

NJSLA Results: Spring 2019 Administrations

Cranford Public Schools District Testing Report October 14, 2019

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Measuring
College and
Career Readiness

2015 (PARCC)

- Two testing windows
- Longer duration
- More test sections

2016 - 2019 (PARCC/NJSLA 2019)

- Single testing window
- Reduced sections and duration
- Same standards addressed

Transition to Next Generation Assessments

- 2019-2021 = NJDOE develops RFP for Next Gen Assessments
- 2021-22 = Field Test in Grades 3-9 and 11
 - Grade 11 will be a “Graduation Assessment”
- 2022-23 = Full implementation

New Jersey Assessment: Past and Future

Things to Keep in Mind When Looking at Data

- Based on enrollment, each percent of change equates to around 2-3 students depending on grade level. School to school comparisons fluctuate even more based on their smaller populations.
- Due to changes in state graduation requirements, the seriousness with which students took the NJSLA assessments may have been affected, especially at the upper grades (9th).
- These data are only one piece of information that we have on students and should be triangulated with other data and teacher input to give us the complete picture.
- NJSLA only takes into account Mathematics and ELA - not every aspect of our students.

COMPARISON OF CRANFORD'S SPRING 2019 NJSLA 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
Grade 3	3	14	7	14	17	21	59	43	13	7
Grade 4	3	9	5	13	12	21	51	39	30	18
Grade 5	2	7	4	13	16	22	56	46	22	12
Grade 6	1	7	5	13	19	24	54	41	21	15
Grade 7	2	9	5	11	11	18	41	33	41	30
Grade 8	3	9	5	10	12	18	47	38	33	25
Grade 9	4	12	13	12	22	21	42	36	19	19
Grade 10	3	15	4	11	13	16	38	33	42	25

Notes: Percentages may not total 100 due to rounding.

COMPARISON OF CRANFORD'S SPRING 2019 NJSLA 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
Grade 3	2	8	6	14	23	23	48	41	21	14
Grade 4	1	9	9	15	20	26	60	43	10	8
Grade 5	2	6	11	21	18	26	50	36	20	11
Grade 6	1	10	10	23	23	27	52	33	15	8
Grade 7	2	8	8	21	22	29	50	34	19	8
Grade 8*	21	23	26	23	31	24	22	28	0	1
Algebra I	2	10	14	26	20	21	54	37	10	6
Algebra II	10	21	14	14	31	19	42	40	4	5
Geometry	4	11	24	25	39	32	30	26	4	5

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

Notes: Percentages may not total 100 due to rounding.

Cranford ELA and Mathematics % > = Level 4 compared to state

	ELA % LEVEL 4 & 5		MATH % LEVEL 4 & 5	
	District	State	District	State
Grade 3	72	50	68	56
Grade 4	81	57	70	51
Grade 5	78	58	70	47
Grade 6	75	56	66	41
Grade 7	82	63	69	42
Grade 8	80	63	22	29
Grade 9	61	55		
Grade 10	80	58		
Algebra I			64	43
Geometry			33	31
Algebra II			46	46

Brookside Place

2019 Spring NJSLA School- & Grade-Level Outcomes 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)	% of students at Level 4 & 5	District % at level 4 & 5	State % at level 4 & 5
Grade 3 (74)	0	4	11	54	31	85	68	55
Grade 4 (59)	2	7	12	66	14	80	70	51
Grade 5 (60)	0	8	12	57	23	80	70	47

Livingston Ave School

2019 Spring NJSLA School- & Grade-Level Outcomes 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)	% of students at Level 4 & 5	District % at level 4 & 5	State % at level 4 & 5
Grade 3 (89)	2	6	21	49	21	71	68	55
Grade 4 (83)	0	6	19	68	7	74	70	51
Grade 5 (78)	1	9	15	46	28	74	70	47

Hillside Ave School

2019 Spring NJSLA School- & Grade-Level Outcomes 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)	% of students at Level 4 & 5	District % at level 4 & 5	State % at level 4 & 5
Grade 3 (47)	2	4	17	47	30	77	68	55
Grade 4 (60)	0	18	30	38	13	51	70	51
Grade 5 (43)	2	5	30	47	16	63	70	47
Grade 6 (133)	1	10	29	50	11	61	66	41
Grade 7 (133)	2	14	32	46	7	53	69	42
Grade 8 (58)	29	38	28	5	0	5	22	29
Algebra (76)	0	3	17	62	18	80	64	43

