

PARCC Results Spring 2018

Barrington School District
Board Presentation
September 17, 2018

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Measuring
College and
Career
Readiness

PARCC PERFORMANCE SCALE: ELA & MATH

■ 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	750-789
■ Level 5: Exceeding grade-level expectations	790-850

ELA

Reading:
Literary
Information
Vocabulary

Writing:
Expression
Conventions

Comparison of **Barrington's** Number of Students Tested Spring 2017 & Spring 2018 PARCC Administrations English Language Arts/Literacy

Grade	Students Tested 2018	Students Tested 2017	Difference between number of students tested in 2017 and 2018
3	54	61	-13
4	58	62	-4
5	53	73	-20
6	70	66	+4
7	71	66	+5
8	68	41	+27

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

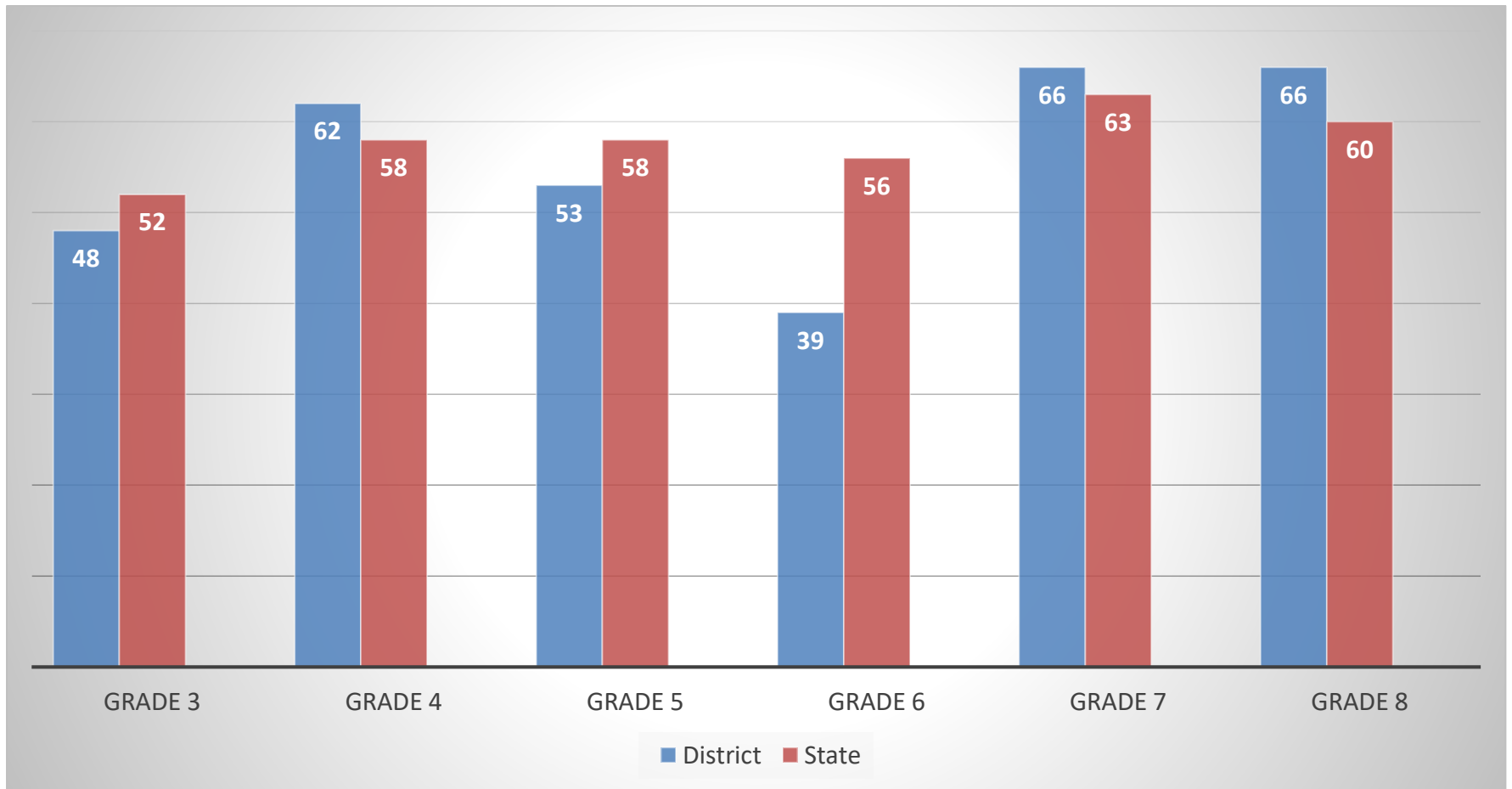
Note: "Students Tested" represents individual valid test scores for English Language Arts/Literacy.

