

NJSLA Results: Spring 2019 Administrations

Boonton School District
October 28th, 2019

Measuring
College and
Career
Readiness

State of NJ State Assessments

- The Spring 2019 NJSLA assessment was the 5th administration of the revised NJ State assessment previously known as PARCC (Partnership for Readiness and College Careers) and the first year as NJSLA (New Jersey Student Learning Assessment). This series of “new” assessments replaced NJASK (NJ Assessment of Skills and Knowledge).
- Students in grades 3 through 11 participated in both English / Language Arts and Mathematics assessments at John Hill and Boonton HS.
- As per NJ State Statute, graduation from high school is contingent upon passing specific state assessments BUT has been inconsistent per graduation cohort.
- NJSLA saw a substantial decrease in testing duration from PARCC. That plus the district allowing students to use their supplied Chromebooks drastically reduced our standardized testing time last Spring.

NJSLA/PARCC PERFORMANCE LEVELS

- Level 1: Not yet meeting grade-level expectations
- Level 2: Partially meeting grade-level expectations
- Level 3: Approaching grade-level expectations

Meets/Exceeds Proficiency

- Level 4: Meeting grade-level expectations
- Level 5: Exceeding grade-level expectations

Comparison of **Boonton School District's** Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations English Language Arts - Percentages

Grade	Level 1 2017	Level 1 2018	Level 1 2019	Level 2 2017	Level 2 2018	Level 2 2019	Level 3 2017	Level 3 2018	Level 3 2019	Level 4 2017	Level 4 2018	Level 4 2019	Level 5 2017	Level 5 2018	Level 5 2019	Change in Level 1 and 2 2017 to 2019	Change in Level 4 and 5 2017 to 2019**
3	6	10	7.3	8.4	10.5	4.9	19.3	14.5	25.6	42.9	59.2	56.1	7.5	5.3	6.1	-2.2	11.8
4	4.8	3.6	4	8.3	10.7	14.7	25	23.8	8	46.4	47.6	54.7	15.5	13.1	18.7	5.6	11.5
5	7.4	3.4	5.7	2.9	12.6	8	33.8	19.5	34.5	50	60.9	42.5	5.9	3.4	9.2	3.4	-4.2
6	4.5	2.9	4.6	15.2	7.2	10.3	21.2	39.1	25.3	39.4	34.8	46	19.7	13	13.8	-4.8	.7
7	4.5	1.4	1.6	7.9	4.3	1.6	21.3	14.3	19	43.8	34.3	39.7	22.5	45.7	38.1	-9.2	11.5
8	4.1	6.7	4.1	9.6	4.4	4.1	17.8	23.3	17.8	52.1	44.4	39.7	16.4	21.1	34.2	-5.5	5.4
9	10.9	11.9	4.7	11.5	7.9	10	23.7	18.5	29.4	44.2	43	42.4	9.6	17.9	13.5	-7.7	2.1
10	16.9	6.4	11.5	18.1	10.1	9.6	22.9	13.8	19.1	33.7	43.4	31.8	8.4	15.1	28	-13.9	17.7

*Grade 11 test was optional for 2018-2019 assessment year. **Level 4 and Level 5 is an indication a student is on pace to be college and career ready.

Comparison of **Boonton School District's** Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations Mathematics - Percentages

Grade	Level 1 2017	Level 1 2018	Level 1 2019	Level 2 2017	Level 2 2018	Level 2 2019	Level 3 2017	Level 3 2018	Level 3 2019	Level 4 2017	Level 4 2018	Level 4 2019	Level 5 2017	Level 5 2018	Level 5 2019	Change in Level 1 and 2 2017 to 2019	Change in Level 4 and 5 2017 to 2019**
3	2.4	3.9	1.2	2.4	6.6	2.4	17.9	17.1	18.1	51.2	38.2	51.8	26.2	34.2	26.5	-1.2	.9
4	1.2	3.4	3.9	9.5	14.8	11.8	20.2	25	14.5	64.3	52.3	59.2	4.8	3.4	10.5	5	.6
5	5.9	3.4	0	17.6	10.2	23	29.4	28.4	20.7	42.6	51.1	50.6	4.4	6.8	5.7	-0.5	9.3
6	6	2.9	1.1	20.9	12.9	10.3	16.4	38.6	32.2	47.8	40	48.3	9	2.9	8	-15.5	-.5
7	1.1	5.6	0	18	7	12.5	30.3	35.2	35.9	41.6	38	42.2	9	14.1	9.4	-6.6	1
8*	14.8	18.3	20.8	14.8	20	28.3	33.3	31.7	18.9	37	30	32.1	0	0	0	19.5	-4.9
ALG I ***	4.9	0	7.5	18	0	19.9	38.5	3.1	24	37.7	87.5	47.9	.8	9.4	.7	4.5	10.1
ALG II ***	33.8	23.2	30.5	17.2	16.9	8.5	26.9	9.7	18.6	20.7	15.5	39	1.4	0	2.1	-12	19
GEO ***	6.6	4.5	5.6	31.1	41.4	17.5	40.4	30.1	42.7	21.9	21.8	32.2	0	2.3	2.1	-14.6	12.4

