



NJSLA Results: Spring 2023 Administrations

Demarest

October 17, 2023





New Jersey Statewide Assessments



- The NJSLA was administered in the spring of 2023 in grades 3-8 for both English Language Arts and Mathematics.
- The NJSLA was administered in Science in grades 5 and 8 in the spring of 2023.
- The Dynamic Learning Maps were administered to students in grades 3-8 who are unable to access the NJSLA at this time.



Dynamic Learning Maps

- This assessment is administered to students who are unable to access the NJSLA at this time.
- Administered in the spring of 2023.
- Due to the fact that the number of students tested in the district for this assessment is less than the New Jersey reporting minimum of 10, that data is not reported publicly to protect student confidentiality.



NJSLA



Subgroup Data

- A subgroup is a group of 10 students or more.
- Percents rounded to the nearest whole percent.
- Due to rounding, sums may not total 100.
- Subgroups that have fewer than 10 students are not reported to maintain confidentiality.

Participation Rates

Grade 3 ELA: 80/80 (100%)

Grade 3 Math: 83/83 (100%)

Grade 4 ELA: 90/90 (100%)

Grade 4 Math: 92/92 (100%)

Grade 5 ELA: 73/73 (100%)

Grade 5 Math: 75/75 (100%)

Grade 5 Science: 75/75 (100%)

Grade 6 ELA: 80/80 (100%)

Grade 6 Math: 86/86 (100%)

Grade 7 ELA: 78/78 (100%)

Grade 7 Math: 77/77 (100%)

Grade 8 ELA: 89/89 (100%)

Grade 8 Math: 45/45 (100%)

Grade 8 Science: 91/91 (100%)

Algebra: 48/48 (100%)

Geometry: n-size less than 10

NJSLA ELA / Math Scoring Levels

- Level 5: Exceeded Expectations
- Level 4: Met Expectations
- Level 3: Approached Expectations
- Level 2: Partially Met Expectations
- Level 1: Did Not Yet Meet Expectations



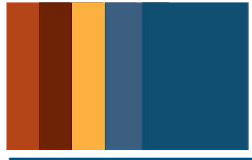
Comparison of Demarest's Student Tested Spring 2022 and 2023 NJSLA Administrations English Language Arts



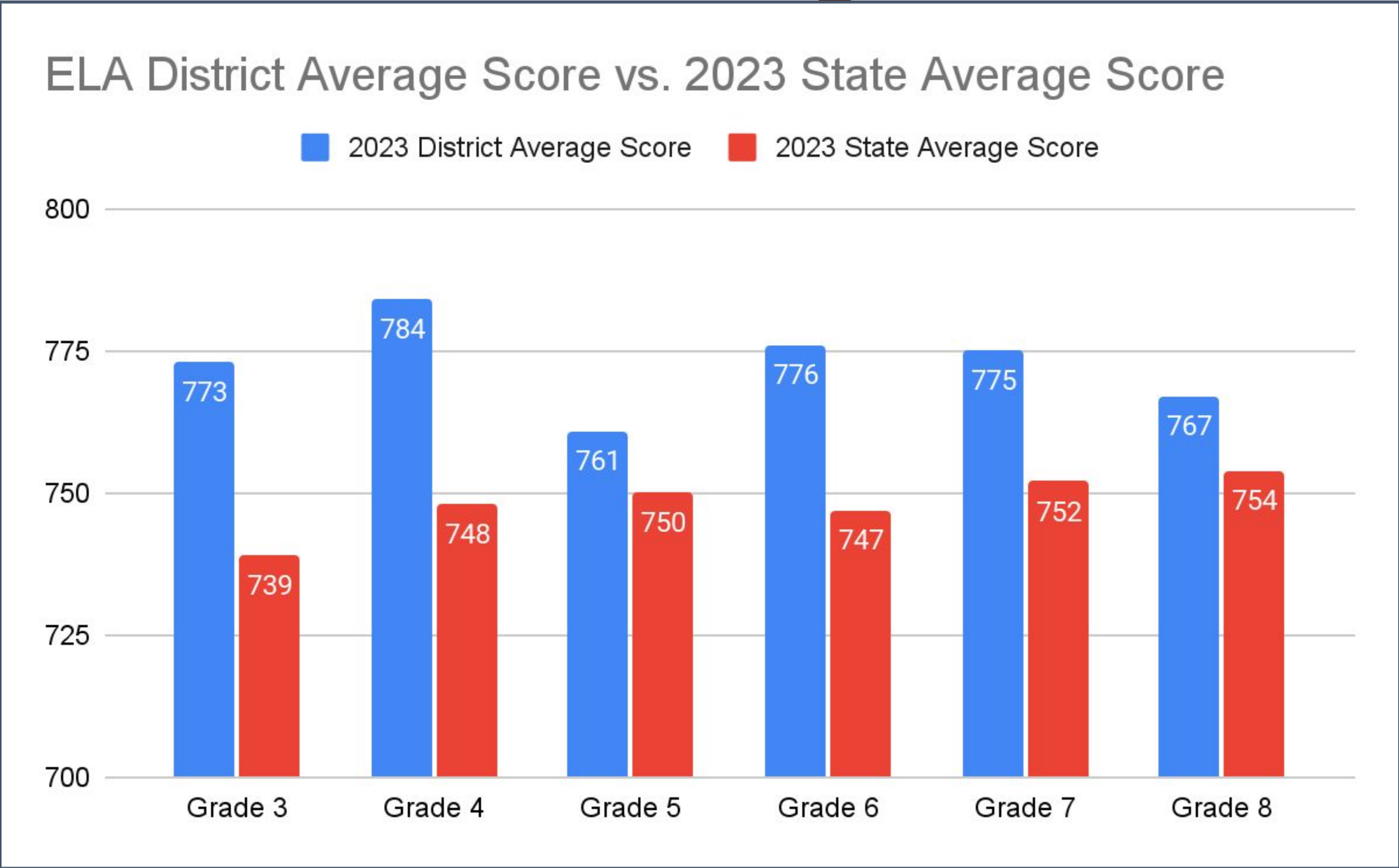
Number of Students Tested

Grade	2022	2023	Difference
3	86	80	-6
4	61	90	+29
5	82	73	-9
6	78	80	+2
7	88	78	-10
8	72	89	+17





ELA District Average Vs. State



Comparison of Demarest's Spring 2022 and 2023 NJSLA Administrations English Language Arts – Percentages (Levels 1 and 2)



- Level 1: Not Yet Meeting Expectations
- Level 2: Partially Meeting Expectations

Grade	Level 1 2022 Demarest	Level 1 2022 State	Level 1 2023 Demarest	Level 1 2023 State	Level 2 2022 Demarest	Level 2 2022 State	Level 2 2023 Demarest	Level 2 2023 State
3	0	20.1	6.3	20.7	1.2	15.5	5	14.9
4	0	14.4	0	12.8	0	14.3	1.1	14.6
5	1.2	12.5	1.4	12.3	3.7	14.7	5.5	14.1
6	2.6	10.6	1.3	12.0	2.6	15.6	1.5	14.4
7	0	12.3	3.8	11.7	6.8	13.5	5.3	12.7
8	4.2	14.3	6.7	12.9	2.8	13.2	9	11.6

Notes: Percentages may not total 100 due to rounding. *Grade 9 rows includes grade 9 students only.



Comparison of Demarest's Spring 2022 and 2023 NJSLA Administrations English Language Arts – Percentages (Levels 3 and 4)



- Level 3: Approaching Expectations
- Level 4: Meeting Expectations

Grade	Level 3 2022 Demarest	Level 3 2022 State	Level 3 2023 Demarest	Level 3 2023 State	Level 4 2022 Demarest	Level 4 2022 State	Level 4 2023 Demarest	Level 4 2023 State
3	14	22.0	12.5	22.5	51.2	36.2	57.5	36.7
4	14.8	21.9	10	21.3	49.2	35.3	46.7	36.5
5	23.2	23.2	21.9	20.3	68.3	40.4	65.8	43.3
6	14.1	26.3	16.3	24.6	47.4	37.4	45	37.6
7	17	21.5	16.7	19.9	36.4	31.4	32.1	32.5
8	11.1	21.2	12.4	20.1	31.9	35.8	44.9	35.8

Notes: Percentages may not total 100 due to rounding. *Grade 9 rows includes grade 9 students only.