Barrington's

2018 Spring PARCC School- & Grade-Level Outcomes English Language Arts/Literacy - Percentages

ELA	Not Yet Meeting Expectations (Level 1)	Partially Meeting Expectations (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% of students at Level 4 and 5
Grade 3	7.4	18.5	25.9	44.4	3.7	48.1
Grade 4	5.2	6.9	25.9	48.3	13.8	62.1
Grade 5	3.8	15.1	28.3	49.1	3.8	52.9
Grade 6	7.1	14.3	40.0	38.6	0.0	38.6
Grade 7	2.8	8.5	22.5	35.2	31.0	66.2
Grade 8	2.9	5.9	25.0	51.5	14.7	66.2

DISTRICT/STATE COMPARISON ELA (% SCORES ≥ 750)



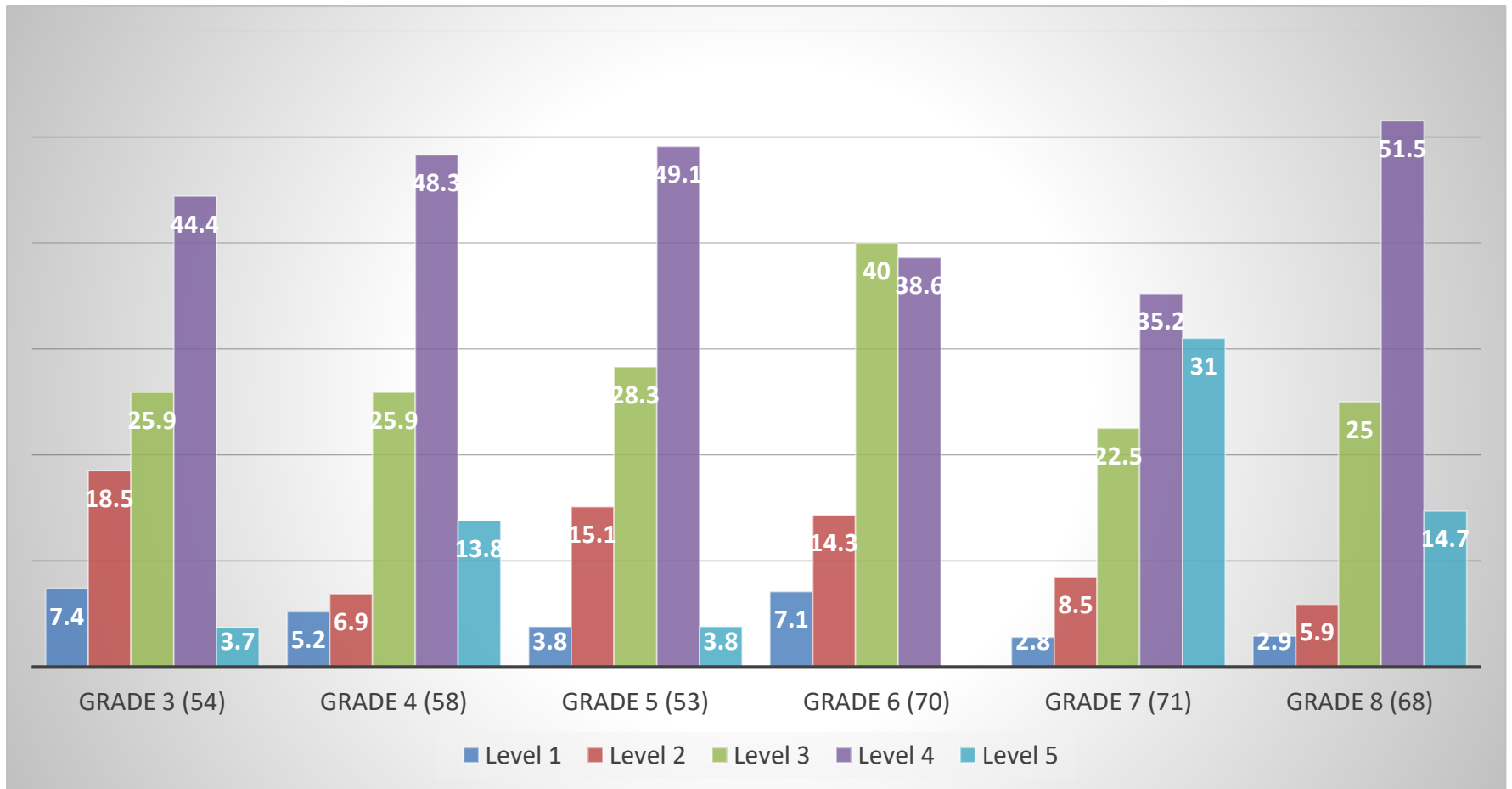
Comparison of **Barrington's** Spring 2016, Spring 2017 & Spring 2018 PARCC Administrations English Language Arts/Literacy - Percentages

