

PARCC Results 2015

Year One

Presented to
Board of Education
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Context

Results

Questions

Take-Aways

Context

- ESEA Reauthorization
 - NCLB -> RTTT -> ESSA
 - Every Student Succeeds Act (ESSA)
 - Annual testing will continue
- Results and Comparisons
 - No unexpected surprises (compared to NAEP)
 - 2015 results will provide BASELINE information (PARCC - Year One)
 - Non-participation needs to be considered when analyzing results
 - DFG is no longer provided for comparisons
- It is new for all of us!
 - Not all questions can be answered quickly and accurately
 - NJDOE guidance workshops for educators are in progress

New Jersey PARCC Outcomes in context

2015 PARCC ELA/L Grade 4	51%
2013 NAEP Reading Grade 4	42%

2015 SAT: 44% met College
and Career Ready
Benchmark (NJ)

2015 PARCC Math Grade 4	41%
2013 NAEP Math Grade 4	49%

2015 ACT: 43% met College
and Career Ready
Benchmark (NJ)

2015 PARCC ELA/L Grade 8	52%
2013 NAEP Reading Grade 8	46%

2015 PARCC ELA/L Grade 11	41%
2013 NAEP Reading Grade 12	41%

2015 PARCC Algebra I	36%
2011 ADP Algebra I	35%

NAEP: National Assessment of Educational Progress <https://nces.ed.gov/nationsreportcard/>
ADP: American Diploma Project <http://www.achieve.org/adp-network>

2015 PARCC Grade-Level Participation (Princeton Public Schools)

Mathematics

	Count of Valid Test Scores	Students Enrolled
Grade 3	175	197
Grade 4	181	205
Grade 5	204	235
Grade 6	205	246
Grade 7	108	216
Grade 8*	17	*
Algebra I	190 177/13	423
Geometry	120 2/118	345
Algebra II	130 52/78	339

English Language Arts

	Count of Valid Test Scores	Students Enrolled
Grade 3	168	197
Grade 4	177	205
Grade 5	195	235
Grade 6	201	246
Grade 7	137	216
Grade 8	204	255
Grade 9	152	410
Grade 10	83	385
Grade 11	30	370

*Grade 8 Math is an exception because most JW students are enrolled in Algebra I and took that assessment

Important Terminology & Info

- Content “**Sub Claim**” Areas (e.g. “cluster” areas on NJASK and HSPA)
 - Sub-scale level of analysis
 - LAL: Reading (Literary, Information, Vocabulary) and Writing (Expression, Convention)
 - Math: Major content, supporting content, reasoning, modeling (formerly organized by Geometry, Number and Operations, Algebra, Data)
- Proficiency Levels
 - Did Not Yet Meet Expectations (650 - 699)
 - Partially Met Expectations (700 - 724)
 - Approached Expectations (724 – 749)
 - Met Expectations (750 - varied)
 - Exceeded Expectations (varied - 850)
- Longitudinal Ranges
 - 2014-15 is a BASELINE year for PARCC
 - Comparisons can NOT be made with prior results for NJASK and HSPA

Proficiency Levels - Comparison

- NJASK

- Partially Proficient (<200)
- Proficient (200 - 249)
- Advanced Proficient (250-300)

- PARCC

- Did Not Yet Meet Expectations (650 - 699)
- Partially Met Expectations (700 - 724)
- Approached Expectations (724 - 749)
- Met Expectations (750 - varied)
- Exceeded Expectations (varied - 850)

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

English Language Arts / Literacy Expectations and Performance Levels

	1	2	3	4	5
Grade:	Did Not Yet Meet	Partially Met	Approached	Met	Exceeded
3	650-699	700-724	725-749	750-809	810-850
4				750-789	790-850
5				750-798	799-850
6				750-789	790-850
7				750-784	785-850
8				750-793	794-850
9				750-790	791-850
10				750-793	794-850
11				750-791	792-850

Notes:

- Proficiency requires scores at level 4 or 5 (meeting or exceeding grade level expectations)
- NJ State Board adopted range of 750-790 for level 4, but this does not match what is on PARCC reports

Mathematics Expectations and Performance Levels

	1	2	3	4	5
Grade:	Did Not Yet Meet	Partially Met	Approached	Met	Exceeded
3	650-699	700-724	725-749	750-789	790-850
4				750-795	796-850
5				750-789	790-850
6				750-787	788-850
7				750-785	786-850
8				750-800	801-850
Algebra I				750-804	805-850
Geometry				750-782	782-850
Algebra II				750-807	808-850

Notes:

- Proficiency requires scores at level 4 or 5 (meeting or exceeding grade level expectations)
- NJ State Board adopted range of 750-790 for level 4, but this does not match what is on PARCC reports

