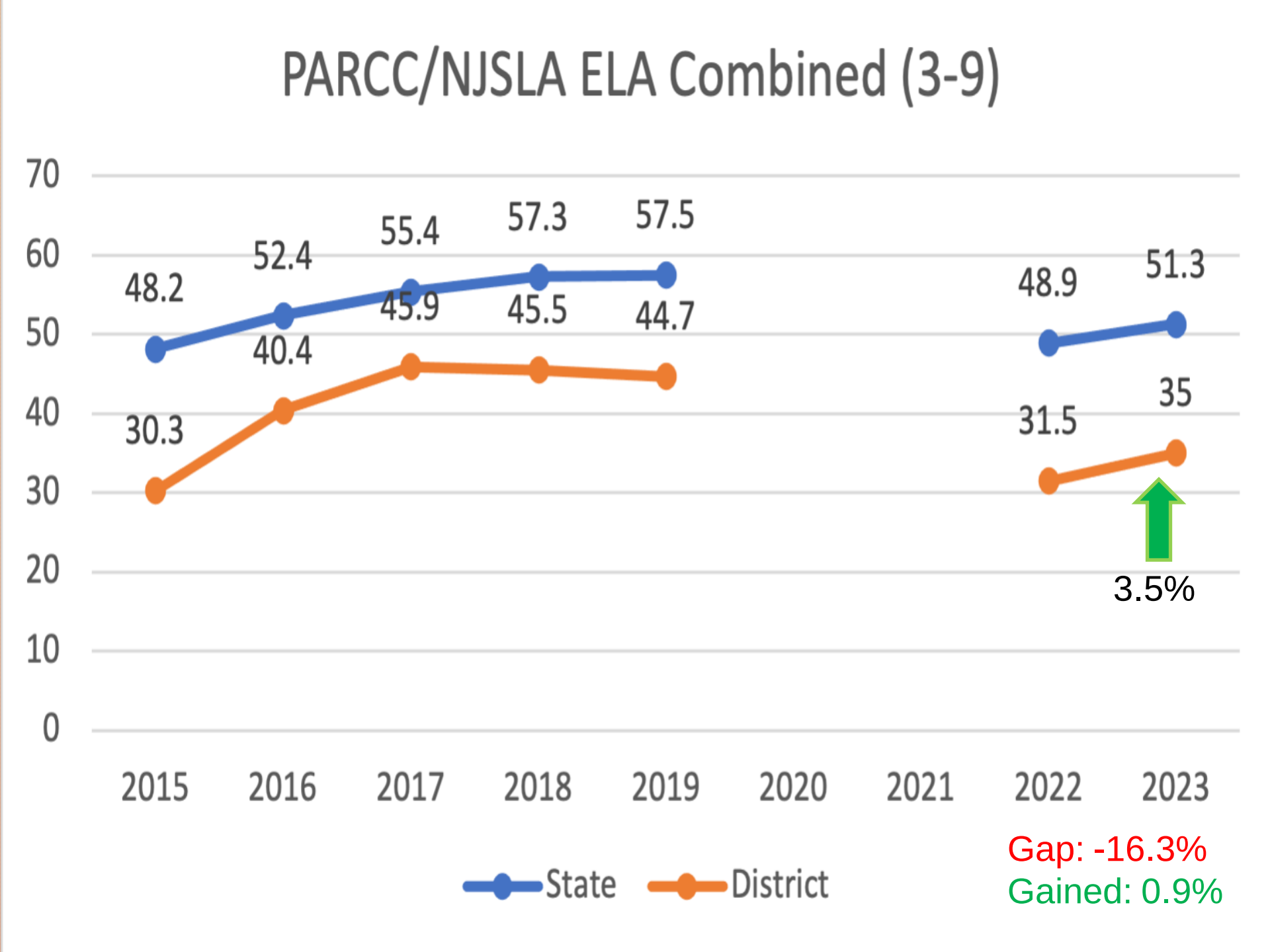
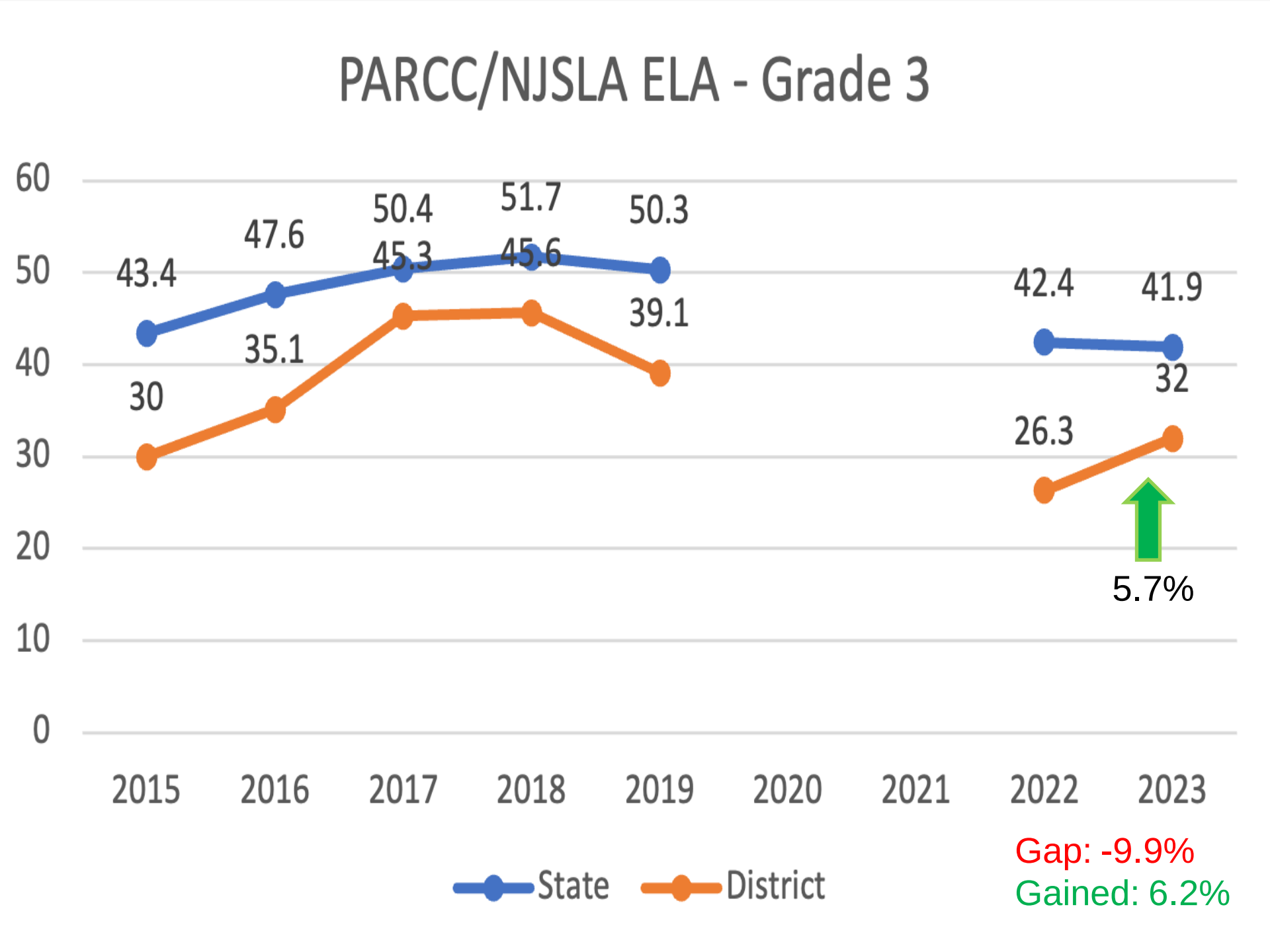
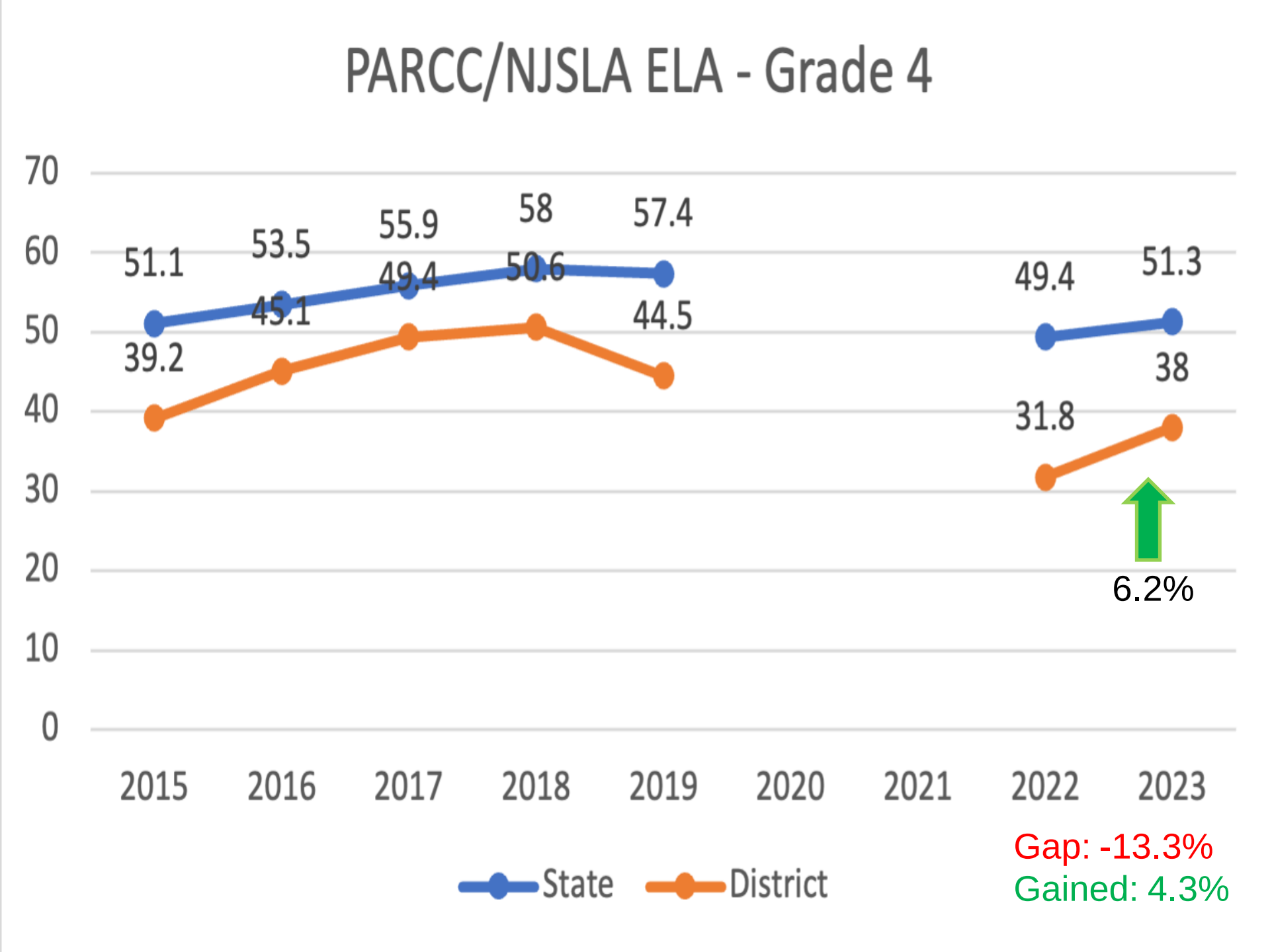
Linden Public Schools
NJSLA Results:
Spring 2023 Administrations
October 19, 2023