Comparison of Demarest's Spring 2022 and 2023 NJSLA Administrations English Language Arts – Percentages (Level 5)



Level 5: Exceeding Expectations

Grade	Level 5 2022 Demarest	Level 5 2022 State	Level 5 2023 Demarest	Level 5 2023 State
3	33.7	6.2	18.8	5.3
4	36.1	14.1	42.2	14.8
5	3.7	9.2	5.5	9.9
6	33.3	10.2	36.3	11.4
7	39.8	21.3	42.3	23.2
8	50	15.6	27	19.5

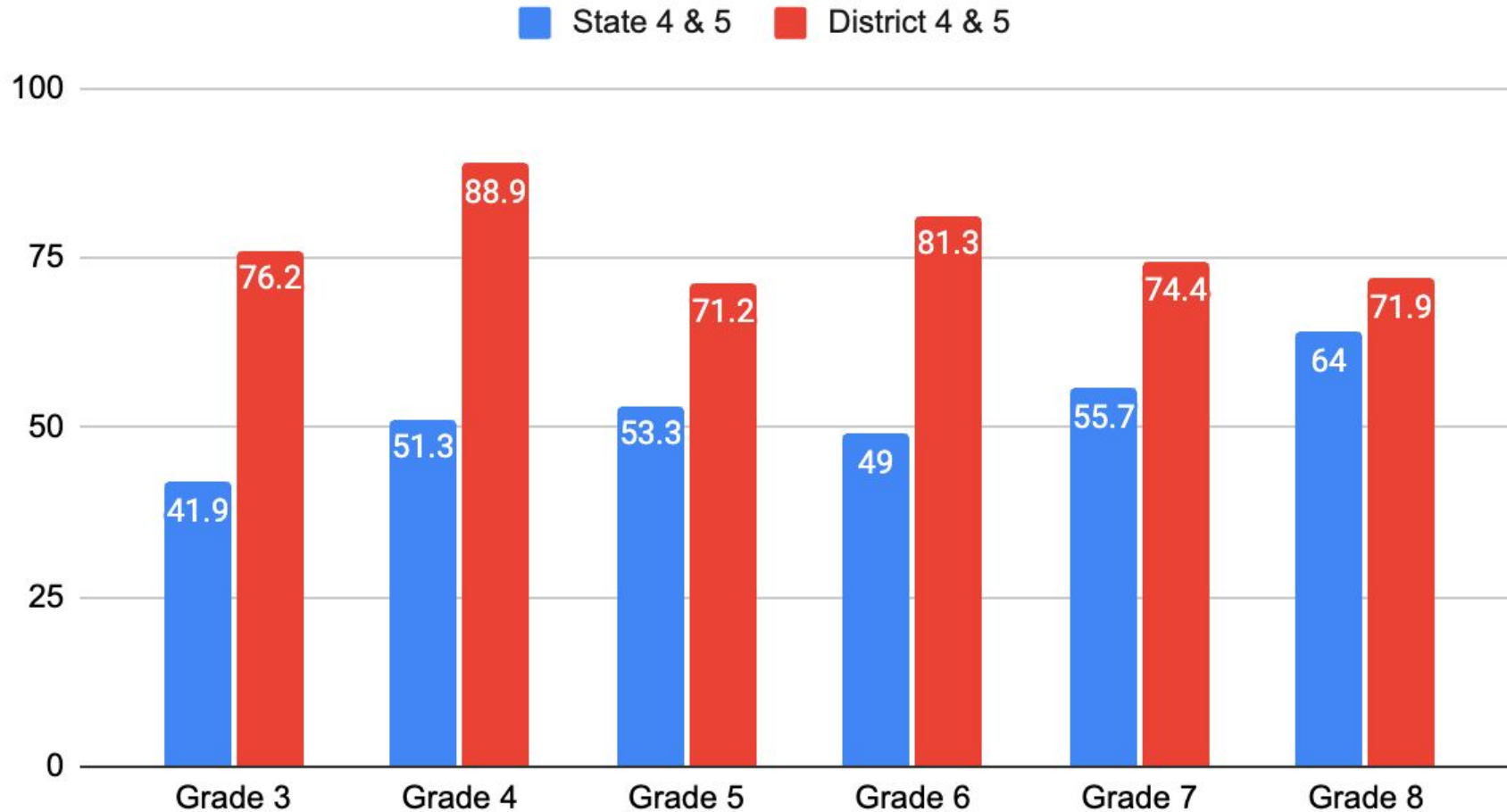
Notes: Percentages may not total 100 due to rounding. *Grade 9 rows includes grade 9 students only.



