

PARCC Results: Spring 2018 Administrations

Bernards Township School District
October 8, 2018

Measuring
College and
Career Readiness

Kristin Fox - Asst. Superintendent of Curriculum and Instruction

State Assessments

- Fourth Year of assessment using PARCC
- Overall results are very good and consistent with past performances
- Significant increase in student participation rates, particularly in the class of 2020
- On 10/3/18, the New Jersey Department of Education announced proposed changes in regulations that will 2018-19 impact testing schedule

COMPARISON OF BERNARDS TOWNSHIP SPRING 2017 & SPRING 2018 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)	
	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018
3	1.7%	3.0%	6.6%	8.6%	18.7%	18.4%	62.6%	58.8%	10.3%	11.5%
4	0.5%	2.2%	5.7%	2.2%	14.8%	13.9%	54.5%	43.8%	24.4%	38%
5	1.0%	0.8%	4.3%	2.6%	9.4%	11.1%	61.3%	64.9%	24.1%	20.6%
6	2.8%	1.6%	3.9%	3.4%	15.1%	11.8%	51.8%	52.4%	26.3%	30.9%
7	1.6%	3.8%	2.8%	2.7%	7.3%	12.5%	35.5%	40.6%	52.8%	40.3%
8	1.7%	2.3%	2.5%	2.5%	12.1%	11.4%	54.6%	49.5%	29.1%	34.3%
9	2.1%	1.4%	2.1%	4.8%	13.4%	11.5%	48.6%	53.6%	33.8%	28.7%
10	4.2%	4.4%	6.8%	5.4%	14.4%	14.1%	37.3%	36.3%	37.3%	39.9%
11*	11.8%	3.8%	5.9%	23.1%	11.8%	7.7%	50.0%	57.7%	20.6%	7.7%

*Grade 11 does not include students who took an AP 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 BERNARDS TOWNSHIP SPRING 2017 & SPRING 2018 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)	
	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018
3	0.9%	1.2%	4.9%	5.0%	14.1%	14.0%	45.2%	45.6%	34.9%	34.2%
4	1.8%	1.1%	3.9%	3.8%	13.9%	10.9%	60.1%	59.8%	20.4%	24.3%
5	1.8%	1.3%	3.8%	3.8%	13.9%	10.7%	49.4%	55.8%	31.2%	28.4%
6	3.1%	1.3%	3.1%	4.2%	17.1%	13.8%	53.2%	56.3%	23.5%	24.5%
7	2.2%	2.9%	3.2%	6.9%	19.6%	19.9%	58.9%	57.5%	16.1%	12.7%
8*	8.2%	14.9%	23.7%	11.9%	28.9%	45.5%	39.2%	27.7%	0.0%	0.0%
ALG I	1.1%	1.1%	4.5%	3.4%	12.0%	11.7%	64.8%	65.7%	17.6%	17.9%
GEO	0.0%	1.7%	1.8%	5.0%	8.5%	22.3%	70.3%	50.7%	19.4%	20.4%
ALG II	8.2%	1.3%	1.8%	2.6%	12.7%	13.2%	41.8%	62.6%	35.5%	20.3%

*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.

COMPARISON OF BERNARDS TOWNSHIP 2017 TO 2018 SPRING PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY

	% Change in Level 1 and Level 2				% Change in Level 4 and Level 5			
	Bernards Township		State		Bernards Township		State	
Grade 3		3.3%		0.1%		2.6%		1.2%
Grade 4		1.8%		0.6%		3%		2.1%
Grade 5		1.9%		0.5%		0.1%		0.9%
Grade 6		1.7%		1.3%		5.2%		2.9%
Grade 7		2.1%		1.5%		7.4%		3.5%
Grade 8		0.6%		0.8%		0.1%		1.2%
Grade 9		2%		1.5%		0.1%		3.2%
Grade 10		1.2%		4.4%		1.6%		4.7%
Grade 11*		9.2%		0.5%		5.2%		0.5%

*Grade 11 does not include students who took an AP 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 BERNARDS TOWNSHIP 2017 TO 2018 SPRING PARCC ADMINISTRATIONS MATHEMATICS

	% Change in Level 1 and Level 2				% Change in Level 4 and Level 5			
	Bernards Township		State		Bernards Township		State	
Grade 3	↑	0.7%	↑	0.9%	↓	4.8%	↑	0.6%
Grade 4	↓	0.8%	↓	1.3%	↑	3.6%	↑	2.1%
Grade 5	↓	0.5%	↑	0.2%	↑	3.6%	↑	20.7%
Grade 6	↓	0.7%	↓	0.2%	↑	4.1%	--	0%
Grade 7	↑	4.4%	↑	0.1%	↓	4.8%	↑	3.8%
Grade 8	↓	5.1%	↑	0.4%	↓	11.5%	↑	0.5%
Algebra I*	↓	1.1%	↓	4.4%	↑	1.2%	↑	4.4%
Algebra II	↓	6.1%	↓	2.4%	↑	5.6%	↑	2.0%
Geometry	↑	4.9%	↑	1.9%	↓	18.7%	↓	0.3%

*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.