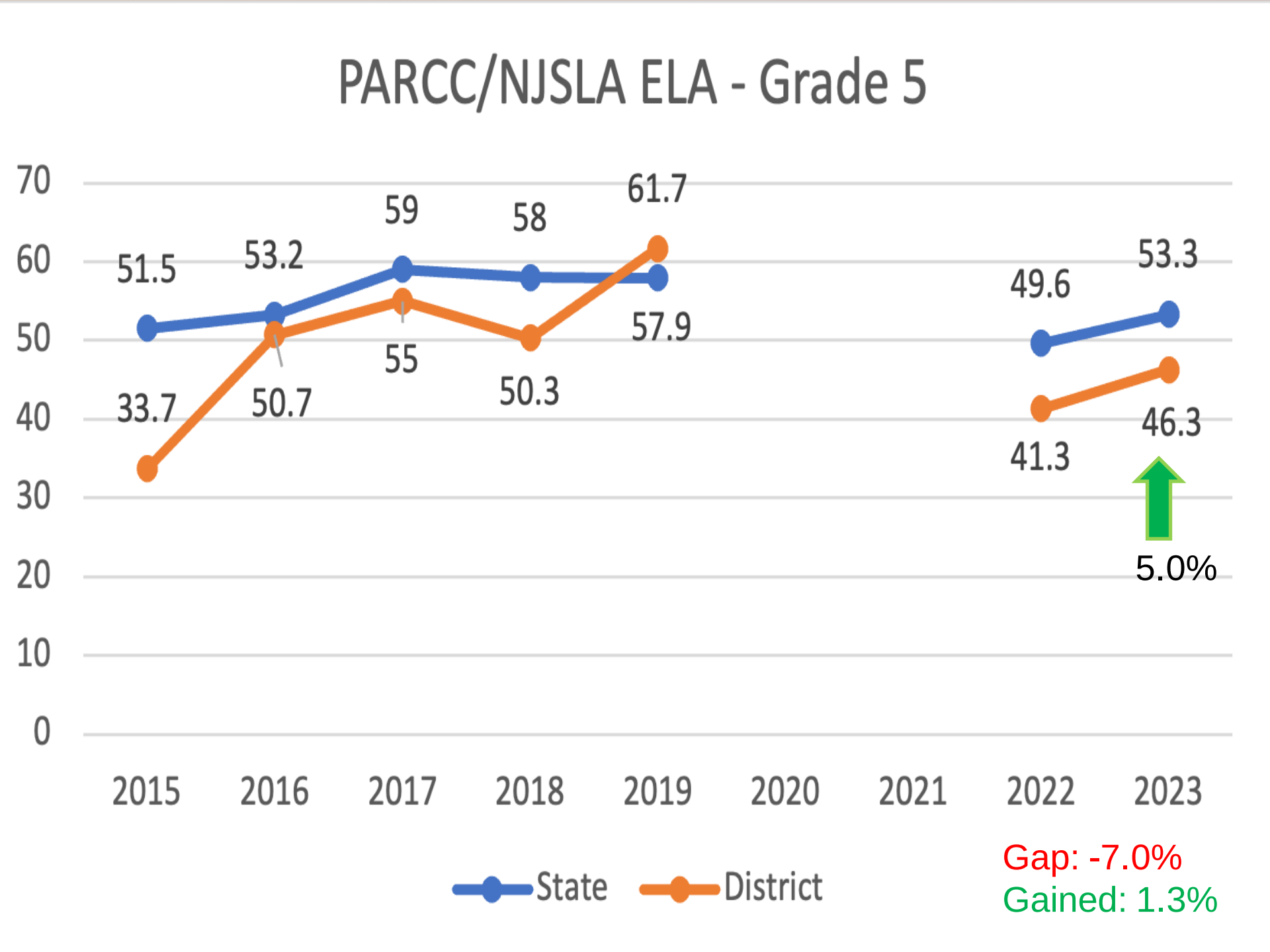
NJSLA - Why We Test?

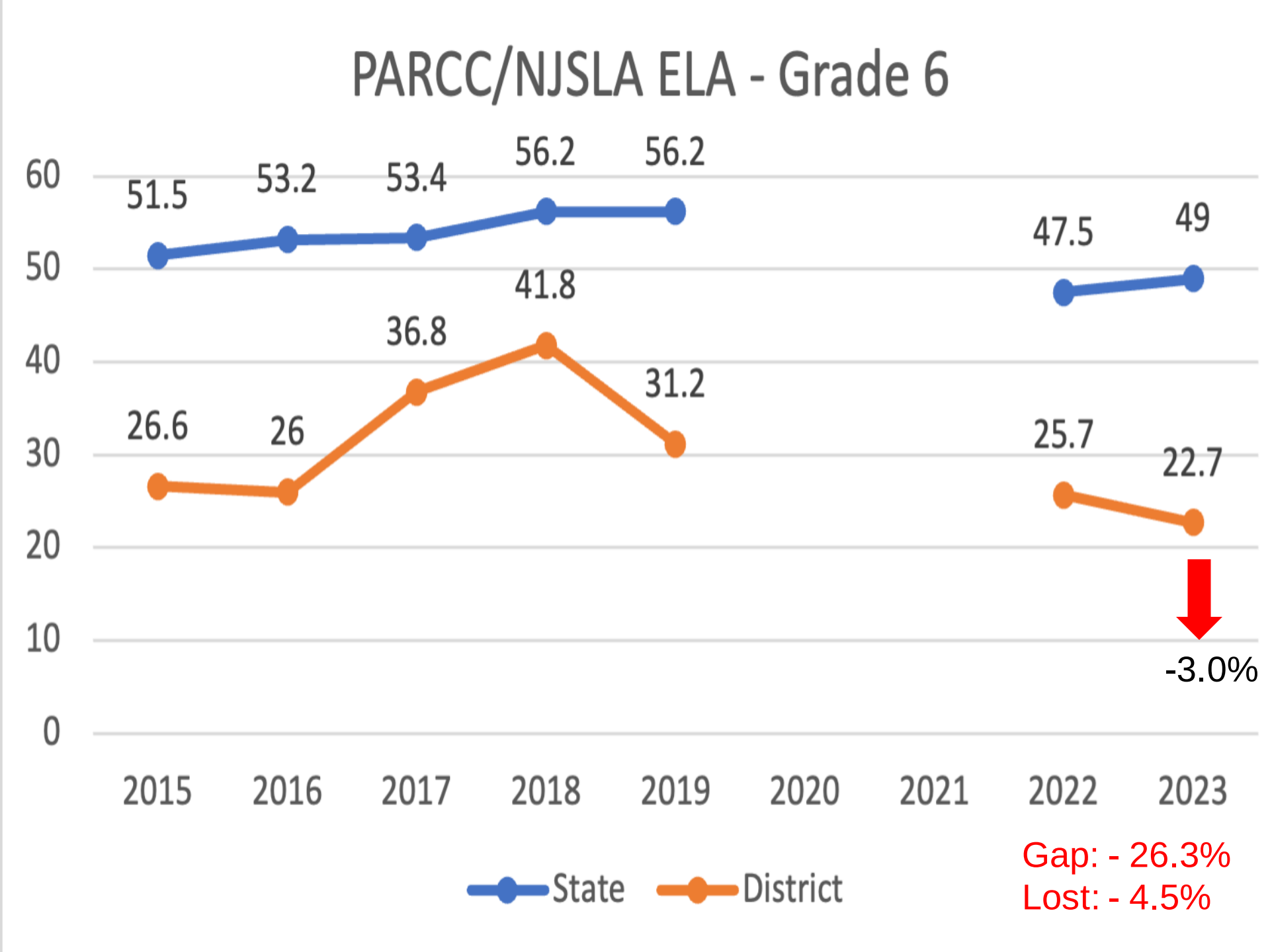
- Statewide assessment
- Measures student proficiency
- Assess students' annual progress
- Identify strengths and weaknesses
- Sets baselines for target instruction

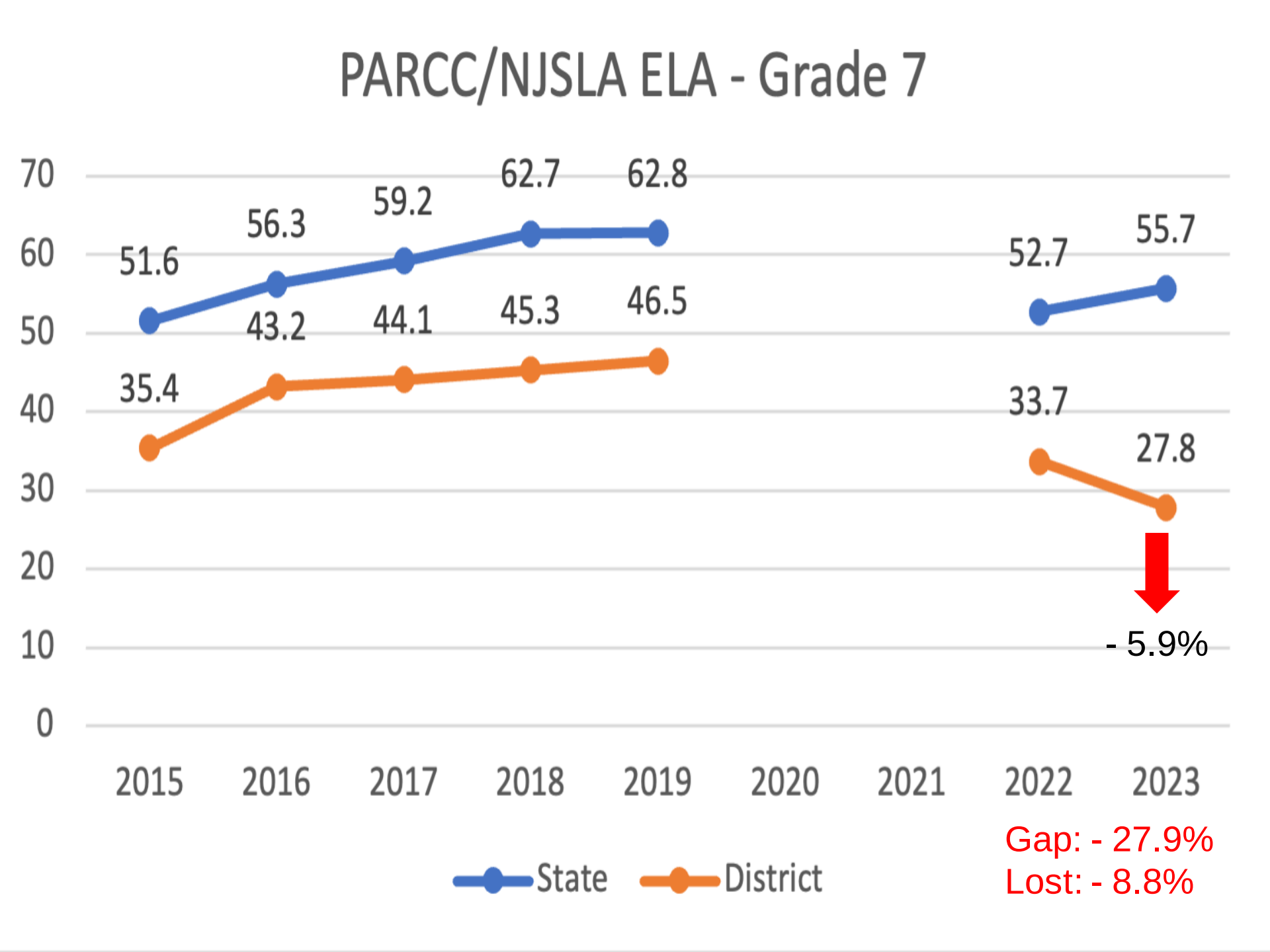

PARCC/NJSLA ELA Combined (3-9)
70
60
50
40
30
20
10
0
48.2
52.4
55.4
57.3
57.5
45.9
45.5
44.7
40.4
30.3
48.9
51.3
31.5
35
3.5%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: -16.3%
Gained: 0.9%

