

# Comprehensive District Testing Report 2015-16

Glen Rock Public Schools  
October 17, 2016

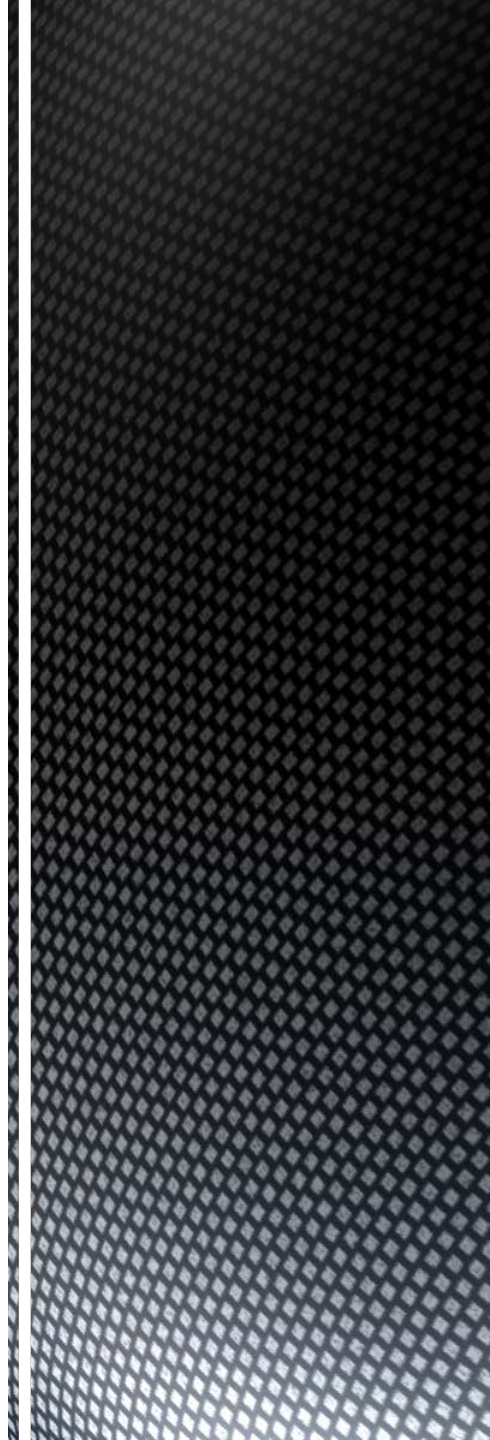
Presented by

Dr. Paula Valenti  
Superintendent of Schools

Dr. Kathleen Regan  
Director/Curriculum & Instruction

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Director/Student Personnel Services

# PART I - PARCC



# Spring 2015 and Spring 2016 Administrations

# New Jersey's Statewide Assessment Program

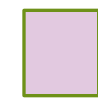
- 2016 marks the 2<sup>nd</sup> administration of the Partnership for Assessment of Readiness for College and Careers (PARCC) and the first opportunity to compare year-to-year results as the following slides will show.
- Students took PARCC English Language Arts and Literacy Assessments (ELA/L) in grades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

2015      2016

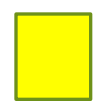
▪ Level 1: Not yet meeting grade-level expectations



