

PARCC Results: Spring 2017 Administration

**BELLEVILLE PUBLIC
SCHOOLS**

**BOE Presentation
October 30, 2017**



Measuring College
and Career
Readiness

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Board Meeting of
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NEW JERSEY'S STATEWIDE ASSESSMENT PROGRAM

- 2017 marks the 3rd administration of the Partnership for Assessment of Readiness for College and Careers (PARCC).
- 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.

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**

**COMPARISON OF BELLEVILLE'S STUDENTS TESTED
 SPRING 2015, 2016 AND SPRING 2017 PARCC ADMINISTRATIONS
 ENGLISH LANGUAGE ARTS/LITERACY - STUDENTS TESTED**

	Students Tested			Increase from 2015 to 2017
	2015	2016	2017	
Grade 3	304	367	329	
Grade 4	296	307	357	
Grade 5	347	306	306	
Grade 6	302	329	292	
Grade 7	348	300	321	
Grade 8	327	343	290	
Grade 9	278	353	374	
Grade 10	264	377	353	
Grade 11*	173	340	323	
TOTAL	2639	3022	2945	+306

*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.

COMPARISON OF **NEW JERSEY** STUDENTS TESTED SPRING 2015, SPRING 2016 & SPRING 2017 PARCC ADMINISTRATIONS **ENGLISH LANGUAGE ARTS/LITERACY – STUDENTS TESTED**

	Students Tested			Increase from 2015 to 2017
	2015	2016	2017	
Grade 3	95,227	99,046	98,884	3,657
Grade 4	93,769	96,823	100,288	6,519
Grade 5	94,599	95,760	98,469	3,870
Grade 6	92,578	96,896	97,373	4,795
Grade 7	90,227	95,979	98,926	8,699
Grade 8	88,421	94,268	98,813	10,392
Grade 9	81,574	93,852	97,596	16,022
Grade 10	71,659	84,921	85,598	13,939
Grade 11*	61,768	68,876	68,568	6,800
TOTAL	769,822	826,421	844,515	74,693

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

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

**COMPARISON OF BELLEVILLE'S STUDENTS TESTED
 SPRING 2015, 2016 AND SPRING 2017 PARCC ADMINISTRATIONS
 MATHEMATICS – STUDENTS TESTED**

	Students Tested			Increase from 2015 to 2017
	2015	2016	2017	
Grade 3	308	371	336	
Grade 4	301	306	368	
Grade 5	349	308	310	
Grade 6	313	330	302	
Grade 7	357	303	329	
Grade 8*	330	276	252	
Algebra 1	292	484	397	
Algebra 2	175	336	276	
Geometry	288	306	407	
TOTAL	2713	3020	2977	+264

*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.

**COMPARISON OF NEW JERSEY STUDENTS TESTED
 SPRING 2015, SPRING 2016 & SPRING 2017 PARCC
 ADMINISTRATIONS
MATHEMATICS – STUDENTS TESTED**

	Students Tested			Increase from 2015 to 2017
	2015	2016	2017	
Grade 3	95,932	99,846	99,991	4,059
Grade 4	94,484	97,620	101,323	6,839
Grade 5	95,293	96,449	99,421	4,128
Grade 6	93,128	97,546	98,292	5,164
Grade 7	87,300	93,114	95,955	8,655
Grade 8*	58,078	60,768	63,709	5,631
Algebra 1	91,740	105,998	110,215	18,475
Algebra 2	58,026	74,549	74,931	16,905
Geometry	71,137	84,549	88,079	16,942
TOTAL	745,118	810,441	831,916	86,798

*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.