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
3	3	4	4	14	11	10	19	19	14	25	27	24	0	0	2	-3%	+1%
4	4	2	3	5	7	4	20	19	15	28	31	28	1	3	8	-2%	+7%
5	2	4	2	10	10	8	21	31	15	31	25	26	0	3	2	-2%	-3%
6	4	5	5	7	6	10	22	21	28	21	32	27	0	2	0	+4%	+6%
7	5	3	2	6	5	6	13	17	16	11	33	25	1	8	22	-3%	+35%
8	4	1	2	7	5	4	17	10	17	31	21	35	5	4	10	-5%	+9%

*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.

PARCC 2018 ELA Percentages by Level



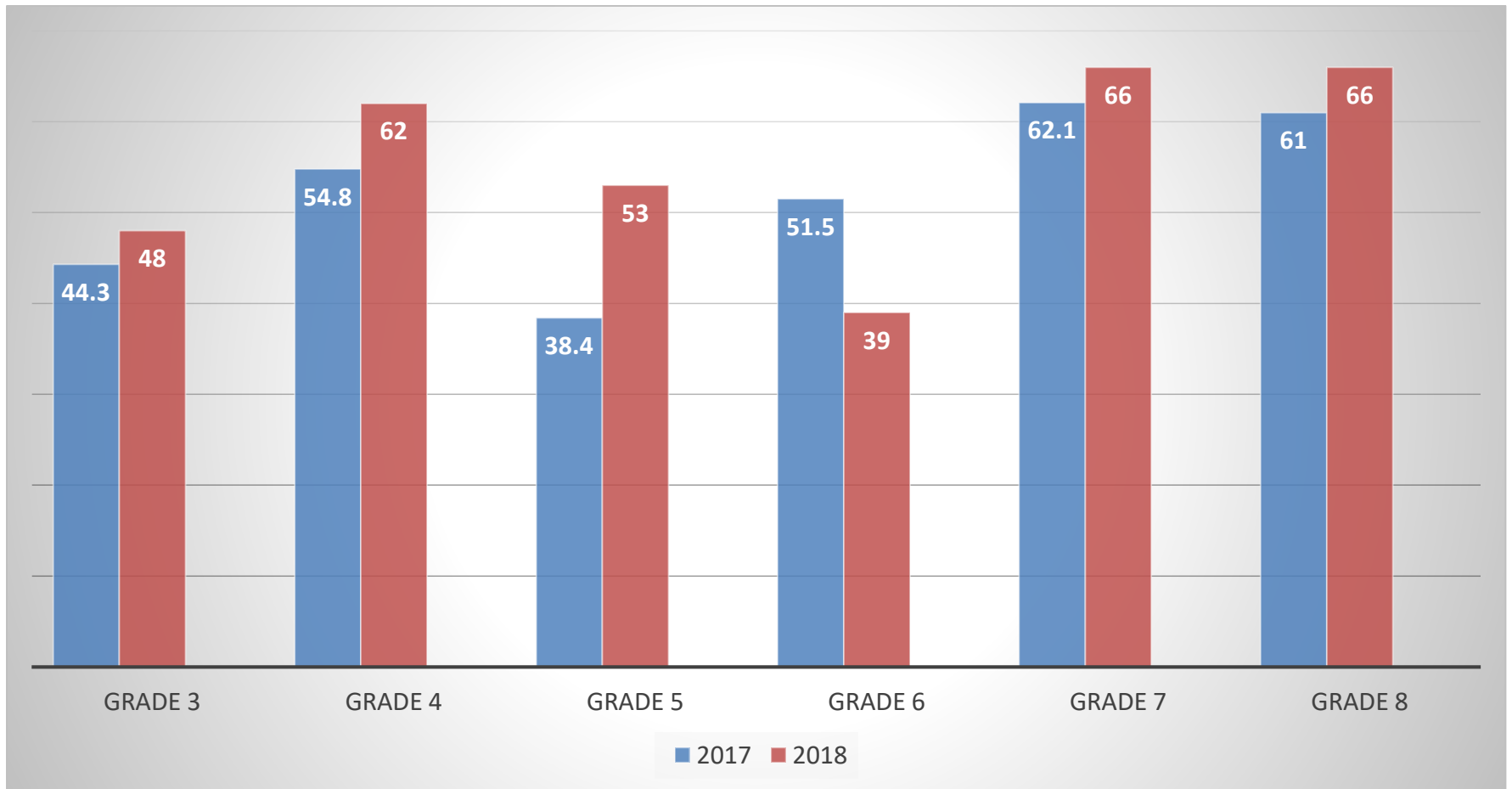
Comparison of **Barrington's** Spring 2018 PARCC Administrations English Language Arts/Literacy to New Jersey Percentages for 2018

Grade	Level 1, District	Level 1, State	Level 2, District	Level 2, State	Level 3, District	Level 3, State	Level 4, District	Level 4, State	Level 5, District	Level 5, State
3	7.4	13.5	18.5	13.5	25.9	21.4	44.4	43.5	3.7	8.1
4	5.2	7.6	6.9	12.3	25.9	22.1	48.3	39.1	13.8	18.9
5	3.8	6.9	15.1	12.6	28.3	22.4	49.1	47.2	3.8	10.8
6	7.1	6.2	14.3	13.6	40.0	24.0	38.6	41.3	0.0	14.9
7	2.8	8.6	8.5	10.2	22.5	18.5	35.2	34.1	31.0	28.6
8	2.9	8.7	5.9	11.1	25.0	19.8	51.5	39.9	14.7	20.4

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

Notes: Percentages may not total 100 due to rounding.

2017/2018 ELA COMPARISON (% SCORES ≥ 750)



MATH

Major
Content

Supporting
Content

Reasoning

Modeling

Comparison of **Barrington's** Number of Students Tested Spring 2017 & Spring 2018 PARCC Administrations Mathematics

Grade	Students Tested 2018	Students Tested 2017	Difference between number of students tested in 2017 and 2018
3	54	61	-7
4	58	62	-4
5	53	73	-20
6	70	66	+4
7	71	65	+6
8*	47	21	+26
Algebra I	21	20	+1

*Some students in grade 8 participated in the PARCC Algebra I assessment in place of the 8th grade Math assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.