New Jersey

2015 PARCC RESULTS

New Jersey's 2015 PARCC Outcomes

English Language Arts/Literacy

	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% >= Level 4
Grade 3	15%	18%	24%	39%	5%	44%
Grade 4	8%	15%	27%	39%	12%	51%
Grade 5	7%	15%	26%	45%	6%	52%
Grade 6	8%	16%	28%	40%	9%	49%
Grade 7	11%	15%	23%	34%	18%	52%
Grade 8	12%	15%	22%	39%	13%	52%
Grade 9	18%	19%	24%	30%	10%	40%
Grade 10	25%	18%	20%	26%	11%	37%
Grade 11	17%	19%	24%	30%	11%	41%

Note: Numbers may not sum to 100% due to rounding.

New Jersey's 2015 PARCC Outcomes Mathematics

	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% >= Level 4
Grade 3	8%	19%	28%	37%	8%	45%
Grade 4	7%	22%	30%	36%	4%	41%
Grade 5	6%	21%	32%	35%	6%	41%
Grade 6	8%	21%	30%	35%	6%	41%
Grade 7	8%	22%	33%	33%	4%	37%
Grade 8*	22%	26%	28%	23%	1%	24%
Algebra I	14%	25%	25%	33%	3%	36%
Geometry	12%	36%	30%	20%	3%	22%
Algebra II	32%	25%	20%	22%	2%	24%

* Note: Approximately 30,000 New Jersey students participated in the PARCC Algebra I assessment while in middle school. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.

Note: Numbers may not sum to 100% due to rounding.

NJ's End-of-course Math Outcomes, % Meeting/Exceeding Expectations

	ADP Algebra I (2011)		PARCC Algebra I (2015)		PARCC Geometry (2015)		PARCC Algebra II (2015)	
	Count	%	Count	%	Count	%	Count	%
Grade 6	39	79%	66	92%				
Grade 7	3,001	94%	3,536	93%				
Grade 8	29,715	70%	27,498	72%	2,973	92%	459	73%
Grade 9	61,177	21%	53,656	18%	20,279	47%	4,720	70%
Grade 10	8,969	5%	5,542	4%	41,930	8%	20,710	39%
Grade 11	2,182	4%	1,398	4%	5,895	2%	32,092	7%

Princeton Public Schools

2015 PARCC RESULTS – ELA
Grades 3-11

2015 PARCC Grade-Level Outcomes

English Language Arts/Literacy

(Princeton Public Schools)

	Count of Valid Test Scores	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectation (Level 5)	District % \geq Level 4	NJ % \geq Level 4
Grade 3	168	3	7	17	62	11	73	44%
Grade 4	177	1	6	18	44	31	75	51%
Grade 5	195	1	7	14	64	14	78	52%
Grade 6	201	3	12	20	49	15	64	49%
Grade 7	137	6	9	17	42	26	68	52%
Grade 8	204	2	2	15	51	30	81	52%
Grade 9	152	5	8	16	42	28	70	40%
Grade 10	83	10	8	16	27	40	67	37%
Grade 11	30	7	10	30	37	17	54	41%

