

**PARCC Results:  
Spring 2018  
Administrations**

**Denville Township  
October 8, 2018**

Measuring  
College and  
Career  
Readiness

**COMPARISON OF DENVILLE TOWNSHIP  
 SPRING 2016, SPRING 2017, & SPRING 2018  
 PARCC ADMINISTRATIONS  
 ENGLISH LANGUAGE ARTS/LITERACY - PERCENTAGES**

Grade	Not Yet Meeting Expectation (Level 1)			Partially Meeting Expectations (Level 2)			Approaching Expectations (Level 3)			Meeting Expectations (Level 4)			Exceeding Expectations (Level 5)			Total Proficient 2018
	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	
3	2	5	2	7	6	5	23	19	11	54	52	56	13	18	27	83%
4	0	1	2	6	3	5	13	11	8	45	51	45	36	34	42	87%
5	0	.5	0	5	4	2	12	15	9	66	52	62	17	29	27	89%
6	2	2	1	7	5	8	20	16	15	50	61	46	21	17	30	76%
7	3	2	2	3	5	2	12	9	7	41	36	37	42	49	53	90%
8	0	0	.5	1	2	2	12	12	12	46	47	43	41	39	43	86%

**\*\*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 **DENVILLE TOWNSHIP** SPRING 2015, SPRING 2016, & SPRING 2017 PARCC ADMINISTRATIONS MATHEMATICS - PERCENTAGES

Grade	Not Yet Meeting Expectations (Level 1)			Partially Meeting Expectations (Level 2)			Approaching Expectations (Level 3)			Meeting Expectations (Level 4)			Exceeding Expectations (Level 5)			Total Proficient 2018
	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	
3	2	4	.5	5	5	5	23	17	16	54	47	53	15	27	26	79%
4	1	4	.6	14	7	8	17	21	21	59	57	56	9	11	14	70%
5	1	2	.6	10	8	5	30	18	26	47	59	52	12	13	16	68%
6	6	2	2	10	14	12	26	30	24	51	45	50	7	10	12	62%
7	1	3	4	17	11	12	39	35	34	43	49	48	0	1	3	50%
8*	4	6	9	16	19	23	36	35	32	43	40	36	1	1	0	36%
ALG I	0	0	0	0	0	0	1	7	12	83	81	83	16	12	4	88%
GEO	0	0	0	0	0	0	0	0	3	34	69	74	66	31	22	96%

\*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.

# 2017 TO 2018 COMPARISON PARCC OUTCOMES ENGLISH LANGUAGE ARTS/LITERACY DENVER- NUMBER OF STUDENTS

	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% >= Level 4
<b>2017 Grade 3</b> 170 students	5% 8	6% 10	19% 33	52% 88	18% 31	70% 119
<b>2018</b> 184 students	2% 3	5% 9	11% 20	55% 102	27% 50	83% 152
<b>2017 Grade 4</b> 170 students	1% 2	3% 5	11% 19	51% 86	34% 58	85% 144
<b>2018</b> 174 Students	2% 3	5% 8	8% 13	45% 78	41% 72	86% 150
<b>2017 Grade 5</b> 200 students	.5% 1	4% 8	15% 30	52% 104	29% 57	81% 161
<b>2018</b> 173 Students	0% 0	2% 4	8% 15	62% 108	27% 46	89% 154

# 2017 TO 2018 COMPARISON PARCC OUTCOMES ENGLISH LANGUAGE ARTS/LITERACY DENVER

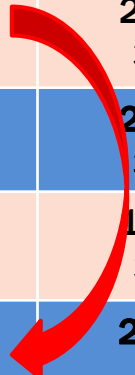
	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% >= Level 4
2017 Grade 6 175 students	2% 3	5% 8	16% 28	61% 107	17% 29	78% 136
2018 216 Students	1% 3	8% 17	15% 32	46% 99	30% 65	76% 164
2017 Grade 7 187 students	2% 4	5% 9	9% 16	36% 67	49% 91	85% 158
2018 177 Students	2% 4	2% 3	7% 12	37% 65	53% 93	90% 158
2017 Grade 8 194 students	0% 0	2% 4	12% 23	47% 91	39% 76	86% 167
2018 188 students	.5% 1	2% 4	12% 22	43% 80	43% 81	86% 161