**COMPARISON OF BELLEVILLE PUBLIC SCHOOL'S
SPRING 2015, SPRING 2016, & SPRING 2017
PARCC ADMINISTRATIONS
ENGLISH LANGUAGE ARTS/LITERACY - 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)			Change in Level 1 and Level 2 From 2015 to 2017	Change in Level 4 and Level 5 From 2015 to 2017**
	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017		
3	17.8%	13.4%	10.9%	21.1%	22.1%	18.8%	31.3%	26.2%	26.7%	27.3%	36.5%	40.1%	2.6%	1.9%	3.3%	-9.2%	13.5%
4	9.5%	11.1%	4.8%	12.5%	18.9%	13.7%	34.1%	29.6%	28.0%	38.2%	35.8%	45.4%	5.7%	4.6%	8.1%	-3.5%	9.6%
5	8.6%	6.9%	6.2%	20.5%	18.6%	11.8%	30.5%	29.7%	28.4%	38.3%	42.5%	47.1%	2.0%	2.3%	6.5%	-11.1%	13.3%
6	7.3%	11.2%	5.5%	19.2%	20.1%	18.8%	32.1%	28.6%	37.3%	37.7%	36.8%	33.9%	3.6%	3.3%	4.5%	-2.2%	-2.9%
7	10.3%	10.0%	13.1%	21.8%	18.0%	13.4%	24.7%	31.0%	29.6%	32.8%	31.0%	32.7%	10.3%	10.0%	11.2%	-5.6%	0.8%
8	13.5%	11.4%	9.7%	19.6%	14.6%	17.6%	24.2%	28.6%	21.0%	34.9%	38.2%	39.0%	8.0%	7.3%	12.8%	-5.8%	8.9%
9	55.8%	19.0%	23.0%	25.9%	17.3%	18.2%	14.0%	23.5%	25.9%	4.3%	33.7%	28.9%	0.0%	6.5%	4.0%	-40.5%	28.6%
10	58.0%	32.1%	35.1%	17.0%	15.4%	15.6%	13.3%	27.3%	15.9%	9.8%	22.0%	27.5%	1.9%	3.2%	5.9%	-24.3%	21.7%
11*	57.8%	26.8%	35.0%	21.4%	18.5%	21.7%	11.6%	22.9%	26.3%	8.1%	28.2%	14.6%	1.2%	3.5%	2.5%	-22.5%	7.8%

*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.

COMPARISON OF **BELLEVILLE PUBLIC SCHOOL'S** 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)			Change in Level 1 and Level 2 From 2015 to 2017	Change in Level 4 and Level 5 From 2015 to 2017**
	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017		
3	11.7%	7.3%	6.8%	32.1%	22.9%	17.3%	30.2%	28.3%	40.2%	24.7%	37.7%	31.3%	1.3%	3.8%	4.5%	-19.7%	9.8%
4	7.3%	18.3%	6.8%	29.2%	31.4%	29.3%	36.2%	30.4%	34.2%	26.6%	19.6%	28.5%	0.7%	0.3%	1.1%	-0.4%	2.3%
5	8.3%	11.7%	11.3%	31.2%	25.3%	25.8%	37.2%	30.2%	32.3%	22.6%	29.2%	26.1%	0.6%	3.6%	4.5%	-2.4%	7.4%
6	12.5%	13.6%	15.2%	28.1%	28.8%	27.8%	38.3%	32.7%	33.4%	20.4%	23.9%	22.2%	0.6%	0.9%	1.3%	+2.4%	2.5%
7	10.4%	11.9%	15.8%	29.7%	29.0%	34.7%	36.4%	40.6%	37.1%	23.2%	16.8%	12.2%	0.3%	1.7%	0.3%	+10.4%	-11.0%
8	17.6%	23.9%	31.7%	23.6%	23.2%	28.6%	23.0%	32.6%	29.4%	34.2%	20.3%	10.3%	1.5%	0.0%	0.0%	+19.1%	-25.4%
Alg. 1	39.0%	19.6%	20.2%	46.6%	28.1%	37.3%	13.0%	27.9%	28.2%	1.4%	24.2%	14.1%	0.0%	0.2%	0.3%	-28.1%	13.0%
Alg. 2	53.1%	63.4%	53.3%	22.9%	21.1%	22.5%	18.9%	11.9%	14.5%	5.1%	3.6%	9.8%	0.0%	0.0%	0.0%	-0.2%	4.7%
Geo	31.6%	25.2%	12.5%	53.8%	46.4%	35.9%	13.5%	24.8%	39.8%	1.0%	3.6%	11.5%	0.0%	0.0%	0.2%	-37.0%	10.7%

*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.