English Language Arts / Literacy - Percent Proficient

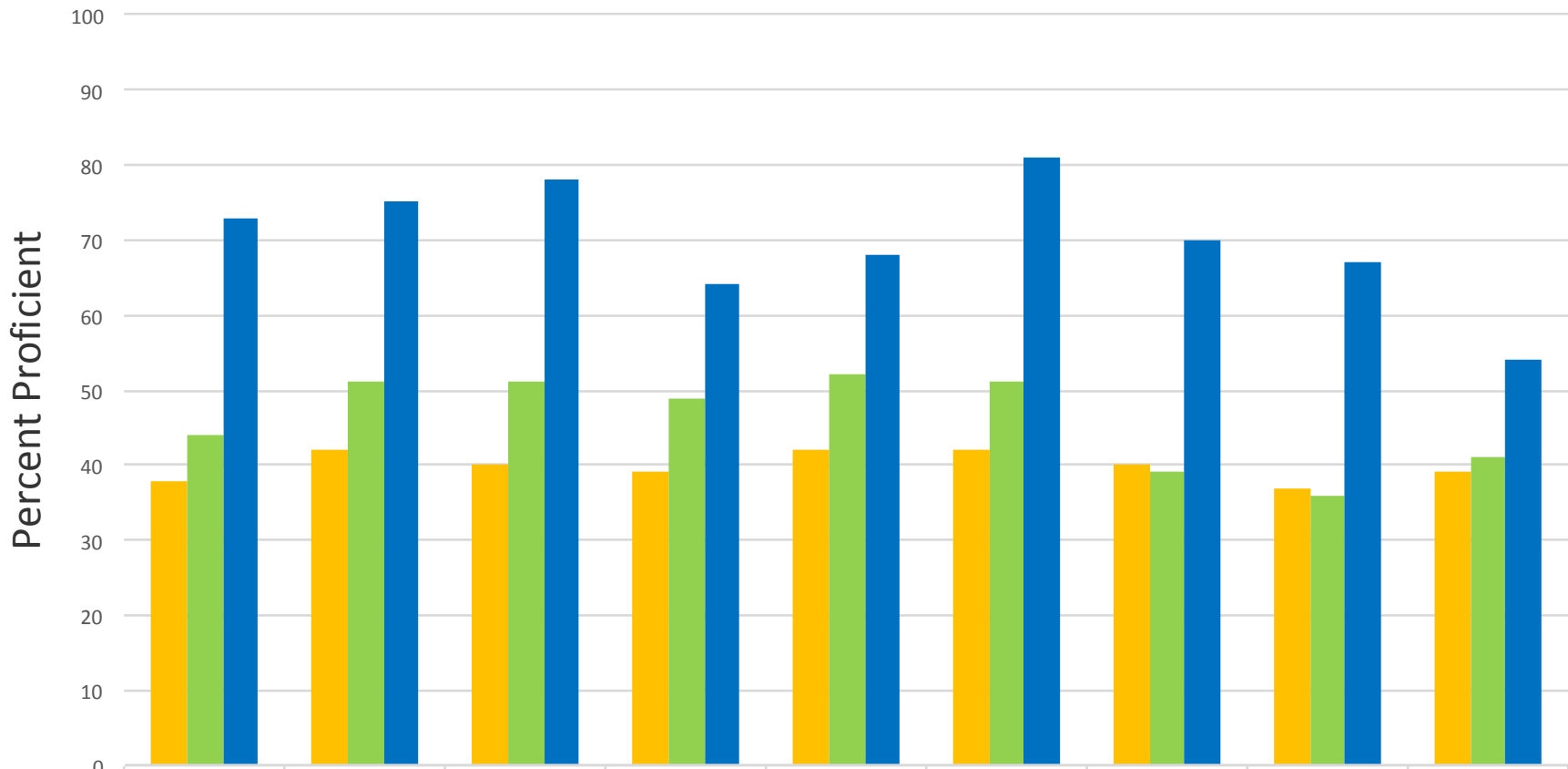
(Grades 3 - 11)

ELA	PARCC	NJ	PPS	# Students
Grade 3	38	44	73	168
Grade 4	42	51	75	177
Grade 5	40	51	78	195
Grade 6	39	49	64	201
Grade 7	42	52	68	137
Grade 8	42	51	81	204
Grade 9	40	39	70	152
Grade 10	37	36	67	83
Grade 11	39	41	54	30

Note: Percent Proficient includes scores at level 4 or 5 (meeting or exceeding grade level expectations)

English Language Arts / Literacy Total Proficiency - Grades 3-11

(percentage of 4 and 5 scores)



	Grade 3 (168)	Grade 4 (177)	Grade 5 (195)	Grade 6 (201)	Grade 7 (137)	Grade 8 (204)	Grade 9 (152)	Grade 10 (83)	Grade 11 (30)
■ PARCC	38	42	40	39	42	42	40	37	39
■ NJ	44	51	51	49	52	51	39	36	41
■ PPS	73	75	78	64	68	81	70	67	54

English Language Arts / Literacy - Average Score (Grades 3 - 11)