- 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 BERNARDS TOWNSHIP STUDENTS TESTED SPRING 2017 AND SPRING 2018 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY

	Students Tested		Year to Year Increase/Decrease
	2017	2018	
Grade 3	348	337	-11
Grade 4	385	361	-24
Grade 5	354	388	+34
Grade 6	357	382	+25
Grade 7	386	367	-19
Grade 8	405	396	-9
Grade 9	426	442	+16
Grade 10	118	411	+293
Grade 11*	34	26	-8
TOTAL	2813	3110	+297

*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 BERNARDS TOWNSHIP STUDENTS TESTED SPRING 2017 AND SPRING 2018 PARCC ADMINISTRATIONS MATHEMATICS

	Students Tested		Year to Year Increase/Decrease
	2017	2018	
Grade 3	347	342	-5
Grade 4	388	366	-22
Grade 5	397	391	-6
Grade 6	357	384	+27
Grade 7	316	306	-10
Grade 8*	97	101	+4
Algebra I	466	435	-31
Algebra II	110	310	+200
Geometry	330	422	+92
TOTAL	2808	3057	+249

*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 BERNARDS TOWNSHIP SPRING 2018 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY TO NEW JERSEY- 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	2018
Grade 3	3.0%	13.5%	8.6%	13.5%	18.4%	21.4%	58.8%	43.5%	11.5%	8.1%
Grade 4	2.2%	7.6%	2.2%	12.3%	13.9%	22.1%	43.8%	39.1%	38%	18.9%
Grade 5	0.8%	6.9%	2.6%	12.6%	11.1%	22.4%	64.9%	47.2%	20.6%	10.8%
Grade 6	1.6%	6.2%	3.4%	13.6%	11.8%	24.0%	52.4%	41.3%	30.9%	14.9%
Grade 7	3.8%	8.6%	2.7%	10.2%	12.5%	18.5%	40.6%	34.1%	40.3%	28.6%
Grade 8	2.3%	8.7%	2.5%	11.1%	11.4%	19.8%	49.5%	39.9%	34.3%	20.4%
Grade 9	1.4%	12.3%	4.8%	12.5%	11.5%	21.1%	53.6%	38%	28.7%	16.1%
Grade 10	4.4%	18.3%	5.4%	12.8%	14.1%	19%	36.3%	31.8%	39.9%	18.1%
Grade 11*	3.8%	23.1%	23.1%	16.6%	7.7%	22.2%	57.7%	29.1%	7.7%	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 BERNARDS TOWNSHIP SPRING 2018 PARCC ADMINISTRATIONS MATHEMATICS TO NEW JERSEY- 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	2018
Grade 3	1.2%	8.0%	5.0%	15.3%	14.0%	23.7%	45.6%	37.8%	34.2%	15.2%
Grade 4	1.1%	7.5%	3.8%	16.8%	10.9%	26.3%	59.8%	41.8%	24.3%	7.6%
Grade 5	1.3%	7.5%	3.8%	17.0%	10.7%	26.7%	55.8%	38.5%	28.4%	28.4%
Grade 6	1.3%	8.5%	4.2%	20.1%	13.8%	27.9%	56.3%	35.6%	24.5%	8.0%
Grade 7	2.9%	7.7%	6.9%	20.3%	19.9%	28.6%	57.5%	36.0%	12.7%	7.4%
Grade 8*	14.9%	22.0%	11.9%	22.7%	45.5%	27.1%	27.7%	27.2%	0.0%	1.0%
Algebra I	1.1%	11.3%	3.4%	18.6%	11.7%	24.3%	65.7%	39.3%	17.9%	6.5%
Algebra II	1.7%	31%	5.0%	22.4%	22.3%	18.0%	50.7%	24.6%	20.4%	4.0%
Geometry	1.3%	9.4%	2.6%	31.5%	13.2%	29.6%	62.6%	24.6%	20.3%	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.

Notes: Percentages may not total 100 due to rounding.