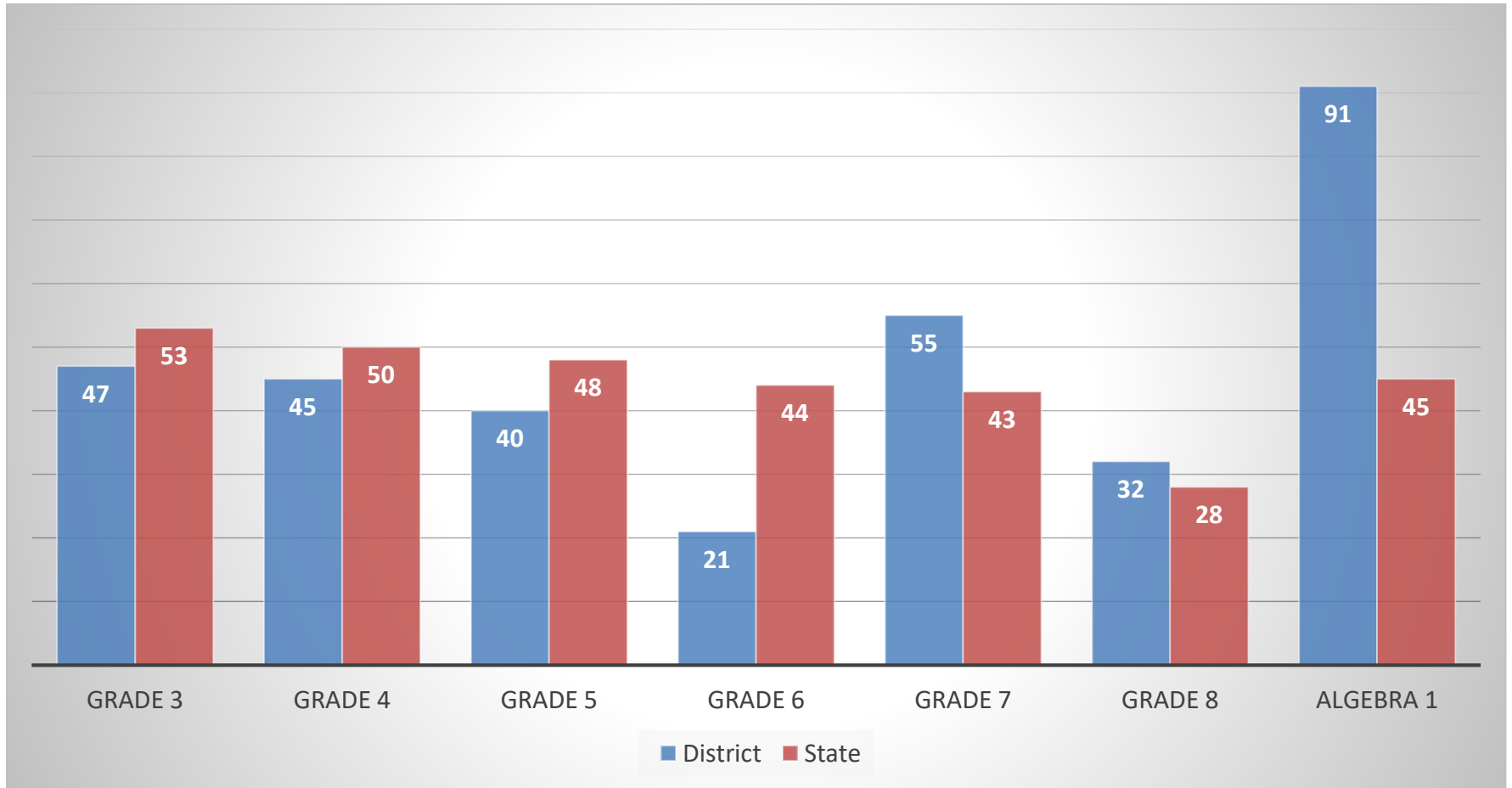
Notes: "Students Tested" represents individual valid test scores for Mathematics.