ELA Comparison



ELA State 4 & 5 vs. District 4 & 5

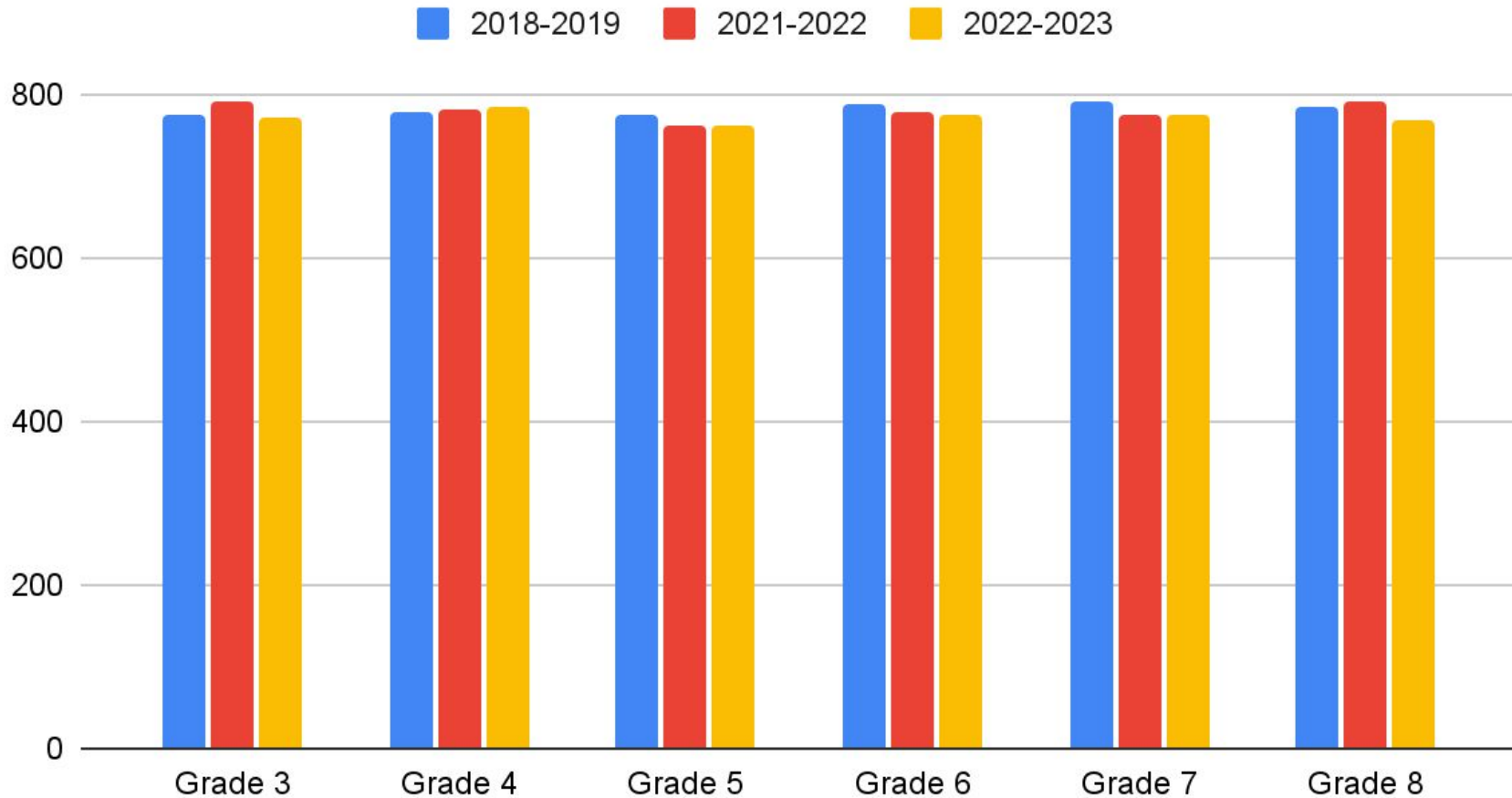




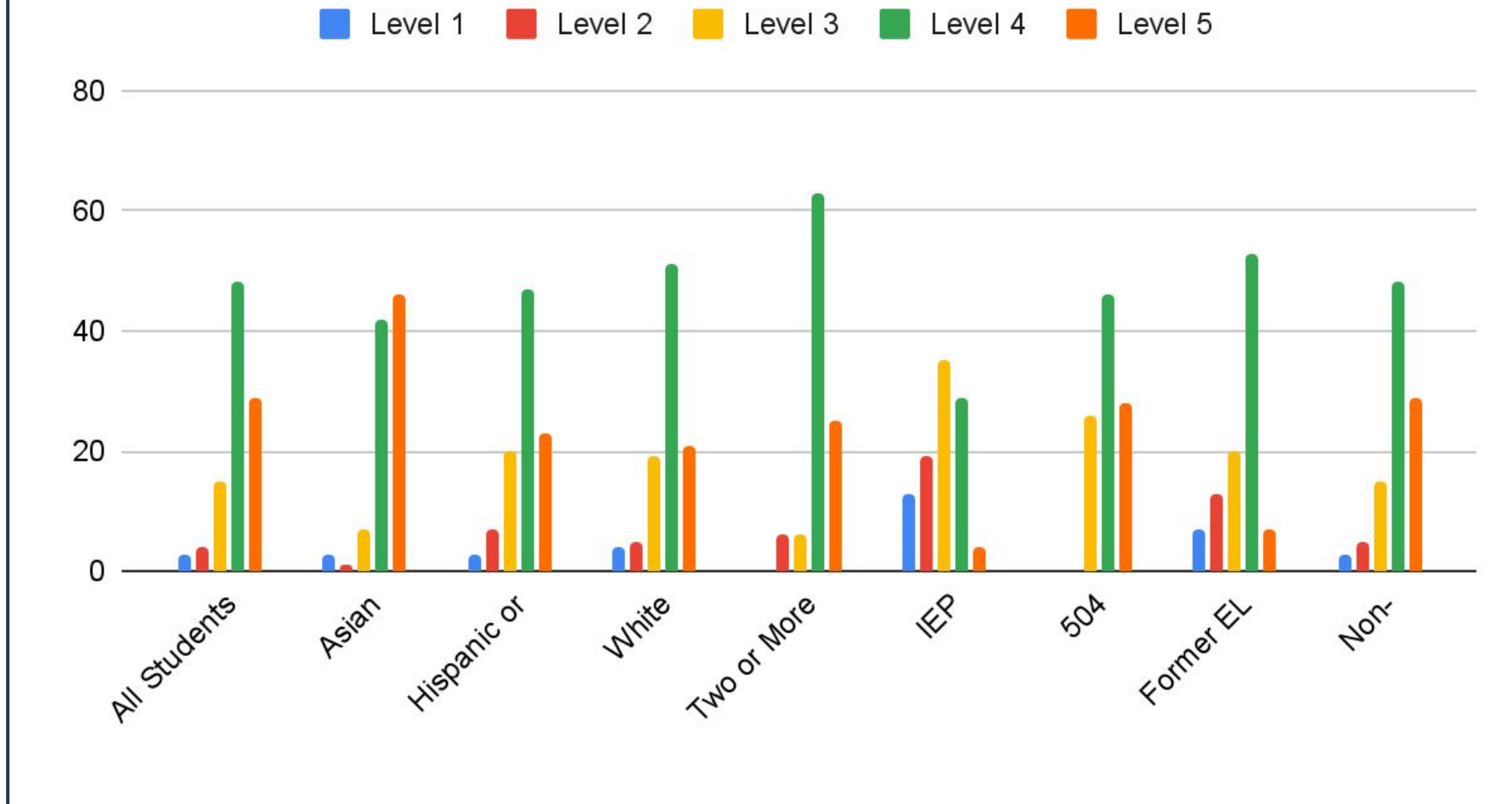
ELA Comparison by Years

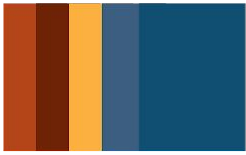


ELA 2018-2019, 2021-2022 and 2022-2023



ELA Subgroup Data





Comparison of Demarest's Student Tested Spring 2022 and 2023 NJSLA Administrations Mathematics



Number of Students Tested

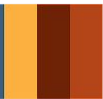
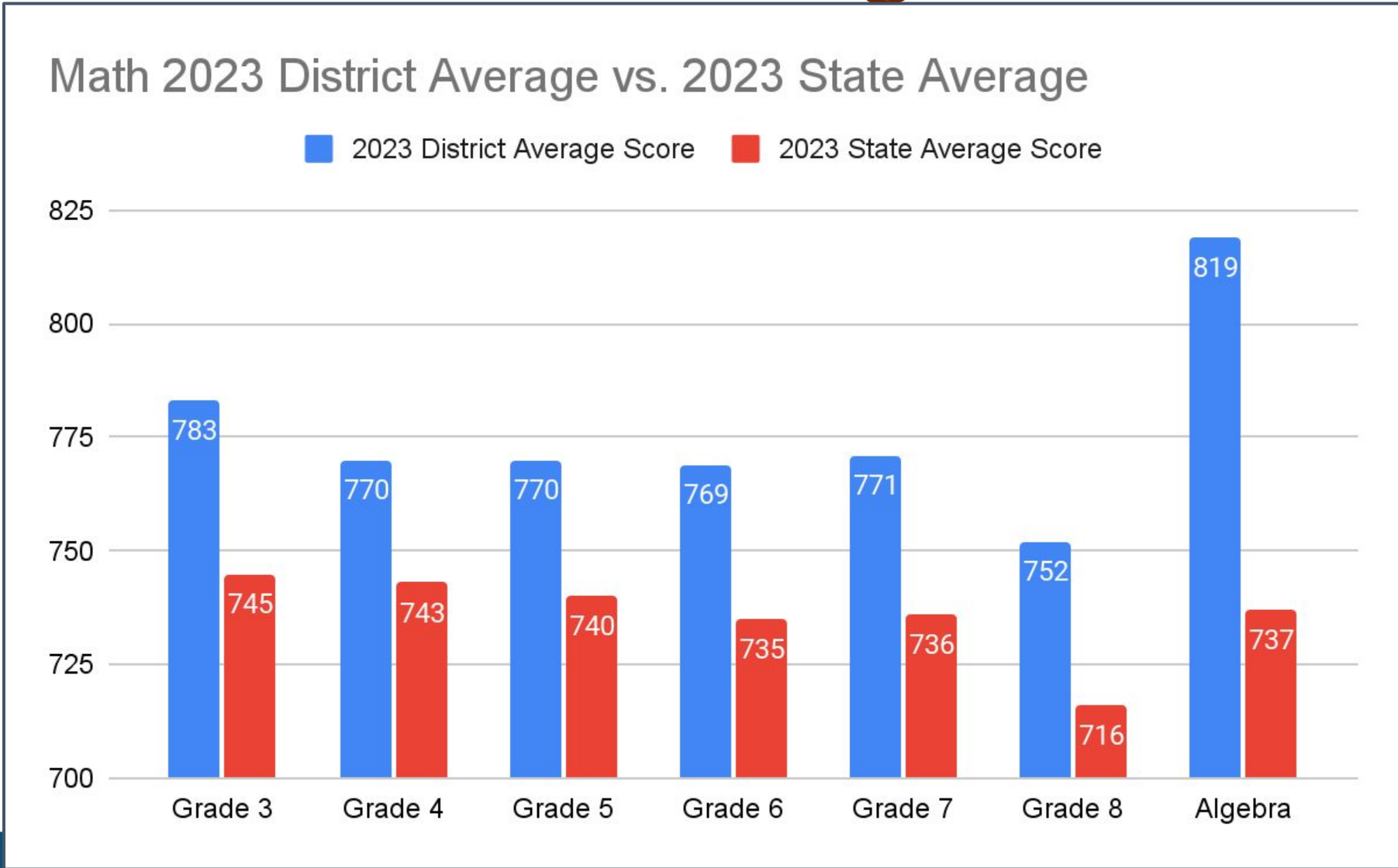
Grade	2022	2023	Difference
3	86	83	-3
4	61	92	+31
5	82	75	-7
6	78	86	+8
7	88	77	-11
8*	35	45	+10
Algebra 1	38	48	+10
Geometry	*	*	*