# 2017 TO 2018 COMPARISON PARCC OUTCOMES

## MATHEMATICS 3-5

### DENVER

	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% >= Level 4
<b>2017 Grade 3</b> 171 students	4% 7	5% 8	17% 30	47% 80	27% 46	74% 126
<b>2018</b> 186 students	5% 1	5% 9	16% 29	53% 98	26% 49	79% 147
<b>2017 Grade 4</b> 170 students	4% 7	7% 12	21% 35	57% 97	11% 19	68% 116
<b>2018</b> 174 students	6% 1	8% 14	21% 37	56% 98	14% 24	70% 122
<b>2017 Grade 5</b> 201 students	2% 4	8% 16	18% 37	59% 118	13% 26	72% 144
<b>2018</b> 174 students	6% 1	5% 9	26% 45	52% 91	16% 28	68% 119

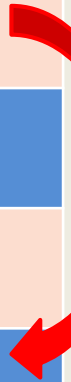


# 2017 TO 2018 COMPARISON PARCC OUTCOMES

## MATHEMATICS 6-7

### DENVILLE

	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% >= Level 4
2017 Grade 6 175 students	2% 3	14% 24	30% 52	45% 79	10% 17	55% 96
2018 217 students	2% 5	12% 25	24% 52	50% 109	12% 26	62% 135
2017 Grade 7 162 students	3% 5	11% 18	35% 57	49% 80	1% 2	51% 82
2018 149 students	4% 6	12% 18	34% 50	48% 71	3% 4	50% 75



# 2017 TO 2018 COMPARISON PARCC OUTCOMES

## MATHEMATICS 8, ALGEBRA, GEOMETRY

### DENVER

	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% >= Level 4
<b>2017 Grade 8</b> 118 students	6% 7	19% 22	35% 41	40% 47	1% 1	41% 48
<b>2018</b> 92 students	10% 9	23% 21	32% 29	36% 33	0% 0	36% 33
<b>2017 Algebra 1</b> 75 students	0% 0	0% 0	7% 5	81% 61	12% 9	93% 70
<b>2018</b> 99 students	0% 0	0% 0	12% 12	84% 83	4% 4	88% 87
<b>2017 Geometry</b> 29 students	0% 0	0% 0	0% 0	69% 20	31% 29	100% 29
<b>2018</b> 27 students	0% 0	0% 0	4% 1	74% 20	22% 6	96% 26



# 2018 COMPARISON PARCC OUTCOMES

## ELA- STUDENTS WITH DISABILITIES SUBGROUP

	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% >= Level 4
<b>2018 Grade 3</b> 154 Students	0.6% 1	3% 4	6% 9	60% 93	31% 47	91% 140
<b>2018 Grade 3 IEP</b> 30 Students	7% 2	17% 5	37% 11	30% 9	10% 3	40% 12
<b>2018 Grade 4</b> 136 students	0% 0	0.7% 1	4% 5	44% 60	52% 70	96% 130
<b>2018 Grade 4 IEP</b> 38 Students	8% 3	18% 7	21% 8	47% 18	5% 2	53% 20
<b>2018 Grade 5</b> 142 students	0% 0	0.7% 1	4% 5	64% 91	32% 45	96% 136
<b>2018 Grade 5 IEP</b> 31 students	0% 0	10% 3	32% 10	55% 17	3% 1	58% 18

# 2018 COMPARISON PARCC OUTCOMES

## ELA- STUDENTS WITH DISABILITIES SUBGROUP

	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% >= Level 4
<b>2018 Grade 6</b> 175 Students	0% 0	3% 5	11% 19	49% 86	37% 65	86% 151
<b>2018 Grade 6 IEP</b> 41 Students	7% 3	29% 12	32% 13	32% 13	0% 0	32% 13
<b>2018 Grade 7</b> 142 students	0% 0	0% 0	3% 4	35% 49	63% 89	97% 138
<b>2018 Grade 7 IEP</b> 35 Students	11% 4	9% 3	23% 8	46% 16	11% 4	57% 20
<b>2018 Grade 8</b> 157 students	0% 0	1% 2	5% 7	43% 67	44% 81	94% 148
<b>2018 Grade 8 IEP</b> 31 students	3.2% 1	7% 2	48% 15	42% 13	0% 0	41.9% 13

