b>826,421</b> | <b>844,515</b> | <b>74,693</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 **BLOOMFIELD SCHOOL DISTRICT** STUDENTS TESTED SPRING 2016 AND SPRING 2017 PARCC ADMINISTRATIONS MATHEMATICS

|              | Students Tested |             |             | Increase from<br>2015 to 2017 |
|--------------|-----------------|-------------|-------------|-------------------------------|
|              | 2015            | 2016        | 2017        |                               |
| Grade 3      | 410             | 487         | 482         |                               |
| Grade 4      | 440             | 430         | 489         |                               |
| Grade 5      | 443             | 435         | 444         |                               |
| Grade 6      | 406             | 452         | 455         |                               |
| Grade 7      | 405             | 426         | 458         |                               |
| Grade 8*     | 350             | 291         | 328         |                               |
| Algebra I    | 378             | 466         | 482**       |                               |
| Algebra II   | 308             | 317         | 236         |                               |
| Geometry     | 421             | 401         | 488         |                               |
| <b>TOTAL</b> | <b>3561</b>     | <b>3705</b> | <b>3862</b> | <b>+301</b>                   |

\*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: "Students Tested" represents individual valid test scores for Mathematics.

\*\*ALG I Breakout is 375 BHS and 107 BMS

**COMPARISON OF NEW JERSEY'S  
SPRING 2015, SPRING 2016, & SPRING 2017  
PARCC ADMINISTRATIONS  
MATHEMATICS – STUDENTS TESTED**

|              | Students Tested |                |                | Increase from<br>2015 to 2017 |
|--------------|-----------------|----------------|----------------|-------------------------------|
|              | 2015            | 2016           | 2017           |                               |
| Grade 3      | 95,932          | 99,847         | <b>99,991</b>  | <b>4,059</b>                  |
| Grade 4      | 94,484          | 97,620         | <b>101,323</b> | <b>6,839</b>                  |
| Grade 5      | 95,293          | 96,449         | <b>99,421</b>  | <b>4,128</b>                  |
| Grade 6      | 93,128          | 97,546         | <b>98,292</b>  | <b>5,164</b>                  |
| Grade 7      | 87,300          | 93,114         | <b>95,955</b>  | <b>8,655</b>                  |
| Grade 8*     | 58,078          | 60,769         | <b>63,709</b>  | <b>5,631</b>                  |
| Algebra I    | 91,740          | 105,998        | <b>110,215</b> | <b>18,475</b>                 |
| Algebra II   | 58,026          | 74,549         | <b>74,931</b>  | <b>16,905</b>                 |
| Geometry     | 71,137          | 84,549         | <b>88,079</b>  | <b>16,942</b>                 |
| <b>TOTAL</b> | <b>745,118</b>  | <b>810,441</b> | <b>831,916</b> | <b>86,798</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.

**COMPARISON OF BLOOMFIELD SCHOOL DISTRICT  
 SPRING 2015, SPRING 2016, & SPRING 2017  
 PARCC ADMINISTRATION  
 ENGLISH LANGUAGE ARTS/LITERACY - PERCENTAGES**

| Grade      | Not Yet Meeting Expectations<br>(Level 1) |      |       | Partially Meeting Expectations<br>(Level 2) |      |       | Approaching Expectations<br>(Level 3) |      |       | Meeting Expectations<br>(Level 4) |      |       | Exceeding Expectations<br>(Level 5) |      |       |
|------------|---|------|-------|---|------|-------|---------------------------------------|------|-------|-----------------------------------|------|-------|-------------------------------------|------|-------|
|            | 2015                                      | 2016 | 2017  | 2015  | 2016 | 2017  | 2015                                  | 2016 | 2017  | 2015                              | 2016 | 2017  | 2015                                | 2016 | 2017  |
| <b>3</b>   | 11%                                       | 10%  | 8.4%  | 13%   | 13%  | 13.4% | 26%                                   | 23%  | 20.9% | 44%                               | 48%  | 47.7% | 7%                                  | 6%   | 9.6%  |
| <b>4</b>   | 4%  | 4%   | 4.2%  | 13%   | 10%  | 11.0% | 25%                                   | 27%  | 23.3% | 44%                               | 46%  | 43.2% | 13%                                 | 13%  | 18.3% |
| <b>5</b>   | 5%  | 6%   | 4.1%  | 16%   | 9%   | 8.6%  | 28%                                   | 27%  | 18.3% | 45%                               | 51%  | 55.3% | 5%                                  | 6%   | 13.8% |
| <b>6</b>   | 6%  | 5%   | 4.7%  | 18%   | 14%  | 10.9% | 31%                                   | 27%  | 32.1% | 39%                               | 43%  | 41.7% | 5%                                  | 11%  | 10.5% |
| <b>7</b>   | 8%  | 5%   | 5.9%  | 13%   | 13%  | 9.8%  | 20%                                   | 22%  | 21.1% | 37%                               | 38%  | 41.2% | 21%                                 | 21%  | 22.0% |
| <b>8</b>   | 5%  | 6%   | 6.4%  | 17%   | 11%  | 15.2% | 27%                                   | 21%  | 24.8% | 44%                               | 43%  | 40.0% | 6%                                  | 19%  | 13.6% |
| <b>9</b>   | 27%                                       | 9%   | 13.3% | 23%   | 15%  | 16.0% | 26%                                   | 30%  | 23.8% | 18%                               | 37%  | 33.9% | 6%                                  | 10%  | 13.0% |
| <b>10</b>  | 46%                                       | 20%  | 22.7% | 20%   | 18%  | 18.5% | 18%                                   | 22%  | 24.7% | 12%                               | 28%  | 29.1% | 4%                                  | 12%  | 4.9%  |
| <b>11*</b> | 27%                                       | 21%  | 24.0% | 21%   | 19%  | 25.8% | 22%                                   | 29%  | 23.0% | 22%                               | 30%  | 24.0% | 8%                                  | 1%** | 3.2%  |