▪ 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



PARCC  
Performance  
levels

# 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) |              | % Change in Level 1 and Level 2 | % Change in Level 4 and Level 5 (College and Career Ready) |
|-----------|--|--------------|--|--------------|------------------------------------|--------------|--------------------------------|--------------|----------------------------------|--------------|---------------------------------|--|
|           | 2015                                   | 2016         | 2015                                     | 2016         | 2015                               | 2016         | 2015                           | 2016         | 2015                             | 2016         |                                 |  |
| Grade 3   | 15.1%                                  | <b>13.5%</b> | 17.8%                                    | <b>16.0%</b> | 23.7%                              | <b>23.0%</b> | 38.6%                          | <b>41.3%</b> | 4.9%                             | <b>6.2%</b>  | ↓ 3.4%                          | ↑ 4.1%   |
| Grade 4   | 7.8%                                   | <b>8.2%</b>  | 14.5%                                    | <b>13.5%</b> | 26.6%                              | <b>24.8%</b> | 39.4%                          | <b>40.8%</b> | 11.7%                            | <b>12.7%</b> | ↓ 0.6%                          | ↑ 2.4%   |
| Grade 5   | 7.2%                                   | <b>6.7%</b>  | 15.1%                                    | <b>14.7%</b> | 26.1%                              | <b>25.3%</b> | 45.1%                          | <b>46.4%</b> | 6.4%                             | <b>6.9%</b>  | ↓ 0.9%                          | ↑ 1.7%   |
| Grade 6   | 7.9%                                   | <b>7.5%</b>  | 15.5%                                    | <b>14.1%</b> | 27.8%                              | <b>26.2%</b> | 39.7%                          | <b>41.3%</b> | 9.1%                             | <b>11.0%</b> | ↓ 1.9%                          | ↑ 3.5%   |
| Grade 7   | 10.8%                                  | <b>9.5%</b>  | 14.5%                                    | <b>12.5%</b> | 23.1%                              | <b>21.6%</b> | 33.9%                          | <b>35.6%</b> | 17.7%                            | <b>20.7%</b> | ↓ 3.3%                          | ↑ 4.7%   |
| Grade 8   | 11.5%                                  | <b>10.1%</b> | 14.6%                                    | <b>13.0%</b> | 22.3%                              | <b>21.7%</b> | 39.1%                          | <b>40.7%</b> | 12.5%                            | <b>14.5%</b> | ↓ 3.0%                          | ↑ 3.6%   |
| Grade 9   | 17.6%                                  | <b>12.9%</b> | 19.0%                                    | <b>15.0%</b> | 23.6%                              | <b>23.1%</b> | 30.3%                          | <b>35.8%</b> | 9.5%                             | <b>13.2%</b> | ↓ 8.7%                          | ↑ 9.2%   |
| Grade 10  | 25.3%                                  | <b>20.9%</b> | 17.7%                                    | <b>14.2%</b> | 20.3%                              | <b>20.4%</b> | 25.6%                          | <b>31.0%</b> | 11.0%                            | <b>13.4%</b> | ↓ 7.8%                          | ↑ 7.7%   |
| Grade 11* | 16.7%                                  | <b>18.5%</b> | 18.7%                                    | <b>18.1%</b> | 23.5%                              | <b>23.3%</b> | 30.1%                          | <b>31.7%</b> | 10.9%                            | <b>8.4%</b>  | ↑ 1.1%                          | ↓ 0.9%   |

\*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) |              | % Change in Level 1 and Level 2 | % Change in Level 4 and Level 5 (College and Career Ready) |
|------------|--|--------------|--|--------------|------------------------------------|--------------|--------------------------------|--------------|----------------------------------|--------------|---------------------------------|--|
|            | 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> | ↓ 2.8%                          | ↑ 6.8%   |
| 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>  | ↓ 2.5%                          | ↑ 5.9%   |
| 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>  | ↓ 2.3%                          | ↑ 6.2%   |
| 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>  | ↓ 1.0%                          | ↑ 2.2%   |
| 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>  | ↓ 0.9%                          | ↑ 1.9%   |
| 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>  | ↓ 1.3%                          | ↑ 2.1%   |
| 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>  | ↓ 5.0%                          | ↑ 5.2%   |
| 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>  | ↓ 0.1%                          | ↑ 1.1%   |
| 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>  | ↓ 6.3%                          | ↑ 4.6%   |

\*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.



## 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.

## Comparison of Glen Rock'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%                                    | <b>1%</b>  | 18%                                      | <b>6%</b>  | 24%                                | <b>18%</b> | 39%                            | <b>59%</b> | 5%                               | <b>17%</b> |
| Grade 4   | 8%                                     | <b>0%</b>  | 15%                                      | <b>6%</b>  | 27%                                | <b>16%</b> | 39%                            | <b>51%</b> | 12%                              | <b>27%</b> |
| Grade 5   | 7%                                     | <b>1%</b>  | 15%                                      | <b>8%</b>  | 26%                                | <b>18%</b> | 45%                            | <b>58%</b> | 6%                               | <b>16%</b> |
| Grade 6   | 8%                                     | <b>1%</b>  | 16%                                      | <b>6%</b>  | 28%                                | <b>23%</b> | 40%                            | <b>57%</b> | 9%                               | <b>13%</b> |
| Grade 7   | 11%                                    | <b>2%</b>  | 15%                                      | <b>2%</b>  | 23%                                | <b>13%</b> | 34%                            | <b>41%</b> | 18%                              | <b>43%</b> |
| Grade 8   | 12%                                    | <b>1%</b>  | 15%                                      | <b>3%</b>  | 22%                                | <b>13%</b> | 39%                            | <b>44%</b> | 13%                              | <b>38%</b> |
| Grade 9   | 18%                                    | <b>1%</b>  | 19%                                      | <b>7%</b>  | 24%                                | <b>23%</b> | 30%                            | <b>45%</b> | 10%                              | <b>24%</b> |
| Grade 10  | 25%                                    | <b>6%</b>  | 18%                                      | <b>8%</b>  | 20%                                | <b>26%</b> | 26%                            | <b>40%</b> | 11%                              | <b>21%</b> |
| Grade 11* | 17%                                    | <b>19%</b> | 19%                                      | <b>21%</b> | 24%                                | <b>21%</b> | 30%                            | <b>35%</b> | 11%                              | <b>4%</b>  |

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

Notes: Percentages may not total 100 due to rounding.