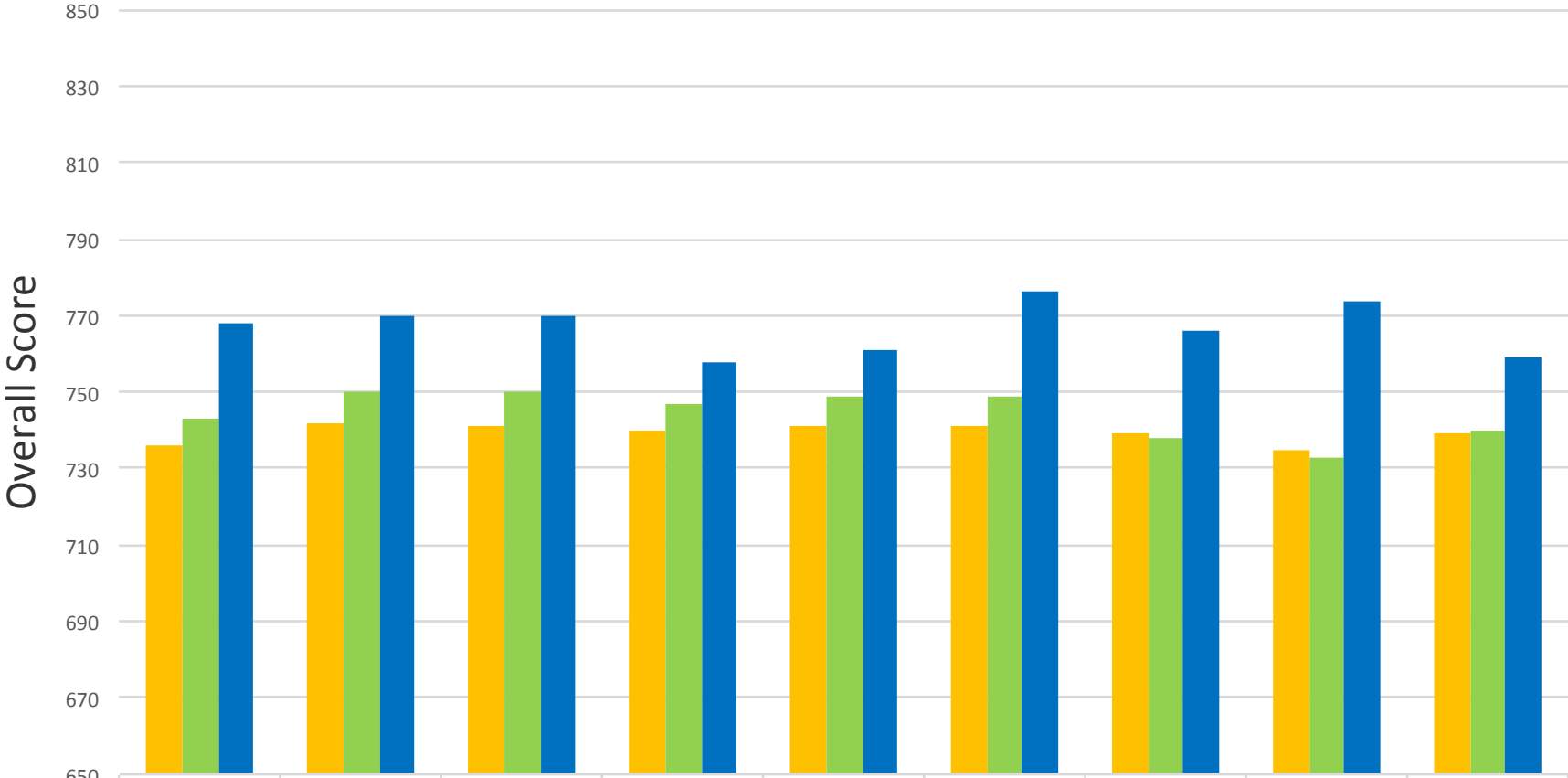
ELA	PARCC	NJ	PPS	# Students
Grade 3	736	743	768	168
Grade 4	742	750	770	177
Grade 5	741	750	770	195
Grade 6	740	747	758	201
Grade 7	741	749	761	137
Grade 8	741	749	776	204
Grade 9	739	738	766	152
Grade 10	735	733	774	83
Grade 11	739	740	759	30

PARCC – all grade levels average at level 3 (**approached**)

NJ – most grade levels average at level 3 (**approached**), except grades 4 & 5 which average at level 4 (**met**)

PPS – all grade levels average at level 4 (**met**)

English Language Arts / Literacy Overall Score Grades 3-11



	Grade 3 (168)	Grade 4 (177)	Grade 5 (195)	Grade 6 (201)	Grade 7 (137)	Grade 8 (204)	Grade 9 (152)	Grade 10 (83)	Grade 11 (30)
■ PARCC	736	742	741	740	741	741	739	735	739
■ NJ	743	750	750	747	749	749	738	733	740
■ PPS	768	770	770	758	761	776	766	774	759

Princeton Public Schools

2015 PARCC RESULTS – MATH
Grades 3-11

2015 PARCC Grade-Level Outcomes Mathematics (Princeton Public Schools)

	Count of Valid Test Scores	Not Yet Meeting (Level 1)	Partially Meeting (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectation (Level 5)	District % \geq Level 4	NJ % \geq Level 4
Grade 3	175	2	5	17	61	17	78	45%
Grade 4	181	4	8	20	54	14	68	41%
Grade 5	204	2	10	23	51	14	65	41%
Grade 6	205	0	12	23	48	16	64	41%
Grade 7	108	2	18	31	44	6	50	37%
Grade 8*	17	35	24	18	6	18	24	24%
Algebra I	190 177/13	3	8	26	58	5	63	36%
Geometry	120 2/118	2	16	29	44	9	53	22%
Algebra II	130 52/78	5	6	15	65	9	74	24%