Barrington's

2018 Spring PARCC School- & Grade-Level Outcomes Mathematics - Percentages

Math	Not Yet Meeting Expectations (% Level 1)	Partially Meeting Expectations (% Level 2)	Approaching Expectations (% Level 3)	Meeting Expectations (% Level 4)	Exceeding Expectations (% Level 5)	% of students at Level 4 and 5
Grade 3	3.7	14.8	35.2	42.6	3.7	46.3
Grade 4	3.4	17.2	34.5	37.9	6.9	44.8
Grade 5	1.9	17.0	41.5	39.6	0.0	39.6
Grade 6	7.1	28.6	42.9	20.0	1.4	21.4
Grade 7	1.4	15.5	28.2	49.3	5.6	54.9
Grade 8	12.8	19.1	36.2	31.9	0.0	31.9
Algebra 1	0.0	0.0	9.5	85.7	4.8	90.5

DISTRICT/STATE COMPARISON MATH (% SCORES ≥ 750)



Comparison of **Barrington's** Spring 2016, Spring 2017 & Spring 2018 PARCC Administrations Mathematics - Percentages

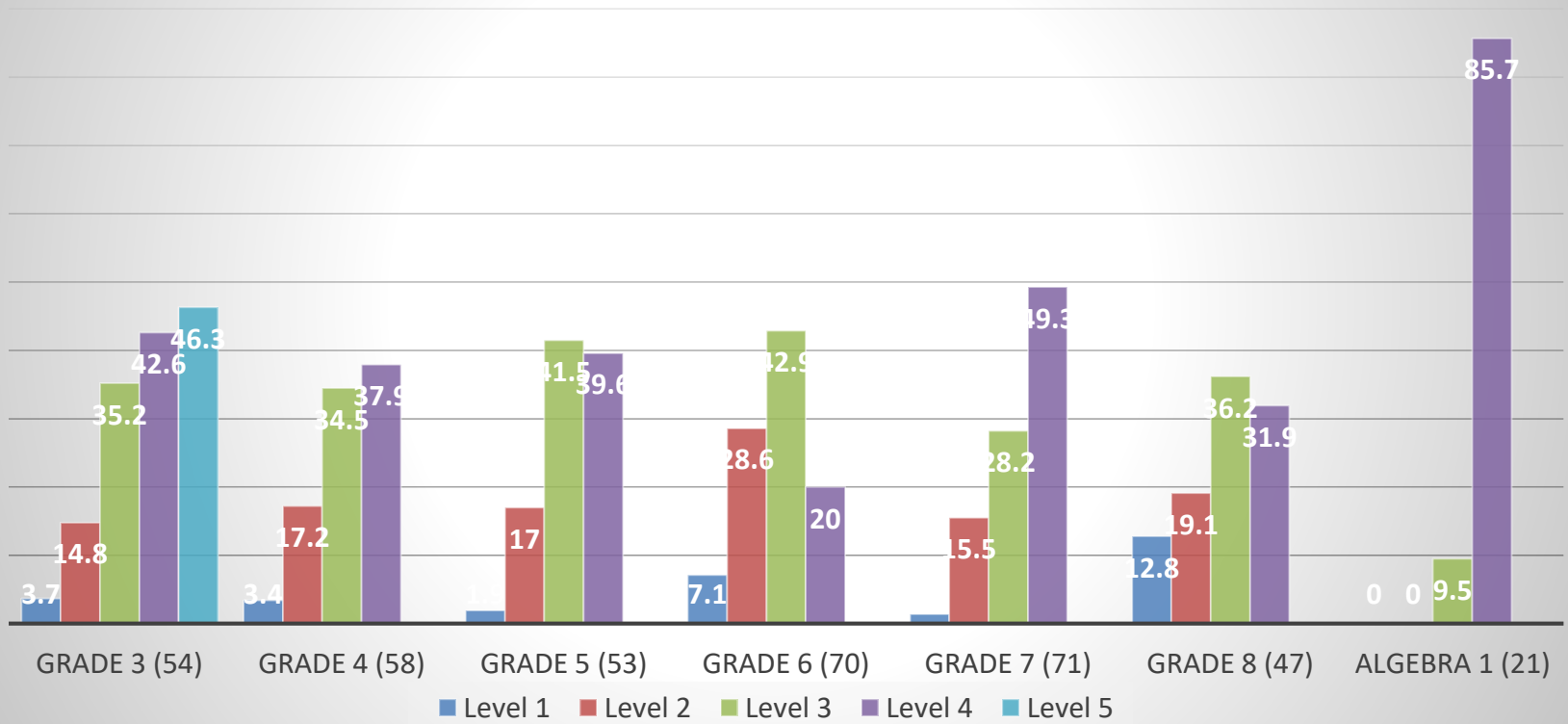
Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
3	3	3	2	10	12	8	21	15	19	26	30	23	1	1	2	-3%	-2%
4	4	4	2	5	8	10	20	19	20	28	28	22	1	3	4	-3%	-3%
5	2	2	1	12	23	9	26	34	22	23	14	21	1	0	0	-4%	-3%
6	2	2	5	11	12	20	21	22	30	20	29	14	0	1	1	+12%	-5%
7	4	3	1	13	9	11	14	24	20	5	27	35	0	2	4	-5%	+34%
8*	5	6	6	8	6	9	7	9	17	2	0	15	0	0	0	-2%	+13%
ALG I	2	0	0	5	0	0	19	9	2	14	11	18	2	0	1	-7%	+3%

