PARCC Results: Spring 2018 Administration

SCHOOLS

BOE Presentation
October 15, 2018



Measuring College and Career Readiness

Prepared by:
Russell C. Pagano Jr.
Director of Planning,
Research, and
Evaluation/District
Testing Coordinator

Board Meeting of 10/15/18

NEW JERSEY'S STATEWIDE ASSESSMENT PROGRAM

- 2018 marks the 4th 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 2016, 2017 AND SPRING 2018 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY - STUDENTS TESTED

	S	tudents Tested		
Grade Level	2018	2017	2016	Difference between number of students tested in 2016 to 2018
Grade 3	299	329	367	
Grade 4	337	357	307	
Grade 5	378	306	306	
Grade 6	293	292	329	
Grade 7	295	321	300	
Grade 8	332	290	343	
Grade 9	335	374	353	
Grade 10	384	353	377	
Grade 11*	331	323	340	
TOTAL	2984	2945	3022	2016 - 18 (38) 2017 - 18 +39

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

COMPARISON OF NEW JERSEY STUDENTS TESTED SPRING 2016, SPRING 2017 & SPRING 2018 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY - STUDENTS TESTED

		Students Tes	ted	
Grade Level	2018	2017	2016	Increase from 2016 to 2018
Grade 3	98,314	98,896	99,067	-753
Grade 4	99,447	100,314	96,847	2,600
Grade 5	101,065	98,489	95,783	5,282
Grade 6	99,421	97,417	96,920	2,501
Grade 7	98,295	98,961	96,006	2,289
Grade 8	100,150	98,856	94,268	5,882
Grade 9	99,370	98,847	95,013	4,357
Grade 10	95,296	88,332	87,480	7,816
Grade 11*	69,346	70,856	71,361	2,015
TOTAL	860,704	850,968	832,745	27,959

^{*}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 2016, 2017 AND SPRING 2018 PARCC ADMINISTRATIONS MATHEMATICS - STUDENTS TESTED

	S	tudents Tested		
	2018	2017	2016	Increase from 2016 to 2018
Grade 3	304	336	371	
Grade 4	340	368	306	
Grade 5	386	310	308	
Grade 6	295	302	330	
Grade 7	297	329	303	
Grade 8*	254	252	276	
Algebra 1	418	397	484	
Algebra 2	386	276	336	
Geometry	358	407	306	
TOTAL	3038	2977	3020	2016 - 18 +18 2017-18 +61

^{*}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.

 ${\bf Notes: "Students\ Tested"\ represents\ individual\ valid\ test\ scores\ for\ Mathematics.}$

COMPARISON OF NEW JERSEY STUDENTS TESTED SPRING 2016, SPRING 2017 & SPRING 2018 PARCC ADMINISTRATIONS MATHEMATICS - STUDENTS TESTED

		Students Tes	ted	
Grade Level	2018	2017	2016	Increase from 2016 to 2018
Grade 3	99,262	100,007	99,871	-609
Grade 4	100,378	101,358	97,649	2,729
Grade 5	101,703	99,447	96,481	5,222
Grade 6	100,174	98,357	97,584	2,590
Grade 7	94,938	96,096	93,250	1,688
Grade 8*	64,462	63,769	60,819	3,643
Algebra 1	110,972	110,285	106,125	4,847
Algebra 2	78,508	75,021	74,645	3,863
Geometry	90,159	88,141	84,592	5,567
TOTAL	840,556	832,481	811,016	29,540

^{*}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 2016, SPRING 2017, & SPRING 2018 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY - PERCENTAGES