Glen Rock  
2015-2016 Spring PARCC Administrations  
ENGLISH LANGUAGE ARTS/LITERACY

|           | % in Level 1 and Level 2 |             | % in Level 4 and Level 5 |             |
|-----------|--------------------------|-------------|--------------------------|-------------|
|           | <u>2015</u>              | <u>2016</u> | <u>2015</u>              | <u>2016</u> |
| Grade 3   | <b>33</b>                | <b>7</b>    | <b>44</b>                | <b>76</b>   |
| Grade 4   | <b>23</b>                | <b>6</b>    | <b>51</b>                | <b>78</b>   |
| Grade 5   | <b>22</b>                | <b>9</b>    | <b>51</b>                | <b>74</b>   |
| Grade 6   | <b>24</b>                | <b>7</b>    | <b>49</b>                | <b>70</b>   |
| Grade 7   | <b>26</b>                | <b>4</b>    | <b>52</b>                | <b>84</b>   |
| Grade 8   | <b>27</b>                | <b>4</b>    | <b>52</b>                | <b>82</b>   |
| Grade 9   | <b>37</b>                | <b>8</b>    | <b>40</b>                | <b>69</b>   |
| Grade 10  | <b>43</b>                | <b>14</b>   | <b>37</b>                | <b>61</b>   |
| Grade 11* | <b>36</b>                | <b>40</b>   | <b>41</b>                | <b>39</b>   |

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

# Comparison of Glen Rock'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    | 1                                      | 1%   | 3  | 1%   | 11                                 | 13%  | 65                             | 55%  | 20                               | 31%  |
| Grade 4    | 0                                      | 1%   | 9  | 7%   | 20                                 | 21%  | 60                             | 60%  | 12                               | 11%  |
| Grade 5    | 1                                      | 1%   | 2  | 5%   | 25                                 | 21%  | 57                             | 51%  | 15                               | 22%  |
| Grade 6    | 1                                      | 1%   | 6  | 7%   | 27                                 | 20%  | 61                             | 60%  | 6                                | 12%  |
| Grade 7    | 0                                      | 1%   | 3  | 4%   | 17                                 | 19%  | 60                             | 62%  | 21                               | 14%  |
| Grade 8*   | **                                     | **   | **                                       | **   | **                                 | **   | **                             | **   | **                               | **   |
| Algebra I  | 2                                      | 3%   | 17                                       | 10%  | 35                                 | 26%  | 44                             | 59%  | 2                                | 1%   |
| Geometry   | 4                                      | 9%   | 22                                       | 20%  | 37                                 | 25%  | 30                             | 42%  | 8                                | 4%   |
| Algebra II | 22                                     | 3%   | 20                                       | 9%   | 29                                 | 43%  | 29                             | 44%  | 0                                | 1%   |

\*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.

# Glen Rock 2015-2016 Spring PARCC Administrations Mathematics

|            | % in Level 1 and Level 2 |             | % in Level 4 and Level 5 |             |
|------------|--------------------------|-------------|--------------------------|-------------|
|            | <u>2015</u>              | <u>2016</u> | <u>2015</u>              | <u>2016</u> |
| Grade 3    | <b>4</b>                 | <b>2</b>    | <b>85</b>                | <b>86</b>   |
| Grade 4    | <b>9</b>                 | <b>8</b>    | <b>72</b>                | <b>71</b>   |
| Grade 5    | <b>3</b>                 | <b>6</b>    | <b>72</b>                | <b>73</b>   |
| Grade 6    | <b>7</b>                 | <b>8</b>    | <b>67</b>                | <b>72</b>   |
| Grade 7    | <b>3</b>                 | <b>5</b>    | <b>81</b>                | <b>76</b>   |
| Grade 8    | <b>**</b>                | <b>**</b>   | <b>**</b>                | <b>**</b>   |
| Algebra I  | <b>19</b>                | <b>13</b>   | <b>46</b>                | <b>60</b>   |
| Geometry   | <b>26</b>                | <b>12</b>   | <b>29</b>                | <b>45</b>   |
| Algebra II | <b>42</b>                | <b>29</b>   | <b>38</b>                | <b>46</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.