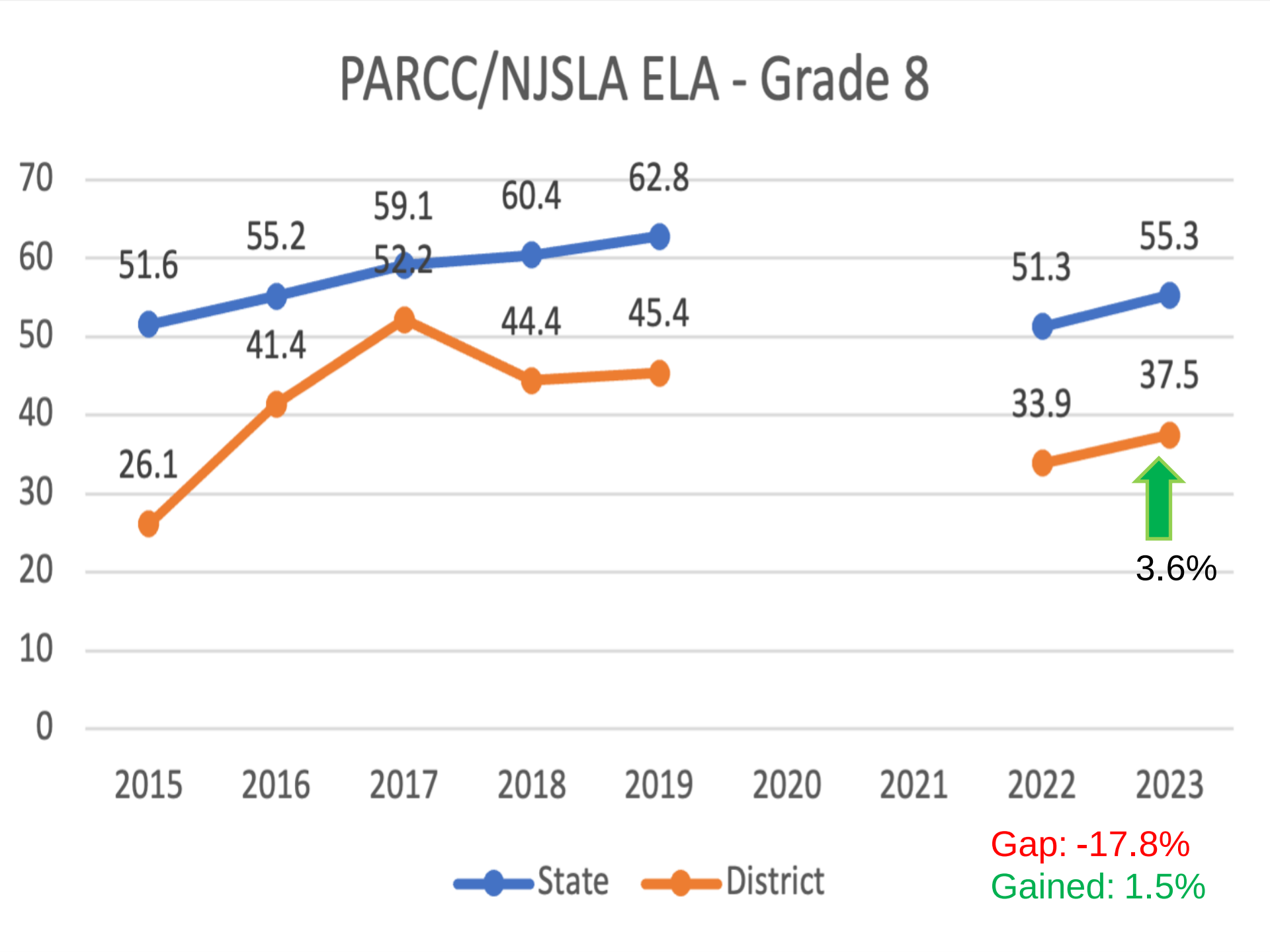

PARCC/NJSLA ELA - Grade 3
60
50
40
30
20
10
0
43.4
47.6
50.4
51.7
50.3
45.3
45.6
39.1
35.1
30
42.4
41.9
32
26.3
5.7%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: -9.9%
Gained: 6.2%

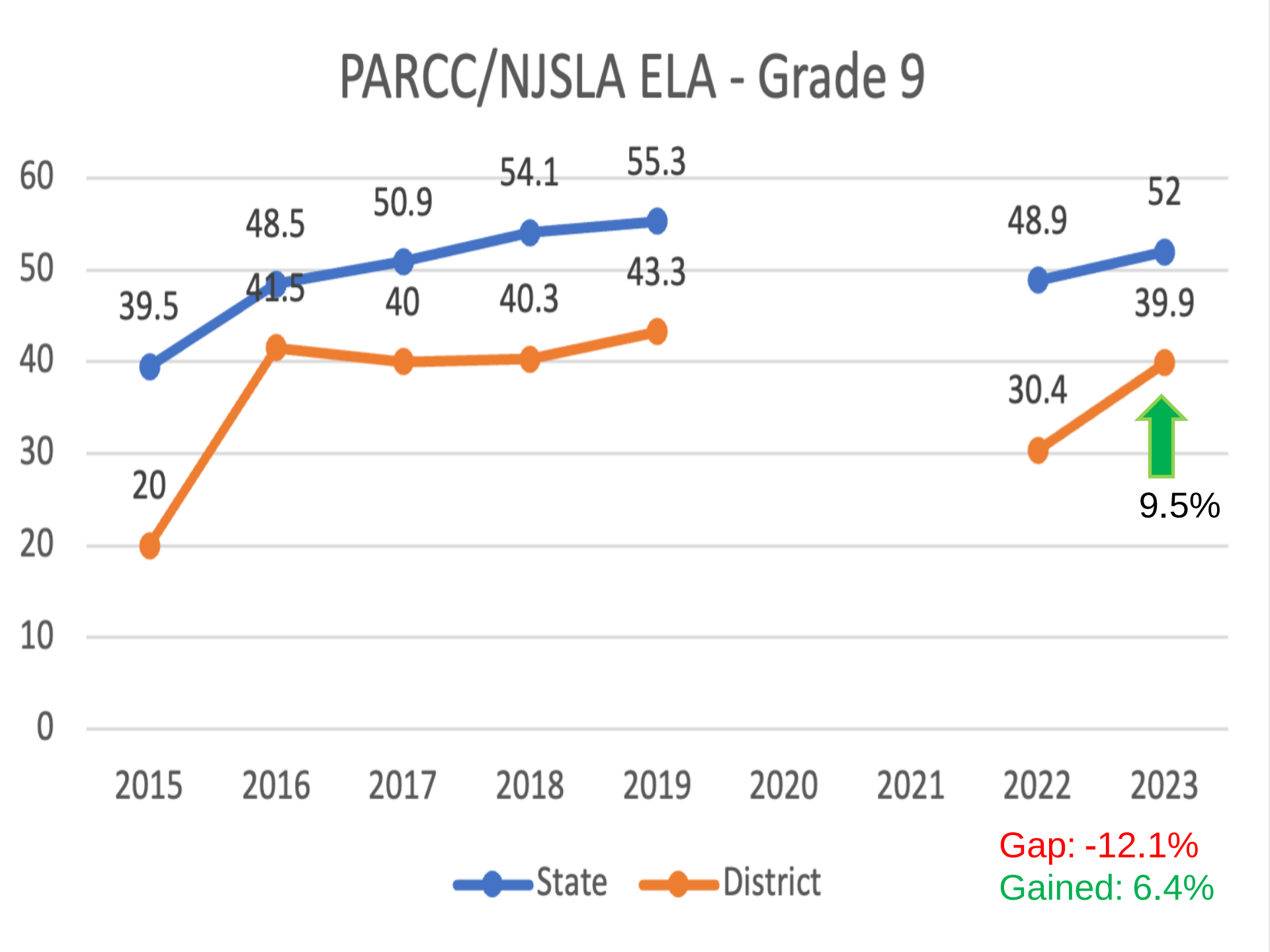

PARCC/NJSLA ELA - Grade 4
70
60
50
40
30
20
10
0
51.1
53.5
55.9
58
57.4
49.4
50.6
45.1
44.5
39.2
49.4
51.3
38
31.8
6.2%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: -13.3%
Gained: 4.3%


PARCC/NJSLA ELA - Grade 5
70
60
50
40
30
20
10
0
51.5
53.2
59
58
61.7
33.7
50.7
55
50.3
57.9
49.6
53.3
41.3
46.3
5.0%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: -7.0%
Gained: 1.3%


PARCC/NJSLA ELA - Grade 6
60
50
40
30
20
10
0
51.5
53.2
53.4
56.2
56.2
47.5
49
26.6
26
36.8
41.8
31.2
25.7
22.7
-3.0%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: - 26.3%
Lost: - 4.5%


PARCC/NJSLA ELA - Grade 7
70
60
50
40
30
20
10
0
51.6
56.3
59.2
62.7
62.8
52.7
55.7
35.4
43.2
44.1
45.3
46.5
33.7
27.8
- 5.9%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: - 27.9%
Lost: - 8.8%


PARCC/NJSLA ELA - Grade 8
70
60
50
40
30
20
10
0
51.6
55.2
59.1
60.4
62.8
52.2
41.4
44.4
45.4
26.1
51.3
55.3
33.9
37.5
3.6%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: -17.8%
Gained: 1.5%


PARCC/NJSLA ELA - Grade 9
60
50
40
30
20
10
0
39.5
48.5
50.9
54.1
55.3
48.9
52
41.5
40
40.3
43.3
39.9
20
30.4
9.5%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: -12.1%
Gained: 6.4%

ELA Comparison Spring 2022 and 2023 NJSLA Administrations

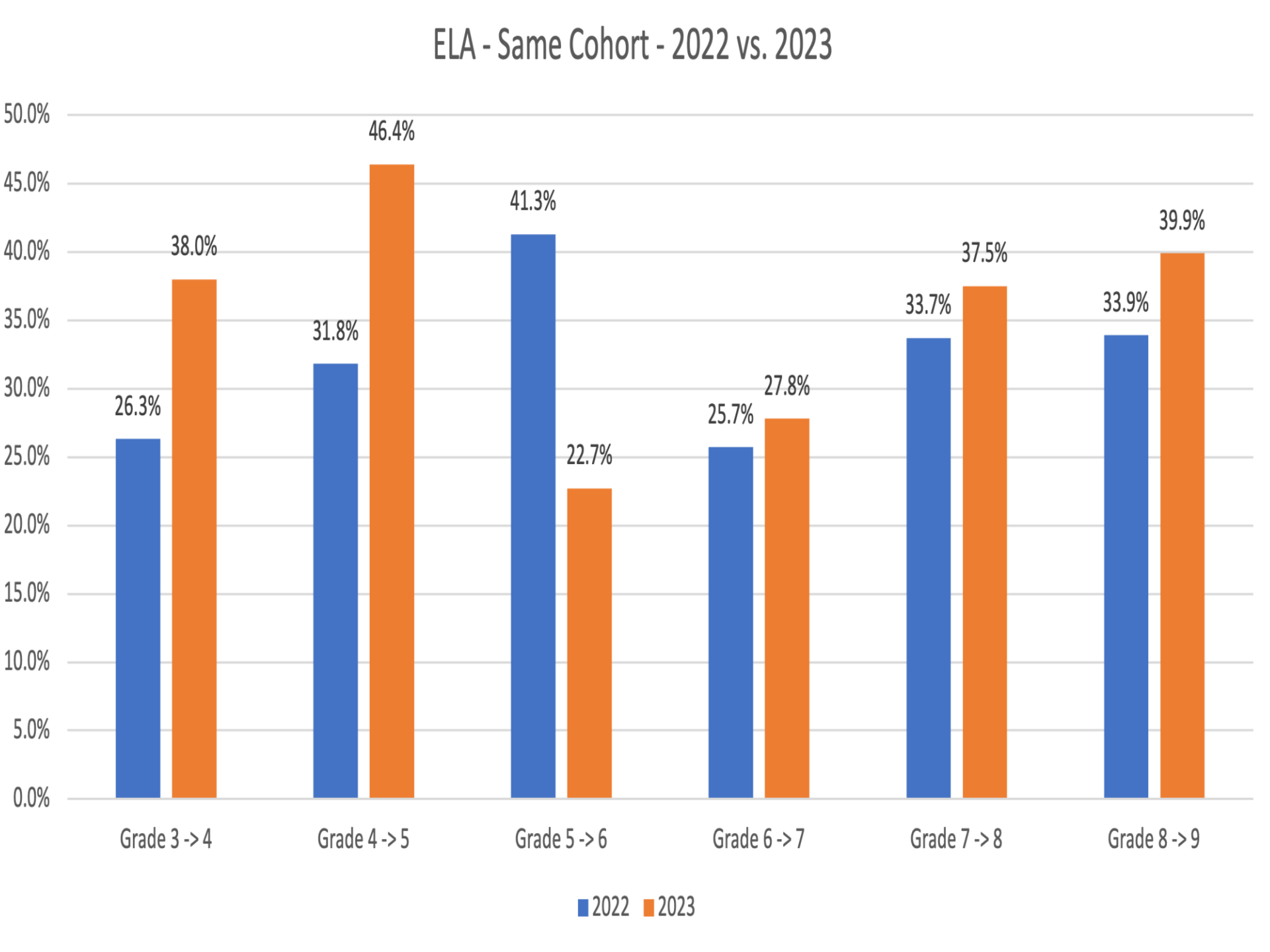
ELA	21-22	22-23	Difference
3	26.3%	32.0%	5.7%
4	31.8%	38.0%	6.2%
5	41.3%	46.3%	5.0%
6	25.7%	22.7%	-3.0%
7	33.7%	27.8%	-5.9%
8	33.9%	37.5%	3.6%
9	30.4%	39.9%	9.5%