*Approximately 30,000 New Jersey students in grade 8 participated in the Algebra I assessment. Thus, 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.

*** NJSLA 2018-2019 assessments were optional for 11th Grade students

Comparison of Boonton School District's 2017 to 2019 Spring NJSLA Administrations English Language Arts – Percentage Changes

Grade	Levels 1 & 2 District Trend	Levels 1 & 2 District	Levels 1 & 2 State Trend	Levels 1 & 2 State	Level 3 District Trend	Level 3 District	Level 3 State Trend	Level 3 State	Levels 4 & 5 District Trend	Levels 4 & 5 District	Levels 4 & 5 State Trend	Levels 4 & 5 State
3	—	- 2.2	+	1.3%	+	+6.3	—	1.1%	+	+11.8	—	0.1%
4	+	+5.6	+	0.7%	—	-17	—	2.3%	+	+11.5	+	1.5%
5	+	+3.4	+	0.9%	+	+7	+	0.1%	—	-4.2	—	1.1%
6	—	-4.8	—	1.1%	+	+4.1	—	1.7%	+	+7	+	2.8%
7	—	-9.2	—	1.0%	—	-2.3	—	2.7%	+	+11.5	+	3.6%
8	—	-5.5	—	1.2%		0	—	2.6%	+	+5.4	+	3.7%
9	—	-7.7	—	2.5%	+	+5.7	—	1.8%	+	+2.1	+	4.4%
10	—	-13.9	—	8.9%	—	-3.8	—	3.6%	+	+17.7	+	12.5%

* NJSLA 2018-2019 assessments were optional for 11th Grade students . State Percentages do not include results for Grade 11.

- Notes: Percentages may not total 100 due to rounding.
- The plus sign (+) indicates an increase of the % change from the previous year where a minus sign (-) shows a decrease of the % change from the previous year.

Comparison of **Boonton School District's** 2017 to 2019 Spring NJSLA Administrations **Mathematics – Percentage Changes**

Grade	Levels 1 & 2 District Trend	Levels 1 & 2 District	Levels 1 & 2 State Trend	Levels 1 & 2 State	Level 3 District Trend	Level 3 District	Level 3 State Trend	Level 3 State	Levels 4 & 5 District Trend	Levels 4 & 5 District	Levels 4 & 5 State Trend	Levels 4 & 5 State
3	—	-1.2	—	0.5%	+	+.2	—	2.1%	+	+.9	+	2.6%
4	+	5	—	2.3%	—	-5.7	—	1.4%	+	+.6	+	3.7%
5	—	-.5	+	3.2%	—	-8.7	—	3.8%	+	+9.3	+	0.6%
6	—	-15.5	+	3.4%	+	+15.8	—	0.3%	—	-.5	—	3.1%
7	—	-6.6	+	0.7%	+	+5.6	—	3.7%	+	+1	+	1.6%
8	+	+19.5	+	2.1%	—	-14.4	—	0.4%	—	-4.9	+	2.6%
Algebra I***	+	+4.5	+	2.0%	—	-14.5	—	3.0%	+	+10.1	+	1.0%
Algebra II***	—	-12	—	1.1%	—	-8.3		0.0%	+	+12.4	+	1.1%
Geometry***	—	-14.6	—	0.1%	+	+2.3	+	0.3%	+	+19	—	0.3%

*Some students in grade 8 participated in the Algebra I assessment in place of the 8th grade Math assessment. Thus, Math 8 outcomes are not representative of grade 8 performance as a whole. *** NJSLA 2018-2019 assessments were optional for 11th Grade students, state results do not include Grade 11 results.