COMPARISON OF BELLEVILLE PUBLIC SCHOOL'S 2015 TO 2017 SPRING PARCC ADMINISTRATIONS TO NEW JERSEY ENGLISH LANGUAGE ARTS/LITERACY

	% Change in Level 1 and Level 2					% Change in Level 4 and Level 5				
	BELLEVILLE		State	BELLEVILLE		State				
	2015 to 2017	Change		2015 to 2017	Change					
Grade 3	38.9% - 29.7%	↓ 9.2%	↓	5.8%	29.9% - 43.4%	↑ 13.5%	↑	6.9%		
Grade 4	22.0% - 18.5%	↓ 3.5%	↓	1.8%	43.9% - 53.5%	↑ 9.6%	↑	4.8%		
Grade 5	29.1% - 18%	↓ 11.1%	↓	3.3%	40.3% - 53.6%	↑ 13.3%	↑	7.4%		
Grade 6	26.5% - 24.3%	↓ 2.2%	↓	2.3%	41.3% - 38.4%	↓ 2.9%	↑	4.5%		
Grade 7	32.1% - 26.5%	↓ 5.6%	↓	5.0%	43.1% - 43.9%	↑ 0.8%	↑	7.6%		
Grade 8	33.1% - 27.3	↓ 5.8%	↓	5.5%	42.9% - 51.8%	↑ 8.9%	↑	7.5%		
Grade 9	81.7% - 41.2%	↓ 40.5%	↓	11.0%	4.3% - 32.9%	↑ 28.6%	↑	11.7%		
Grade 10	75% - 50.7%	↓ 24.3%	↓	8.8%	11.7% - 33.4%	↑ 21.7%	↑	9.7%		
Grade 11*	79.2% - 56.7%	↓ 22.5%	↑	3.7%	9.3% - 17.1%	↑ 7.8%	↓	2.6%		

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

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.

COMPARISON OF BELLEVILLE PUBLIC SCHOOL'S 2015 TO 2017 SPRING PARCC ADMINISTRATIONS TO NEW JERSEY MATHEMATICS

	% Change in Level 1 and Level 2					% Change in Level 4 and Level 5				
	BELLEVILLE		State			BELLEVILLE		State		
	2015 to 2017	Change				2015 to 2017	Change			
Grade 3	43.8% - 24.1%	19.7%			4.4%	26.0% - 35.8%	9.8%			7.5%
Grade 4	36.5% - 36.1%	0.4%			3.5%	27.3% - 29.6%	2.3%			6.7%
Grade 5	39.5% - 37.1%	2.4%			2.5%	23.2% - 30.6%	7.4%			5.2%
Grade 6	40.6% - 43.0%	2.4%			0.2%	21.0% - 23.5%	2.5%			2.8%
Grade 7	40.1% - 50.5%	10.4%			2.1%	23.5% - 12.5%	11.0%			2.8%
Grade 8	41.2% - 60.3%	19.1%			3.8%	35.7% - 10.3%	25.4%			4.2%
Algebra I*	85.6% - 57.5%	28.1%			4.8%	1.4% - 14.4%	13.0%			5.4%
Algebra II	76.0% - 75.8%	0.2%			0.4%	5.1% - 9.8%	4.7%			2.7%
Geometry	85.4% - 48.4%	37.0%			9.0%	1.0% - 11.7%	10.7%			7.4%

*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.

- 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.

COMPARISON OF BELLEVILLE PUBLIC SCHOOL'S SPRING 2017 PARCC ADMINISTRATIONS TO NEW JERSEY ENGLISH LANGUAGE ARTS/LITERACY - PERCENTAGES

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
	District	State	District	State	District	State	District	State	District	State
	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
Grade 3	10.9%	12.7	18.8%	14.4	26.7%	22.5	40.1%	42.9	3.3%	7.5
Grade 4	4.8%	7.7	13.7%	12.8	28.0%	23.7	45.4%	40.5	8.1%	15.4
Grade 5	6.2%	6.8	11.8%	12.2	28.4%	22.1	47.1%	48.2	6.5%	10.7
Grade 6	5.5%	6.5	18.8%	14.6	37.3%	25.6	33.9%	41.0	4.5%	12.3
Grade 7	13.1%	8.9	13.4%	11.4	29.6%	20.5	32.7%	35.4	11.2%	23.8
Grade 8	9.7%	9.0	17.6%	11.6	21.0%	20.3	39.0%	40.5	12.8%	18.6
Grade 9	23.0%	12.8	18.2%	12.8	25.9%	22.9	28.9%	37.7	4.0%	13.8
Grade 10	35.1%	20.3	15.6%	13.9	15.9%	19.5	27.5%	32.2	5.9%	14.1
Grade 11*	35.0%	21.1	21.7%	18.0	26.3%	22.4	14.6%	29.7	2.5%	8.7

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

Notes: Percentages may not total 100 due to rounding.

