

**PARCC AND
NJ ASK 4TH GRADE SCIENCE
PUBLIC BOARD REPORT
SPRING 2015 AND SPRING 2016
ADMINISTRATIONS**

**ORADELL PUBLIC SCHOOL
WEDNESDAY, OCTOBER 19, 2016**

ORADELL ADMINISTRATIVE TEAM

**Measuring
College and
Career
Readiness**

NEW JERSEY'S STATEWIDE ASSESSMENT PROGRAM

- 2016 marks the 2nd 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.

WHAT IS IN THIS PRESENTATION?

- **Per N.J.A.C. 6A:8-4.3(a):**
 - Chief school administrators shall report preliminary and final results of annual assessments to district boards of education within 60 days of receipt of information from the Department
- **Statewide and district level scores only**
 - State comparisons to subgroup data rumored to be released in November
- **NJDOE and OPS PARCC participation rates**
 - Grade level (horizontal) versus cohort (diagonal) analysis
- **NJASK 4th grade results for OPS students 14-15, 15-16**
- **PARCC performance levels by range (Level 1-5)**
- **PARCC state-wide and OPS data for ELA**
 - LinkIt! Mobility Tree Charts by cohort
- **PARCC state-wide and OPS data for Math**
 - LinkIt! Mobility Tree Charts by cohort
- **PARCC reflection questions**
- **PARCC parent resources**

COMPARISON OF NEW JERSEY STUDENTS TESTED SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY BY GRADE

	Students Tested		Year to Year Increase by Grade Level
	2015-2016	2014-2015	
Grade 3	99,045 ←	95,227	3,818 (+4%)
Grade 4	96,823 ←	93,769	3,054 (+3.3%)
Grade 5	95,760 ←	94,599	1,161 (+1.2%)
Grade 6	96,896 ←	92,578	4,318 (+4.7%)

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 ENGLISH LANGUAGE ARTS/LITERACY BY COHORT

	Students Tested		Cohort Increase Per Year
	2015-2016	2014-2015	
Grade 3	99,045	95,227	n/a
Grade 4	96,823	93,769	+1,596 (+1.6%)
Grade 5	95,760	94,599	+1,991 (+2.1%)
Grade 6	96,896	92,578	+2,297 (+2.4%)

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

**COMPARISON OF ORADELL PUBLIC SCHOOL'S
STUDENTS TESTED
SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS
ENGLISH LANGUAGE ARTS/LITERACY BY GRADE**

	Students Tested		Difference By Grade Level
	2015-2016	2014-2015	
Grade 3	115 ←	86	+29 (+33%)
Grade 4	92 ←	110	-18 (-16.4%)
Grade 5	112 ←	103	+9 (+8.7%)
Grade 6	106 ←	106	+0 (0%)

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

**COMPARISON OF ORADELL PUBLIC SCHOOL'S
STUDENTS TESTED
SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS
ENGLISH LANGUAGE ARTS/LITERACY BY COHORT**

	Students Tested		Difference by Cohort
	2015-2016	2014-2015	
Grade 3	115	86	n/a
Grade 4	92	110	+6 (+7%)
Grade 5	112	103	+2 (+1.8%)
Grade 6	106	106	+3 (+2.9%)

Note: "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 BY GRADE

	Students Tested		Year to Year Increase by Grade Level
	2015-2016	2014-2015	
Grade 3	99,846 ←	95,932	3,914 (+4%)
Grade 4	97,620 ←	94,484	3,136 (+3.3%)
Grade 5	96,449 ←	95,293	1,156 (+1.2%)
Grade 6	97,546 ←	93,128	4,418 (+4.7%)

Notes: Data shown is preliminary. "Students Tested" represents individual valid test scores for Mathematics.