# Comparison of **Glen Rock's** Students Tested Spring 2015 and Spring 2016 PARCC Administrations English Language Arts/Literacy

|              | Students Tested |             | Difference  |
|--------------|-----------------|-------------|-------------|
|              | 2016            | 2015        |             |
| Grade 3      | 169             | 162         | <b>+7</b>   |
| Grade 4      | 158             | 148         | <b>+10</b>  |
| Grade 5      | 153             | 169         | <b>-16</b>  |
| Grade 6      | 182             | 196         | <b>-14</b>  |
| Grade 7      | 196             | 144         | <b>+55</b>  |
| Grade 8      | 149             | 157         | <b>-8</b>   |
| Grade 9      | 177             | 182         | <b>-5</b>   |
| Grade 10     | 192             | 104         | <b>+88</b>  |
| Grade 11*    | 135             | 106         | <b>+29</b>  |
| <b>TOTAL</b> | <b>1511</b>     | <b>1368</b> | <b>+143</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 **Glen Rock's** Students Tested Spring 2015 and Spring 2016 PARCC Administrations Mathematics

|              | Students Tested |             | Difference  |
|--------------|-----------------|-------------|-------------|
|              | 2016            | 2015        |             |
| Grade 3      | 170             | 161         | +9          |
| Grade 4      | 161             | 147         | +14         |
| Grade 5      | 152             | 171         | -19         |
| Grade 6      | 182             | 196         | -14         |
| Grade 7      | 183             | 141         | +42         |
| Grade 8*     | **              | **          | **          |
| Algebra I    | 192             | 174         | +18         |
| Geometry     | 176             | 185         | -9          |
| Algebra II   | 195             | 93          | +102        |
| <b>TOTAL</b> | <b>1411</b>     | <b>1268</b> | <b>+143</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.



## 2015/2016 Average PARCC Language Arts Scores

| Grade | District         | State            | PARCC            |
|-------|------------------|------------------|------------------|
| 3     | 744 / <b>773</b> | 743 / <b>746</b> | 736 / <b>738</b> |
| 4     | 775 / <b>773</b> | 750 / <b>751</b> | 742 / <b>742</b> |
| 5     | 771 / <b>769</b> | 750 / <b>751</b> | 741 / <b>742</b> |
| 6     | 762 / <b>763</b> | 747 / <b>750</b> | 740 / <b>741</b> |
| 7     | 779 / <b>780</b> | 749 / <b>753</b> | 741 / <b>742</b> |
| 8     | 782 / <b>784</b> | 749 / <b>753</b> | 741 / <b>743</b> |
| 9     | 754 / <b>768</b> | 738 / <b>746</b> | 739 / <b>738</b> |
| 10    | 722 / <b>762</b> | 733 / <b>740</b> | 735 / <b>737</b> |
| 11    | 732 / <b>735</b> | 740 / <b>737</b> | 739 / <b>737</b> |

## 2015/2016 Average PARCC Math Scores

| Grade | District         |          |         | State            | PARCC            |                  |
|-------|------------------|----------|---------|------------------|------------------|------------------|
| 3     | 770 / <b>776</b> |          |         | 745 / <b>750</b> | 738 / <b>743</b> |                  |
| 4     | 765 / <b>763</b> |          |         | 743 / <b>746</b> | 736 / <b>738</b> |                  |
| 5     | 764 / <b>766</b> |          |         | 743 / <b>747</b> | 736 / <b>739</b> |                  |
| 6     | 758 / <b>761</b> |          |         | 742 / <b>743</b> | 735 / <b>736</b> |                  |
| 7     | 767 / <b>764</b> |          |         | 739 / <b>740</b> | 734 / <b>735</b> |                  |
| 8     |                  |          |         | 725 / <b>737</b> | 728 / <b>734</b> |                  |
|       |                  | District | MS      | HS               |                  |                  |
| 9     | Alg I            | 748/756  | 756/764 | 724/732          | 737 / <b>741</b> | 734 / <b>734</b> |
| 10    | Alg II           | 730/742  |         | 732/742          | 721 / <b>721</b> | 719 / <b>720</b> |
| 11    | Geometry         | 743/750  | 780/746 | 737/785          | 729 / <b>732</b> | 732 / <b>732</b> |

# Testing Unit Times for Spring 2017 PARC Administration

## ELA

|             | Unit 1     | Unit 2      | Unit 3      | Total Test Time     |
|-------------|------------|-------------|-------------|---------------------|
| Grade 3     | 90 minutes | 75 minutes  | 90 minutes  | 4.25 hours          |
| Grades 4-5  | 90 minutes | 90 minutes  | 90 minutes  | 4.5 hours           |
| Grades 6-11 | 90 minutes | 110 minutes | 110 minutes | 5 hours, 10 minutes |

\* A sample of schools will be selected to administer one additional ELA/L “field test unit.” Selected schools will be notified early in the fall.