COMPARISON OF **BELLEVILLE PUBLIC SCHOOL'S** SPRING 2017 PARCC ADMINISTRATIONS TO NEW JERSEY **MATHEMATICS - PERCENTAGES**

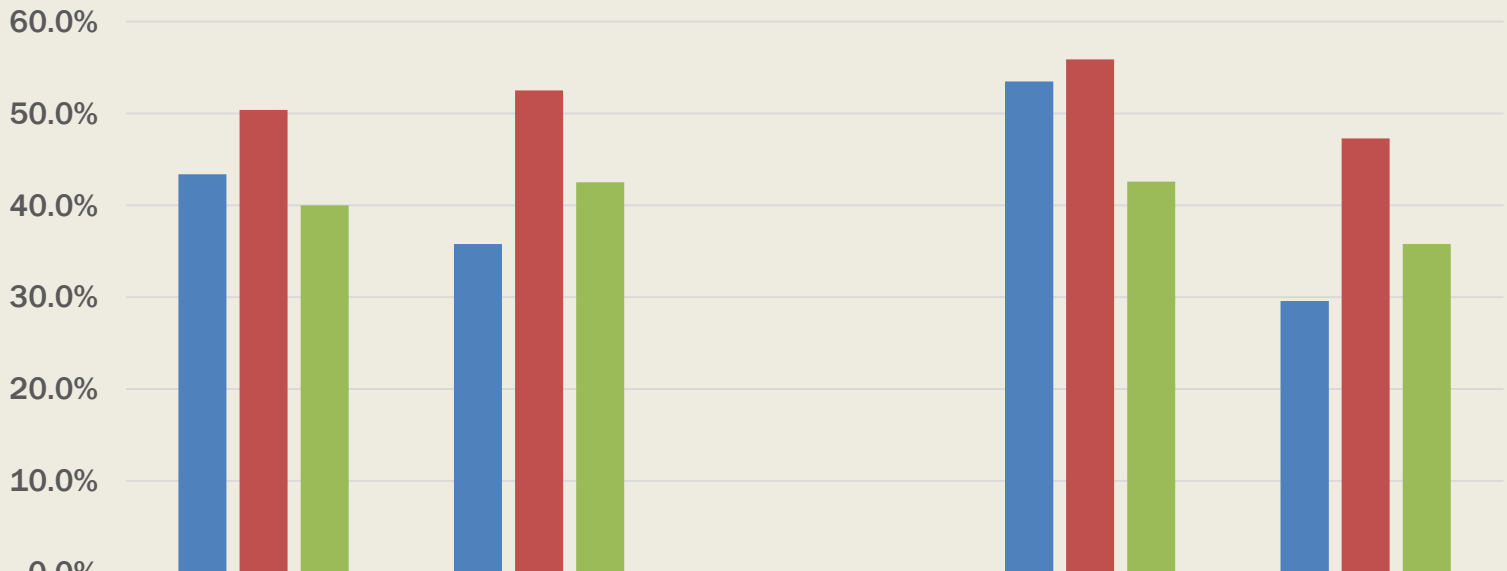
	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
	District	State	District	State	District	State	District	State	District	State
	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
Grade 3	6.8%	7.8	17.3%	14.6	40.2%	25.1	31.3%	38.7	4.5%	13.7
Grade 4	6.8%	8.1	29.3%	17.5	34.2%	27.1	28.5%	40.6	1.1%	6.7
Grade 5	11.3%	6.5	25.8%	17.8	32.3%	29.6	26.1%	37.3	4.5%	8.9
Grade 6	15.2%	9.7	27.8%	19.1	33.4%	27.7	22.2%	35.0	1.3%	8.6
Grade 7	15.8%	8.0	34.7%	19.9	37.1%	32.5	12.2%	33.9	0.3%	5.7
Grade 8*	31.7%	22.9	28.6%	21.4	29.4%	28.0	10.3%	26.9	0.0%	0.8
Algebra I	20.2%	12.2	37.3%	22.1	28.2%	24.2	14.1%	36.9	0.3%	4.5
Algebra II	53.3%	34.4	22.5%	21.4	14.5%	17.6	9.8%	23.6	0.0%	3.0
Geometry	12.5%	10.0	35.9%	29.0	39.8%	31.3	11.5%	25.8	0.2%	4.0

*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.

