

**PARCC RESULTS:  
SPRING 2015 AND SPRING 2016  
ADMINISTRATIONS**

**TOWNSHIP OF UNION PUBLIC SCHOOLS  
OCTOBER 18,2016**

Measuring  
College and  
Career  
Readiness

# 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**

# TOWNSHIP OF UNION PUBLIC SCHOOLS

## 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	10.2%	9.6%	19.4%	16.0%	25.7%	25.0%	39.1%	43.6%	5.6%	5.9%
Grade 4	7.8%	6.3%	15.8%	10.8%	22.6%	26.9%	44.0%	44.7%	9.8%	11.2%
Grade 5	7.9%	7.2%	13.0%	14.6%	30.0%	28.1%	43.2%	46.6%	6.0%	3.5%
Grade 6	7.4%	9.1%	19.1%	13.8%	32.4%	27.6%	36.4%	39.0%	4.7%	10.5%
Grade 7	13.0%	9.5%	15.2%	16.3%	27.3%	26.8%	31.6%	33.6%	13.0%	13.8%
Grade 8	13.0%	12.0%	20.1%	17.1%	26.1%	25.9%	35.1%	31.8%	5.7%	13.3%
Grade 9	18.3%	18.8%	25.5%	21.3%	30.1%	29.1%	23.6%	27.7%	2.4%	3.1%
Grade 10	32.1%	38.5%	20.3%	21.1%	19.6%	19.2%	24.3%	16.6%	3.7%	4.6%
Grade 11*	20.0%	33.5%	20.8%	23.5%	31.9%	22.3%	25.6%	18.3%	1.7%	2.4%

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

Notes: Percentages may not total 100 due to rounding.

# COMPARISON OF TOWNSHIP OF UNION PUBLIC SCHOOLS 2015-2016 SPRING PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY

	% Change in Level 1 and Level 2				% Change in Level 4 and Level 5			
	TOWNSHIP OF UNION PUBLIC SCHOOLS				TOWNSHIP OF UNION PUBLIC SCHOOLS			
Grade 3			X	4.0%			XX	4.8%
Grade 4			X	6.5%			XX	2.1%
Grade 5			XX	0.9%			XX	0.9%
Grade 6			X	3.6%			XX	8.4%
Grade 7			X	2.4%			XX	2.8%
Grade 8			X	4.0%			XX	4.3%
Grade 9			X	3.7%			XX	4.8%
Grade 10			XX	7.2%			X	6.8%
Grade 11*			XX	16.2%			X	6.6%

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

Percentages may not total 100 due to rounding.

- XX = indicates an increase of the % change from the previous year and where X = indicates a decrease of the % change from the previous year.

# TOWNSHIP OF UNION PUBLIC SCHOOLS 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	6.5%	<b>7.0%</b>	14.8%	<b>13.5%</b>	29.6%	<b>23.6%</b>	41.3%	<b>43.3%</b>	7.8%	<b>12.6%</b>
Grade 4	7.2%	<b>7.5%</b>	15.8%	<b>18.5%</b>	35.5%	<b>25.7%</b>	38.5%	<b>43.4%</b>	3.0%	<b>4.9%</b>
Grade 5	5.9%	<b>8.2%</b>	20.3%	<b>21.1%</b>	28.6%	<b>28.6%</b>	39.0%	<b>34.6%</b>	6.1%	<b>7.6%</b>
Grade 6	7.8%	<b>13.6%</b>	20.6%	<b>23.3%</b>	38.7%	<b>29.2%</b>	30.9%	<b>30.0%</b>	1.9%	<b>3.9%</b>
Grade 7	7.7%	<b>8.0%</b>	25.0%	<b>19.8%</b>	38.0%	<b>38.1%</b>	26.4%	<b>32.5%</b>	3.0%	<b>1.6%</b>
Grade 8*	29.4%	<b>23.0%</b>	27.2%	<b>28.8%</b>	28.5%	<b>31.3%</b>	14.9%	<b>16.9%</b>	0.0%	<b>0.0%</b>
Algebra I	16.7%	<b>13.0%</b>	29.1%	<b>23.0%</b>	27.5%	<b>26.8%</b>	24.3%	<b>36.2%</b>	2.4%	<b>1.0%</b>
Algebra II	40.5%	<b>38.2%</b>	27.0%	<b>31.0%</b>	20.4%	<b>17.8%</b>	12.1%	<b>13.0%</b>	0.0%	<b>0.0%</b>
Geometry	13.4%	<b>14.4%</b>	43.5%	<b>40.4%</b>	32.7%	<b>34.9%</b>	10.1%	<b>10.0%</b>	0.2%	<b>0.4%</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: Percentages may not total 100 due to rounding.