BERNARDS TOWNSHIP

2018 SPRING PARCC SCHOOL & GRADE-LEVEL OUTCOMES

ENGLISH LANGUAGE ARTS/LITERACY

	Grade 3 % >= Level 4	Grade 4 % >= Level 4	Grade 5 % >= Level 4	Grade 6 % >= Level 4	Grade 7 % >= Level 4	Grade 8 % >= Level 4	Grade 9 % >= Level 4	Grade 10 % >= Level 4	Grade 11 % >= Level 4
State	52	58	58	56	63	60	54	50	38
District	70	82	86	83	81	84	82	76	65
Cedar Hill	64	71	82						
Liberty Corner	60	79	88						
Mount Prospect	78	92	91						
Oak St	80	84	81						
William Annin				83	81	84			
Ridge HS							82	76	65

BERNARDS TOWNSHIP

2018 SPRING PARCC SCHOOL- & GRADE-LEVEL OUTCOMES

MATHEMATICS

	Grade 3 % >= Level 4	Grade 4 % >= Level 4	Grade 5 % >= Level 4	Grade 6 % >= Level 4	Grade 7 % >= Level 4	Grade 8 % >= Level 4	Algebra I % >= Level 4	Algebra II % >= Level 4	Geometry % >= Level 4
State	53	49	49	44	43	28	46	29	30
District	80	84	84	81	70	28	84	83	71
Cedar Hill	82	78	80						
Liberty Corner	70	88	89						
Mount Prospect	86	85	91						
Oak St	81	86	77						
William Annin				81	70	28	98	100	98
Ridge HS							54	83	66

Bernards Township

2018 PARCC SUBGROUP OUTCOMES

- *Districts are required to report student performance in all subgroups when at least 20 students from a subgroup have taken a particular test.*
- *Possible subgroups include students identified as a member of a racial/ethnic group, economically disadvantaged students, students with disabilities and English Learners.*

Bernards Township
2018 PARCC SUBGROUP OUTCOMES
GRADES 3-5 ELA and MATH
Percent At or Above State Standards by Subgroup

Student Population	Female	Male	White	Asian	Hispanic	English Language Learners	Special Education
Grade 3 ELA (Total Students 337)	79.0%	62.2%	65.5%	77.5%	63.3%	-	40%
Grade 3 Math (Total Students 341)	79.7%	79.9%	73.9%	91.7%	64.5%	-	51.8%
Grade 4 ELA (Total Students 351)	89.2%	75.3%	77.6%	93.8%	70.0%	-	50.0%
Grade 4 Math (Total Students 366)	85.9%	82.6%	81.1%	95.6%	59.1%	-	58.0%
Grade 5 ELA (Total Students 388)	93.1%	77.4%	84.5%	90.6%	76.0%	-	50.0%
Grade 5 Math (Total Students 391)	86.2%%	81.9%	79.9%	96.9%	56.0%	-	48.1%

Bernards Township
2018 PARCC SUBGROUP OUTCOMES
GRADES 6-8 ELA and MATH
Percent At or Above State Standards by Subgroup

Student Population	Female	Male	White	Asian	Hispanic	English Language Learners	Special Education
Grade 6 ELA (Total Students 382)	88.4%	78.2%	78.4%	93.9%	75.0%	-	33.3%
Grade 6 Math (Total Students 384)	82.8%	78.6%	74.5%	95.7%	64.0%	-	26.2%
Grade 7 ELA (Total Students 367)	90.1%	73.0%	74.6%	93.9%	70.4%	-	36.4%
Grade 7 Math (Total Students 306)	68.2%	72.2%	64.4%	89.5%	48.0%	-	33.3%
Grade 8 ELA (Total Students 396)	86.9%	81.2%	80.7%	95.9%	58.3%	-	20.0%
Grade 8 Math (Total Students 101)	39.6%	14.6%	24.7%	-	-	-	26.5%

Bernards Township
2018 PARCC SUBGROUP OUTCOMES
HIGH SCHOOL ELA and MATH
Percent At or Above State Standards by Subgroup

Student Population	Female	Male	White	Asian	Hispanic	English Language Learners	Special Education
Algebra I (Total Students 422)	82.6%	84.6%	81.8%	94.2%	73.1%	-	30.4%
Geometry I (Total Students 422)	70.1%	72.0%	64.5%	89.3%	58.3%	-	18.5%
Algebra II (Total Students 310)	82.8%	83.0%	76.9%	93.9%	-	-	-
Grade 9 ELA (Total Students 442)	87.7%	76.2%	77.3%	93.8%	79.2%	-	42.5%
Grade 10 ELA (Total Students 411)	82.6%	70.4%	72.5%	88.3%	69.2%	-	33.3%
Grade 11 ELA (Total Students 26)	-	-	-	-	-	-	-
District ELA (Total Students 3872)	64.3%	64.9%	59.8%	78.9%	58.9%	-	29.6%
District MA (Total Students 3497)	68.1%	68.3%	61.1%	59.6%	51.5%	63.8%	29.7%