COMPARISON OF NEW JERSEY STUDENTS TESTED SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS MATHEMATICS BY COHORT

	Students Tested		Year to Year Increase by Cohort
	2015-2016	2014-2015	
Grade 3	99,846	95,932	n/a
Grade 4	97,620	94,484	+1,688 (+1.8%)
Grade 5	96,449	95,293	+1,965 (+2.1%)
Grade 6	97,546	93,128	+2,253 (+2.4%)

Notes: Data shown is preliminary. "Students Tested" represents individual valid test scores for Mathematics.

**COMPARISON OF ORADELL PUBLIC SCHOOL'S
STUDENTS TESTED
SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS
MATHEMATICS BY GRADE**

	Students Tested		Year to Year Increase by Grade Level
	2016	2015	
Grade 3	116 ←	86	+30 (+34.9%)
Grade 4	93 ←	112	-19 (-17%)
Grade 5	114 ←	103	+11 (10.7%)
Grade 6	106 ←	106	+0 (0%)

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

COMPARISON OF NEW JERSEY STUDENTS TESTED SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS MATHEMATICS BY COHORT

	Students Tested		Year to Year Increase by Cohort
	2015-2016	2014-2015	
Grade 3	116	86	n/a
Grade 4	93	112	+7 (+8.1%)
Grade 5	114	103	+2 (+1.8%)
Grade 6	106	106	+3 (+2.9%)

Notes: Data shown is preliminary. "Students Tested" represents individual valid test scores for Mathematics.

NJ ASK 4TH GRADE SCIENCE RESULTS

	Partially Proficient (0-199)	Proficient (200-249)	Advanced Proficient (250-300)
2014-2015 (116 students tested)	3 students (2.6%)	42 students (36.3%)	69 students (59.5%)
2015-2016 (95 students tested)	1 student (1.1%)	30 students (31.6%)	64 students (67.4%)

Percentages may not total 100 due to rounding.

PARCC PERFORMANCE LEVELS

- **Level 1: Not yet meeting grade-level expectations (650-699)**
- **Level 2: Partially meeting grade-level expectations (700-724)**
- **Level 3: Approaching grade-level expectations (725-749)**
- **Level 4: Meeting grade-level expectations**
 - 750-809 for 3rd grade ELA and 750-789 for 3rd grade Math
 - 750-789 for 4th grade ELA and 750-795 for 4th grade Math
 - 750-798 for 5th grade ELA and 750-789 for 5th grade Math
 - 750-789 for 6th grade ELA and 750-787 for 6th grade Math
- **Level 5: Exceeding grade-level expectations**
 - 810-850 for 3rd grade ELA and 790-850 for 3rd grade Math
 - 790-850 for 4th grade ELA and 796-850 for 4th grade Math
 - 799-850 for 5th grade ELA and 790-850 for 5th grade Math
 - 790-850 for 6th grade ELA and 788-850 for 6th grade Math

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)
	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016		
Grade 3	15.1%	13.5%	17.8%	16.0%	23.7%	23.0%	38.6%	41.3%	4.9%	6.2%	↓ 3.4%	↑ 4.1%
Grade 4	7.8%	8.2%	14.5%	13.5%	26.6%	24.8%	39.4%	40.8%	11.7%	12.7%	↓ 0.6%	↑ 2.4%
Grade 5	7.2%	6.7%	15.1%	14.7%	26.1%	25.3%	45.1%	46.4%	6.4%	6.9%	↓ 0.9%	↑ 1.7%
Grade 6	7.9%	7.5%	15.5%	14.1%	27.8%	26.2%	39.7%	41.3%	9.1%	11.0%	↓ 1.9%	↑ 3.5%

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

COMPARISON OF ORADELL PUBLIC SCHOOL'S SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY BY GRADE

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016	2014 - 2015	2015-2016	2014-2015	2015-2016
Grade 3	1%	5%	14%	9%	31%	16%	48%	59%	6%	11%
Grade 4	0%	0%	4%	3%	18%	21%	59%	64%	19%	12%
Grade 5	0%	0%	8%	4%	18%	14%	59%	55%	15%	27%
Grade 6	0%	1%	5%	8%	14%	24%	59%	50%	22%	17%

Notes: Percentages may not total 100 due to rounding.