\*Grade 11 does not include students who took an AP/IB test. \*\*Level 4 and Level 5 is an indication a student is on pace to be college and career ready.

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



# COMPARISON OF **BLOOMFIELD SCHOOL DISTRICT** SPRING 2017 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY TO **NEW JERSEY-** PERCENTAGES

|           | Not Yet Meeting Expectations (Level 1) |       | Partially Meeting Expectations (Level 2) |       | Approaching Expectations (Level 3) |       | Meeting Expectations (Level 4) |       | Exceeding Expectations (Level 5) |       |
|-----------|--|-------|--|-------|------------------------------------|-------|--------------------------------|-------|----------------------------------|-------|
|           | District                               | State | District                                 | State | District                           | State | District                       | State | District                         | State |
|           | 2017                                   | 2017  | 2017                                     | 2017  | 2017                               | 2017  | 2017                           | 2017  | 2017                             | 2017  |
| Grade 3   | 8.4                                    | 12.7  | 13.4                                     | 14.4  | 20.9                               | 22.5  | 47.7                           | 42.9  | 9.6                              | 7.5   |
| Grade 4   | 4.2                                    | 7.7   | 11.0                                     | 12.8  | 23.3                               | 23.7  | 43.2                           | 40.5  | 18.3                             | 15.4  |
| Grade 5   | 4.1                                    | 6.8   | 8.6                                      | 12.2  | 18.3                               | 22.1  | 55.3                           | 48.2  | 13.8                             | 10.7  |
| Grade 6   | 4.7                                    | 6.5   | 10.9                                     | 14.6  | 32.1                               | 25.6  | 41.7                           | 41.0  | 10.5                             | 12.3  |
| Grade 7   | 5.9                                    | 8.9   | 9.8                                      | 11.4  | 21.1                               | 20.5  | 41.2                           | 35.4  | 22.0                             | 23.8  |
| Grade 8   | 6.4                                    | 9.0   | 15.2                                     | 11.6  | 24.8                               | 20.3  | 40.0                           | 40.5  | 13.6                             | 18.6  |
| Grade 9   | 13.3                                   | 12.8  | 16.0                                     | 12.8  | 23.8                               | 22.9  | 33.9                           | 37.7  | 13.0                             | 13.8  |
| Grade 10  | 22.7                                   | 20.3  | 18.5                                     | 13.9  | 24.7                               | 19.5  | 29.1                           | 32.2  | 4.9                              | 14.1  |
| Grade 11* | 24.0                                   | 21.1  | 25.8                                     | 18.0  | 23.0                               | 22.4  | 24.0                           | 29.7  | 3.2                              | 8.7   |

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

Notes: Percentages may not total 100 due to rounding.

# COMPARISON OF BLOOMFIELD SCHOOL DISTRICT SPRING 2015, SPRING 2016, & SPRING 2017 PARCC ADMINISTRATION MATHEMATICS - PERCENTAGES