*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.

ALG 1 Is Algebra 1; GEO is Geometry; ALG II is Algebra 2.

PARCC 2018 MATH PERCENTAGES BY LEVEL



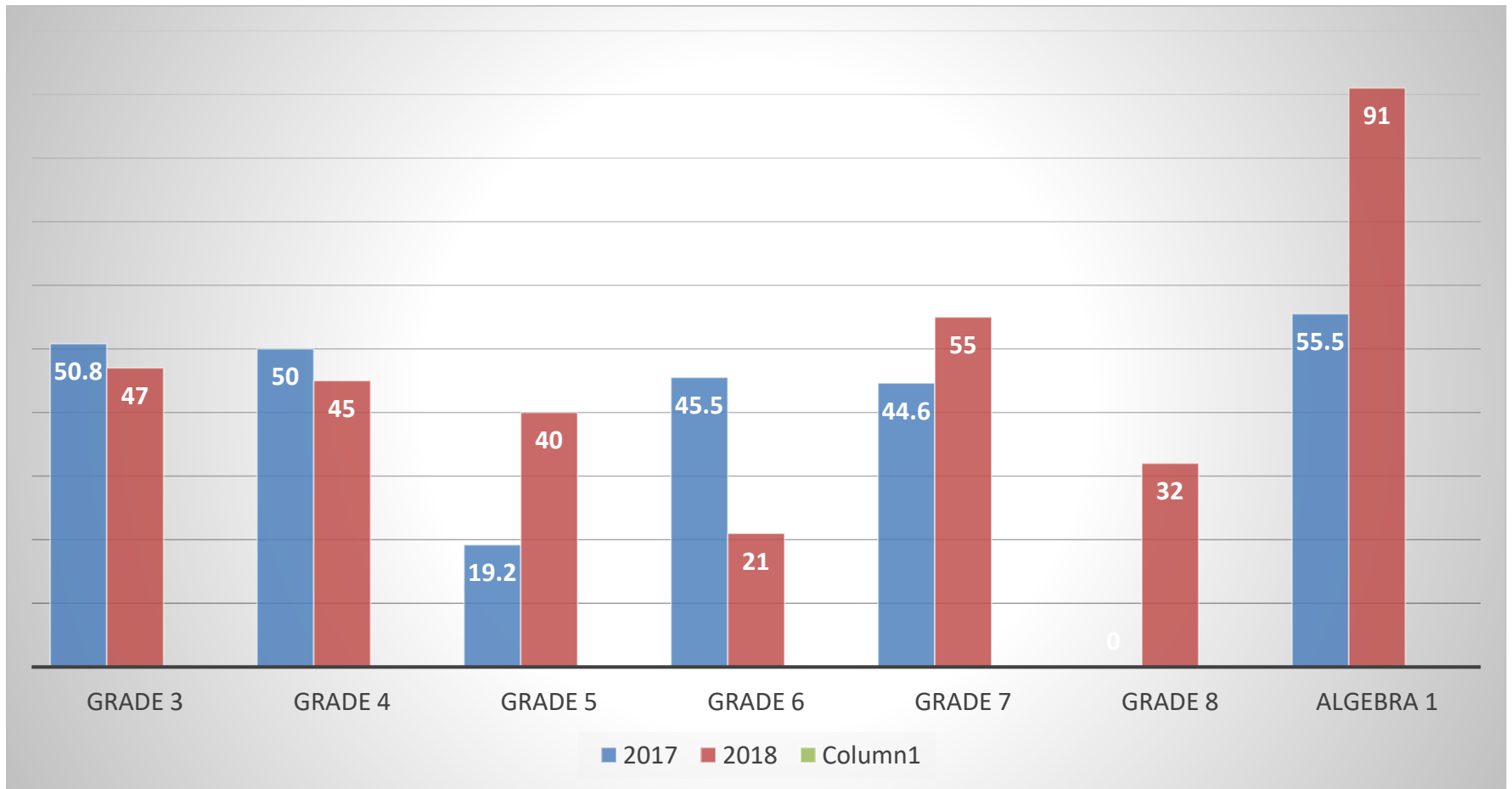
Comparison of **Barrington's** Spring 2018 PARCC Administrations Mathematics to New Jersey - Percentages for 2018