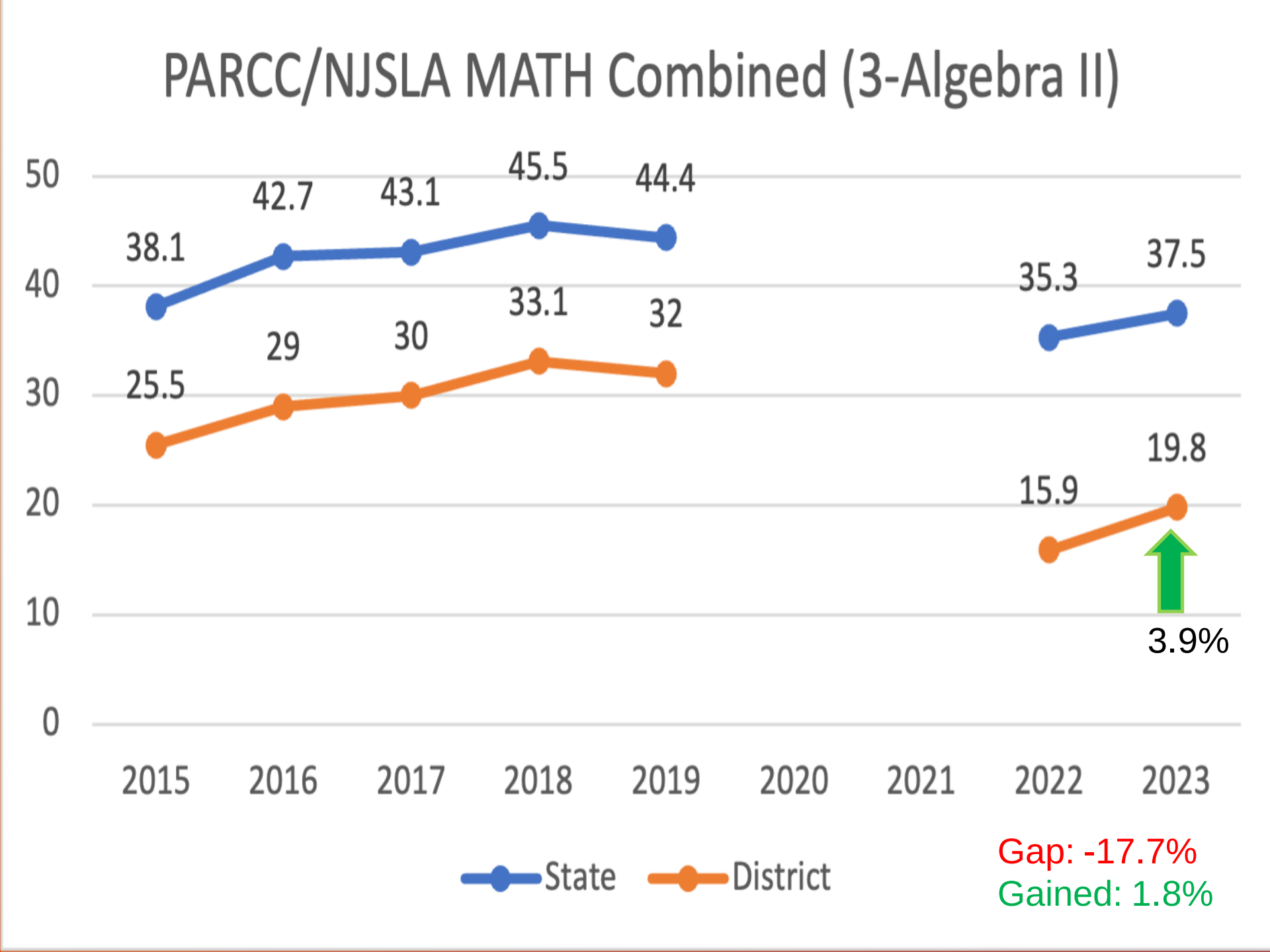
ELA – District Comparison to State

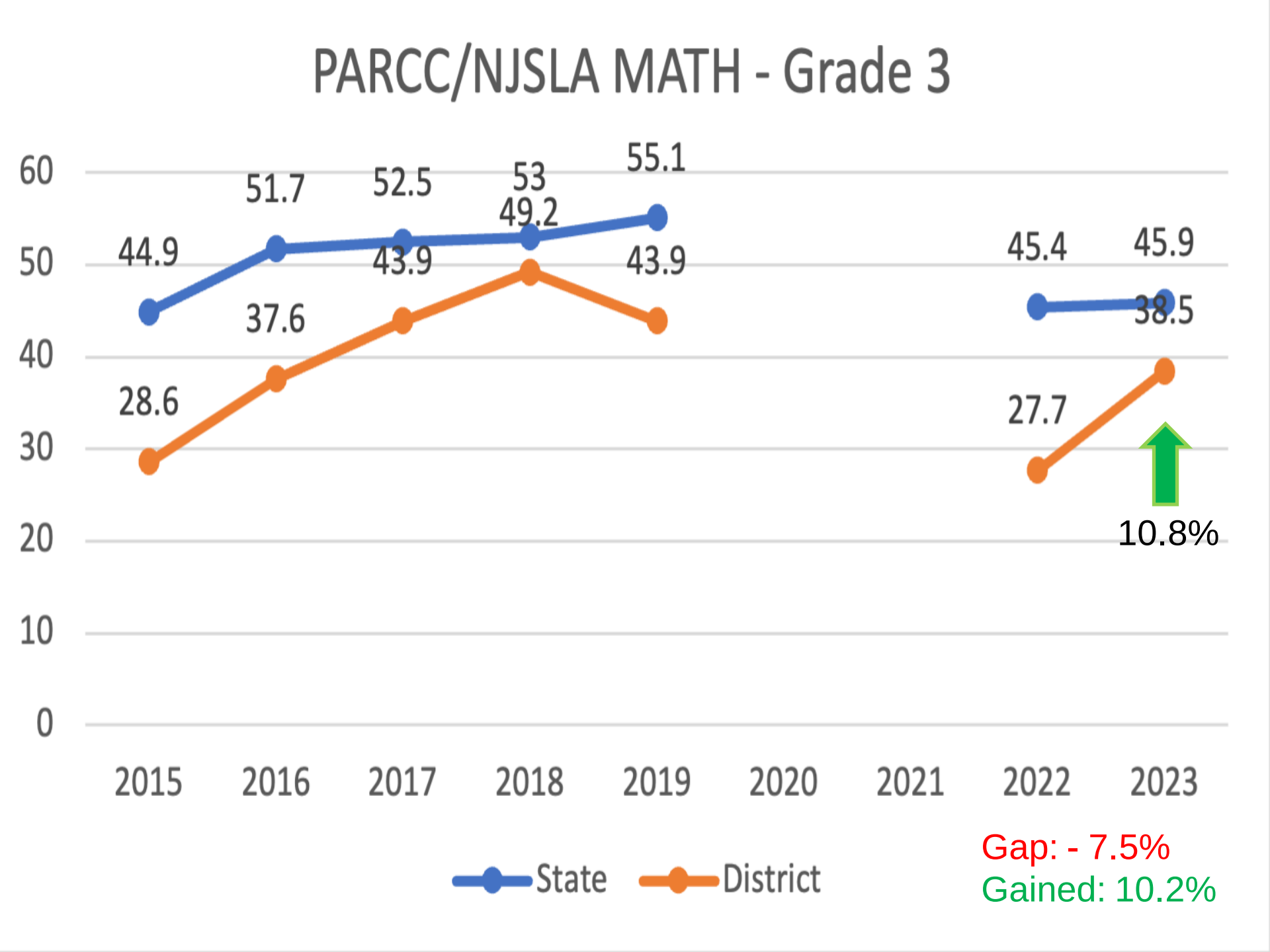
ELA 2023	State #	Passed	State P %	District #	Passed	District %	Diff SvD	Gain/Loss DvS
9	97,947	50,929	0.520	471	188	0.399	-0.121	0.064
8	100,461	55,557	0.553	432	162	0.375	-0.178	0.015
7	97,297	54,192	0.557	471	131	0.278	-0.279	-0.088
6	96,337	47,211	0.490	428	97	0.227	-0.263	-0.045
5	94,934	50,574	0.533	447	207	0.463	-0.070	0.014
4	93,504	47,957	0.513	437	166	0.380	-0.133	0.043
3	92,302	38,712	0.419	366	117	0.320	-0.100	0.061
Total	672,782	345,132	0.513	3052	1068	0.350	-0.163	0.011