## Math

|                            | Unit 1     | Unit 2     | Unit 3     | Total Test Time |
|----------------------------|------------|------------|------------|-----------------|
| Grade 3-5                  | 60 minutes | 60 minutes | 60 minutes | 4 hours         |
| Grades 6-8                 | 80 minutes | 80 minutes | N/A        | 4 hours         |
| Alg I, Alg II,<br>Geometry | 90 minutes | 90 minutes | 90 minutes | 4.5 hours       |

## Class of 2017, 2018 and 2019

### ENGLISH LANGUAGE ARTS (ELA)

PARCC ELA Grade 9

*or*

PARCC ELA Grade 10

*or*

PARCC ELA Grade 11

*or*

SAT Reading

*or*

ACT Reading or ACT PLAN Reading

*or*

Accuplacer WritePlacer

*or*

Accuplacer WritePlacer ESL

*or*

PSAT10 Reading or PSAT/NMSQT Reading

*or*

PSAT10 Reading or PSAT/NMSQT Reading

*or*

ACT Aspire Reading

*or*

ASVAB-AFQT Composite

*or*

Meet the Criteria of the NJDOE Portfolio Appeal

### MATHEMATICS

PARCC Algebra I

*or*

PARCC Geometry

*or*

PARCC Algebra II

*or*

SAT Math

*or*

ACT or ACT PLAN Math

*or*

Accuplacer Elementary Algebra

*or*

PSAT10 Math or PSAT/NMSQT Math

*or*

PSAT10 Math or PSAT/NMSQT Math

*or*

ACT Aspire Math

*or*

ASVAB-AFQT Composite

*or*

Meet the Criteria of the NJDOE Portfolio Appeal

## Class of 2020

### ENGLISH LANGUAGE ARTS (ELA)

(Must Take) PARCC ELA Grade 9

*and*

(Must Take) PARCC ELA Grade 10

*and*

(Must Take) PARCC ELA Grade 11

*If passing score not met on any of the three,  
then the student can use the following*

---

SAT Reading

*or*

ACT Reading or ACT PLAN Reading

*or*

Accuplacer WritePlacer

*or*

Accuplacer WritePlacer ESL

*or*

PSAT10 Reading or PSAT/NMSQT Reading

*or*

PSAT10 Reading or PSAT/NMSQT Reading

*or*

ACT Aspire Reading

*or*

ASVAB-AFQT Composite

*or*

Meet the Criteria of the NJDOE Portfolio Appeal

### MATHEMATICS

(Must Take) PARCC Algebra I

*and*

(Must Take) PARCC Geometry

*and*

(Must Take) PARCC Algebra II

*If passing score not met on any of the three,  
then the student can use the following*

---

SAT Math

*or*

ACT or ACT PLAN Math

*or*

Accuplacer Elementary Algebra

*or*

PSAT10 Math or PSAT/NMSQT Math

*or*

PSAT10 Math or PSAT/NMSQT Math

*or*

ACT Aspire Math

*or*

ASVAB-AFQT Composite

*or*

Meet the Criteria of the NJDOE Portfolio Appeal

## Class of 2021 and Beyond

### ENGLISH LANGUAGE ARTS (ELA)

*(Must Take)* PARCC ELA Grade 9

*and*

*(Must Take and Pass)* PARCC ELA Grade 10

*and*

*(Must Take)* PARCC ELA Grade 11

*If passing score not met on PARCC ELA Grade 10,  
then the student can use the following*

---

Meet the Criteria of the NJDOE Portfolio Appeal

### MATHEMATICS

*(Must Take and Pass)* PARCC Algebra I

*and*

*(Must Take)* PARCC Geometry

*and*

*(Must Take)* PARCC Algebra II

*If passing score not met on PARCC Algebra 1,  
then the student can use the following*