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





Math District Average vs. State



Comparison of Demarest's Spring 2022 and 2023 NJSLA Administrations Mathematics– Percentages (Levels 1 and 2)



- Level 1: Not Yet Meeting Expectations
- Level 2: Partially Meeting Expectations

Grade	Level 1 2022 Demarest	Level 1 2022 State	Level 1 2023 Demarest	Level 1 2023 State	Level 2 2022 Demarest	Level 2 2022 State	Level 2 2023 Demarest	Level 2 2023 State
3	0	13.3	1.2	12.5	1.2	18.3	4.8	16.7
4	0	13.1	0	13.1	1.6	22.6	5.4	17.8
5	0	15.1	1.3	13.1	6.1	23.0	2.7	21.4
6	5.1	15.3	0	14.2	1.3	24.9	7	23.2
7	1.1	10.9	2.6	12.7	4.5	23.6	9.1	22.8
8	0	30.4	11.1	33.9	14.3	31.9	15.6	26.9
Algebra 1	0	17.7	0	15.8	0	22.6	0	25.8
Geometry	*	6.4	*	5.3	*	18.3	*	13.8



Comparison of Demarest's Spring 2022 and 2023 NJSLA Administrations Mathematics– Percentages (Levels 3 and 4)



- Level 3: Approaching Expectations
- Level 4: Meeting Expectations

Grade	Level 3 2022 Demarest	Level 3 2022 State	Level 3 2023 Demarest	Level 3 2023 State	Level 4 2022 Demarest	Level 4 2022 State	Level 4 2023 Demarest	Level 4 2023 State
3	14	23.0	8.4	24.8	51.2	32.8	45.8	34.0
4	27.9	24.8	21.7	24.7	62.3	33.2	58.7	37.2
5	24.4	25.9	18.7	25.5	54.9	28.9	49.3	31.4
6	26.9	28.5	16.3	28.3	50	26.0	48.8	27.7
7	17	31.5	10.4	30.7	52.3	28.9	48.1	29.0
8	20	22.3	13.3	21.4	48.6	14.6	46.7	16.7
Algebra 1	0	24.7	0	23.2	23.7	32.1	35.4	29.8
Geometry	*	30.5	*	29.7	*	38.5	*	41.7



Comparison of Demarest's Spring 2022 and 2023 NJSLA Administrations Mathematics– Percentages (Level 5)



Level 5: Exceeding Expectations

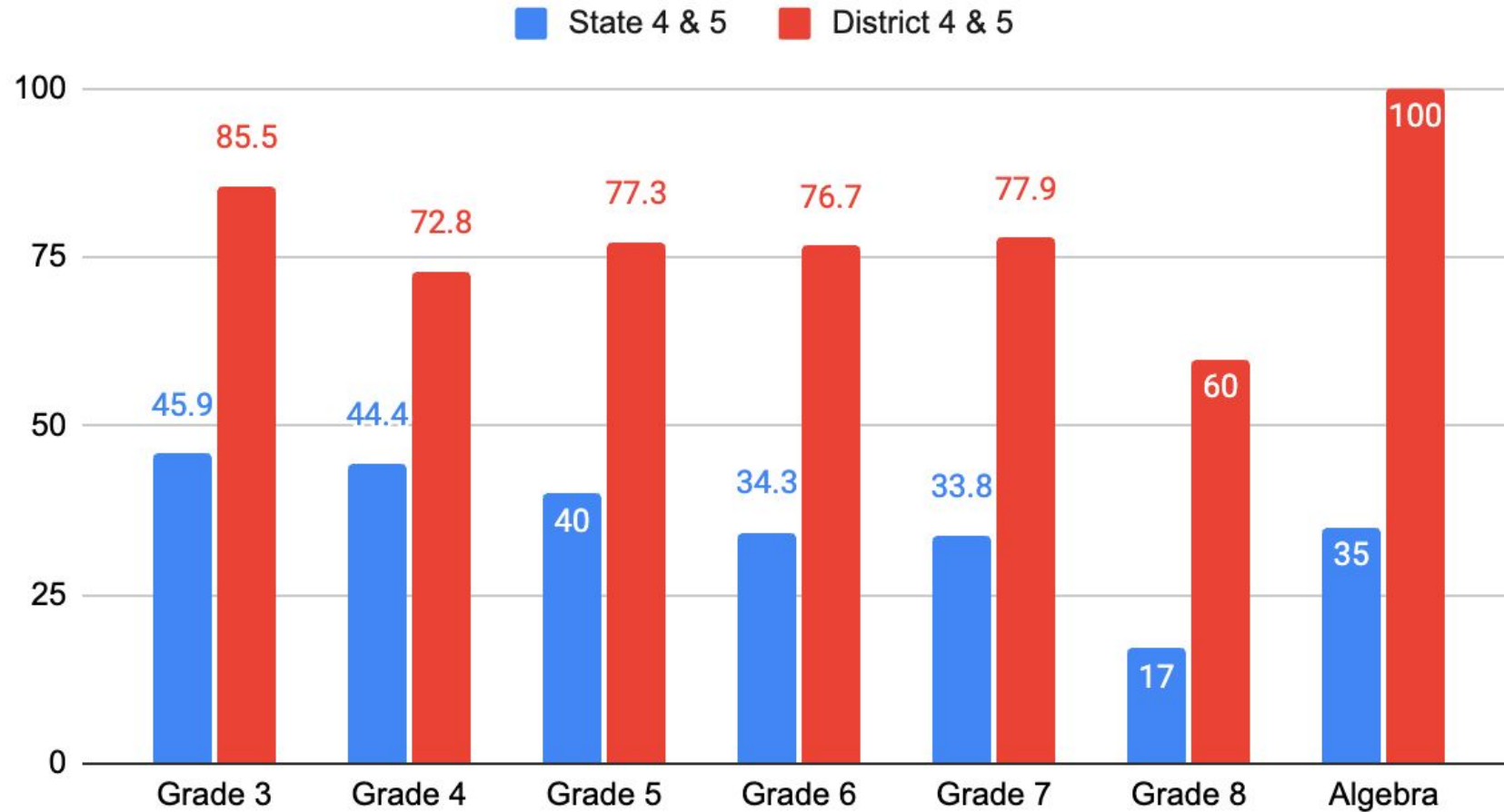
Grade	Level 5 2022 Demarest	Level 5 2022 State	Level 5 2023 Demarest	Level 5 2023 State
3	33.7	12.6	39.8	11.9
4	8.2	6.2	14.1	7.1
5	14.6	7.1	28	8.7
6	16.7	5.3	27.9	6.6
7	25	5.1	29.9	4.8
8	17.1	0.8	13.3	1.1
Algebra 1	76.3	2.9	64.6	5.3
Geometry	*	6.3	*	9.5