COMPARISON OF ORADELL PUBLIC SCHOOL'S SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY BY GRADE BY COHORT

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016
Grade 3	1%	5%	14%	9%	31%	16%	48%	59%	6%	11%
Grade 4	0%	0%	4%	3%	18%	21%	59%	64%	19%	12%
Grade 5	0%	0%	8%	4%	18%	14%	59%	55%	15%	27%
Grade 6	0%	1%	5%	8%	14%	24%	59%	50%	22%	17%

Notes: Percentages may not total 100 due to rounding.

COMPARISON OF ORADELL PUBLIC SCHOOL'S COHORT GROWTH 2015-2016 SPRING PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS BY COHORT

	% Change in Level 1 and Level 2						% Change in Level 4 and Level 5							
	2014-2015		2015-2016		OPS	State %	2014-2015		2015-2016		OPS	State		
(May 2016 Testing Grade)	Lvl 1	Lvl 2	Lvl 1	Lvl 2			Lvl 4	Lvl 5	Lvl 4	Lvl 5				
Class of 2019 (3 rd Grade)	n/a	n/a	5%	9%	n/a		n/a	n/a	59%	11%	n/a	n/a		
Class of 2018 (4 th Grade)	1%	14%	0%	3%	-12%	↓	11.2%	48%	6%	64%	12%	+22%	↑	10%
Class of 2017 (5 th Grade)	0%	4%	0%	4%	0%	↓	.9%	59%	19%	55%	27%	+4%	↑	2.2%
Class of 2016 (6 th Grade)	0%	8%	1%	8%	+1%	↓	.7%	59%	15%	50%	17%	-7%	↑	.8%

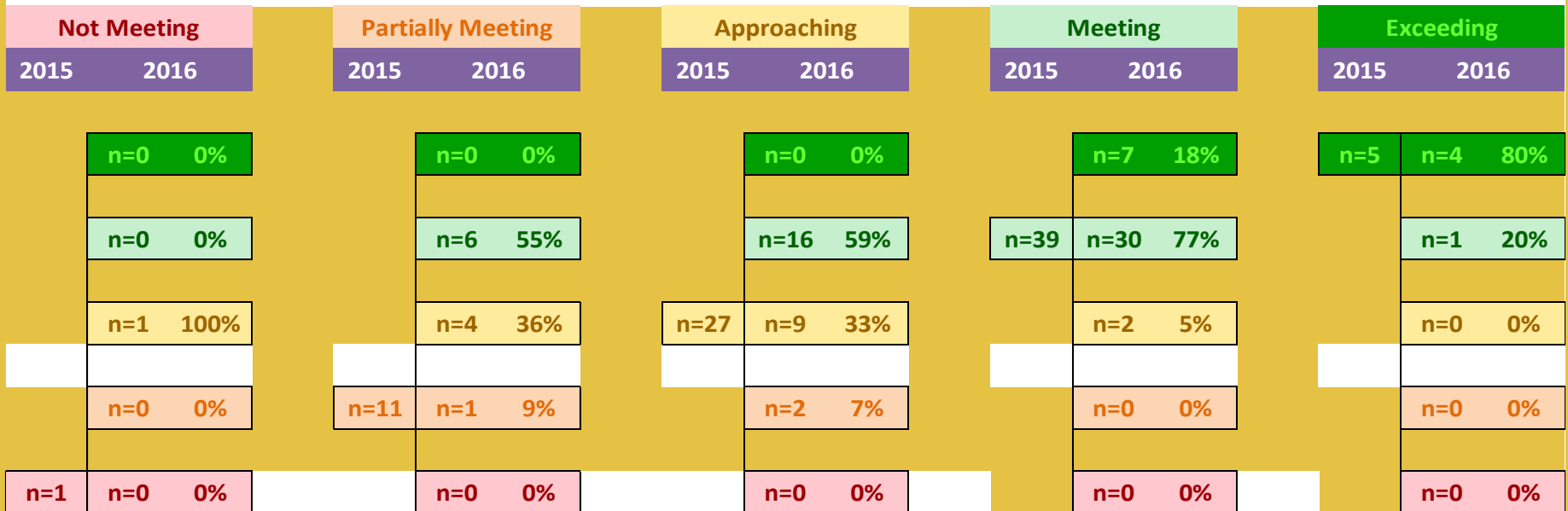
Notes: Percentages may not total 100 due to rounding.