Notes: Percentages may not total 100 due to rounding.

- The plus sign (+) indicates an increase of the % change from the previous year where a minus sign (-) shows a decrease of the % change from the previous year.

Comparison of **Boonton School District's**
Number of Students Tested
Spring 2018 & Spring 2019 NJSLA Administrations
English Language Arts

Grade	Students Tested 2019	Students Tested 2018	Difference between number of students tested in 2018 and 2019
3	82	76	6
4	75	84	9
5	87	87	0
6	87	67	20
7	63	70	7
8	73	90	17
9	170	150	20
10	157	157	0
Total	794	781	+13 in 2019 vs 2018

**** NJSLA 2018-2019 assessments were optional for 11th Grade students.**

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

Comparison of **Boonton School District's** Number of Students Tested Spring 2018 & Spring 2019 NJSLA Administrations **Mathematics**

Grade	Students Tested 2019	Students Tested 2018	Difference between number of students tested in 2018 and 2019
3	83	76	7
4	76	87	11
5	87	88	1
6	87	68	19
7	64	71	7
8*	53	60	7
Algebra I**	146	149	3
Algebra II**	59	135	76
Geometry**	143	133	10
Total	798	867	+69 in 2019 vs 2018

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

** NJSLA 2018-2019 assessments were optional for 11th Grade students

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

Comparison of **Boonton School District's** Spring 2019 NJSLA Administrations English Language Arts to New Jersey Percentages for 2019

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	↓ 7.3	14.0	↓ 4.9	14.4	25.6	21.4	↑ 56.1	42.8	↓ 6.1	7.4
4	↓ 4	8.6	↑ 14.7	12.6	8	21.4	↑ 54.7	39.1	↑ 18.7	18.3
5	↓ 5.7	7.4	↓ 8	12.5	34.5	22.2	↓ 42.5	45.6	↓ 9.2	12.3
6	↓ 4.6	7.3	↓ 10.3	12.6	25.3	23.9	↑ 46	40.9	↓ 13.8	15.2
7	↓ 1.6	8.9	↓ 1.6	10.5	19	17.8	↑ 39.7	33.1	↑ 38.1	29.7
8	↓ 4.1	9.2	↓ 4.1	10.3	17.8	17.7	↑ 39.7	38.0	↑ 34.2	24.9
9	↓ 4.7	11.3	↓ 10	11.8	29.4	21.1	↑ 42.4	36.7	↓ 13.5	19.2
10	↓ 11.5	14.3	↓ 9.6	10.9	19.1	15.9	↓ 31.8	33.4	↑ 28	25.5

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

** NJSLA 2018-2019 assessments were optional for 11th Grade students, state results do not include Grade 11 results.

Notes: Percentages may not total 100 due to rounding.

Comparison of **Boonton School District's** Spring 2019 NJSLA Administrations Mathematics to New Jersey - Percentages for 2019

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	1.2	8.0	2.4	13.9	18.1	23.0	51.8	41.2	26.5	13.9
4	3.9	8.6	11.8	14.7	14.5	25.7	59.2	43.3	10.5	7.7
5	0	6.4	23	20.9	20.7	25.8	50.6	35.8	5.7	11.0
6	1.1	9.6	10.3	22.5	32.2	27.4	48.3	33.1	8	7.5
7	0	7.6	12.5	21.1	35.9	29.3	42.2	33.8	9.4	8.3
8*	20.8	23.3	28.3	23.1	18.9	24.3	32.1	28.2	0	1.1
Algebra I**	7.5	9.3	19.9	26.0	24	21.4	47.9	37.7	.7	5.6
Algebra II**	30.5	21.3	8.5	14.3	18.6	18.7	39	40.4	3.4	5.3
Geometry**	5.6	10.4	17.5	24.6	42.7	32.8	32.2	26.9	2.1	5.3

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

** NJSLA 2018-2019 assessments were optional for 11th Grade students.

Notes: Percentages may not total 100 due to rounding.