Math Comparison

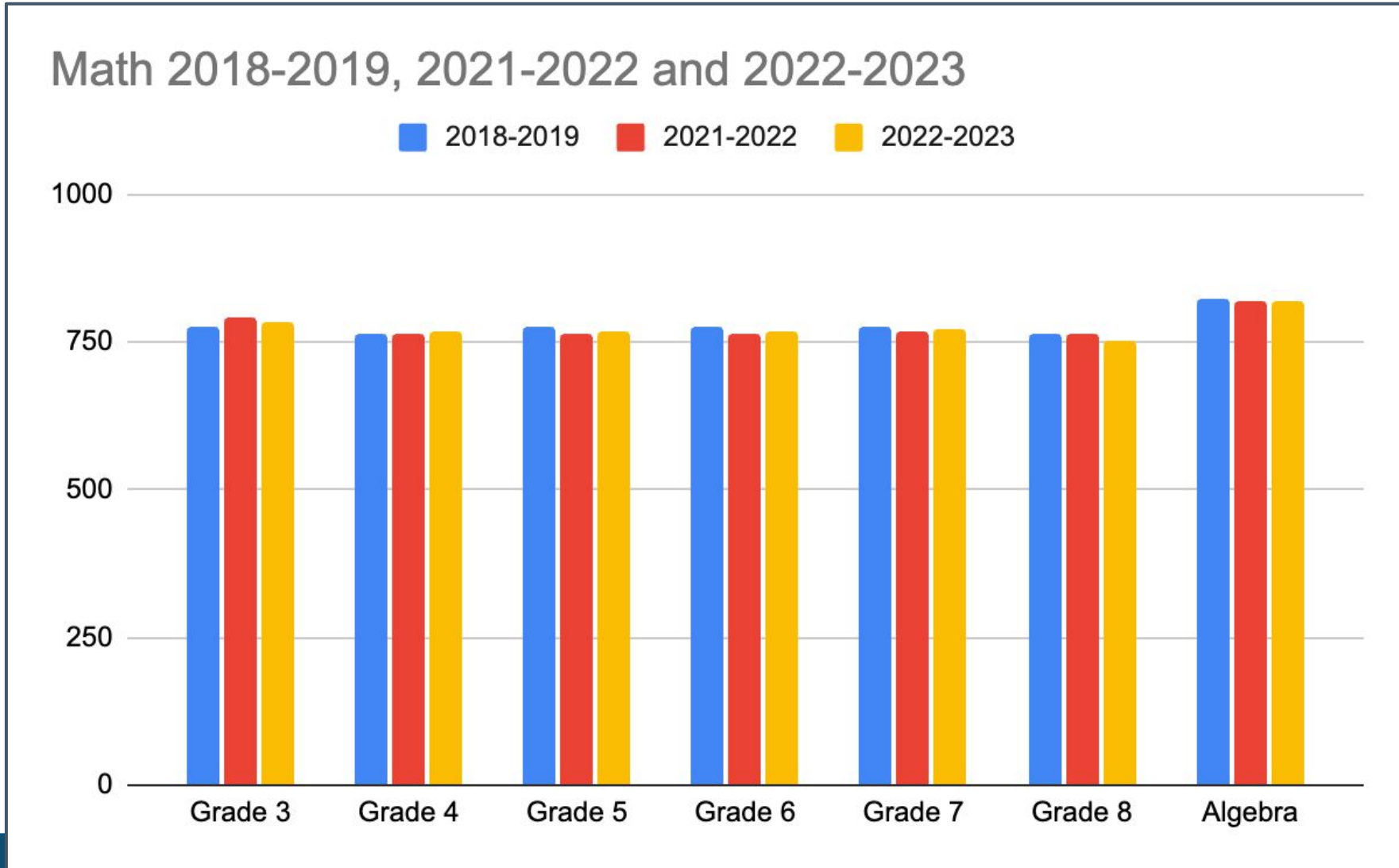


Math State 4 & 5 vs. District 4 & 5

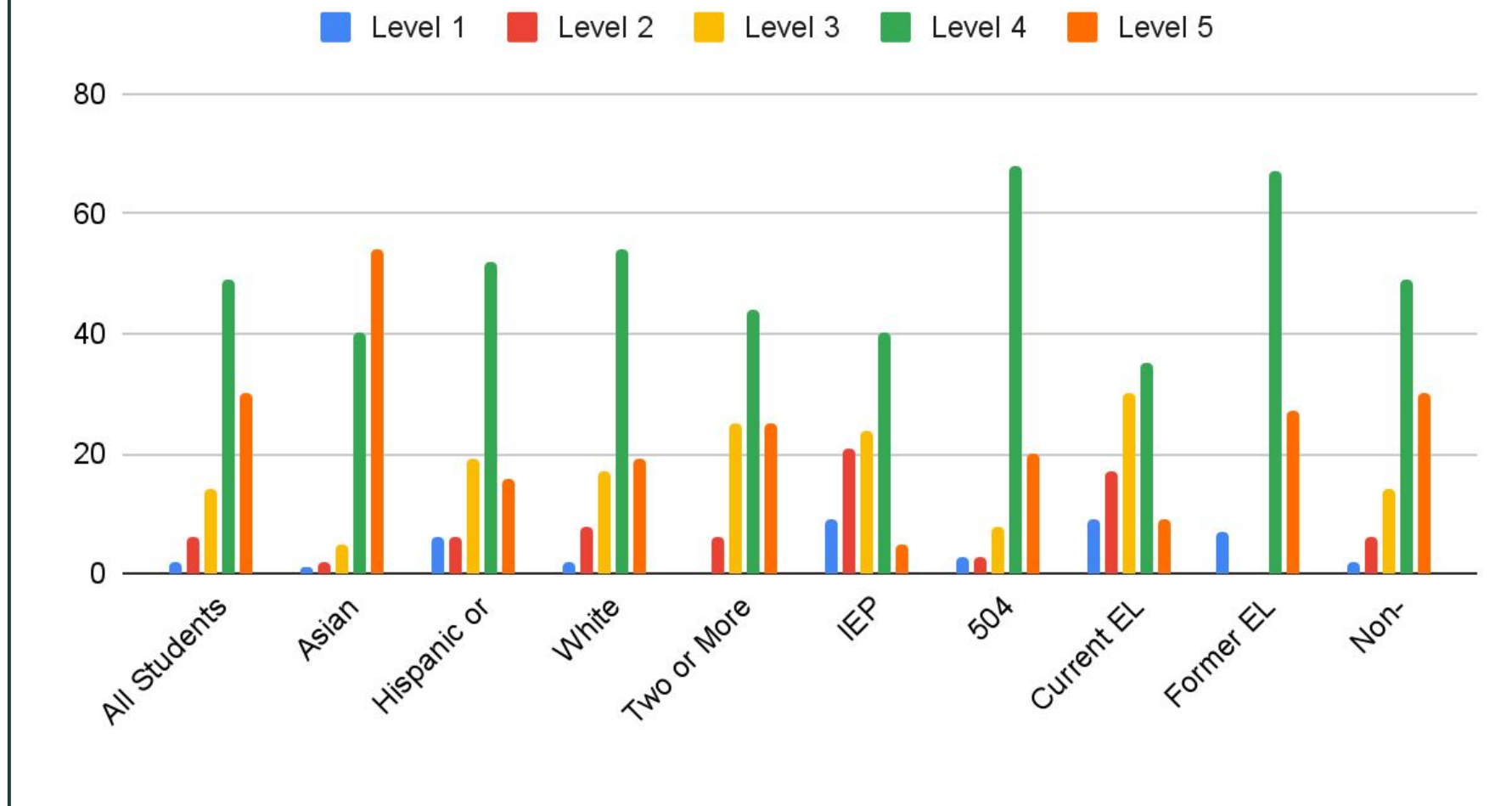




Math Comparison by Years




Math Subgroup Data





NJSLA Science Scoring Levels

	Level 1 (100 – 149)
	Level 2 (150 – 199)
	Level 3 (200 – 249)
	Level 4 (250 – 300)

There are 4 scoring levels instead of 5, and Level 3 and Level 4 are considering meeting / exceeding expectations.