	Ex	Yet Mee pectatio (Level 1)	ns	Exp	ally Mee pectation Level 2)		Approaching Expectations (Level 3)			Meeting Expectations (Level 4)		ıs	Exceeding Expectations (Level 5)			Change in Level 1 and Level 2 From 2016	Change in Level 4 and Level 5 From 2016
Grade	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	to 2018	to 2018**
3	13.4%	10.9%	13.0%	22.1%	18.8%	16.1%	26.2%	26.7%	28.4%	36.5%	40.1%	37.8%	1.9%	3.3%	4.7%	-6.40%	13.5%
4	11.1%	4.8%	6.2%	18.9%	13.7%	13.6%	29.6%	28.0%	29.4%	35.8%	45.4%	38.0%	4.6%	8.1%	12.8%	-10.20	10.40%
5	6.9%	6.2%	4.2%	18.6%	11.8%	11.4%	29.7%	28.4%	27.2%	42.5%	47.1%	51.1%	2.3%	6.5%	6.1%	-9.90%	12.40%
6	11.2%	5.5%	8.2%	20.1%	18.8%	15.7%	28.6%	37.3%	29.7%	36.8%	33.9%	38.2%	3.3%	4.5%	8.2%	-7.40%	6.30%
7	10.0%	13.1%	11.9%	18.0%	13.4%	16.9%	31.0%	29.6%	24.4%	31.0%	32.7%	30.8%	10.0%	11.2%	15.9%	0.80%	5.70%
8	11.4%	9.7%	18.1%	14.6%	17.6%	14.5%	28.6%	21.0%	25.0%	38.2%	39.0%	33.1%	7.3%	12.8%	9.3%	6.60%	-3.10%
9	19.0%	23.0%	15.2%	17.3%	18.2%	15.5%	23.5%	25.9%	23.3%	33.7%	28.9%	38.2%	6.5%	4.0%	7.8%	-5.60%	5.80%
10	32.1%	35.1%	26.3%	15.4%	15.6%	20.1%	27.3%	15.9%	19.5%	22.0%	27.5%	26.6%	3.2%	5.9%	7.6%	-1.10%	9.0%
11*	26.8%	35.0%	26.3%	18.5%	21.7%	20.5%	22.9%	26.3%	18.1%	28.2%	14.6%	29.0%	3.5%	2.5%	6.0%	1.50%	3.30%

^{*}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 2016, SPRING 2017, & SPRING 2018 PARCC ADMINISTRATIONS MATHEMATICS- PERCENTAGES

	Ex	Yet Mee pectatio (Level 1)	ns	Exp	ally Mee pectation Level 2)	าร	Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)			Change in Level 1 and Level 2 From 2016	Change in Level 4 and Level 5 From 2016		
Grade	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	to 2018	to 2018**
3	7.3%	6.8%	8.9%	22.9%	17.3%	22.0%	28.3%	40.2%	31.3%	37.7%	31.3%	30.6%	3.8%	4.5%	7.2%	0.70%	-3.70%
4	18.3%	6.8%	5.3%	31.4%	29.3%	24.4%	30.4%	34.2%	37.9%	19.6%	28.5%	30.6%	0.3%	1.1%	1.8%	-20.0%	12.50%
5	11.7%	11.3%	4.7%	25.3%	25.8%	18.4%	30.2%	32.3%	34.7%	29.2%	26.1%	37.3%	3.6%	4.5%	4.9%	-13.90%	9.40%
6	13.6%	15.2%	14.2%	28.8%	27.8%	29.2%	32.7%	33.4%	33.6%	23.9%	22.2%	22.0%	0.9%	1.3%	1.0%	1.0%	-1.80%
7	11.9%	15.8%	12.1%	29.0%	34.7%	34.0%	40.6%	37.1%	32.3%	16.8%	12.2%	20.5%	1.7%	0.3%	1.0%	5.20%	3.0%
8	23.9%	31.7%	35.4%	23.2%	28.6%	40.2%	32.6%	29.4%	20.1%	20.3%	10.3%	4.3%	0.0%	0.0%	0.0%	28.50%	-16.0%
Alg. 1	19.6%	20.2%	19.6%	28.1%	37.3%	31.8%	27.9%	28.2%	34.9%	24.2%	14.1%	13.6%	0.2%	0.3%	0.0%	3.70%	-10.80%
Alg. 2	63.4%	53.3%	46.6%	21.1%	22.5%	28.2%	11.9%	14.5%	16.3%	3.6%	9.8%	8.3%	0.0%	0.0%	0.5	-9.70%	5.2%
Geo	25.2%	12.5%	15.9%	46.4%	35.9%	37.7%	24.8%	39.8%	29.1%	3.6%	11.5%	16.5%	0.0%	0.2%	0.8%	-18.0%	13.70%

^{*}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 2016 TO 2018 SPRING PARCC ADMINISTRATIONS TO NEW JERSEY ENGLISH LANGUAGE ARTS/LITERACY