Notes: For Algebra I & II, Geometry the number of students from JW/PHS is included below the total
In grade 8, majority of PPS students took Algebra I test

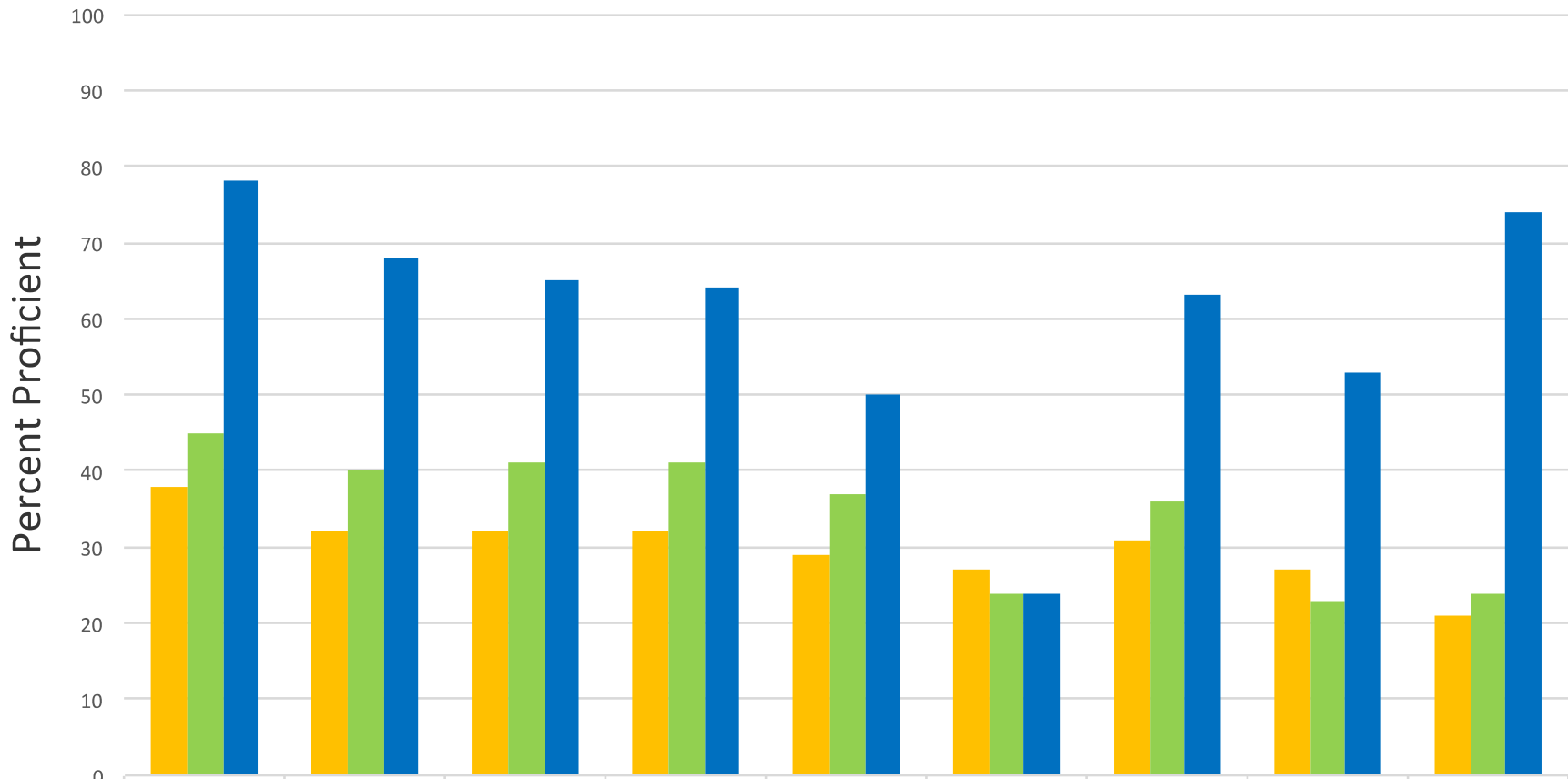
Mathematics - Percent Proficient (Grades 3 - 11)

Math	PARCC	NJ	PPS	# Students
Grade 3	38	45	78	175
Grade 4	32	40	68	181
Grade 5	32	41	65	204
Grade 6	32	41	64	205
Grade 7	29	37	50	108
Grade 8	27	24	24	17
Algebra I	31	36	63	190
Geometry	27	23	53	120
Algebra II	21	24	74	130

Notes:

- Percent Proficient includes scores at level 4 or 5 (meeting or exceeding grade level expectations)
- In grade 8, majority of PPS students took Algebra I test