COMPARISON OF BELLEVILLE PUBLIC SCHOOL'S SPRING 2017 PARCC ADMINISTRATIONS TO NEW JERSEY AND NATION PERCENT PASSING (LEVEL 4 AND LEVEL 5)

Grade 3 and Grade 4

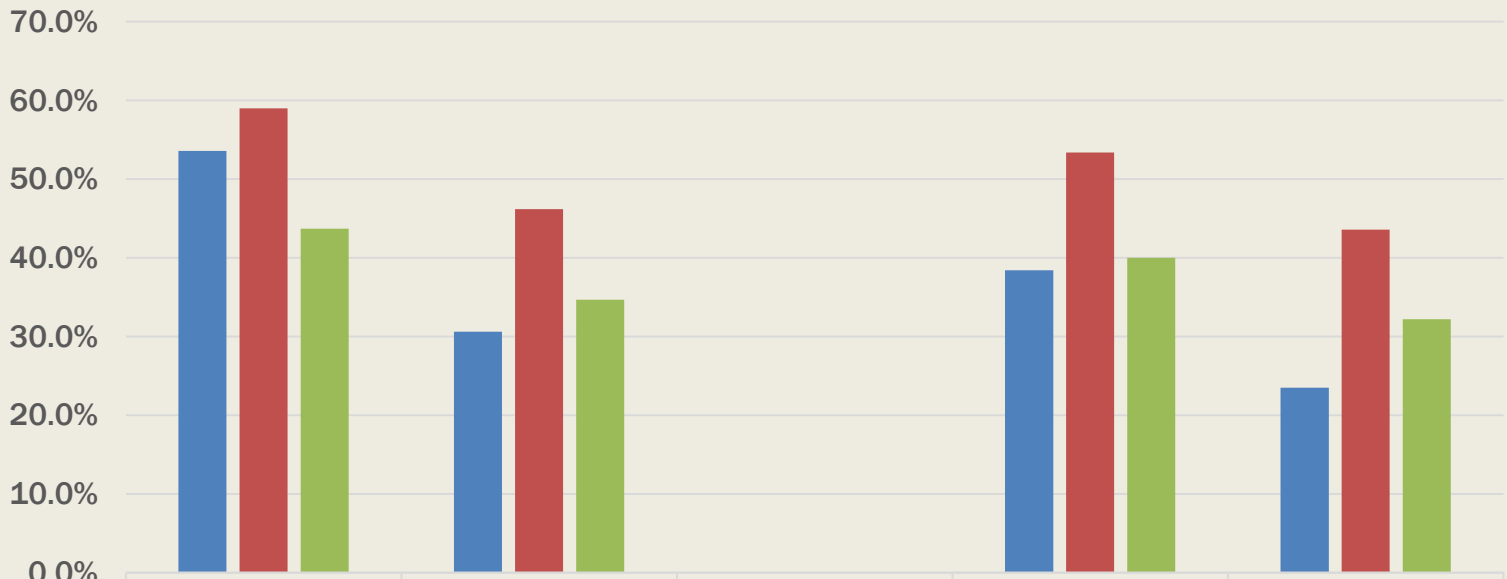


■ District	43.4%	35.8%	53.5%	29.6%
■ State	50.4%	52.5%	55.9%	47.3%
■ Nation (Cross-State)	40.0%	42.5%	42.6%	35.8%

■ District ■ State ■ Nation (Cross-State)

COMPARISON OF BELLEVILLE PUBLIC SCHOOL'S SPRING 2017 PARCC ADMINISTRATIONS TO NEW JERSEY AND NATION PERCENT PASSING (LEVEL 4 AND LEVEL 5)