- An up arrow indicates an increase of the % change from the previous year where a down arrow shows a decrease of the % change from the previous year.

ELA ACHIEVEMENT MOBILITY TREE CHART

2015-2016 PARCC (GRADE 3-4 COHORT)

		2015 PARCC Level:				
Year-to-Year Change:		Not Meeting	Partially Meeting	Approaching	Meeting	Exceeding
Up 2+ Levels		100%	55%	0%		
Up 1 Level		0%	36%	59%	18%	
Same		0%	9%	33%	77%	80%
Down 1 Level			0%	7%	5%	20%
Down 2+ Levels				0%	0%	0%



ELA ACHIEVEMENT MOBILITY TREE CHART

2015-2016 PARCC (GRADE 4-5 COHORT)

Year-to-Year Change:	2015 PARCC Level:				
	Not Meeting	Partially Meeting	Approaching	Meeting	Exceeding
Up 2+ Levels	-	33%	0%		
Up 1 Level	-	67%	53%	23%	
Same	-	0%	32%	66%	75%
Down 1 Level		0%	16%	11%	25%
Down 2+ Levels			0%	0%	0%

Not Meeting		Partially Meeting		Approaching		Meeting		Exceeding	
2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
n=0	0%	n=0	0%	n=0	0%	n=14	23%	n=20	n=15 75%
n=0	0%	n=1	33%	n=10	53%	n=62	n=41 66%	n=5	25%
n=0	0%	n=2	67%	n=19	n=6 32%	n=7	11%	n=0	0%
n=0	0%	n=3	n=0 0%	n=3	16%	n=0	0%	n=0	0%
n=0	0%	n=0	0%	n=0	0%	n=0	0%	n=0	0%

ELA ACHIEVEMENT MOBILITY TREE CHART

2015-2016 PARCC (GRADE 5-6 COHORT)

Year-to-Year Change:	2015 PARCC Level:				
	Not Meeting	Partially Meeting	Approaching	Meeting	Exceeding
Up 2+ Levels	-	0%	0%		
Up 1 Level	-	63%	16%	11%	
Same	-	38%	53%	72%	67%
Down 1 Level		0%	26%	15%	33%
Down 2+ Levels			5%	2%	0%

Not Meeting		Partially Meeting		Approaching		Meeting		Exceeding	
2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
n=0	0%	n=0	0%	n=0	0%	n=7	11%	n=15	n=10 67%
n=0	0%	n=0	0%	n=3	16%	n=61	n=44 72%	n=5	33%
n=0	0%	n=5	63%	n=19	n=10 53%	n=9	15%	n=0	0%
n=0	0%	n=8	n=3 38%	n=5	26%	n=1	2%	n=0	0%
n=0	0%	n=0	0%	n=1	5%	n=0	0%	n=0	0%

ELA TAKEAWAYS

- Cohort percentage decreases consistent with state averages in the “Not Meeting” and “Partially Meeting” scoring ranges in grades 4, 5, and 6
- Positive cohort percentage growth in the “Meeting” and “Exceeding” scoring ranges in grades 4 and 5 last year
- Continue to focus on students in the “Approaching” range
- Continue to focus on differentiating instruction in classrooms
- Continue to develop teacher efficiency when incorporating new curriculums, materials and state mandates
- Continue to use LinkIt! to identify trends and students