Mathematics Total Proficiency - Grades 3-11 (percentage of 4 and 5 scores)



	Grade 3 (175)	Grade 4 (181)	Grade 5 (204)	Grade 6 (205)	Grade 7 (108)	Grade 8 (17)	Algebra I (190)	Geometry (120)	Algebra II (130)
PARCC	38	32	32	32	29	27	31	27	21
NJ	45	40	41	41	37	24	36	23	24
PPS	78	68	65	64	50	24	63	53	74

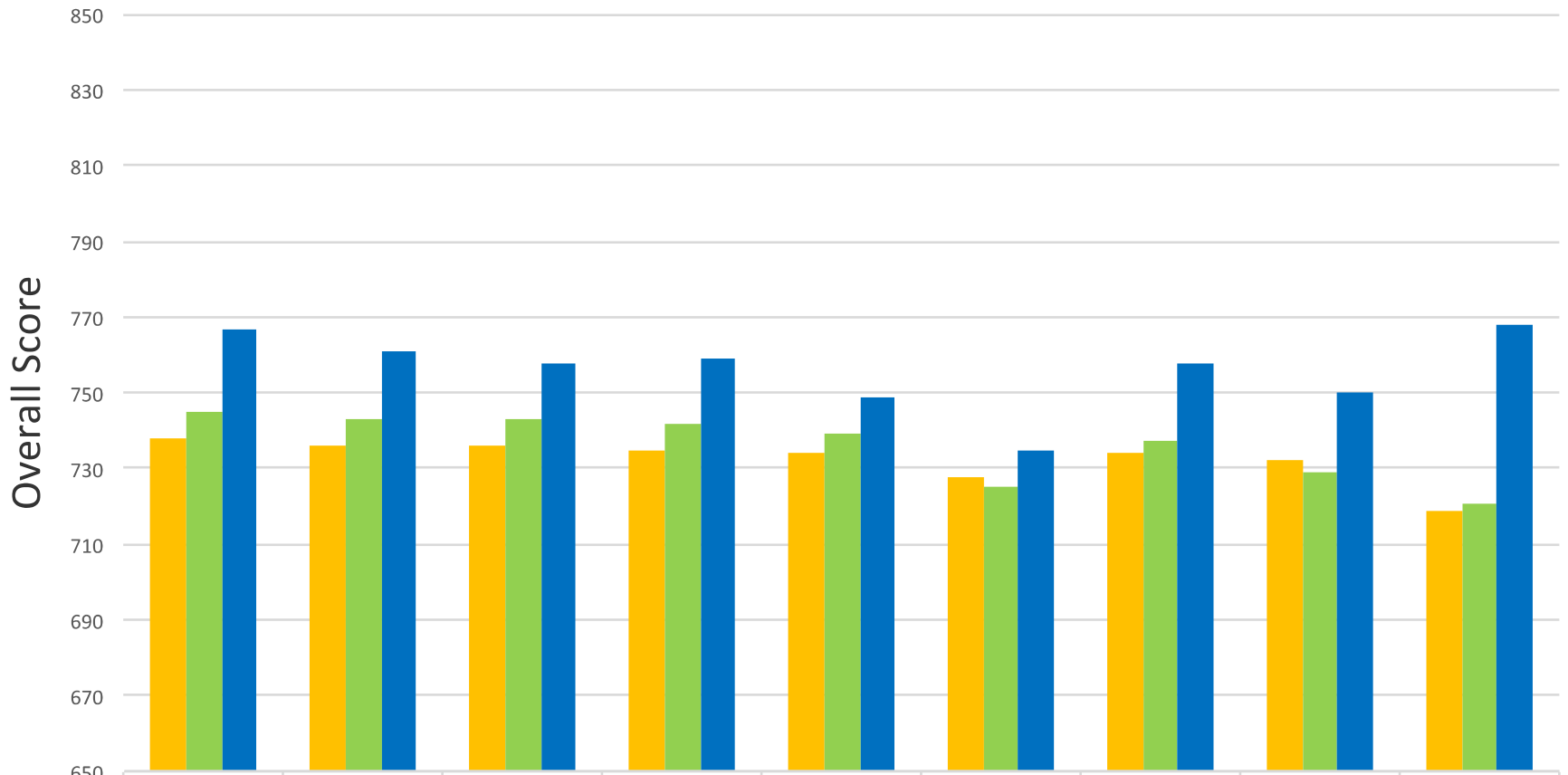
Note: In grade 8, majority of PPS students took Algebra I test

Mathematics - Average Score (Grades 3 - 11)