# COMPARISON OF TOWNSHIP OF UNION PUBLIC SCHOOLS 2015-2016 SPRING PARCC ADMINISTRATIONS MATHEMATICS

	% Change in Level 1 and Level 2				% Change in Level 4 and Level 5			
	DISTRICT GRADE LEVELS				DISTRICT GRADE LEVELS			
Grade 3			X	0.8%			XX	6.8%
Grade 4			XX	3.0%			XX	6.8%
Grade 5			XX	3.1%			X	2.9%
Grade 6			XX	8.5%			XX	1.1%
Grade 7			X	4.9%			XX	4.7%
Grade 8			X	4.8%			XX	2.0%
Algebra I*			X	9.8%			XX	10.5%
Algebra II			XX	1.7%			XX	0.9%
Geometry			X	2.1%			XX	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.

Percentages may not total 100 due to rounding.

- XX = indicates an increase of the % change from the previous year and where X= indicates a decrease of the % change from the previous year.

**COMPARISON OF TOWNSHIP OF UNION PUBLIC SCHOOLS  
STUDENTS TESTED  
SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS  
ENGLISH LANGUAGE ARTS/LITERACY**

	Students Tested		Difference
	2016	2015	
<b>Grade 3</b>	<b>512</b>	<b>443</b>	<b>69</b>
<b>Grade 4</b>	<b>490</b>	<b>500</b>	<b>-10</b>
<b>Grade 5</b>	<b>487</b>	<b>470</b>	<b>17</b>
<b>Grade 6</b>	<b>485</b>	<b>472</b>	<b>13</b>
<b>Grade 7</b>	<b>485</b>	<b>440</b>	<b>45</b>
<b>Grade 8</b>	<b>475</b>	<b>353</b>	<b>122</b>
<b>Grade 9</b>	<b>484</b>	<b>415</b>	<b>69</b>
<b>Grade 10</b>	<b>525</b>	<b>408</b>	<b>117</b>
<b>Grade 11*</b>	<b>498</b>	<b>360</b>	<b>138</b>
<b>TOTAL</b>	<b>4,441</b>	<b>3,861</b>	<b>580</b>

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

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

# COMPARISON OF TOWNSHIP OF UNION PUBLIC SCHOOLS STUDENTS TESTED SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS MATHEMATICS

	Students Tested		Year to Year Increase
	2016	2015	
Grade 3	517	446	71
Grade 4	491	501	-10
Grade 5	489	472	17
Grade 6	486	475	11
Grade 7	486	440	46
Grade 8*	313	235	78
Algebra I	578	461	117
Algebra II	445	348	97
Geometry	550	425	125
<b>TOTAL</b>	<b>4,355</b>	<b>3,803</b>	<b>552</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.

“Students Tested” represents individual valid test scores for Mathematics.



# QUESTIONS TO GUIDE PARCC DATA REFLECTION

- How will we use PARCC data to identify strengths and gaps that exist in our curriculum and instruction?
  - Administrators, Supervisors, and Teachers are looking at this data, along with other district grade level data to determine trends, patterns, and student misconceptions: Potential areas of strength and weakness will be identify.
  - Use the data to improve curriculum and instruction: Align curriculum and instructional practices to the standards and better scaffold student learning throughout students' educational career.

# QUESTIONS TO GUIDE PARCC DATA REFLECTION

- How will we use PARCC data as a tool to address areas in need of improvement or enhancement?
  - Provide professional development for teachers in Mathematics and English Language Arts: Identify areas of the curriculum that might need examination.
  - We will use PARCC data along with district level data to guide the allocation and alignment of resources (ex. facilities, technology, human resources, scheduling, professional development, etc.)

# QUESTIONS TO GUIDE PARCC DATA REFLECTION

- **How can we provide additional resources and support for our educators to meet the learning needs of all our students?**
  - **We have allocated collaborative team meetings with district administrators: Reflect on professional practices as it relates to curriculum and instruction.**
  - **Each school has allocated Professional Development Community (PLC) time for teachers to look at PARCC data: Instructional Planning, Student Learning Objectives (SLO), Learning Activities/Experiences (PBL), Vertical and Horizontal Formative and Summative Assessments, and Overall School Culture.**
  - **Provide Parent Workshops: Partnership in education: Encouraging student learning by providing opportunities and support needed for student success.**

# RESOURCES FOR PARENTS

- Information on the new 2015-16 PARCC Student Reports:  
[www.state.nj.us/education/assessment/parcc/scores/](http://www.state.nj.us/education/assessment/parcc/scores/)
- Understanding the student score reports (with translations):  
[understandthescore.org/](http://understandthescore.org/)