	% Cha	ange in Level 1 and Le	vel 2	% Change in Level 4 and Level 5					
	BELL	EVILLE			BELL				
	2016 to 2018	Change	Sta	ate	2016 to 2018	Change	S	tate	
Grade 3	35.5% - 29.1%	6.40%	1	2.4%	38.4% - 42.5%	4.10%	1	4,1%	
Grade 4	30.0% - 19.80%	10.20%	1	1.8%	40.4% - 50.8%	10.4%	1	4.5%	
Grade 5	25.5% - 15.6%	9.90%	1	1.9%	44.8% - 57.2%	12.4%	1	4.7%	
Grade 6	31.3% - 23.9%	7.40%	1	1.7%	40.1% - 46.4%	6.3%	1	3.9%	
Grade 7	28.0% - 28.8%	.80%	1	3.3%	41.0% - 46.7%	1 5.7%	1	6.3%	
Grade 8	26.0% - 32.6	6.60%	1	3.3%	45.5% - 42.4%	3.1%	1	5.2%	
Grade 9	36.3% - 30.7%	5.60%	1	3.9%	40.2% - 46.0%	5.8%	1	5.7%	
Grade 10	47.5 - 46.4%	1.10%	1	5.3%	25.2% - 34.2%	9.0%	1	6.6%	
Grade 11*	45.3 - 46.8%	1.5%		2.0%	31.7% - 35.0%	3.3%	lacksquare	1.1%	

^{*}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 2016 TO 2018 SPRING PARCC ADMINISTRATIONS TO NEW JERSEY MATHEMATICS

	% Chai	nge in Level 1 and Le	vel 2	% Change in Level 4 and Level 5					
	BELLE	VILLE		BELL	BELLEVILLE				
	2016 to 2018	Change	State	2016 to 2018	Change	State			
Grade 3	30.2% - 30.9%	.70%	.7%	41.5% - 37.8%	3.7%	1,3%			
Grade 4	49.7% - 29.7%	20.0%	2.2%	19.9% - 32.4%	12.5%	2.8%			
Grade 5	37.0% - 23.1%	13.9%	.2%	32.8% - 42.2%	9.4%	1.6%			
Grade 6	42.4% - 43.4%	1.0%	.6%	24.8% - 23.0 %	1.8%	.5%			
Grade 7	40.9% - 46.1%	5.2%	1.1%	18.5% - 21.5%	3.0%	4.7%			
Grade 8	47.1% - 75.6%	28.5%	2.1%	20.3% - 4.3%	16.0%	2.6%			
Algebra I*	47.7% - 51,4%	3.7%	4.1%	24.4% - 13.6%	10.8%	4.6%			
Algebra II	84.5% - 74.8%	9.7%	2.8%	3.6% - 8.8%	5.2%	3.6%			
Geometry	71.6% - 53.6%	18.0%	.7%	3.6% - 17.3%	13.7%	2.5%			

^{*}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.

⁻ 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 2018 PARCC ADMINISTRATIONS TO NEW JERSEY ENGLISH LANGUAGE ARTS/LITERACY - PERCENTAGES

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Expect	aching tations rel 3)	Mee Expect (Lev	ations	Exceeding Expectations (Level 5)	
	District	State	District	State	District	State	District	State	District	State
	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018
Grade 3	13.0%	13.5%	16.1%	13.5%	28.4%	21.4%	37.8%	43.5%	4.7%	8.1%
Grade 4	6.2%	7.6%	13.6%	12.3%	29.4%	22.1%	38.0%	39.1%	12.8%	18.9%
Grade 5	4.2%	6.9%	11.4%	12.6%	28.4%	27.2%	51.1%	47.2%	6.1%	10.8%
Grade 6	8.2%	6.2%	15.7%	13.6%	29.7%	24.0%	38.2%	41.3%	8.2%	14.9%
Grade 7	11.9%	8.6%	16.9%	10.2%	24.4%	18.5%	30.8%	34.1	15.9%	28.6%
Grade 8	18.1%	8.7%	14.5%	11.1%	25.0%	19.8%	33.1%	39.9%	9.3%	20.4%
Grade 9	15.2%	12.3%	15.5%	12.5%	23.3%	21.1%	38.2%%	38.0%	7.8%	16.1%
Grade 10	26.3%	18.3%	2.1%%	12.8%	19.5%%	19.0%	26.6%%	31.8%	7.6%%	18.1%
Grade 11*	26.3%	23.1%	20.5%	16.6%	18.1%	22.2%	29.0%	29.1%	6.0%	9.0%