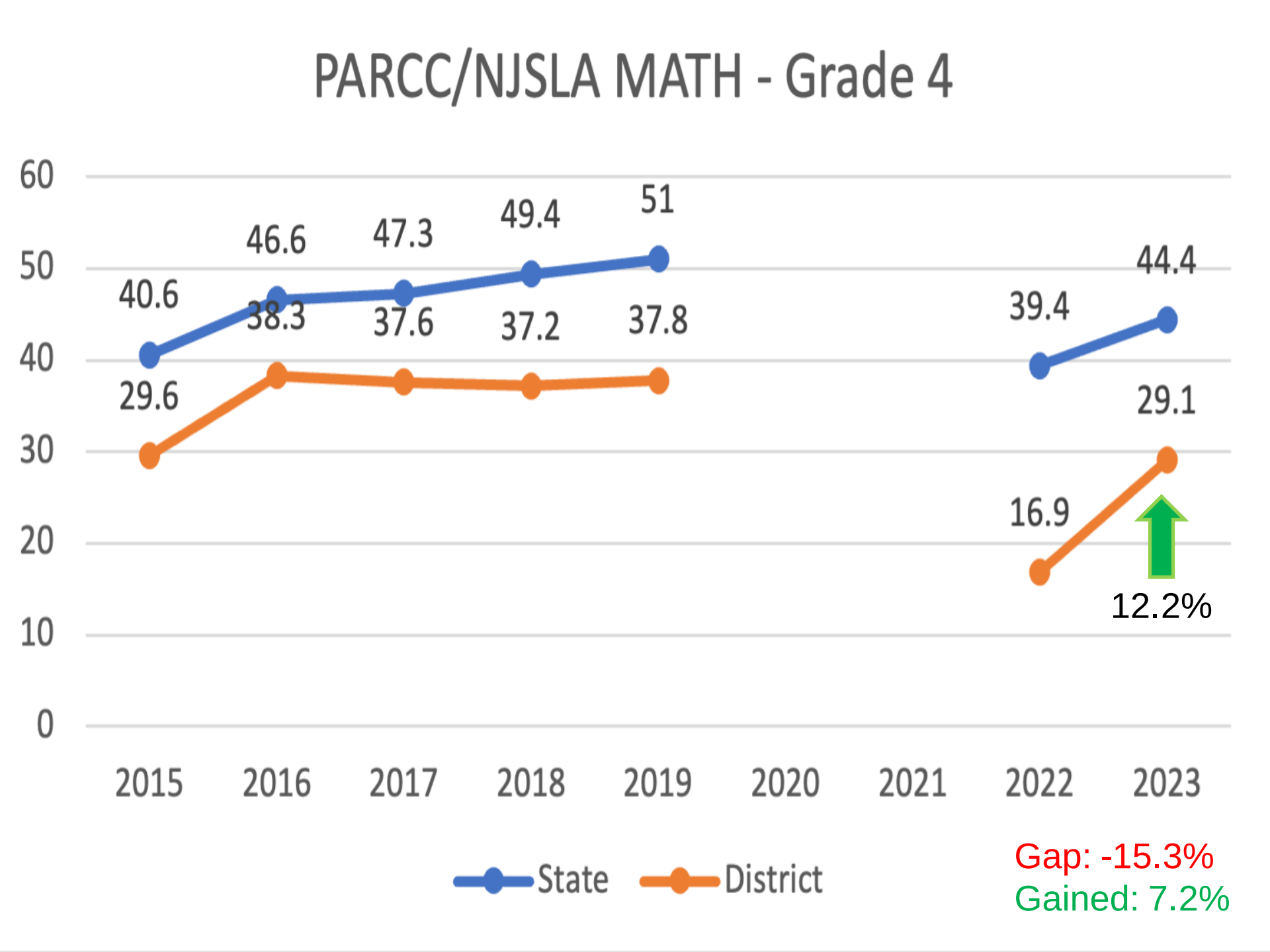
Up 0.0239

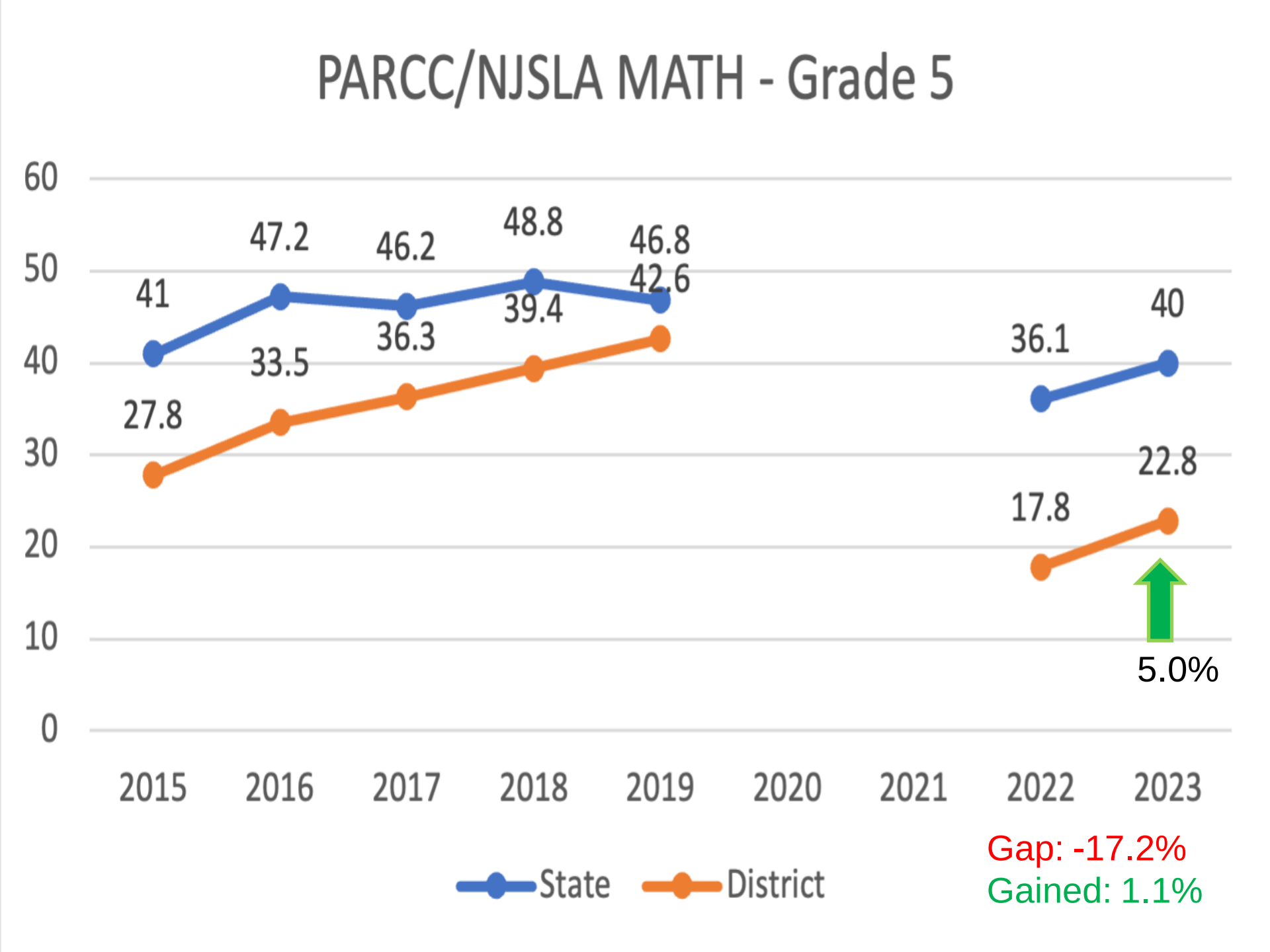
Up 0.0349

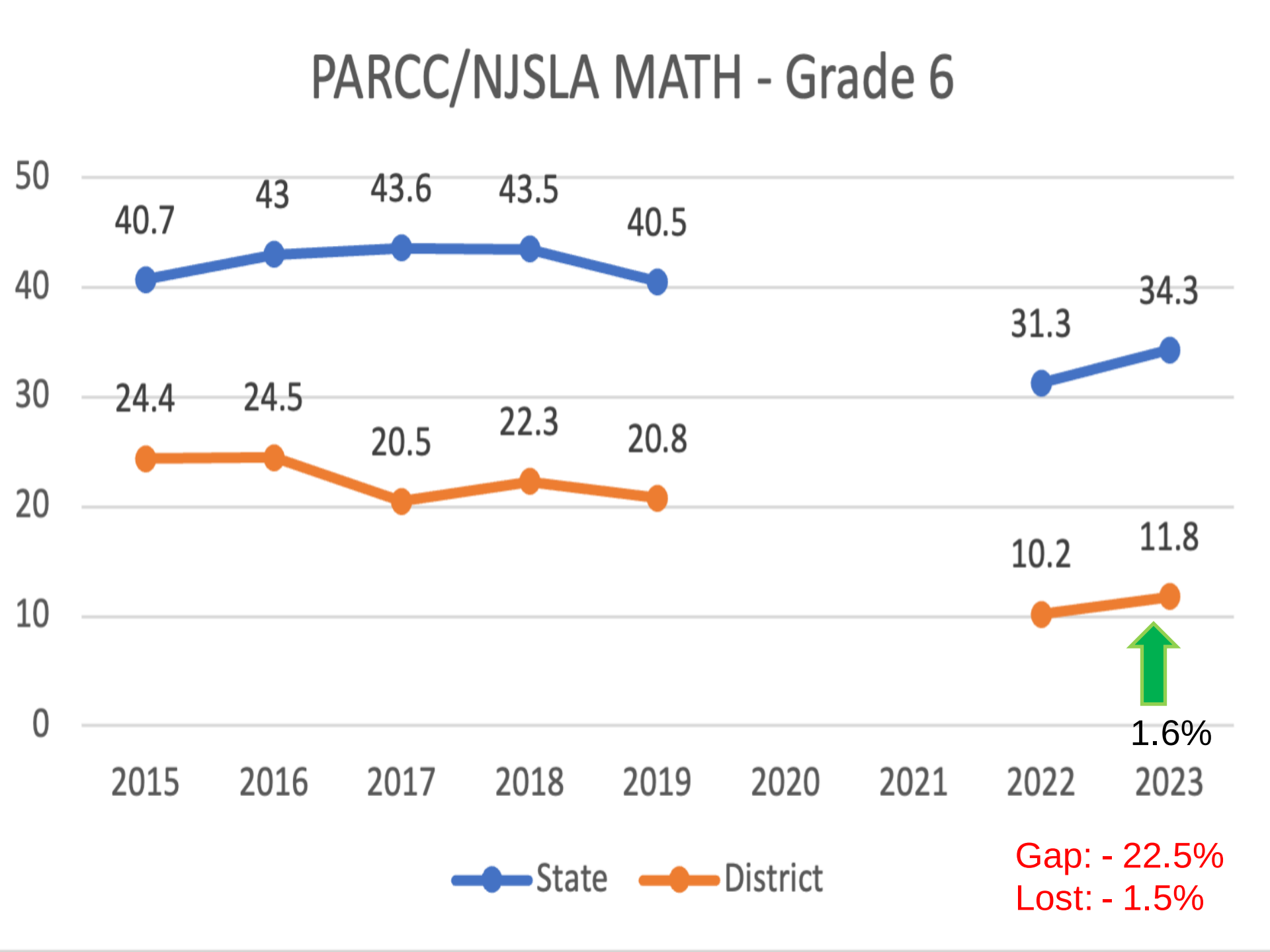

ELA - Same Cohort - 2022 vs. 2023
50.0%
45.0%
40.0%
35.0%
30.0%
25.0%
20.0%
15.0%
10.0%
5.0%
0.0%
26.3%
38.0%
31.8%
46.4%
41.3%
22.7%
25.7%
27.8%
33.7%
37.5%
33.9%
39.9%
Grade 3 -> 4
Grade 4 -> 5
Grade 5 -> 6
Grade 6 -> 7
Grade 7 -> 8
Grade 8 -> 9
2022
2023

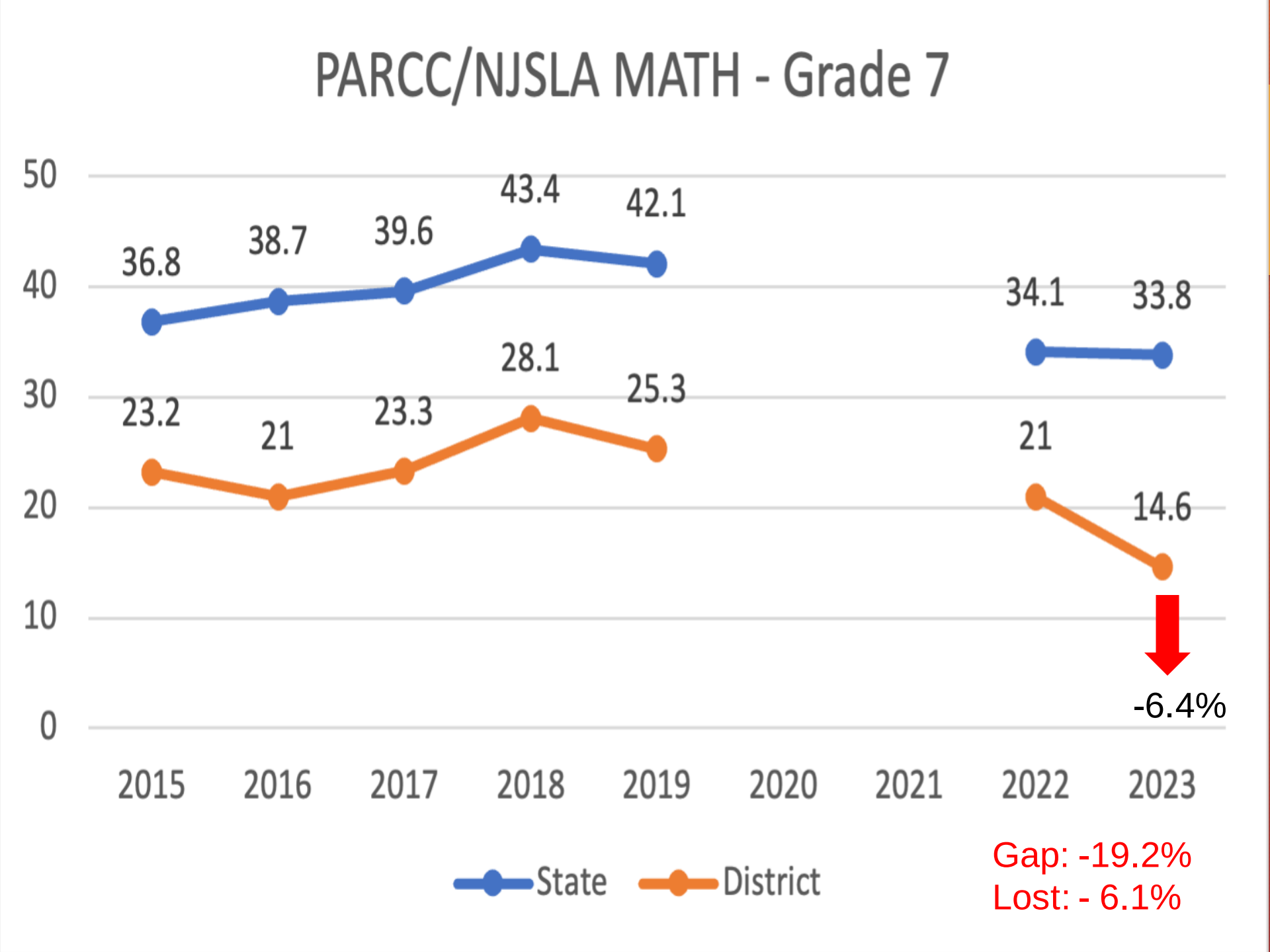

PARCC/NJSLA MATH Combined (3-Algebra II)
50
40
30
20
10
0
38.1
42.7
43.1
45.5
44.4
25.5
29
30
33.1
32
35.3
37.5
15.9
19.8
3.9%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: -17.7%
Gained: 1.8%