| Grade  | Not Yet Meeting Expectations<br>(Level 1) |      |       | Partially Meeting<br>Expectations<br>(Level 2) |      |       | Approaching Expectations<br>(Level 3) |      |       | Meeting Expectations<br>(Level 4) |      |       | Exceeding Expectations<br>(Level 5) |        |       |
|--------|---|------|-------|--|------|-------|---------------------------------------|------|-------|-----------------------------------|------|-------|-------------------------------------|--------|-------|
|        | 2015                                      | 2016 | 2017  | 2015   | 2016 | 2017  | 2015                                  | 2016 | 2017  | 2015                              | 2016 | 2017  | 2015                                | 2016   | 2017  |
| 3      | 6%  | 6%   | 5.2%  | 15%  | 16%  | 16.2% | 32%                                   | 24%  | 24.7% | 42%                               | 42%  | 40.9% | 5%                                  | 13%    | 13.1% |
| 4      | 3%  | 5%   | 6.5%  | 19%  | 15%  | 17.4% | 37%                                   | 34%  | 30.7% | 38%                               | 44%  | 39.5% | 4%                                  | 4%     | 5.9%  |
| 5      | 5%  | 4%   | 4.7%  | 20%  | 15%  | 17.1% | 30%                                   | 30%  | 30.9% | 40%                               | 42%  | 40.5% | 5%                                  | 9%     | 6.8%  |
| 6      | 7%  | 7%   | 7.3%  | 20%  | 18%  | 16.0% | 32%                                   | 29%  | 30.8% | 37%                               | 41%  | 39.1% | 3%                                  | 6%     | 6.8%  |
| 7      | 5%  | 7%   | 6.3%  | 18%  | 19%  | 14.0% | 31%                                   | 34%  | 33.4% | 37%                               | 30%  | 36.9% | 9%                                  | 10%    | 9.4%  |
| 8*     | 9%  | 10%  | 19.5% | 26%  | 18%  | 20.1% | 35%                                   | 27%  | 32.6% | 29%                               | 42%  | 27.7% | 0%                                  | 3%     | 0%    |
| ALG I  | 16%                                       | 13%  | 11.6% | 34%  | 28%  | 26.1% | 20%                                   | 27%  | 22.2% | 25%                               | 19%  | 25.5% | 5%                                  | 13% ** | 14.5% |
| ALG II | 37%                                       | 39%  | 39.8% | 32%  | 24%  | 26.7% | 21%                                   | 19%  | 13.1% | 10%                               | 16%  | 17.8% | 0%                                  | 1%     | 2.5%  |
| GEO    | 19%                                       | 16%  | 9.8%  | 46%  | 42%  | 40.4% | 21%                                   | 23%  | 28.5% | 14%                               | 15%  | 18.6% | 1%                                  | 2%     | 2.7%  |

\*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.

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

## COMPARISON OF **BLOOMFIELD SCHOOL DISTRICT** SPRING 2017 PARCC ADMINISTRATIONS MATHEMATICS TO **NEW JERSEY**- PERCENTAGES

|            | Not Yet Meeting Expectations (Level 1) |       | Partially Meeting Expectations (Level 2) |       | Approaching Expectations (Level 3) |       | Meeting Expectations (Level 4) |       | Exceeding Expectations (Level 5) |       |
|------------|--|-------|--|-------|------------------------------------|-------|--------------------------------|-------|----------------------------------|-------|
|            | District                               | State | District                                 | State | District                           | State | District                       | State | District                         | State |
|            | 2017                                   | 2017  | 2017                                     | 2017  | 2017                               | 2017  | 2017                           | 2017  | 2017                             | 2017  |
| Grade 3    | 5.2                                    | 7.8   | 16.2                                     | 14.6  | 24.7                               | 25.1  | 40.9                           | 38.7  | 13.1                             | 13.7  |
| Grade 4    | 6.5                                    | 8.1   | 17.4                                     | 17.5  | 30.7                               | 27.1  | 39.5                           | 40.6  | 5.9                              | 6.7   |
| Grade 5    | 4.7                                    | 6.5   | 17.1                                     | 17.8  | 30.9                               | 29.6  | 40.5                           | 37.3  | 6.8                              | 8.9   |
| Grade 6    | 7.3                                    | 9.7   | 16.0                                     | 19.1  | 30.8                               | 27.7  | 39.1                           | 35.0  | 6.8                              | 8.6   |
| Grade 7    | 6.3                                    | 8.0   | 14.0                                     | 19.9  | 33.4                               | 32.5  | 36.9                           | 33.9  | 9.4                              | 5.7   |
| Grade 8*   | 19.5                                   | 22.9  | 20.1                                     | 21.4  | 32.6                               | 28.0  | 27.7                           | 26.9  | 0.0                              | 0.8   |
| Algebra I  | 11.6                                   | 12.2  | 26.1                                     | 22.1  | 22.2                               | 24.2  | 25.5                           | 36.9  | 14.5                             | 4.5   |
| Algebra II | 39.8                                   | 34.4  | 26.7                                     | 21.4  | 13.1                               | 17.6  | 17.8                           | 23.6  | 2.5                              | 3.0   |
| Geometry   | 9.8                                    | 10.0  | 40.4                                     | 29.0  | 28.5                               | 31.3  | 18.6                           | 25.8  | 2.7                              | 4.0   |

\*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.

Notes: Percentages may not total 100 due to rounding.

# FINAL INFORMATION

- Student ISRs are at schools being prepared for mailing. All reports from all schools will be sent home to parents on same day before September 29.
- Parent letter with general score interpretation and mailing information was sent via digital backpack and posted on websites on first day of school.
- NJDOE site to help parents understand scores:  
[understandthescore.org/](https://www.njdoe.org/understandthescore.org/)
- Information about PARCC testing and scores can be found on district website.