Grade 5 and Grade 6

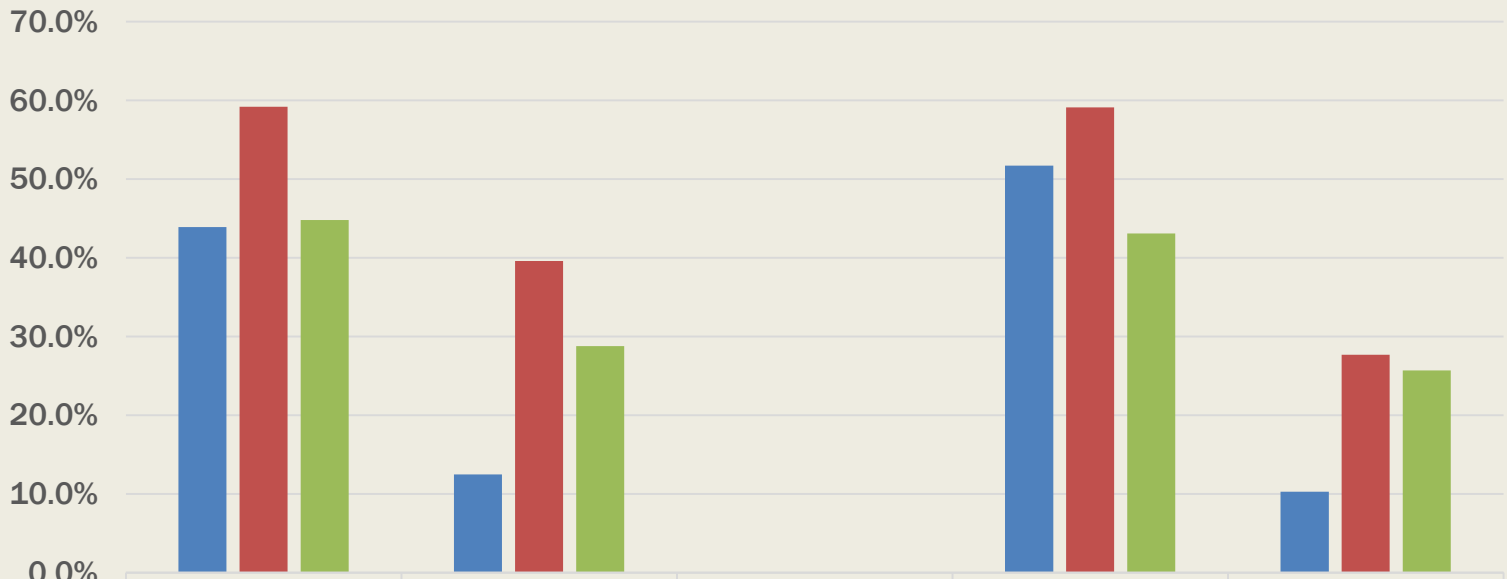


	ELA 5	Math 5	ELA 6	Math 6
District	53.6%	30.6%	38.4%	23.5%
State	59.0%	46.2%	53.4%	43.6%
Nation (Cross-State)	43.7%	34.7%	40.0%	32.2%

■ District ■ State ■ Nation (Cross-State)

COMPARISON OF BELLEVILLE PUBLIC SCHOOL'S SPRING 2017 PARCC ADMINISTRATIONS TO NEW JERSEY AND NATION PERCENT PASSING (LEVEL 4 AND LEVEL 5)