Grade	Level 1, District	Level 1, State	Level 2, District	Level 2, State	Level 3, District	Level 3, State	Level 4, District	Level 4, State	Level 5, District	Level 5, State
3	3.7	8.0	14.8	15.3	35.2	23.7	42.6	37.8	3.7	15.2
4	3.4	7.5	17.2	16.8	34.5	26.3	37.9	41.8	6.9	7.6
5	1.9	7.5	17.0	17.0	41.5	26.7	39.6	38.5	0.0	10.4
6	7.1	8.5	28.6	20.1	42.9	27.9	20.0	35.6	1.4	7.9
7	1.4	7.7	15.5	20.4	28.2	28.6	49.3	36.0	5.6	7.4
8*	12.8	22.0	19.1	22.7	36.2	27.1	31.9	27.2	0.0	1.0
Algebra I	0.0	11.3	0.0	18.6	9.5	24.3	85.7	39.3	4.8	6.5

*Some students in grade 8 participated in the PARCC Algebra I assessment in place of the 8th 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.

2017/2018 MATH COMPARISON (% SCORES ≥ 750)



IMPORTANT INFORMATION FOR 2018-2019

- Kindergarten-3rd grade: No changes, no PARCC testing
- Grades 3-8: testing time reduced by 25%
- 2019 PARCC testing window: April 8-May 28

- Grades 5 and 8 are expected to take the Science assessment (NJSLA-S) for the 2018-2019 school year following the field test in Spring 2018

HOW PARCC DATA CAN INFORM TEACHING

District Evidence Statement Analysis & Articulation

- Breaks down each ELA and Math standards by student performance
 - Allows for standards analysis with current curricula by grade level in ELA and Math
 - Comparison of district with state and cross-state performance
 - Vertical articulation: data point for grade by grade comparison; use with comparison with other district benchmarks (ie. Map, Linkit!)
 - Additional data source for class data mapping: teachers are able to see a class profile by standard and content, adjust curricula to meet the class profile

THANK YOU!