PARCC/NJSLA MATH - Grade 3
60
50
40
30
20
10
0
44.9
51.7
52.5
53
55.1
43.9
49.2
43.9
37.6
28.6
45.4
45.9
38.5
27.7
10.8%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: - 7.5%
Gained: 10.2%


PARCC/NJSLA MATH - Grade 4
60
50
40
30
20
10
0
40.6
46.6
47.3
49.4
51
38.3
37.6
37.2
37.8
29.6
39.4
44.4
29.1
16.9
12.2%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: -15.3%
Gained: 7.2%


PARCC/NJSLA MATH - Grade 5
60
50
40
30
20
10
0
41
47.2
46.2
48.8
46.8
42.6
39.4
36.3
33.5
27.8
36.1
40
22.8
17.8
5.0%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: -17.2%
Gained: 1.1%

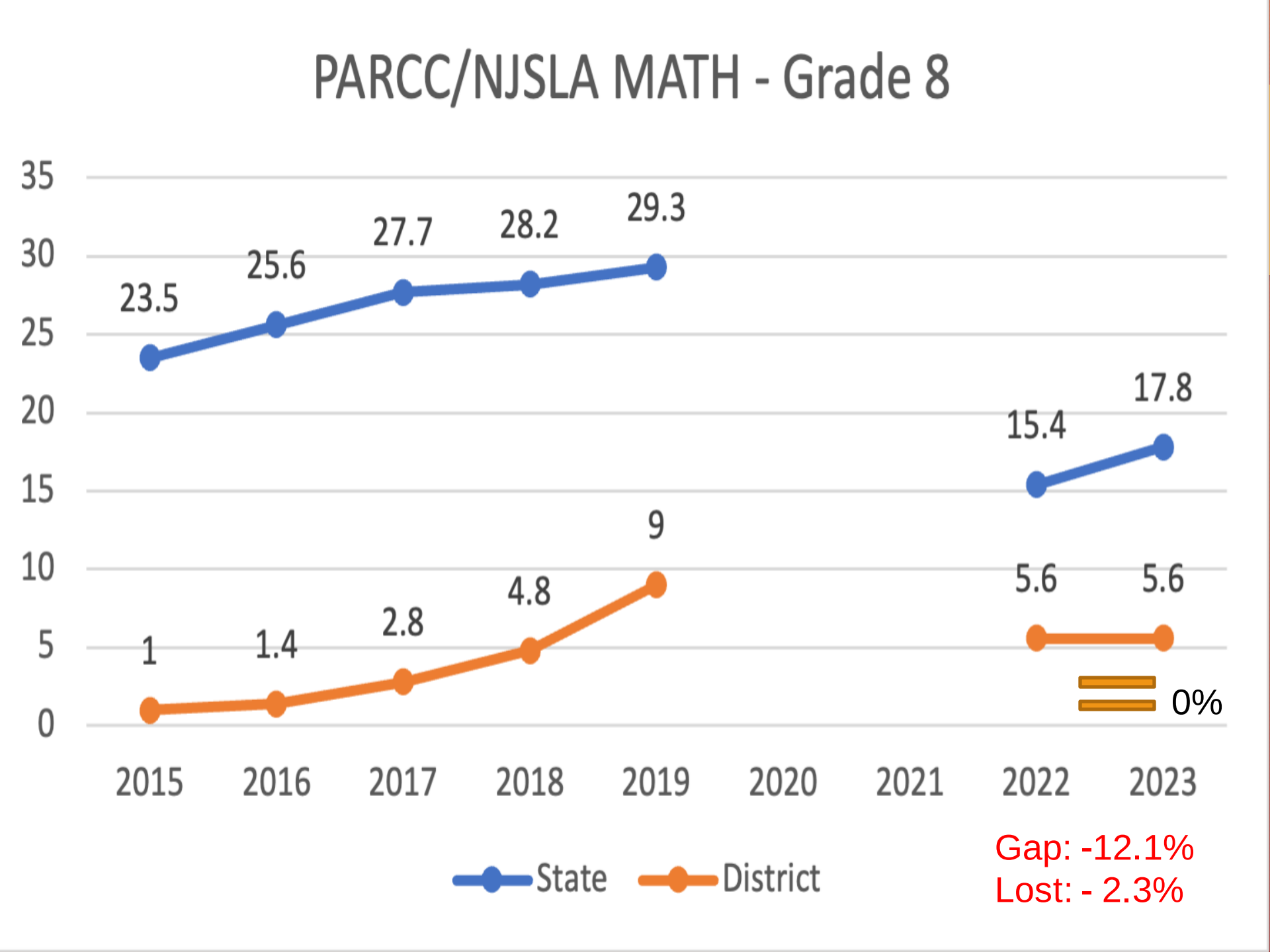

PARCC/NJSLA MATH - Grade 6
50
40
30
20
10
0
40.7
43
43.6
43.5
40.5
24.4
24.5
20.5
22.3
20.8
31.3
34.3
10.2
11.8
1.6%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: - 22.5%
Lost: - 1.5%

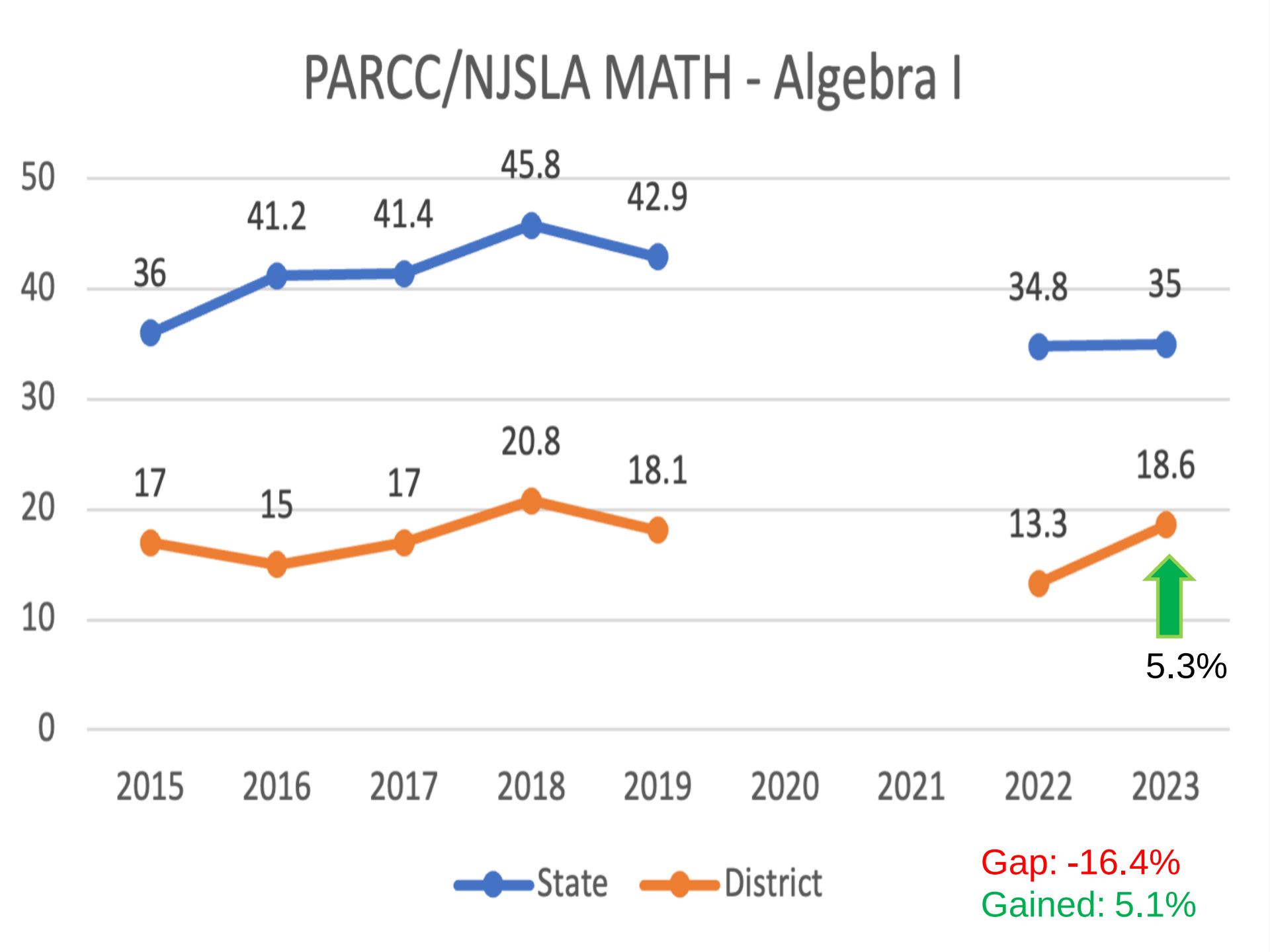

PARCC/NJSLA MATH - Grade 7
50
40
30
20
10
0
36.8
38.7
39.6
43.4
42.1
34.1
33.8
23.2
21
23.3
28.1
25.3
21
14.6
-6.4%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: -19.2%
Lost: - 6.1%