Grade 7 and Grade 8

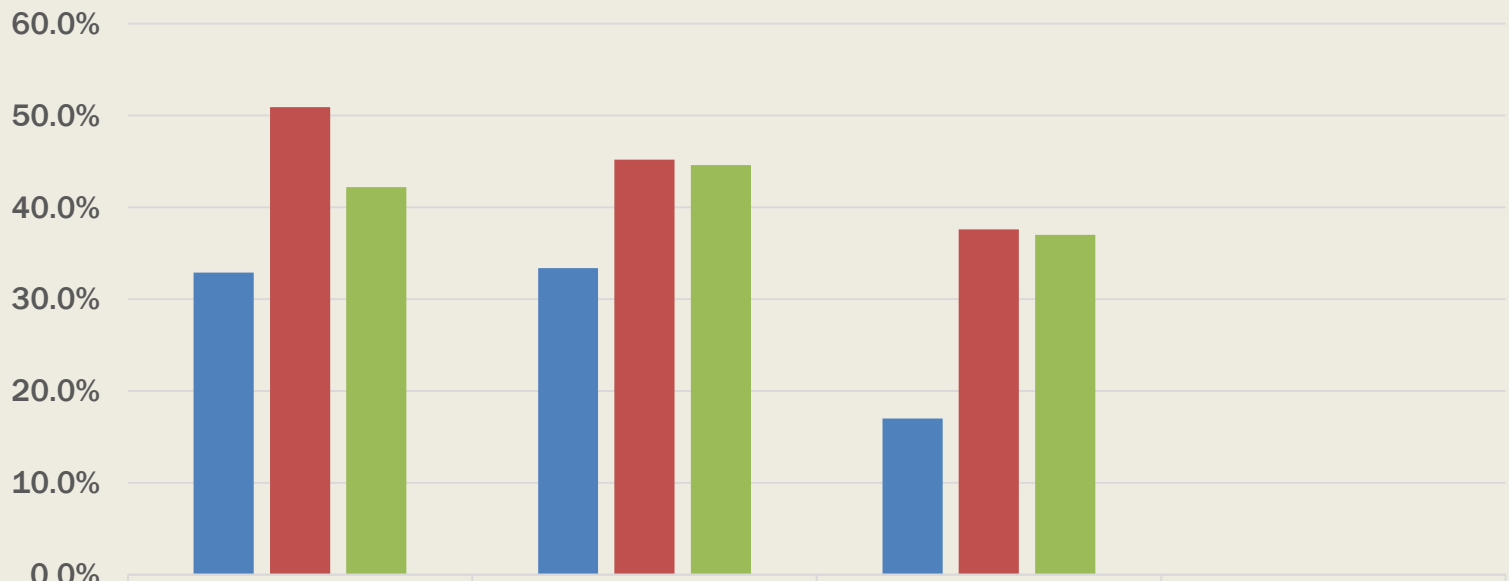


	ELA 7	Math 7	ELA 8	Math 8
District	43.9%	12.5%	51.7%	10.3%
State	59.2%	39.6%	59.1%	27.7%
Nation (Cross-State)	44.8%	28.8%	43.1%	25.7%

■ District
 ■ State
 ■ Nation (Cross-State)

COMPARISON OF **BELLEVILLE PUBLIC SCHOOL'S** SPRING 2017 PARCC ADMINISTRATIONS TO NEW JERSEY AND NATION **PERCENT PASSING (LEVEL 4 AND LEVEL 5)**

Grade 9, 10 and 11

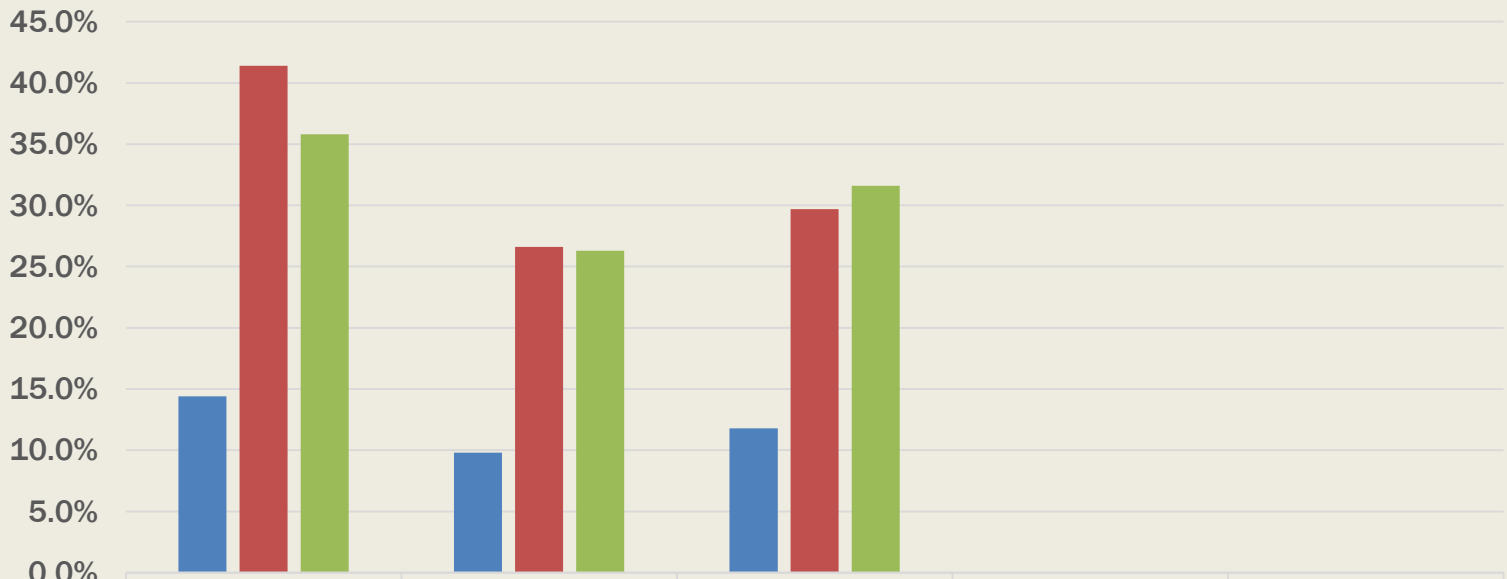


■ District	32.9%	33.4%	17.0%
■ State	50.9%	45.2%	37.6%
■ Nation (Cross-State)	42.2%	44.6%	37.0%