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)
	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016		
Grade 3	8.3%	8.1%	18.5%	15.9%	28.3%	24.3%	36.9%	39.0%	8.0%	12.7%	↓ 2.8%	↑ 6.8%
Grade 4	7.2%	8.0%	21.9%	18.6%	30.3%	26.8%	36.3%	41.2%	4.3%	5.4%	↓ 2.5%	↑ 5.9%
Grade 5	6.1%	6.2%	20.7%	18.3%	32.1%	28.2%	34.9%	38.4%	6.1%	8.8%	↓ 2.3%	↑ 6.2%
Grade 6	7.6%	8.9%	21.4%	19.1%	30.2%	29.1%	34.8%	35.6%	6.0%	7.3%	↓ 1.0%	↑ 2.2%

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

COMPARISON OF ORADELL PUBLIC SCHOOL'S SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS MATHEMATICS BY GRADE

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016
Grade 3	0%	2%	7%	3%	27%	26%	52%	51%	14%	19%
Grade 4	0%	1%	9%	10%	23%	12%	59%	72%	9%	5%
Grade 5	0%	0%	4%	5%	28%	16%	52%	46%	16%	33%
Grade 6	0%	2%	7%	8%	19%	31%	62%	45%	12%	14%

Notes: Percentages may not total 100 due to rounding.

COMPARISON OF ORADELL PUBLIC SCHOOL'S SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS MATHEMATICS BY GRADE BY COHORT

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016	2014-2015	2015-2016
Grade 3	0%	2%	7%	3%	27%	26%	52%	51%	14%	19%
Grade 4	0%	1%	9%	10%	23%	12%	59%	72%	9%	5%
Grade 5	0%	0%	4%	5%	28%	16%	52%	46%	16%	33%
Grade 6	0%	2%	7%	8%	19%	31%	62%	45%	12%	14%

Notes: Percentages may not total 100 due to rounding.

COMPARISON OF ORADELL PUBLIC SCHOOL'S COHORT GROWTH 2015-2016 SPRING PARCC ADMINISTRATIONS MATHEMATICS BY COHORT

(May 2016 Testing Grade)	% Change in Level 1 and Level 2						% Change in Level 4 and Level 5							
	2014-2015		2015-2016		OPS	State	2014-2015		2015-2016		OPS	State		
	Lvl 1	Lvl 2	Lvl 1	Lvl 2			Lvl 4	Lvl 5	Lvl 4	Lvl 5				
Class of 2019 (3 rd Grade)	n/a	n/a	2%	3%			n/a	n/a	51%	19%				
Class of 2018 (4 th Grade)	0%	7%	1%	10%	+4%	↓	.2%	52%	14%	72%	5%	+11%	↑	1.7%
Class of 2017 (5 th Grade)	0%	9%	0%	5%	-4%	↓	4.6%	59%	9%	46%	33%	+11%	↑	6.6%
Class of 2016 (6 th Grade)	0%	4%	2%	8%	+6%	↓	1.2%	52%	16%	45%	14%	-9%	↑	1.9%