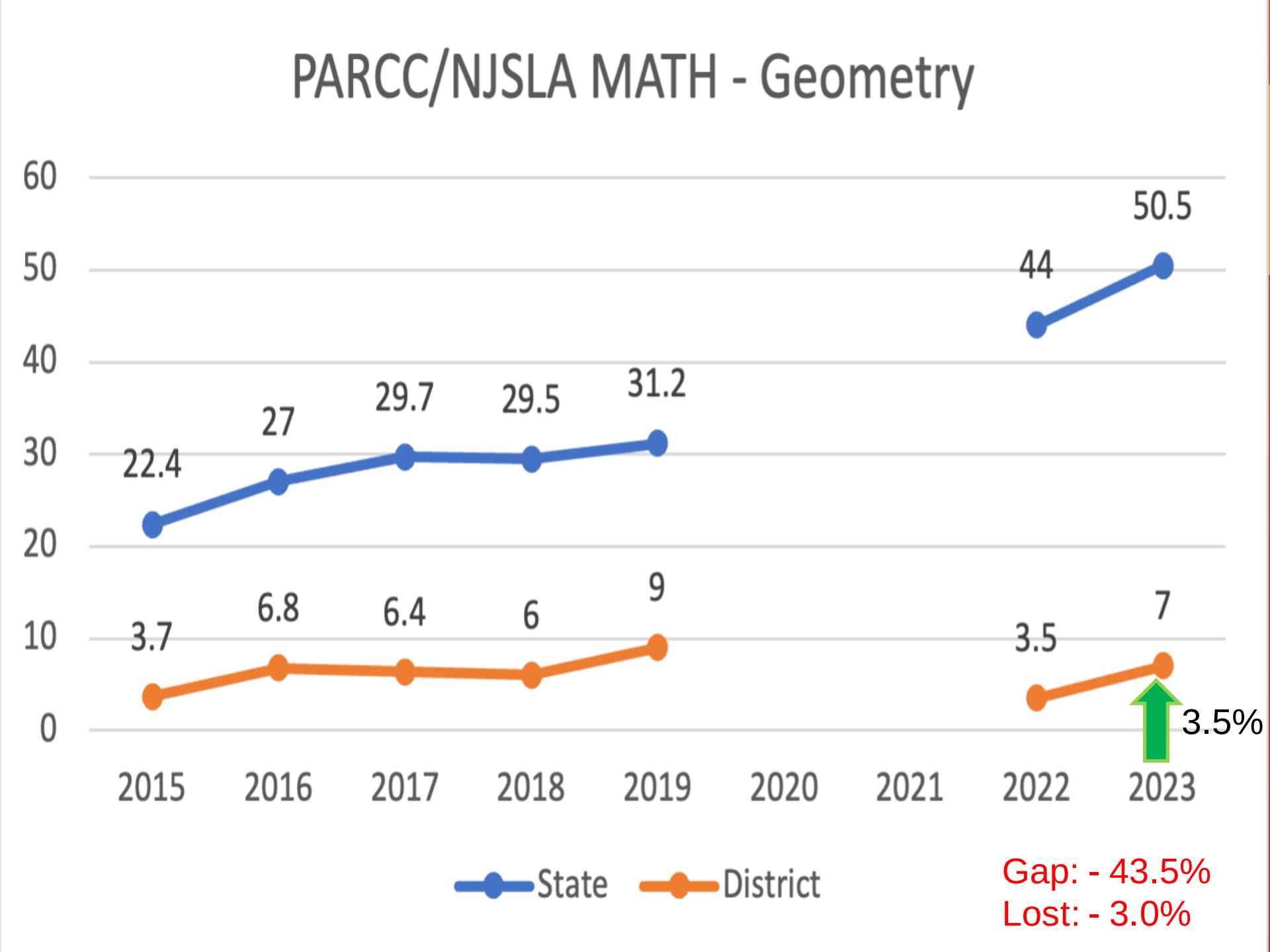
- **Grade 8 data**: Some students in grade 8 participated in the Algebra I assessment in place of the 8th grade Math assessment. Thus, Math 8 outcomes are not representative of grade 8 performance as a whole.

- **Algebra 1, 2 and Geometry data:** Students in grades 11 and 12 were not included.

- Percentages may not total 100 due to rounding.


PARCC/NJSLA MATH - Grade 8
35
30
25
20
15
10
5
0
23.5
25.6
27.7
28.2
29.3
15.4
17.8
1
1.4
2.8
4.8
9
5.6
5.6
0%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: -12.1%
Lost: - 2.3%


PARCC/NJSLA MATH - Algebra I
50
40
30
20
10
0
36
41.2
41.4
45.8
42.9
34.8
35
17
15
17
20.8
18.1
13.3
18.6
5.3%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: -16.4%
Gained: 5.1%


PARCC/NJSLA MATH - Geometry
60
50
40
30
20
10
0
22.4
27
29.7
29.5
31.2
44
50.5
3.7
6.8
6.4
6
9
3.5
7
3.5%
2015
2016
2017
2018
2019
2020
2021
2022
2023
State
District
Gap: - 43.5%
Lost: - 3.0%

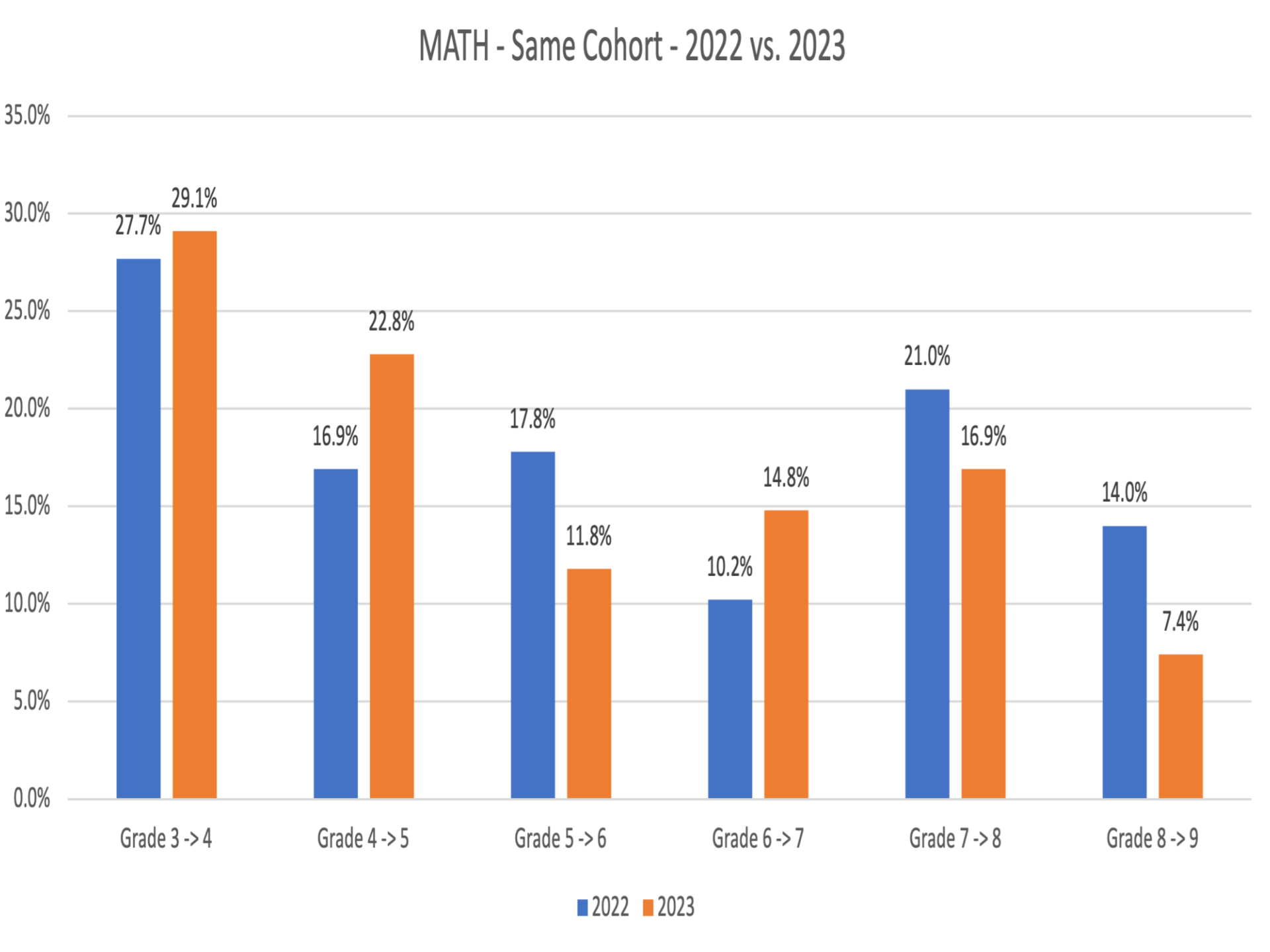
Math Comparison Spring 2022 and 2023 NJSLA Administrations

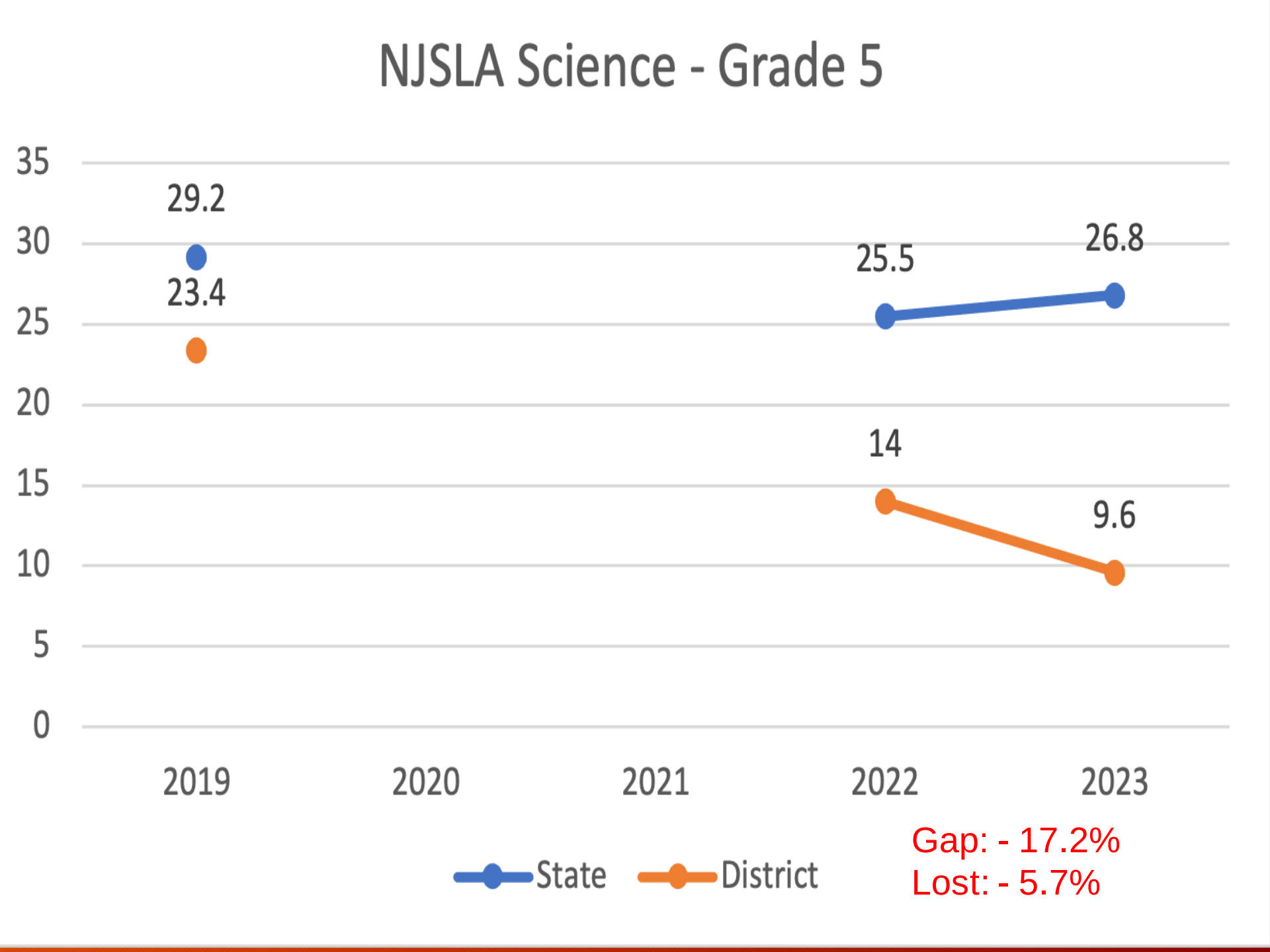
Math	21-22	22-23	Difference
3	27.7%	38.5%	10.8%
4	16.9%	29.1%	12.2%
5	17.8%	22.8%	5.0%
6	10.2%	11.8%	1.6%
7	21.0%	14.8%	-6.2%
8	5.6%	5.6%	0.0%
ALG I	13.3%	18.6%	5.3%
GEO	3.5%	7.0%	3.5%