---

Meet the Criteria of the NJDOE Portfolio Appeal

## Cutoff Scores for PARCC Graduation Alternative – June, 2016

| English Language Arts  | Mathematics   |
|--|---|
| PARCC ELA Grade 9 $\geq 750$ (Level 4) <i>or</i>   | PARCC Algebra I $\geq 750$ (Level 4) <i>or</i>  |
| PARCC ELA Grade 10 $\geq 750$ (Level 4) <i>or</i>  | PARCC Geometry $\geq 725$ (Level 3) <i>or</i>   |
| PARCC ELA Grade 11 $\geq 725$ (Level 3) <i>or</i>  | PARCC Algebra II $\geq 725$ (Level 3) <i>or</i>   |
| <b>Prior to 3/1/16 SAT Critical Reading <math>\geq 400</math> <i>or</i></b>  | <b>Prior to 3/1/16 SAT Math <math>\geq 400</math> <i>or</i></b>   |
| <b>3/1/16 or later SAT Evidence-Based Reading and Writing Section <math>\geq 450</math> OR SAT Reading Test <math>\geq 22</math></b> | <b>3/1/16 or later SAT Math Section <math>\geq 440</math> OR SAT Math Test <math>\geq 22</math></b>         |
| ACT Reading or ACT PLAN Reading $\geq 16$<br>or  | ACT or ACT PLAN Math $\geq 16$ <i>or</i>  |
| Accuplacer Write Placer $\geq 6$ <i>or</i>   | Accuplacer Elementary Algebra $\geq 76$ <i>or</i>   |
| Accuplacer Write Placer ESL $\geq 4$ <i>or</i>   |   |
| PSAT10 Reading or PSAT/NMSQT Reading* $\geq 40$ <i>or</i><br>PSAT10 Reading or PSAT/NMSQT Reading** $\geq 22$ <i>or</i>              | PSAT10 Math or PSAT/NMSQT Math* $\geq 40$ <i>or</i><br>PSAT10 Math or PSAT/NMSQT Math** $\geq 22$ <i>or</i> |
| ACT Aspire Reading $\geq 422$ <i>or</i>  | ACT Aspire Math $\geq 422$ <i>or</i>  |
| ASVAB-AFQT Composite $\geq 31$ <i>or</i>   | ASVAB-AFQT Composite $\geq 31$ <i>or</i>  |
| Meet the Criteria of the NJDOE Portfolio Appeal  | Meet the Criteria of the NJDOE Portfolio Appeal   |

Note: \* PSAT taken prior to October 2015; \*\*PSAT taken after October 2015.



- 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?

## Questions to Guide PARCC Data Reflection

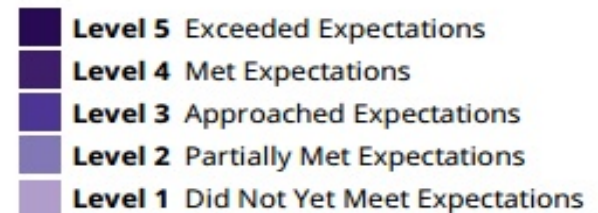
# Resources for Parents

## Additional Resources:

- For more information about the PARCC score report and to view sample test questions, visit [understandthescore.org](http://understandthescore.org).
- To learn more about grade level expectations, view the PTA's Parents' Guide to Student Success at [pta.org/parents/](http://pta.org/parents/).
- For tips and tools to help your child succeed in school, visit [belearninghero.org](http://belearninghero.org).

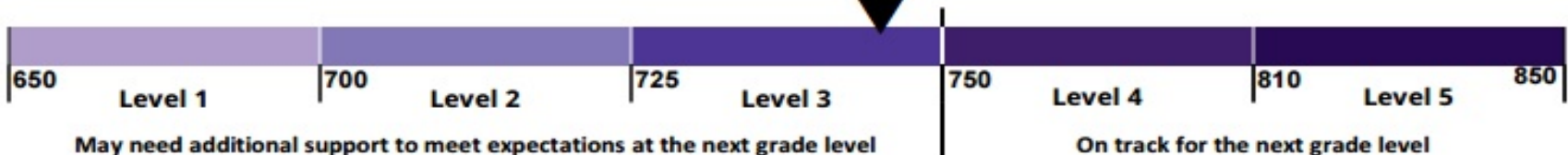
How Did xxxx Perform Overall?

**Performance Level 3**



Your child's score

745



# PART II – SAT, ACT, AP

# Scholastic Aptitude Tests (SAT Reasoning Test)

## Glen Rock High School

### 2016

|                   | <u>2016 *</u> | <u>2015</u> | <u>2014</u> | <u>2013</u> | <u>2012</u> |
|-------------------|---------------|-------------|-------------|-------------|-------------|
| <b>Glen Rock</b>  | <b>1751</b>   | <b>1733</b> | <b>1727</b> | <b>1711</b> | <b>1691</b> |
| <b>National</b>   | <b>1484</b>   | <b>1490</b> | <b>1497</b> | <b>1498</b> | <b>1498</b> |
| <b>New Jersey</b> | <b>1501</b>   | <b>1520</b> | <b>1526</b> | <b>1521</b> | <b>1511</b> |