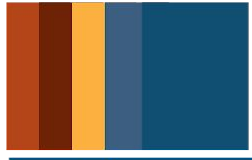


Comparison of Demarest's Student Tested Spring 2022 and 2023 NJSLA Administrations Science– Percentages

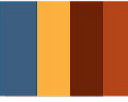
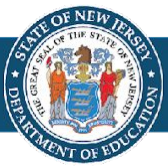
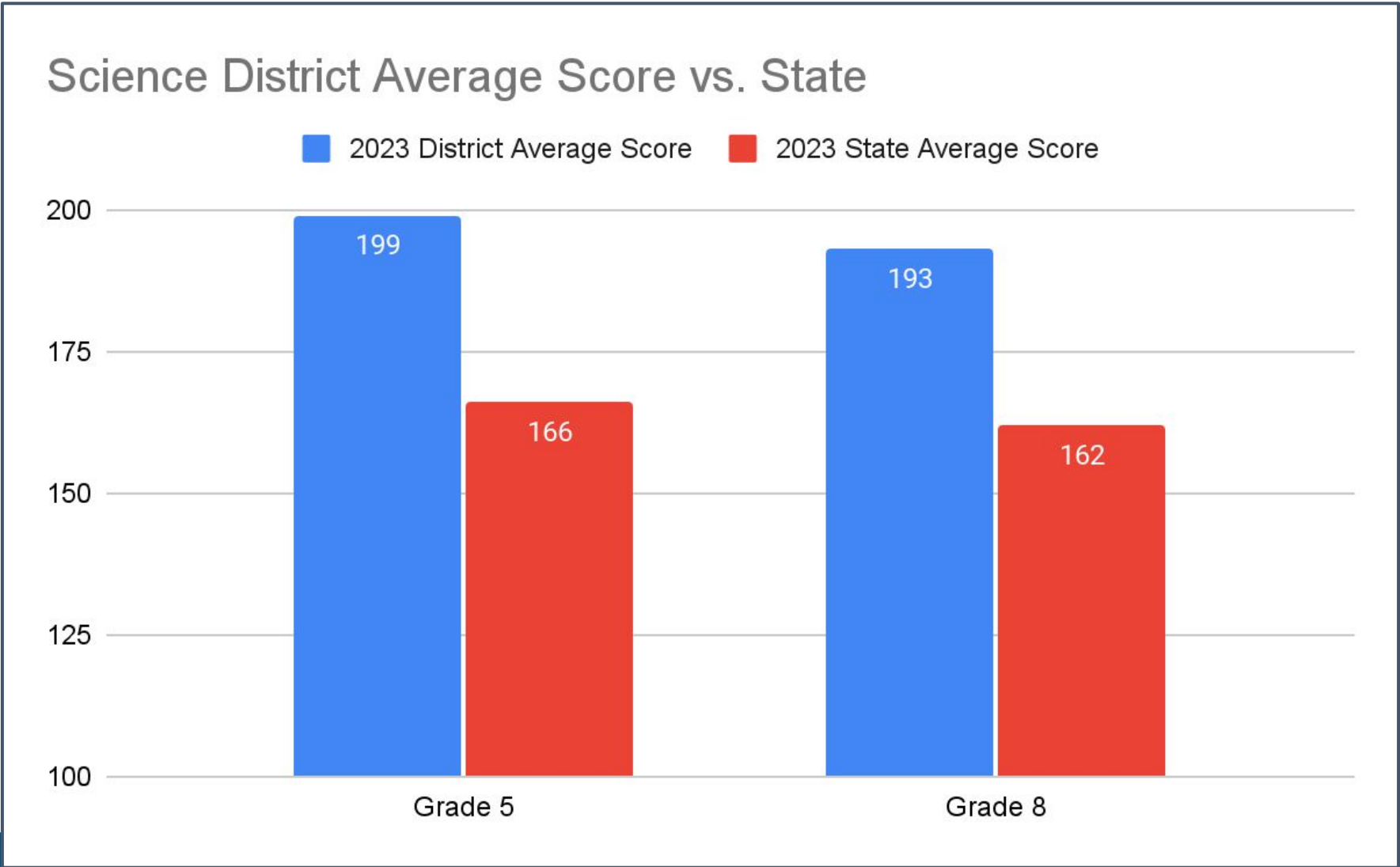


Number of Students Tested

Grade	2022	2023	Difference
5	83	75	-8
8	72	91	+19



Science District Average vs. State



Comparison of Demarest's Spring 2022 and 2023 NJSLA Administrations Science– Percentages (Levels 1 and 2)



- Level 1: Below Proficient
- Level 2: Near Proficiency

Grade	Level 1 2022 Demarest	Level 1 2022 State	Level 1 2023 Demarest	Level 1 2023 State	Level 2 2022 Demarest	Level 2 2022 State	Level 2 2023 Demarest	Level 2 2023 State
5	17.3	41.6	12	38.4	40.7	32.9	34.7	34.8
8	12.5	40.9	13.2	40.0	41.7	43.5	36.3	41.5

Note: Percentages may not total 100 due to rounding.



Comparison of Demarest's Spring 2022 and 2023 NJSLA Administrations Science– Percentages (Levels 3 and 4)



- Level 3: Proficient
- Level 4: Advanced Proficiency

Grade	Level 3 2022 Demarest	Level 3 2022 State	Level 3 2023 Demarest	Level 3 2023 State	Level 4 2022 Demarest	Level 4 2022 State	Level 4 2023 Demarest	Level 4 2023 State
5	22.2	18.2	40	21.1	19.8	7.4	13.3	5.7
8	30.6	12.0	37.4	14.2	15.3	3.6	13.2	4.4

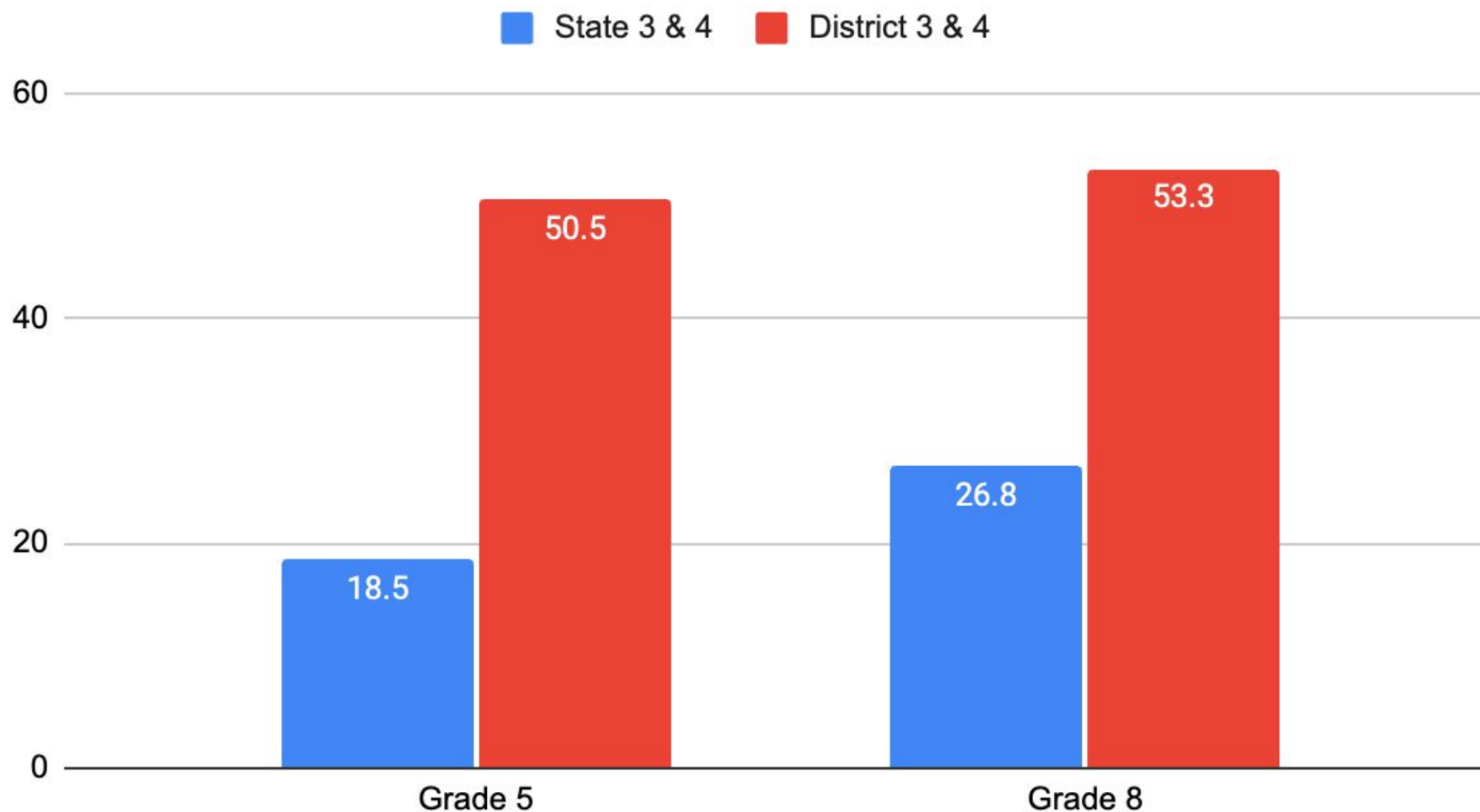
Note: Percentages may not total 100 due to rounding.