Orange Ave School

2019 Spring NJSLA School- & Grade-Level Outcomes 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)	% of students at Level 4 & 5	District % at level 4 & 5	State % at level 4 & 5
Grade 3 (89)	4	10	38	40	7	47	68	55
Grade 4 (83)	4	7	18	63	8	71	70	51
Grade 5 (84)	2	17	18	50	13	63	70	47
Grade 6 (149)	1	9	19	54	17	71	66	41
Grade 7 (147)	1	3	13	54	29	83	69	42
Grade 8 (63)	13	16	33	38	0	38	22	29
Algebra (122)	0	0	4	80	16	96	64	43

Cranford High School

2019 Spring NJSLA School- & Grade-Level Outcomes 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)	% of students at Level 4 & 5	District % at level 4 & 5	State % at level 4 & 5
Algebra (123)	5	35	37	23	0	23	64	43
Geometry (288)	4	24	39	30	4	33	33	31
Algebra II (193)	10	14	31	42	4	46	46	46

Brookside Place

2019 Spring NJSLA School- & Grade-Level Outcomes

ELA - Percentages

	Not Yet Meeting Expectations (Level 1)	Partially Meeting Expectations (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% of students at Level 4 & 5	District % at level 4 & 5	State % at level 4 & 5
Grade 3 (74)	0	1	15	72	12	84	72	50
Grade 4 (59)	0	7	9	48	37	85	81	57
Grade 5 (62)	2	0	7	58	34	92	78	58

Livingston Ave School

2019 Spring NJSLA School- & Grade-Level Outcomes ELA - Percentages

	Not Yet Meeting Expectations (Level 1)	Partially Meeting Expectations (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% of students at Level 4 & 5	District % at level 4 & 5	State % at level 4 & 5
Grade 3 (89)	3	7	19	54	17	71	72	50
Grade 4 (83)	1	0	12	49	37	86	81	57
Grade 5 (78)	0	5	15	54	26	80	78	58

Hillside Ave School

2019 Spring NJSLA School- & Grade-Level Outcomes ELA - Percentages

	Not Yet Meeting Expectations (Level 1)	Partially Meeting Expectations (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% of students at Level 4 & 5	District % at level 4 & 5	State % at level 4 & 5
Grade 3 (47)	4	15	15	53	13	66	72	50
Grade 4 (60)	5	7	17	50	22	72	81	57
Grade 5 (43)	0	9	21	56	14	70	78	58
Grade 6 (134)	2	8	16	51	23	74	75	56
Grade 7 (134)	2	8	15	44	31	75	82	63
Grade 8 (134)	5	7	17	44	27	71	80	63

Orange Ave School

2019 Spring NJSLA School- & Grade-Level Outcomes

ELA - Percentages

	Not Yet Meeting Expectations (Level 1)	Partially Meeting Expectations (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% of students at Level 4 & 5	District % at level 4 & 5	State % at level 4 & 5
Grade 3 (89)	5	9	19	57	10	67	72	50
Grade 4 (83)	5	7	10	57	22	78	81	57
Grade 5 (85)	6	2	20	57	15	72	78	58
Grade 6 (149)	0	2	22	58	18	76	75	56
Grade 7 (147)	1	3	7	38	51	89	82	63
Grade 8 (184)	1	4	9	50	37	86	80	63

Cranford High School

2019 Spring NJSLA School- & Grade-Level Outcomes ELA - Percentages

	Not Yet Meeting Expectations (Level 1)	Partially Meeting Expectations (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	% of students at Level 4 & 5	District % at level 4 & 5	State % at level 4 & 5
Grade 9 (281)	4	13	22	42	19	61	61	55
Grade 10 (316)	3	4	13	38	42	80	80	58

Comparative Cohort - 4 Year Mean Scores

ELA 4 Year Mean

	15-16	16-17	17-18	18-19
ELA03	769	764	766	769
ELA04	769	774	772	773
ELA05	769	776	775	774
ELA06	761	767	770	768
ELA07	768	771	773	777
ELA08	770	773	774	778
ELA09	763	761	765	759
ELA10	757	775	762	782
ELA11	745	766	758	