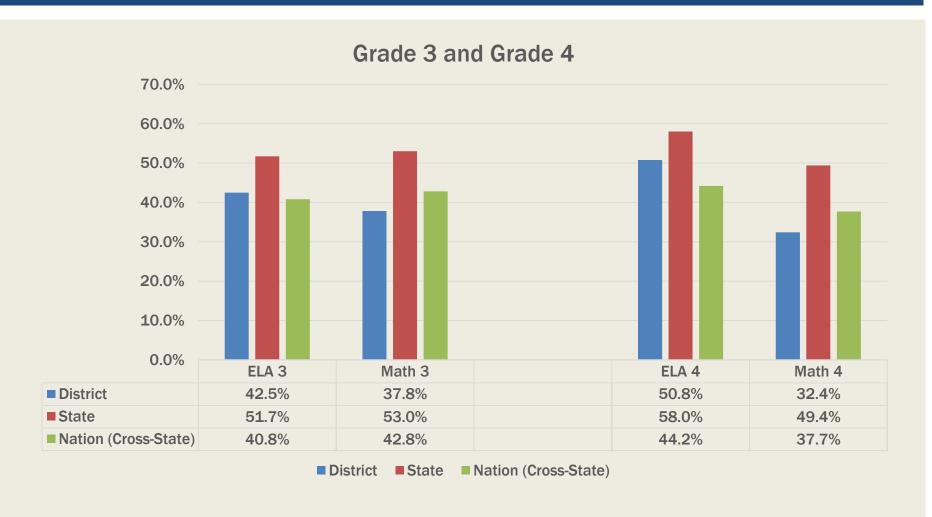
^{*}Grade 11 does not include students who took an AP/IB test.

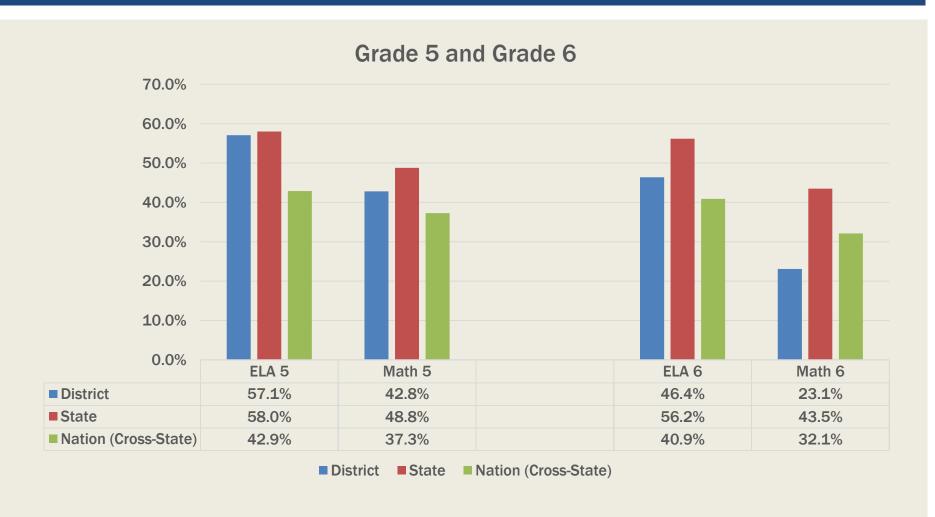
Notes: Percentages may not total 100 due to rounding.