**Comparison of Boonton School District's
Subgroups
Spring 2018 and Spring 2019 NJSLA Administrations
Mathematics - Percentages**

	Not Meeting Expectations(Level 1 – 3)								Meeting Expectations(Level 4 & 5)							
	Gr3	Gr4	Gr5	Gr6	Gr7	Gr8	Alg1	Alg2	Gr3	Gr4	Gr5	Gr6	Gr7	Gr8	Alg1	Alg2
Female	23.9	29.7	48.9	44.1	41.3	58.3	54.9	48.1	76	70.3	51.1	55.9	58.6	41.7	45.2	51.8
Male	18.9	30.8	37.5	43.2	54.3	75.8	60.9	65.7	81	69.3	62.5	56.9	45.7	24.1	39.1	34.4
African- American	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asian	27.3	33.4	33.3	16.6	53.3	71.4	53.9	-	72.8	66.7	66.6	83.4	46.6	28.6	46.2	-
Hispanic	17.7	53.4	57.9	73.4	69.3	77	68.9	-	82.4	46.7	42.1	26.7	30.8	23.1	31	-
White	21.7	19.5	34.1	42.3	30	60.8	53.3	53.7	78.3	80.5	65.9	57.7	70	39.1	46.8	46.4
Econ Disadvn	33.3	50	65.8	70.1	68.5	85.7	64.8	100	66.7	50	34.3	29.6	31.6	14.3	35.1	0
Students W/Disblty	66.6	63	80	73.7	-	100	90.3	100	33.3	36.8	20	26.3	-	0	9.7	10

**Comparison of Boonton School District's
Subgroup
Spring 2018 and Spring 2019 NJSLA Administrations
English / Language Arts - Percentages**

	Not Meeting Expectations(Level 1 – 3)								Meeting Expectations(Level 4 & 5)							
	Gr3	Gr4	Gr5	Gr6	Gr7	Gr8	Gr9	Gr10	Gr3	Gr4	Gr5	Gr6	Gr7	Gr8	Gr9	Gr10
Female	41.8	18.9	42.5	30.3	14.3	9.7	34.2	26.7	57.8	81.1	57.5	69.8	85.7	90.4	65.8	73.2
Male	32.4	34.3	55	49.9	28.7	38	52.8	51.2	67.6	65.8	45	50	71.5	61.9	44.6	48.8
African- American	-	-	-	-	-	-	-	63.7	-	-	-	-	-	-	-	36.4
Asian	54.6	33.3	46.7	16.7	20	23.5	22.2	27.8	45.5	66.7	53.3	83.4	80	76.5	77.8	72.2
Hispanic	56.3	28.5	63.1	73.4	41.7	42.8	54.6	73.9	43.8	71.4	36.8	26.7	58.4	57.1	45.4	26.1
White	26.1	21.9	38.6	36.6	10	20.5	45	33.6	73.9	78.1	61.3	63.5	90	79.5	55	66.7
Econ Disadvn	66.6	40	62.8	59.2	26.3	45.4	-	54	33.3	60	37.2	40.7	73.7	54.5	-	64.1
Students W/Disblty	83.3	68.4	86.6	89.4	-	58.4	90.3	81.2	16.7	31.6	13.3	10.5	-	41.7	9.7	18.7

Notable Achievements

- Overall, our district state assessment scores have increased from 2017 to 2019. In some grades/subject areas, the increases have been substantial.
- Data warehousing of student assessments in our SIS (Realtime) has made data-driven instruction more effective and accessible for all administrative and teaching staff
- Grades K - 5 - Teacher's College / Reader's Workshop Literacy program has proved effective increasing early childhood and elementary ELA scores
- iReady diagnostic assessment data is increasing differentiated instruction at early childhood/elementary/middle-school level
- ELA grades 9 and 10 and Mathematics (Alg I, II & Geometry) show marked improvement. 2020 will be the 3rd year of common assessments, benchmarks and continued PD in essential questions at BHS
- Increased use of Chromebooks and online resources (such as Google Classroom).

Intervention Strategies

- For this year we have partnered with East-West Math to augment math instruction strategies at both School Street and John Hill School. This coupled with adding Chromebooks for 6th and 7th graders
- Also for 2019-2020 we have “departmentalized” grades 4 - 5 for core subject area instruction.
- Added instructional component to iReady in Math (individualized practice based on ability level).
- Title I funded (K-5) supplemental ELA and Math instruction for identified students.
- Increased focus on classroom instruction strategies at BHS