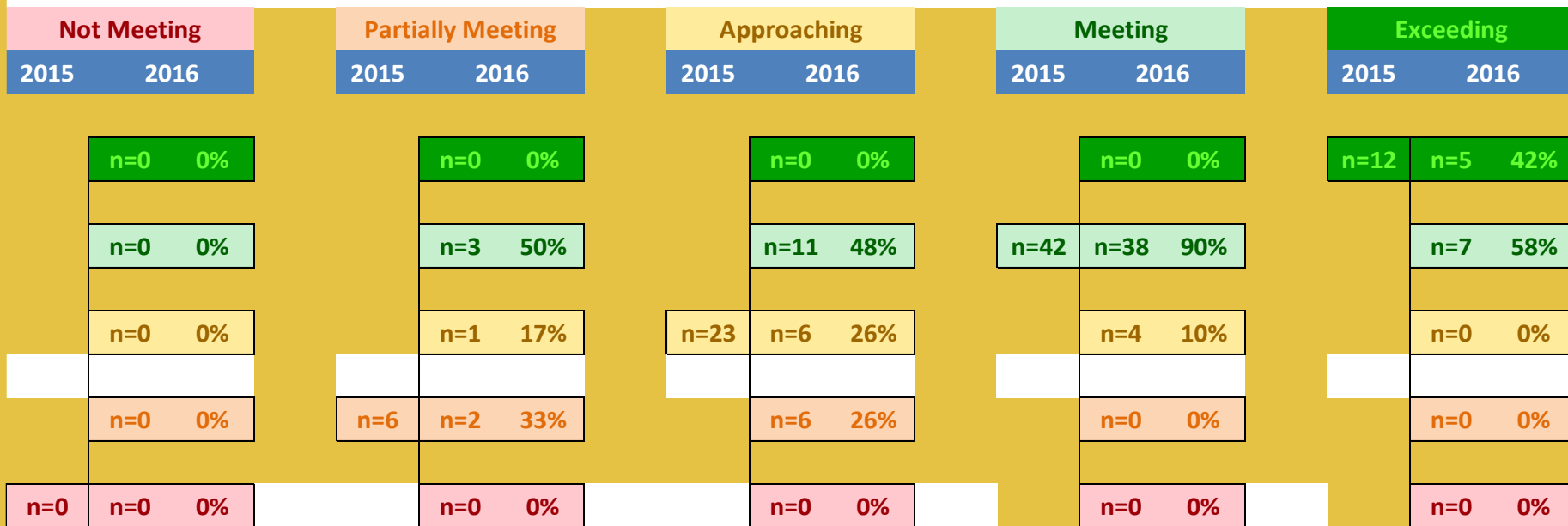
Notes: Percentages may not total 100 due to rounding.

- An up arrow indicates an increase of the % change from the previous year where a down arrow shows a decrease of the % change from the previous year.

MATH ACHIEVEMENT MOBILITY TREE CHART

2015-2016 PARCC (GRADE 3-4 COHORT)

Year-to-Year Change:	2015 PARCC Level:				
	Not Meeting	Partially Meeting	Approaching	Meeting	Exceeding
Up 2+ Levels	-	50%	0%		
Up 1 Level	-	17%	48%	0%	
Same	-	33%	26%	90%	42%
Down 1 Level		0%	26%	10%	58%
Down 2+ Levels			0%	0%	0%



MATH ACHIEVEMENT MOBILITY TREE CHART

2015-2016 PARCC (GRADE 4-5 COHORT)