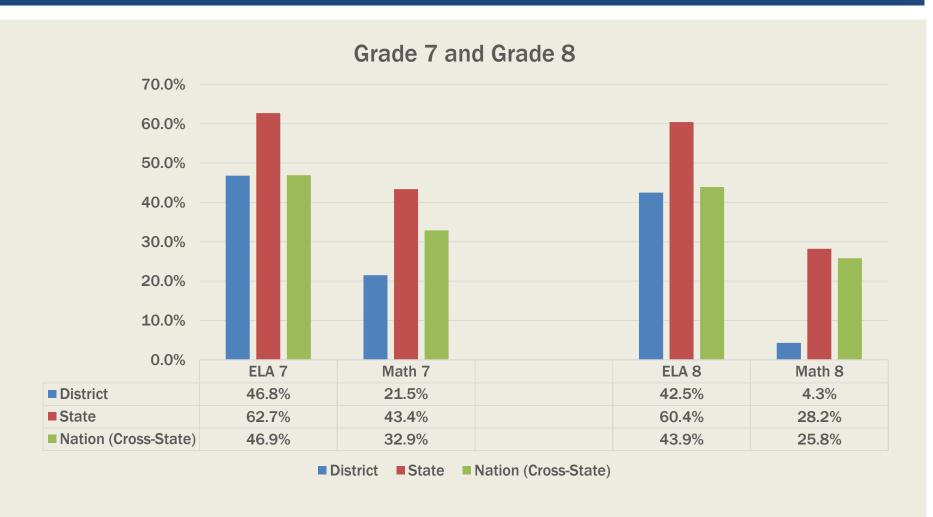
COMPARISON OF BELLEVILLE PUBLIC SCHOOL'S SPRING 2018 PARCC ADMINISTRATIONS TO NEW JERSEY MATHEMATICS - PERCENTAGES

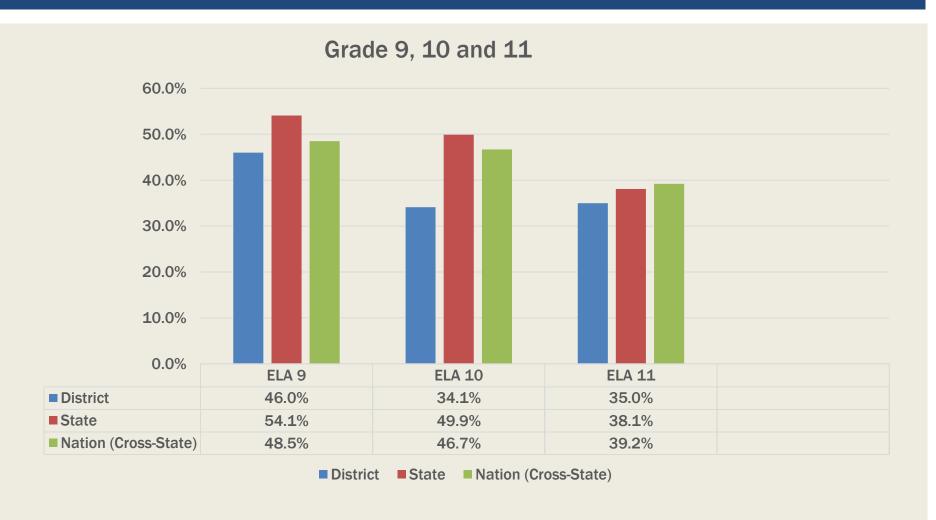
	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
	District	State	District	State	District	State	District	State	District	State
	2018	2018	2018	2018	2018	2018	2018	2018	2018	2017
Grade 3	8.9%	8.0%	22.0%	15.3%	31.3%	23.7%	30.6%	37.8%	7.2%	15.2%
Grade 4	5.3%	7.5%	24.4%	16.8%	37.9%	26.3%	30.6%	41.8%	1.8%	7.6%
Grade 5	4.7%	7.5%	18.4%	17.0%	34.7%	26.7%	37.3%	38.5%	4.9%	10.4%
Grade 6	14.2%	8.5%	29.2%	20.1%	33.6%	27.9%	22.0%	35.6%	1.0%	8.0%
Grade 7	12.1%	7.7%	34.0%	20.3%	32.3%	28.6%	20.5%	36.0	1.0%	7.4
Grade 8*	35.4%	22.0%	40.2%	22.7%	20.1%	27.1%	4.3%	27.2%	0.0%	1.0%
Algebra I	19.6%	11.3%	31.8%	18.6%	34.9%	24.3%	13.6%	39.3%	0.0%	6.5%
Algebra II	46.6%	31.0%	28.2%	22.4%	16.3%	18/0%	8.3%	24.6%	0.5%	4.0%
Geometry	15.9%	9.4%	37.7%	31.5%	29.1%	29.6%	16.5%	24.6%	0.8%	4.9%