New Jersey Science Testing

- New Jersey Student Learning Standards in Science - *Full Implementation 2017*
- Students in grades 4, 8 , 11 participated in NJSLA Science Field Test - *Spring 2018*
- Districts received confirmation that no score performance reports would be made available to districts - *September 2018*

Data Informed Decisions

- English Language Arts
 - *Grade 6 ELA Revision: Providing students with more practice in the skill of being able to provide an objective summary of informational text, primarily historical documents*
 - *PARCC scores were used to determine individual student placements in Essential Elements ELA, Instructional Support Grades 4-12*
- Mathematics
 - *Providing additional support to lowest performing students on multiple assessments by pushing into the ESL Academic Support class*
- Special Education
 - *Providing additional support to Resource Room students during Academic Support classes*
- Administrative discussion of growth score calculations

PARCC Testing and Requirements

2018-2019 State Assessment Changes Announced

10/3/18

Proposed Amendments to High School Assessment Component and Graduation Assessment Requirements

Topic	Current Regulations	Amendments as of October 3, 2018
High School Assessment Component	<ul style="list-style-type: none"> • ELA 9, 10, 11 • Alg. I, Geometry, Alg. II <p><i>An advanced English course with an aligned assessment (IB or AP) may be substituted for the ELA 11 state assessment. Algebra II is not a required course for high school graduation, so every student would not take the Algebra II assessment.</i></p>	<ul style="list-style-type: none"> • ELA 9 and 10 • End-of-course math in 9th and 10th grade (Algebra I and Geometry or Geometry and Algebra II)
Graduation Assessment Requirements	<ul style="list-style-type: none"> • Take and pass: <ul style="list-style-type: none"> • ELA 10 • Algebra I 	<ul style="list-style-type: none"> • Take and pass: <ul style="list-style-type: none"> • ELA 10 • Algebra I
Alternative Graduation Assessment Pathways for students who do not pass ELA 10 and/or Algebra I	<ul style="list-style-type: none"> • Starting with the Class of 2021, the only alternative graduation assessment option: <ul style="list-style-type: none"> • Portfolio Appeals Process 	<ul style="list-style-type: none"> • Maintain the menu of graduation assessment options (currently afforded to the Class of 2020) that includes other end-of-course state assessments (e.g. Geometry and Algebra II) and assessments such as ACT, SAT, ASFAB, and ACCUPLACER • Portfolio Appeals Process
Access to the Menu of Graduation Assessment Options for students who take but do not pass ELA 10 and/or Algebra I	<ul style="list-style-type: none"> • Starting with the Class of 2020, a student must take all other applicable state assessments prior to being able to avail themselves of the menu of alternative competency assessments (Geometry, Algebra II, ELA 9 and 11) 	<ul style="list-style-type: none"> • A student must be remediated in and be offered the opportunity to retake ELA 10 and/or Algebra I (including during the summer)



Summary of Proposed Changes Previously Presented at Earlier State Board Meetings

- Eliminate references to “PARCC”
- Technical changes throughout
- Clarify that a student’s IEP or 504 plan establishes the individualized accommodations and/or modifications that a district must provide
- Extend to high school the rule currently in elementary and middle school that allows English Language Learners in their first year in the U.S. to substitute the state-mandated language proficiency test for the state ELA assessment; allows students who as a result of this law, do not take the ELA 10 to be granted access to the alternative graduation pathways
- Ensure boards of education provide student state assessment results to students, parents, and teachers within 30 days of receipt from the NJDOE



Top Resources for Parents

New Jersey Department of Education PARCC Resources for Parents:
<http://state.nj.us/education/assessment/parents/>

- **www.UnderstandtheScore.org**
 - Understanding the score report video
 - Parent Guide to the Score Report
 - Linked to Greatschools.org - Detailed information on grade level specifics

- **<http://www.pta.org/parents>**
 - PTA - Parent Guide to Student Success (Common Core)

- **<http://parcc-assessment.org/resources/parent-resources>**
 - Math and ELA Parent Guides
 - Testing Accommodations
 - Performance Level Setting