Math	PARCC	NJ	PPS	# Students
Grade 3	738	745	767	175
Grade 4	736	743	761	181
Grade 5	736	743	758	204
Grade 6	735	742	759	205
Grade 7	734	739	749	108
Grade 8	728	725	735	17
Algebra I	734	737	758	190
Geometry	732	729	750	120
Algebra II	719	721	768	130

- PARCC – all grade levels average at level 3 (**approached**),
except Algebra II which averages at level 2 (**partially met**)
- NJ – most grade levels average at level 3 (**approached**), except
Algebra II which average at level 2 (**partially met**)
- PPS – all grade levels average at level 4 (**met**)

Mathematics Overall Score Grades 3-11



	Grade 3 (175)	Grade 4 (181)	Grade 5 (204)	Grade 6 (205)	Grade 7 (108)	Grade 8 (17)	Algebra I (190)	Geometry (120)	Algebra II (130)
■ PARCC	738	736	736	735	734	728	734	732	719
■ NJ	745	743	743	742	739	725	737	729	721
■ PPS	767	761	758	759	749	735	758	750	768

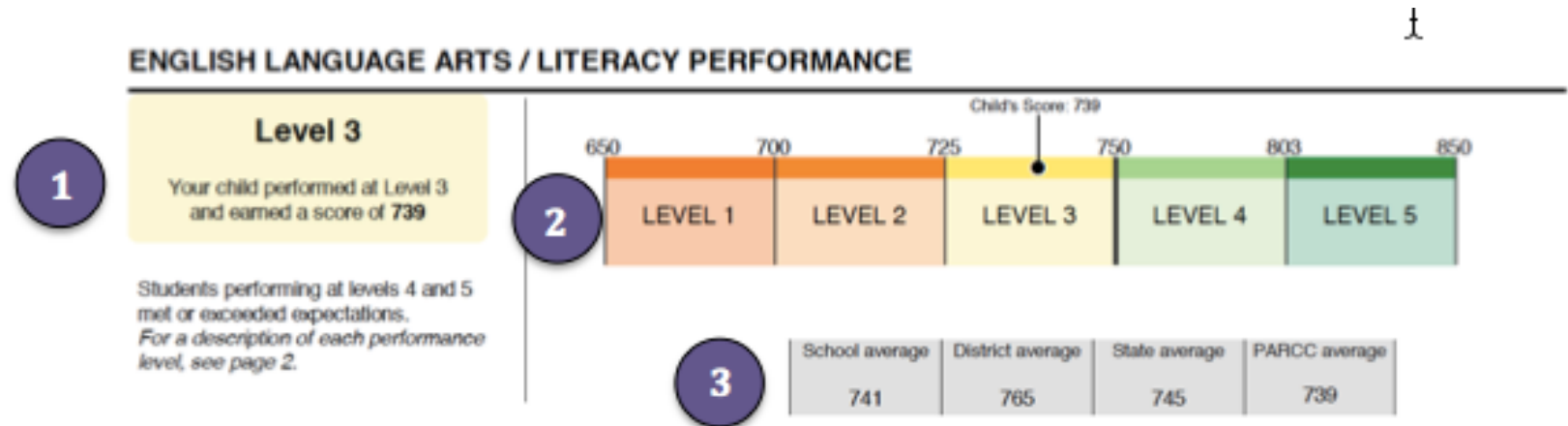
Questions to Guide PARCC Data Reflection

- How will we use PARCC data to identify strengths and gaps that exist in curriculum and instruction?
- How will we use PARCC data to inform the conversations of our educators to improve learning for all students?
- What can we learn about additional professional resources that can be used to meet the learning needs of all students?

Practical Questions for parents

- How can we help parents understand these baseline results for their children?
- How will the data be used for student placement?
- How can we adjust the assessment schedule to best meet the needs of our students and faculty?

Parent Guide to the Score Reports



Key Information Provided in the Score Report

1 **Overall Student Performance** – This section of the report shows your student's overall numerical score and the performance level achieved based on that score. Level 1 indicates a student is not yet meeting grade level expectations and Level 5 indicates the student has a strong understanding of grade level material.

Page two of the score report provides additional information about your child's score and level of performance. Level 4 and above indicates that a student meets or exceeds grade level expectations and is well prepared for the next grade level.

2 **Score Graph** – The colored graph shows the score ranges for each performance level and where your child's score falls within that range. This gives you an indication of how close your child is to achieving the next level.

<http://www.parcconline.org/resources/educator-resources>

How will the data be used?