# 2018 COMPARISON PARCC OUTCOMES

## MATH- STUDENTS WITH DISABILITIES SUBGROUP

### GRADES 3-5

	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% >= Level 4
2018 Grade 3 156 students	0.6% 1	3% 5	12% 19	53% 83	31% 48	84% 131
2018 IEP 30 students	0% 0	13% 4	33% 10	50% 15	3% 1	53% 16
2017 Grade 4 136 students	0% 0	2% 3	17% 23	63% 86	18% 24	81% 110
2018 IEP 38 students	3% 1	29% 11	37% 14	32% 12	0% 0	32% 12
2017 Grade 5 143 students	0% 0	3% 4	21% 30	57% 81	20% 28	76% 109
2018 IEP 31 students	3% 1	16% 5	48% 15	32% 10	0% 0	32% 10

# 2018 COMPARISON PARCC OUTCOMES

## MATH- STUDENTS WITH DISABILITIES SUBGROUP

### GRADES 6-8

	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% >= Level 4
2018 Grade 6 175 students	0% 0	3% 6	23% 41	58% 102	15% 26	73% 128
2018 Grade 6 IEP 42 Students	12% 5	45% 19	26% 11	17% 7	0% 0	17% 7
2018 Grade 7 75 students	2% 2	7% 8	31% 35	57% 65	4% 4	61% 69
2018 Grade 7 IEP 35 Students	11% 4	29% 10	43% 15	17% 6	0% 0	17% 6
2018 Grade 8 63 students	0% 0	21% 13	32% 20	48% 30	0% 0	48% 30
2018 Grade 8 IEP 29 Students	31% 9	28% 8	31% 9	10% 3	0% 0	10% 3

# 2018 COMPARISON PARCC OUTCOMES

## MATH- STUDENTS WITH DISABILITIES SUBGROUP

### ALGEBRA 1

	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% >= Level 4
<b>2018 Algebra 1 97 students</b>	<b>0%</b> <b>0</b>	<b>0%</b> <b>0</b>	<b>12%</b> <b>12</b>	<b>84%</b> <b>83</b>	<b>4%</b> <b>4</b>	<b>88%</b> <b>85</b>
<b>2018 Algebra 1 IEP 2 Students</b>	<b>0%</b> <b>0</b>	<b>0%</b> <b>0</b>	<b>0%</b> <b>0</b>	<b>100%</b> <b>2</b>	<b>0%</b> <b>0</b>	<b>100%</b> <b>2</b>

# HIGHLIGHTS & IMPROVEMENTS

- Grade 4 Cohort improved from 70% proficient in 2017 to 86% proficient in 2018 (ELA)
- Grade 7 Cohort improved from 78% proficient in 2017 to 90% proficient in 2018 (ELA)
- Geometry students 96% proficient
- 99 students took Algebra 1 = 88% proficient
- Students that were not proficient, still moving up levels of proficiency
- 89%-90% Proficient in ELA in grades 5 & 7

# AREAS FOR GROWTH

- **Grades 4-8 math below 75% proficient**
- **8<sup>th</sup> grade math 36% proficient**
- **Special Education Subgroups Math and ELA**

# STRATEGIES TO ADDRESS DEFICIENCIES

- Adopt Big Ideas Math 6-8
- Revise K-8 Math Curriculum
- Utilize Staff in their areas of strength
- Multisensory Math Training
- Incorporate manipulatives/hands-on approach to math
- Math Workshop model K-5 (2 blocks of math)
- Implement readiness assessments
- Implement PARCC type benchmarks 3-8 (ELA & Math)
- Identify Lexile Reading levels 6-8
- Newsela as supplemental resource
- Elementary Special Education teachers grade specific