\*March 2016 – New SAT – 1600 max score vs. Old SAT with 2400 max score

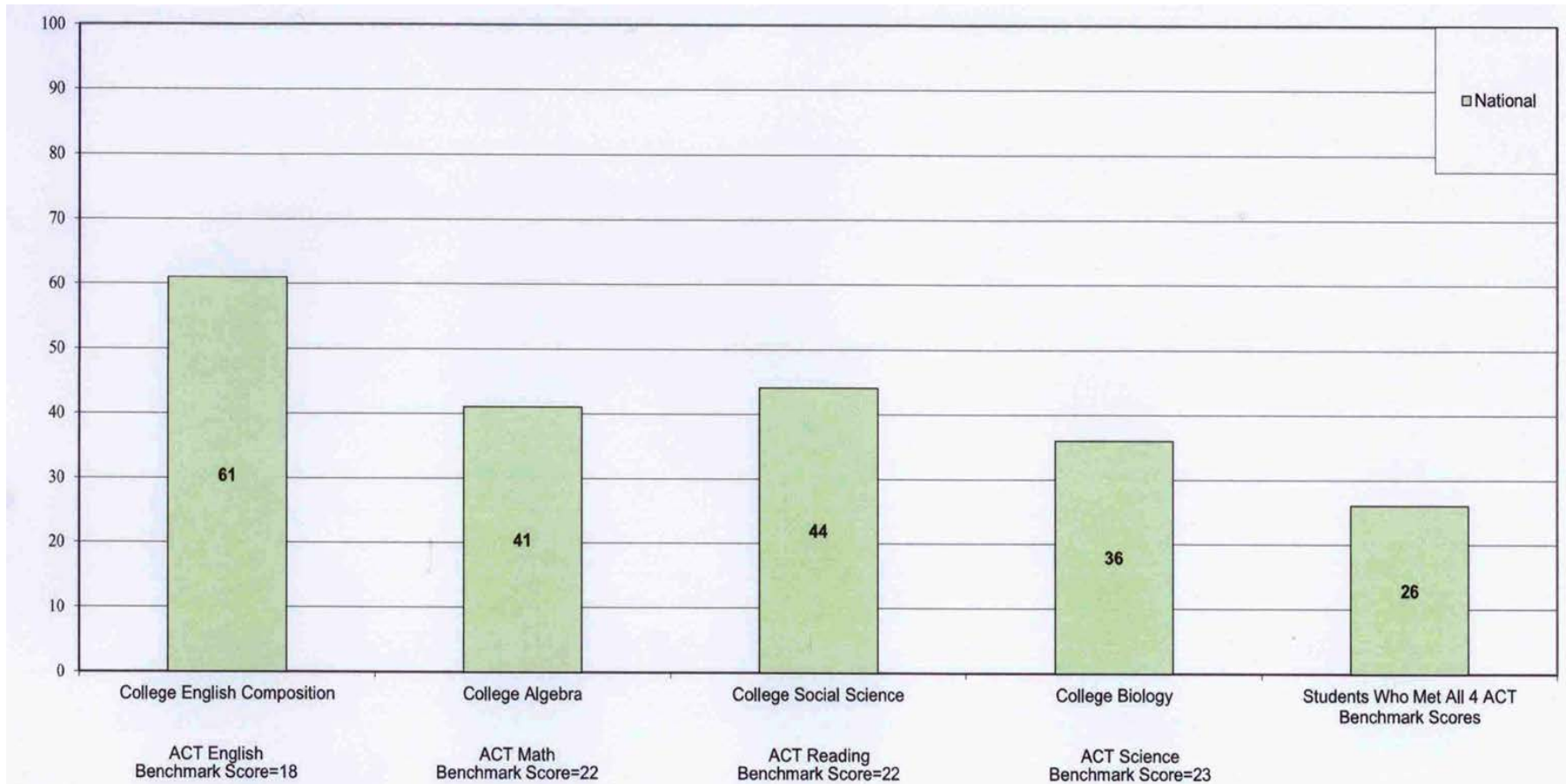
# American College Test (ACT)

Highest Score = 36 Composite Score is the average of test scores in all areas rounded to the nearest whole number.

|                   | <u>2016</u> | <u>2015</u> | <u>2014</u> | <u>2013</u> | <u>2012</u> |
|-------------------|-------------|-------------|-------------|-------------|-------------|
| <b>Glen Rock</b>  | <b>25.2</b> | <b>25.9</b> | <b>25.3</b> | <b>25.0</b> | <b>25.4</b> |
| <b>National</b>   | <b>***</b>  | <b>21.0</b> | <b>21.0</b> | <b>20.9</b> | <b>21.1</b> |
| <b>New Jersey</b> | <b>23.1</b> | <b>23.1</b> | <b>23.1</b> | <b>23.0</b> | <b>23.4</b> |