■ District ■ State ■ Nation (Cross-State)

COMPARISON OF BELLEVILLE PUBLIC SCHOOL'S SPRING 2017 PARCC ADMINISTRATIONS TO NEW JERSEY AND NATION PERCENT PASSING (LEVEL 4 AND LEVEL 5)

Algebra 1, Algebra 2 and Geometry



■ District	14.4%	9.8%	11.8%		
■ State	41.4%	26.6%	29.7%		
■ Nation (Cross-State)	35.8%	26.3%	31.6%		

■ District ■ State ■ Nation (Cross-State)

YEAR 3

ELA AND MATH PERCENTAGE

DISTRICT AND STATE

- **2015 to 2016 – 4.0% increase in ELA State Wide.**
- **2015 to 2016 – 8.9% increase in ELA in Belleville.**

- **2016 to 2017 – 2.4% increase in ELA State Wide.**
- **2016 to 2017 – 2.3% increase in ELA in Belleville.**

- **2015 to 2017 – 6.4% increase in ELA State Wide.**
- **2015 to 2017 – 11.3% increase in ELA in Belleville.**

- **2015 to 2016 – 4.0% increase in Math State Wide.**
- **2015 to 2016 – 2.8% increase in Mathematics in Belleville.**

- **2016 to 2017 – 1.0% increase in Math State Wide.**
- **2016 to 2017 – 1.2% decrease in Mathematics in Belleville.**

- **2015 to 2017 – 4.9% increase in Math State Wide.**
- **2015 to 2017 – 1.5% increase in Mathematics in Belleville.**

BELLEVILLE PUBLIC SCHOOL'S 2017 SPRING PARCC SCHOOL- & GRADE-LEVEL OUTCOMES ENGLISH LANGUAGE ARTS/LITERACY

	Grade 3 Level 4 & 5	Grade 4 Level 4 & 5	Grade 5 Level 4 & 5	Grade 6 Level 4 & 5	Grade 7 Level 4 & 5	Grade 8 Level 4 & 5	Grade 9 Level 4 & 5	Grade 10 Level 4 & 5	Grade 11 Level 4 & 5
District	43.5%	53.5%	53.6%	38.4%	43.9%	51.7%	32.9%	33.4%	17.0%
School 3	39.1%	46.0%	51.4%						
School 4	66.7%	50.9%	57.4%						
School 5	36.2%	37.7%	54.2%						
School 7	23.0%	57.1%	56.4%						
School 8	43.0%	50.9%	37.7%						
School 9	65.5%	79.2%	78.6%						
School 10	65.4%	83.3%	75.0%						
BMS				38.4%	43.9%	51.7%			
BHS							32.9%	33.4%	17.0%

BELLEVILLE PUBLIC SCHOOL'S 2017 SPRING PARCC SCHOOL- & GRADE-LEVEL OUTCOMES MATHEMATIC

	Grade 3 Level 4 & 5	Grade 4 Level 4 & 5	Grade 5 Level 4 & 5	Grade 6 Level 4 & 5	Grade 7 Level 4 & 5	Grade 8 Level 4 & 5	Algebra 1 Level 4 & 5	Algebra 2 Level 4 & 5	Geometry Level 4 & 5
District	35.7%	29.6%	30.6%	23.5%	12.5%	10.3%	14.4%	11.8%	9.8%
School 3	42.9%	24.1%	28.2%						
School 4	63.6%	25.9%	25.5%						
School 5	32.8%	23.0%	38.8%						
School 7	23.0%	33.3%	33.9%						
School 8	25.3%	24.7%	18.2%						
School 9	36.7%	41.7%	42.9%						
School 10	53.8%	54.8%	50.0%						
BMS				23.5%	12.5%	10.3%	50.0%		
BHS							9.2%	11.8%	9.8%

ADDITIONAL INFORMATION

- Student Individual Score Reports (ISRs) were sent home to parents/guardian.
- Student-level analysis has already begun with our principals and teachers whose students take the PARCC assessment.
- Analysis of items so that trends regarding performance can be determined.
- Adoption of new textbook series and curriculum.
- Increase use of Online Benchmark Assessments
- Parent Guides to the PARCC Score Report and information about PARCC testing can be found on the District Website.
- 2018 PARCC Testing Window–April 16, 2018 to May 25, 2018
- Belleville Public Schools 2017-2018 Standardized Assessment Schedule is available on the District Website.

THANK YOU