We focus on multiple measures

- One piece of data cannot tell a child's story!
- Placement into intervention services and other courses has already taken place for 2015-16

Schedule

- Testing Window:
 - April 4 – May 13 for grades 3-8
 - April 11 – May 20 for high school
 - April 11 – April 22 (paper-based)
- PPS will use the first three weeks in April

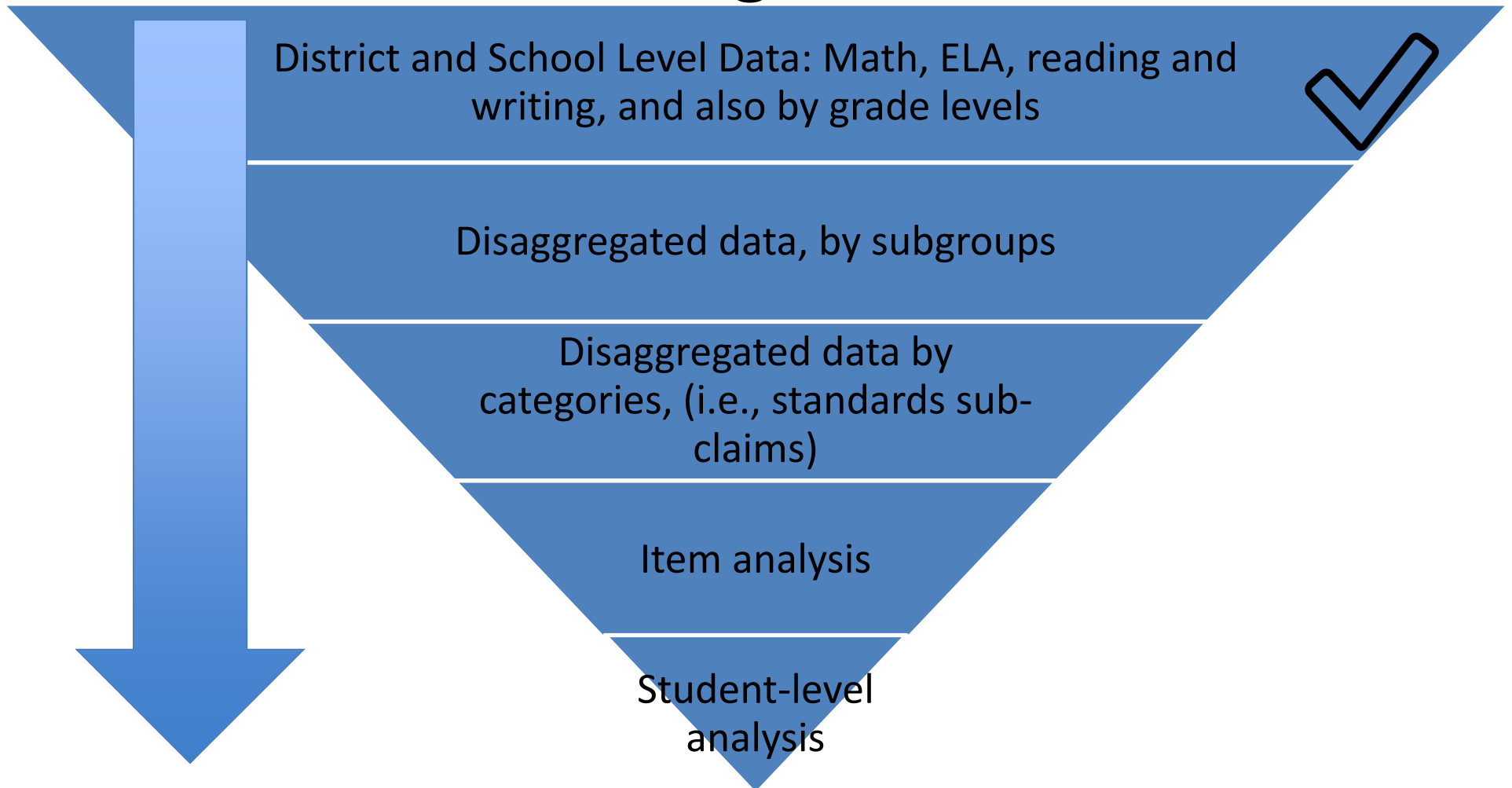
Next Steps

Mailing of Individual Student Records (ISRs)

Scheduling for PARCC 2016

Conversations among teachers and educators to identify strengths and gaps in curriculum and instruction

Year One data analysis Plan: Drilling down



Final Take-Aways

- PARCC 2016 testing should be greatly improved
 - We learned from year one!
 - Testing window is condensed from two testing periods to one
 - We are working on a schedule that will limit the impact on instruction
- Our focus on PARCC results will be to identify curriculum strengths and gaps

Thank you!

- Students
- Parents
- Teachers
- Guidance Counselors
- Child Study Team
- Support Staff
- Instructional Assistants
- Administrators
- Technology Department