# ACT National Report

## Percent of Students Ready for College Coursework



A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

## Average AP Scores (with number of students) – 2016, 2015, and 2014

|                             |                 |                   |                   |
|-----------------------------|-----------------|-------------------|-------------------|
| <b>Biology</b>              | <b>3.905/21</b> | <b>4.000 / 14</b> | <b>3.895 / 19</b> |
| <b>Calculus AB</b>          | <b>4.833/12</b> | <b>4.889 / 9</b>  | <b>4.455 / 11</b> |
| <b>Calculus BC</b>          | <b>4.444/9</b>  | <b>4.833 / 12</b> | <b>4.875 / 8</b>  |
| <b>Chemistry</b>            | <b>4.308/13</b> | <b>3.389 / 18</b> | <b>4.571 / 21</b> |
| <b>English Language</b>     | <b>4.125/16</b> | <b>4.148 / 27</b> | <b>4.077 / 39</b> |
| <b>Eng. Lit/Comp</b>        | <b>3.162/37</b> | <b>4.486 / 35</b> | <b>3.897 / 29</b> |
| <b>Environmental Sci.</b>   | <b>2.889/18</b> | <b>3.435 / 23</b> | <b>-----</b>      |
| <b>European History</b>     | <b>3.267/30</b> | <b>3.000 / 10</b> | <b>3.684 / 19</b> |
| <b>Latin</b>                | <b>2.250/4</b>  | <b>4.000 / 1</b>  | <b>3.500 / 2</b>  |
| <b>Macroeconomics</b>       | <b>2.824/34</b> | <b>2.056 / 18</b> | <b>3.000 / 6</b>  |
| <b>Microeconomics</b>       | <b>2.788/33</b> | <b>2.263 / 19</b> | <b>4.000 / 4</b>  |
| <b>Physics C – Elec/Mag</b> | <b>2.778/9</b>  | <b>3.000 / 24</b> | <b>-----</b>      |
| <b>Physics C – Mech.</b>    | <b>3.667/9</b>  | <b>3.208 / 24</b> | <b>-----</b>      |
| <b>Psychology</b>           | <b>4.054/56</b> | <b>4.216 / 74</b> | <b>4.191 / 47</b> |



**Average AP Scores (with number of students) – 2016, 2015, and 2014 - Continued**

|                      |          |            |            |
|----------------------|----------|------------|------------|
| Spanish Lang/Culture | 4.000/12 | 4.600 / 5  | 3.222 / 9  |
| Statistics           | 4.286/14 | 4.267 / 15 | 4.222 / 18 |
| US Gov't /Politics   | 3.050/60 | 3.125 / 56 | 2.875 / 32 |
| US History           | 3.771/35 | 3.291 / 79 | 3.278 / 72 |
| World History        | 3.188/32 | 3.000 / 32 | -----      |
| French Language      | 3.400/5  | -----      | -----      |
| German Language      | 5.000/1  | -----      | -----      |
| Physics 1            | 2.712/52 | -----      | -----      |
| Physics 2            | 2.833/18 | -----      | -----      |

# AP Scores - GR vs. NJ and National 2016

| <u>Subject</u>       | <u>Glen Rock</u> | <u>NJ</u> | <u>National</u> |
|----------------------|------------------|-----------|-----------------|
| Biology              | 3.905            | 3.14      | 2.84            |
| Calculus AB          | 4.833            | 3.38      | 2.94            |
| Calculus BC          | 4.444            | 4.16      | 3.81            |
| Chemistry            | 4.308            | 3.04      | 2.64            |
| English Language     | 4.125            | 3.38      | 2.81            |
| Eng. Lit/Comp        | 3.162            | 3.07      | 2.75            |
| Environmental Sci.   | 2.889            | 2.82      | 2.55            |
| European History     | 3.267            | 3.10      | 2.75            |
| Latin                | 2.250            | 2.85      | 3.00            |
| Macroeconomics       | 2.824            | 3.23      | 2.83            |
| Microeconomics       | 2.788            | 3.17      | 3.04            |
| Physics C – Elec/Mag | 2.778            | 3.65      | 3.44            |
| Physics C – Mech.    | 3.667            | 3.77      | 3.54            |
| Psychology           | 4.054            | 3.34      | 3.06            |

## AP Scores - GR vs. NJ and National 2016 (continued)

| <u>Subject</u>       | <u>Glen Rock</u> | <u>NJ</u> | <u>National</u> |
|----------------------|------------------|-----------|-----------------|
| Spanish Lang/Culture | 4.000            | 3.80      | 3.77            |
| Statistics           | 4.286            | 3.29      | 2.86            |
| US Gov't /Politics   | 3.050            | 3.09      | 2.64            |
| US History           | 3.771            | 3.22      | 2.70            |
| World History        | 3.188            | 2.96      | 2.60            |
| French Language      | 3.400            | 3.10      | 3.25            |
| German Language      | 5.000            | 3.07      | 3.21            |
| Physics 1            | 2.712            | 2.50      | 2.29            |
| Physics 2            | 2.833            | 2.87      | 2.83            |
|                      |                  |           |                 |