Mathematics 4 Year Mean

	15-16	16-17	17-18	18-19
MAT03	770	763	766	764
MAT04	758	761	760	763
MAT05	762	767	767	764
MAT06	758	759	766	759
MAT07	756	759	760	761
MAT08	731	729	729	728
ALG01	752	754	763	761
GEOM	745	745	744	739
ALG02	727	742	738	743

COMPARISON OF CRANFORD'S 2018 TO 2019 SPRING PARCC & NJSLA ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY

	% Change in Level 1 and Level 2				% Change in Level 4 and Level 5			
	CRANFORD		State		CRANFORD		State	
Grade 3	↓	2%		0	↑	5%	↓	2%
Grade 4	↓	2%	↑	2%	↑	3%	↓	1%
Grade 5	↑	1%		0	↓	5%		0
Grade 6	↑	3%		0	↓	9%		0
Grade 7		0	↑	1%		0		0
Grade 8	↓	1%	↓	1%	↑	3%	↑	3%
Grade 9	↑	8%	↓	1%	↓	13%	↑	1%
Grade 10	↓	10%	↓	5%	↑	13%	↑	8%

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 CRANFORD'S 2018 TO 2019 SPRING PARCC & NJSLA ADMINISTRATIONS MATHEMATICS

	% Change in Level 1 and Level 2				% Change in Level 4 and Level 5			
	CRANFORD		State		CRANFORD		State	
Grade 3	↑	1%	↓	1%	↓	3%	↑	1%
Grade 4	↑	1%	↓	1%	↑	6%	↑	1%
Grade 5	↑	6%	↑	2%	↓	8%	↓	2%
Grade 6	↑	5%	↑	4%	↓	12%	↓	3%
Grade 7	↑	1%	↑	1%	↑	3%	↓	2%
Grade 8	↑	8%	↑	1%	↑	1%	↑	1%
Algebra I*	↑	4%	↑	6%	↓	1%	↓	3%
Algebra II	↓	6%	↓	18%	↑	6%	↑	16%
Geometry	↑	6%	↓	4%	↓	6%	↑	1%

*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.

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.

CRANFORD

2019 NJSLA SUBGROUP OUTCOMES

ELEMENTARY ELA and MATH

NJSLA - Percent Scoring 4 & 5 by Subgroup

	Female	Male	White	Asian	Hispanic or Latino
Grade 3 ELA	78	66	73	93	68
Grade 3 Math	64	73	69	87	59
Grade 4 ELA	85	76	82	77	76
Grade 4 Math	67	72	70	92	67
Grade 5 ELA	81	76	78	94	71
Grade 5 Math	67	73	70	81	57

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2019 NJSLA SUBGROUP OUTCOMES

6-8 ELA and MATH

PARCC - Percent Percent Scoring 4 & 5 by Subgroup

	Female	Male	White	Black or African American	Asian	Hispanic or Latino
Grade 6 ELA	87	64	76	42	93	69
Grade 6 Math	70	63	69	33	93	49
Grade 7 ELA	86	78	84	NR	93	70
Grade 7 Math	66	72	72	NR	79	50
Grade 8 ELA	88	72	82	NR	100	56
Grade 8 Math	23	22	25	NR	NR	7

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2019 NJSLA SUBGROUP OUTCOMES

HIGH SCHOOL ELA and MATH

PARCC- Percent Percent Scoring 4 & 5 by Subgroup

	Female	Male	White	Black or African American	Asian	Hispanic or Latino
Algebra I	63	65	65	NR	83	52
Geometry I	34	33	33	13	80	33
Algebra II	41	51	47	NR	NR	40
Grade 9 ELA	65	56	61	36	91	65
Grade 10 ELA	86	75	84	50	71	61

What Does this Data Tell Us?

English Language Arts

- ELA - On any given year we expect that 70-80% of our students will demonstrate that they are on target to be college and career ready by graduation. (Score 4 or 5)
- ELA - Overall passing rates are approximately 20% higher than state averages.

Mathematics

- Math - On any given year we expect that 60-70% of our students will demonstrate that they are on target to be college and career ready by graduation. (Score 4 or 5)
- Math - After grade 3, overall passing rates are approximately 20% higher than state averages.