Science Comparison

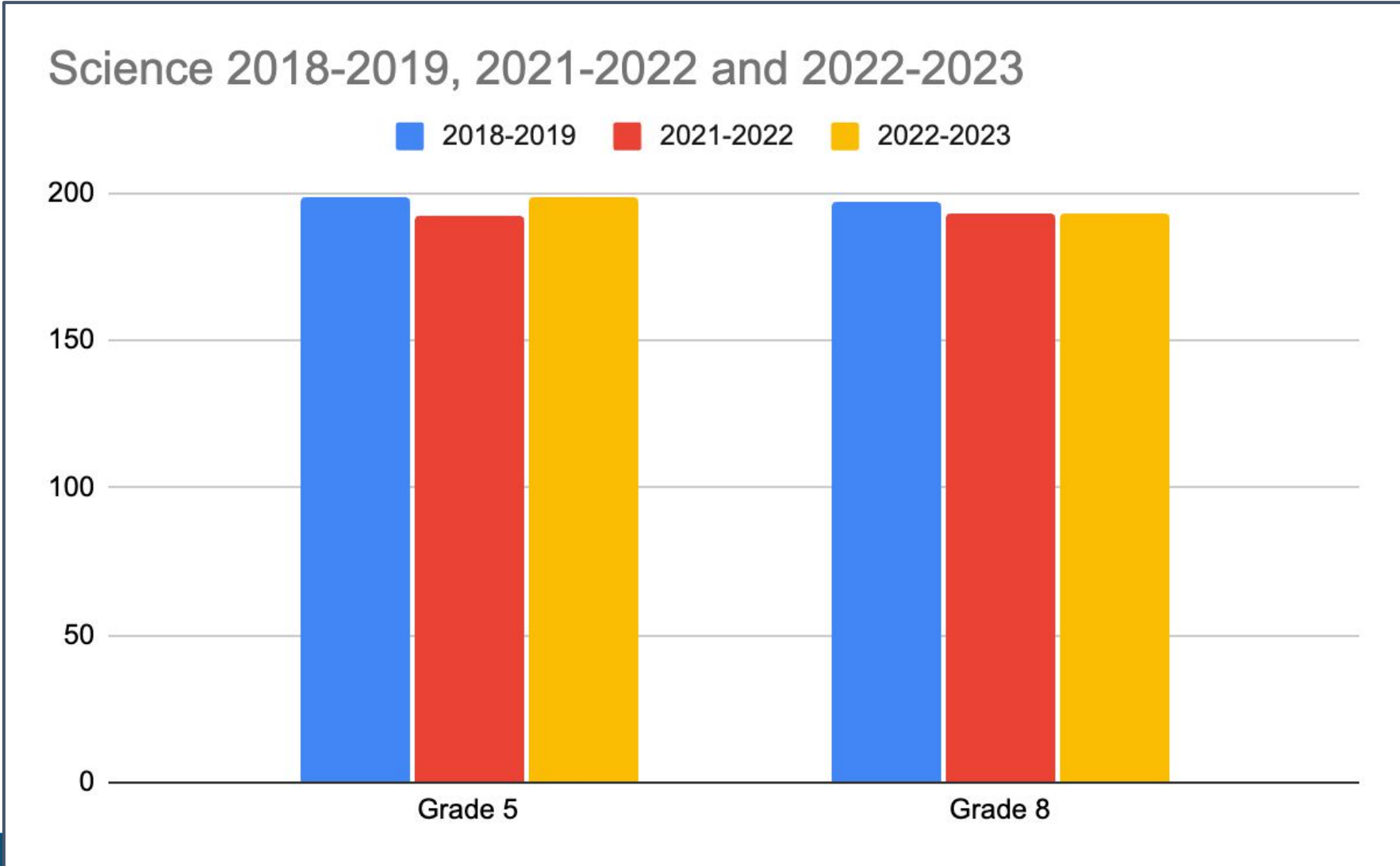


Science State 3 & 4 and District 3 & 4

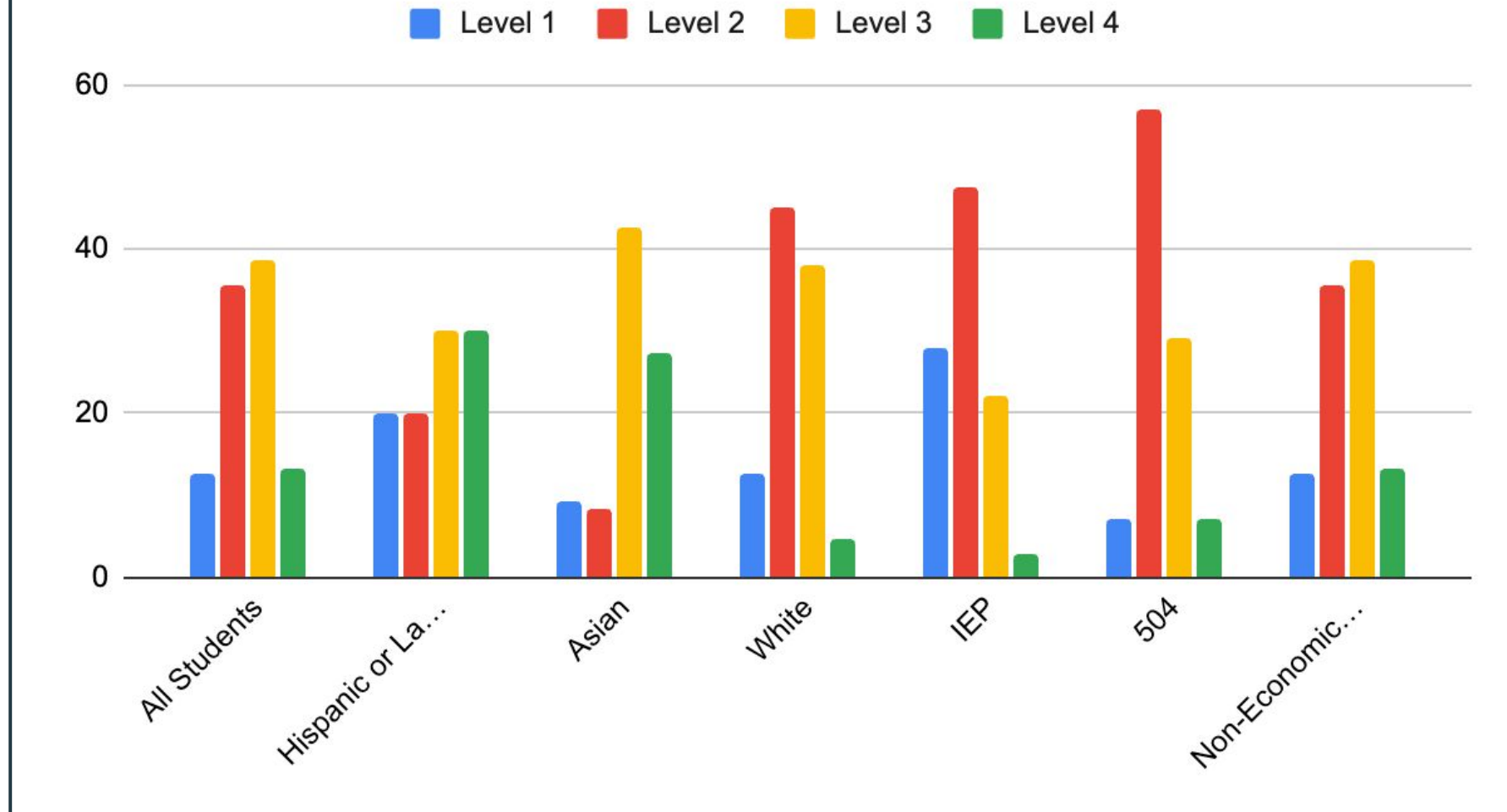


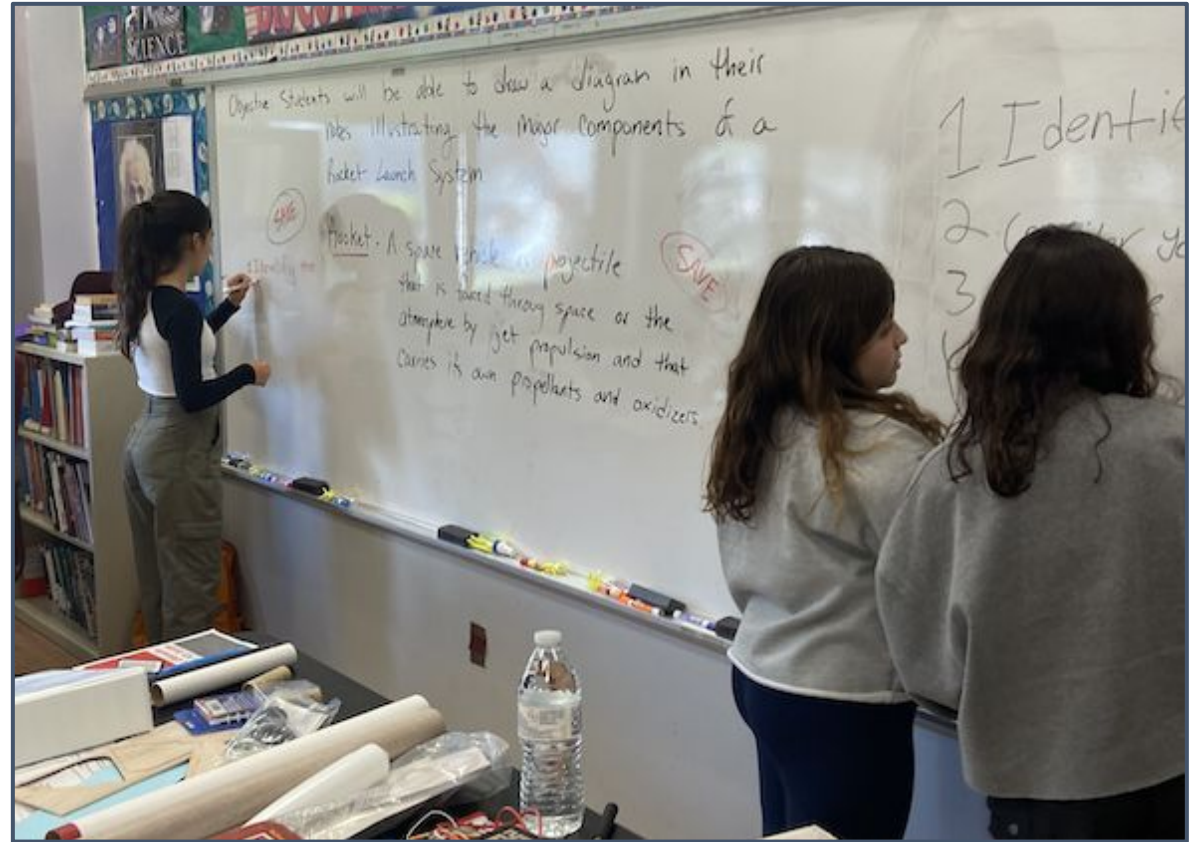
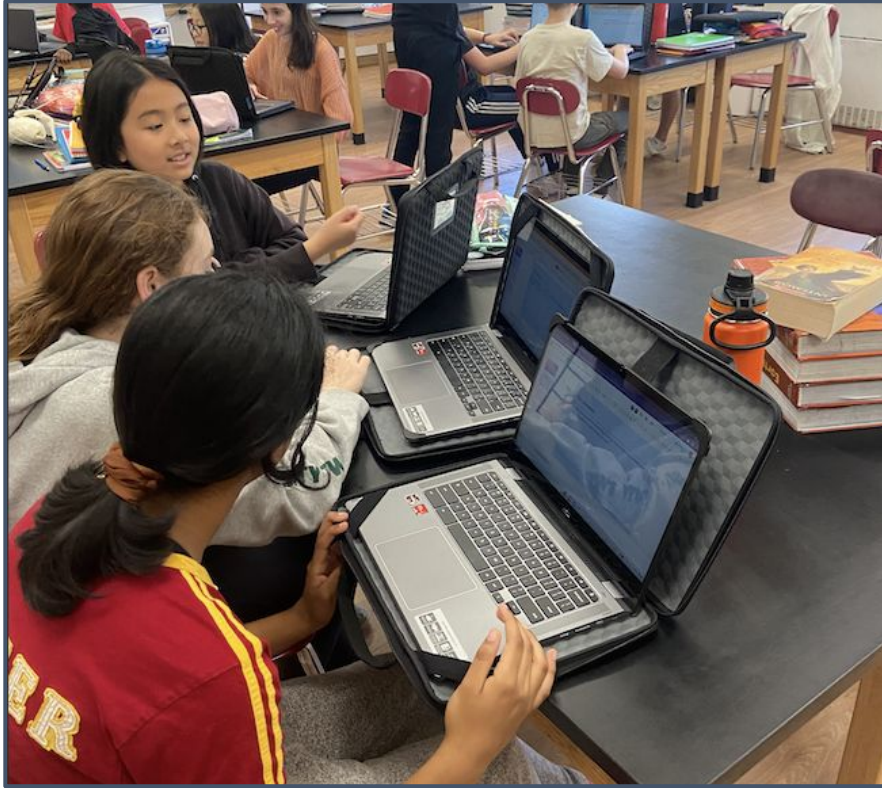
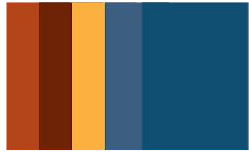


Science Comparison by Years



Science Subgroup Data







Notable Achievements



- 100% participation rate
- Our grade level average scores continue to surpass the state level average scores in ELA, math, and science.
- The percentage of students who met or exceeded expectations surpasses the state percentage in ELA, math, and science.
- 100% of the students taking the algebra test achieved a 4 or 5.
- 4th grade has demonstrated growth in both math and ELA since the 18-19 assessment, which could be attributed in part to departmentalization.
- Former ELL subgroup scored mostly at the met or exceeded expectations in ELA and math.
- Students with 504s subgroup demonstrated strong achievement in math.
- The Asian subgroup and Two or More Races subgroup demonstrated strong achievement in ELA.





Intervention Strategies



- Continued implementation of the Aimsweb universal screener in grades K-8. This will be administered 3x per year in math and reading to help us flag any students with potential learning risks.
- Implementation of progress monitoring through Aimsweb for students who are flagged for support.
- Continued work with administration, CST, and teachers to create a multi-tiered system of supports as part of the district's response to intervention.
- Continued work with NVCC and 7th / 8th grade science teachers to look at science item analysis from the science CRT and use data to help inform classroom instruction.
- Staff data meetings held throughout the year, both on unpacking Aimsweb data, as well as analysis of evidence statements from the 2022-2023 NJSLA.
- Providing all families access to Tutor.com, which can support students in ELA, math, and science. It also additionally provides support to multi-language learners.