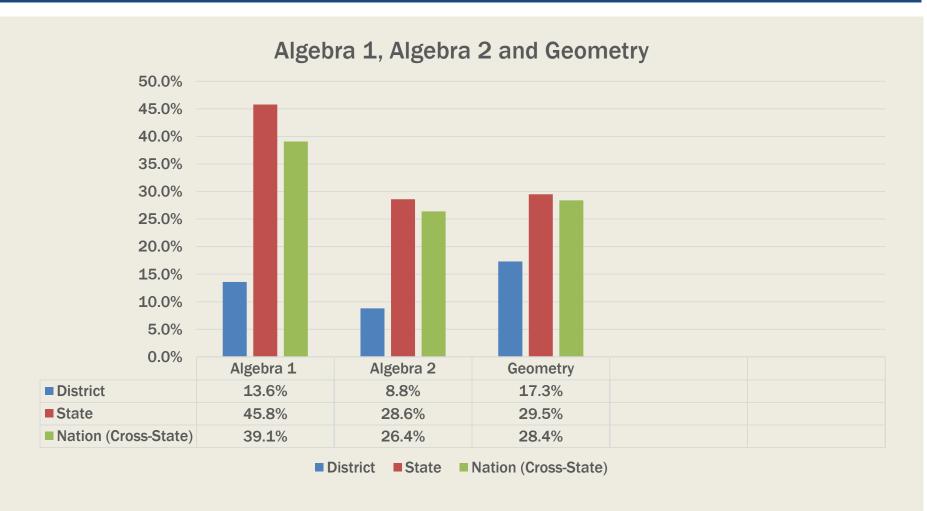
^{*}Some students in grade 8 participated in the PARCC Algebra I assessment in place of the 8th grade Math assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.











BELLEVILLE PUBLIC SCHOOL'S 2018 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	42.5%	50.7%	57.1%	46.4%	46.8%	42.5%	46.0%	34.1%	35.0%
School 3	35.1%	42.0%	49.1%						
School 4	42.9%	55.0%	60.8%						
School 5	34.8%	47.4%	58.9%						
School 7	29.8%	31.7%	40.3%						
School 8	54.8%	45.6 %	57.0%						
School 9	40.0%	92.9%	83.3%						
School 10	65.4%	83.3%	75.0%						
BMS				46.4%	46.8%	42.5%			
BHS							46.0%	34.1%	35.0%

BELLEVILLE PUBLIC SCHOOL'S 2018 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	37.8%	32.4%	42.2%	23.1%	21.5%	4.3%	13.6%	8.8%	17.3%
School 3	43.2%	30.0%	42.1%						
School 4	35.1%	45.0%	35.8%						
School 5	33.3%	19.0%	37.0%						
School 7	29.3%	36.7%	43.5%						
School 8	40.3%	27.5%	49.4%						
School 9	29.4%	31.0%	28.0%						
School 10	64.0%	56.5%	54.3%						
BMS				23.1%	21.5%	4.3%	26.2%		
BHS							10.5%	8.8%	17.3%

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.
- 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 and/or NJDOE Website understandthescore.org/.
- State Assessment Name Change: from PARCC to NJSLA-ELA and NJSLA-M
 - New Jersey Student Learning Assessments-ELA (NJSLA-ELA)
 - New Jersey Student Learning Assessments-Mathematics (NJSLA-M)
- 2019 NJSLA-ELA and NJSLA-M Testing Window-4/22/19 to 5/28/19
- Reduction in the Length and Time of Tests:
 - Number of units- 3 Units to 2 Units for ELA
 - Grade 3 ELA, reduction of 75 minutes
 - Grades 4 through High School ELA 10, reduction of 90 minutes
 - Grades 3 to 5 Mathematics, 4 Units to 3 Units, reduction of 60 minutes
 - Grades 6 to 8 Mathematics, 3 Units, a reductions of 60 minutes
 - Algebra 1 end-of-course test, 3 Units to 2 units, reduction of 90 minutes
- Additional information will be posted as it becomes available.
- Belleville Public Schools 2018-2019 Standardized Assessment Schedule is available on the District Website.

THANK YOU