Overall District Data

- Math - Grade 8 and Algebra data continue to be difficult to evaluate due to the challenges in making cross district comparisons
- In most grades, District Means have slowly but steadily increased over the past four years.
- 4 Year Comparative Cohort Mean Scores show consistent growth in the majority of years
- Largest dips in assessment results occur at grade/standards transitions (3,6,9)

Work to Be Done

- Utilize District and School Data Team to examine consistently struggling grade levels
- K-8 iReady implementation
 - Correlate Data in iReady with state assessments
 - Check “Lead in” grades, K-2, to correlate with NJSLA results
 - Use iReady Instructional to assist identified students
 - Use iReady data to help target instruction and create instructional groups
- Investigate fidelity of Mathematics and ELA implementations in struggling grade levels
- Develop more Tier II options in 6-12 to support struggling learners

NJSLA Testing and Requirements

Test Administration for 2019-20

	Units	Testing Window
Grade 3	2 ELA Units - 150 minutes 3 Math Units - 180 Minutes	April 20, 2020 to May 29, 2020
Grades 4 & 5	2 ELA Units - 180 minutes 3 Math Units - 180 Minutes	April 20, 2020 to May 29, 2020
Grades 6-8	2 ELA Units - 180 minutes 3 Math Units - 180 Minutes	April 20, 2020 to May 29, 2020
High School	2 ELA Units - 180 minutes 2 Math Units - 180 Minutes	April 20, 2020 to May 29, 2020

Graduation Requirements - Class of 2020-2022

Pathways Available	English Language Arts/Literacy (ELA)	Mathematics
<p>First Pathway: <i>Demonstrate proficiency in the high school end-of-course NJSLA/PARCC assessments in ELA-10 and/or Algebra I</i></p>	<p>NJSLA/PARCC ELA Grade 10 \geq 750 (Level 4)</p>	<p>NJSLA/PARCC Algebra I \geq 750 (Level 4)</p>
<p>Second Pathway: <i>Demonstrate proficiency in English language arts and/or mathematics by meeting the designated cut score on one of the alternative assessments</i></p>	<p>NJSLA/PARCC ELA Grade 9 \geq 750 (Level 4), <i>or</i> NJSLA/PARCC ELA Grade 11 \geq 725 (Level 3) <i>or</i> SAT Critical Reading (taken before 3/1/16) \geq 400, <i>or</i> SAT Evidence-Based Reading and Writing Section (taken 3/1/16 or later) \geq 450, <i>or</i> SAT Reading Test (taken 3/1/16 or later) \geq 22, <i>or</i> ACT Reading or ACT PLAN Reading¹ \geq 16, <i>or</i> ACCUPLACER WritePlacer \geq 6, <i>or</i> ACCUPLACER WritePlacer ESL \geq 4, <i>or</i> PSAT10 Reading or PSAT/NMSQT Reading (taken before 10/1/15) \geq 40, <i>or</i> PSAT10 Reading or PSAT/NMSQT Reading (taken 10/1/15 or later) \geq 22, <i>or</i> ACT Aspire Reading¹ \geq 422, <i>or</i> ASVAB-AFQT Composite \geq 31</p>	<p>NJSLA/PARCC Geometry \geq 725 (Level 3), <i>or</i> NJSLA/PARCC Algebra II \geq 725 (Level 3) <i>or</i> SAT Math (taken before 3/1/16) \geq 400, <i>or</i> SAT Math Section (taken 3/1/16 or later) \geq 440, <i>or</i> SAT Math Test (taken 3/1/16 or later) \geq 22, <i>or</i> ACT or ACT PLAN Math¹ \geq 16, <i>or</i> ACCUPLACER Elementary Algebra \geq 76, <i>or</i> Next-Generation ACCUPLACER Quantitative Reasoning, Algebra, and Statistics (QAS) (beginning January 2019)² \geq 255, <i>or</i> PSAT10 Math or PSAT/NMSQT Math (taken before 10/1/15) \geq 40, <i>or</i> PSAT10 Math or PSAT/NMSQT Math (taken 10/1/15 or later) \geq 22, <i>or</i> ACT Aspire Math¹ \geq 422, <i>or</i> ASVAB-AFQT Composite \geq 31</p>
<p>Third Pathway: <i>Demonstrate proficiency in English language arts and/or mathematics through Portfolio Appeals</i></p>	<p>Meet the criteria of the NJDOE Portfolio Appeal for ELA</p>	<p>Meet the criteria of the NJDOE Portfolio Appeal for Math</p>