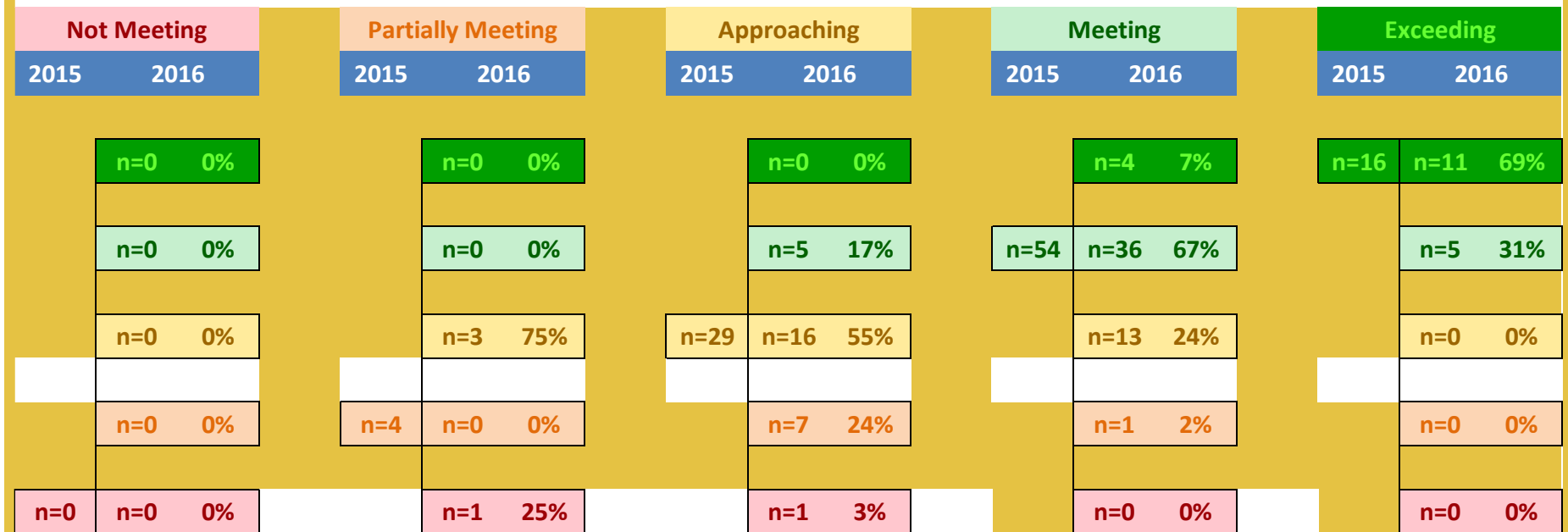
Year-to-Year Change:	2015 PARCC Level:				
	Not Meeting	Partially Meeting	Approaching	Meeting	Exceeding
Up 2+ Levels	-	20%	4%		
Up 1 Level	-	60%	58%	37%	
Same	-	20%	21%	56%	100%
Down 1 Level		0%	17%	8%	0%
Down 2+ Levels			0%	0%	0%

Not Meeting		Partially Meeting		Approaching		Meeting		Exceeding	
2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
n=0	0%	n=0	0%	n=1	4%	n=23	37%	n=10	n=10 100%
n=0	0%	n=2	20%	n=14	58%	n=63	n=35 56%	n=0	0%
n=0	0%	n=6	60%	n=24	n=5 21%	n=5	8%	n=0	0%
n=0	0%	n=10	n=2 20%	n=4	17%	n=0	0%	n=0	0%
n=0	0%	n=0	0%	n=0	0%	n=0	0%	n=0	0%

MATH ACHIEVEMENT MOBILITY TREE CHART

2015-2016 PARCC (GRADE 5-6 COHORT)

Year-to-Year Change:	2015 PARCC Level:				
	Not Meeting	Partially Meeting	Approaching	Meeting	Exceeding
Up 2+ Levels	-	0%	0%		
Up 1 Level	-	75%	17%	7%	
Same	-	0%	55%	67%	69%
Down 1 Level		25%	24%	24%	31%
Down 2+ Levels			3%	2%	0%



MATH TAKEAWAYS

- Cohort percentage decreases consistent with state averages in the “Not Meeting” and “Partially Meeting” scoring ranges in grades 4 and 5
- Positive cohort growth in the “Meeting” and “Exceeding” scoring range in grades 4 and 5 last year
- Continue to focus on students in the “Approaching” range
- Continue to focus on differentiating instruction in classrooms
- Continue to develop teacher efficiency when incorporating new curriculums, materials and state mandates
- Continue to use LinkIt! to identify trends and students

SOME QUESTIONS TO GUIDE PARCC DATA REFLECTION

- 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?

RESOURCES FOR PARENTS

- River Dell, River Edge and Oradell jointly sent home PARCC and NJ ASK score reports to families Monday September 26, 2016
- Information on the new 2015-16 PARCC Student Reports: www.state.nj.us/education/assessment/parcc/scores/
- Understanding the student score reports (with translations): understandthescore.org/