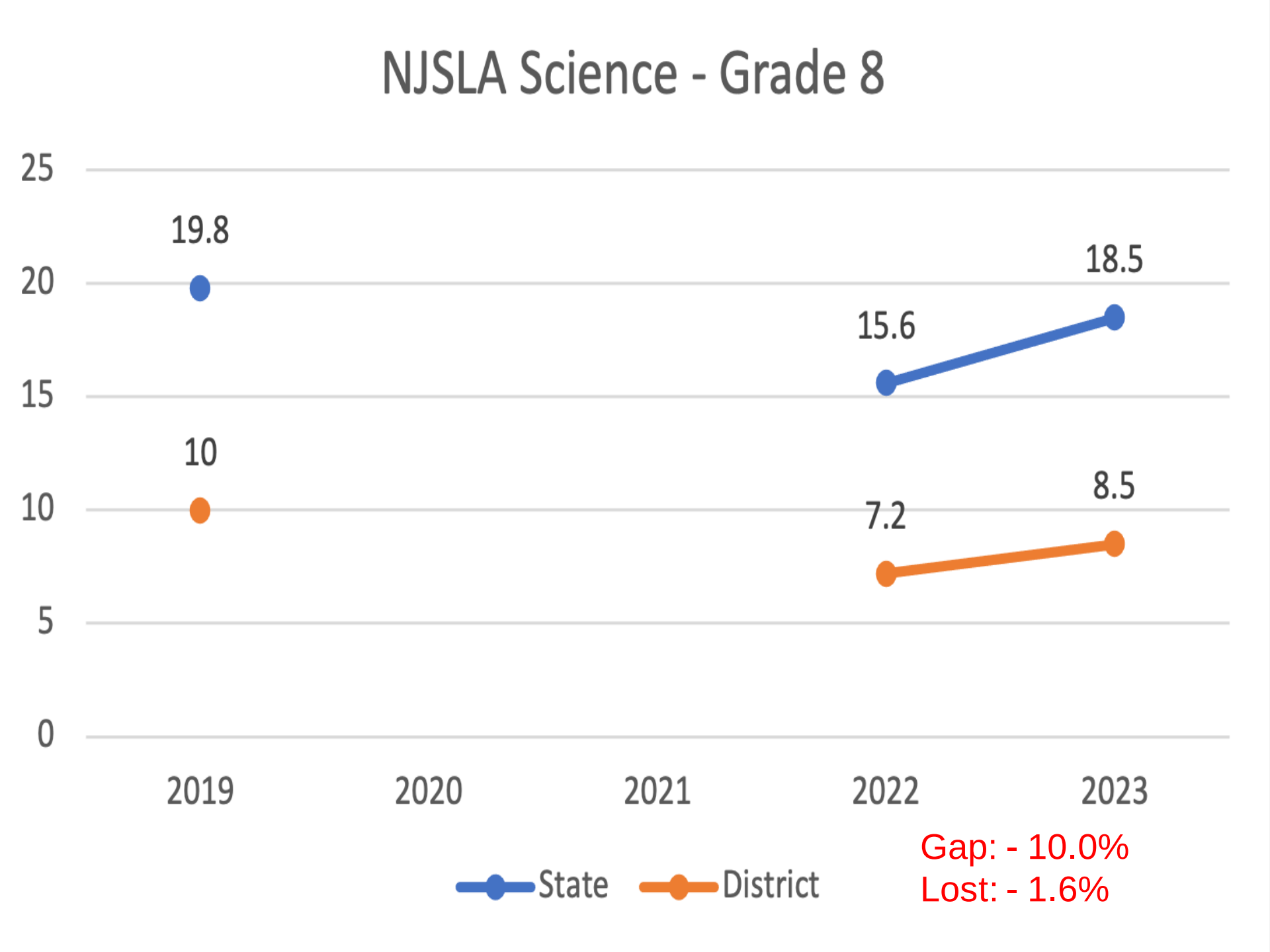
Math – District Comparison to State

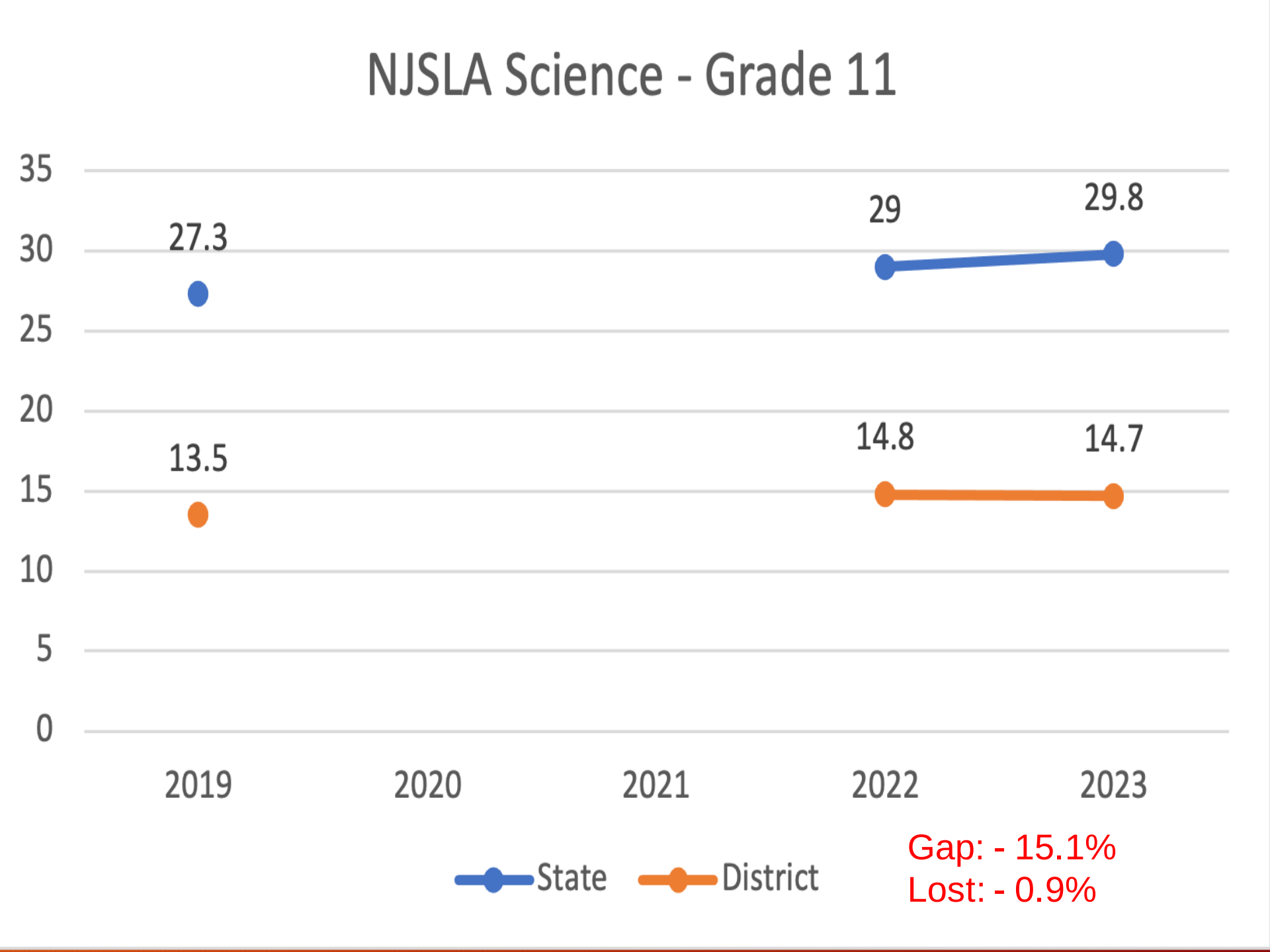
Math 2023	State #	Passed	State P %	District #	Passed	District %	Diff SvD	Gain/Loss DvS
Alg II	10,178	5,466	0.537	3	2	0.667	0.130	0.492
Geometry	30,384	15,335	0.505	86	6	0.070	-0.435	-0.030
Alg I	106,400	37,211	0.350	490	91	0.186	-0.164	0.051
8	67,096	11,933	0.178	354	20	0.056	-0.121	-0.023
7	93,752	31,687	0.338	479	70	0.146	-0.192	-0.061
6	97,971	33,619	0.343	442	52	0.118	-0.226	-0.015
5	96,582	38,663	0.400	456	104	0.228	-0.172	0.011
4	95,226	42,244	0.444	447	130	0.291	-0.153	0.072
3	94,111	43,227	0.459	382	147	0.385	-0.075	0.102
Total	691,700	259,385	0.375	3139	622	0.198	-0.177	0.018

Up	0.0216	Up	0.0396

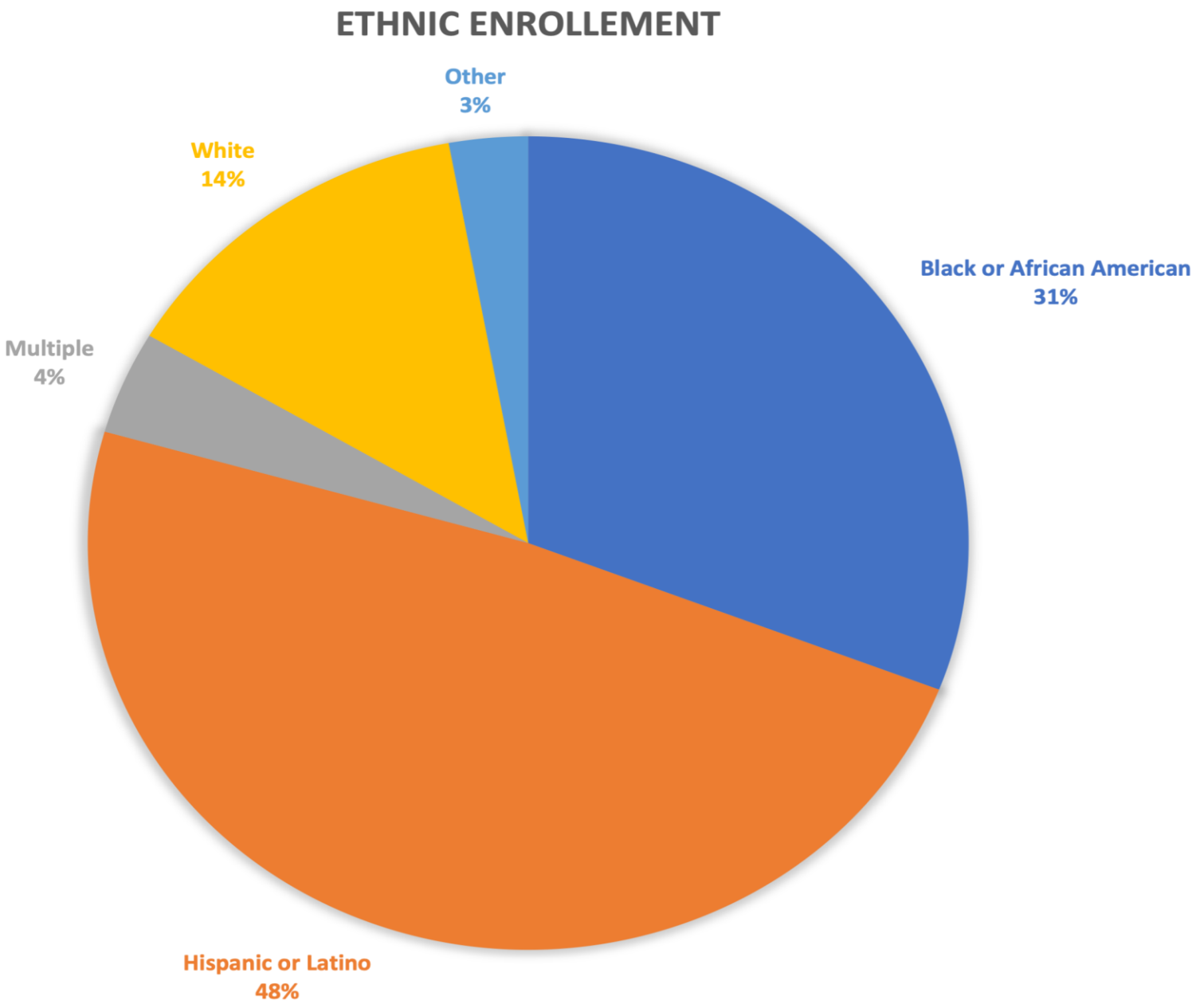

MATH - Same Cohort - 2022 vs. 2023
35.0%
30.0%
25.0%
20.0%
15.0%
10.0%
5.0%
0.0%
27.7%
29.1%
16.9%
22.8%
17.8%
11.8%
10.2%
14.8%
21.0%
16.9%
14.0%
7.4%
Grade 3 -> 4
Grade 4 -> 5
Grade 5 -> 6
Grade 6 -> 7
Grade 7 -> 8
Grade 8 -> 9
2022
2023


NJSLA Science - Grade 5
35
30
25
20
15
10
5
0
29.2
23.4
25.5
26.8
14
9.6
2019
2020
2021
2022
2023
State
District
Gap: - 17.2%
Lost: - 5.7%

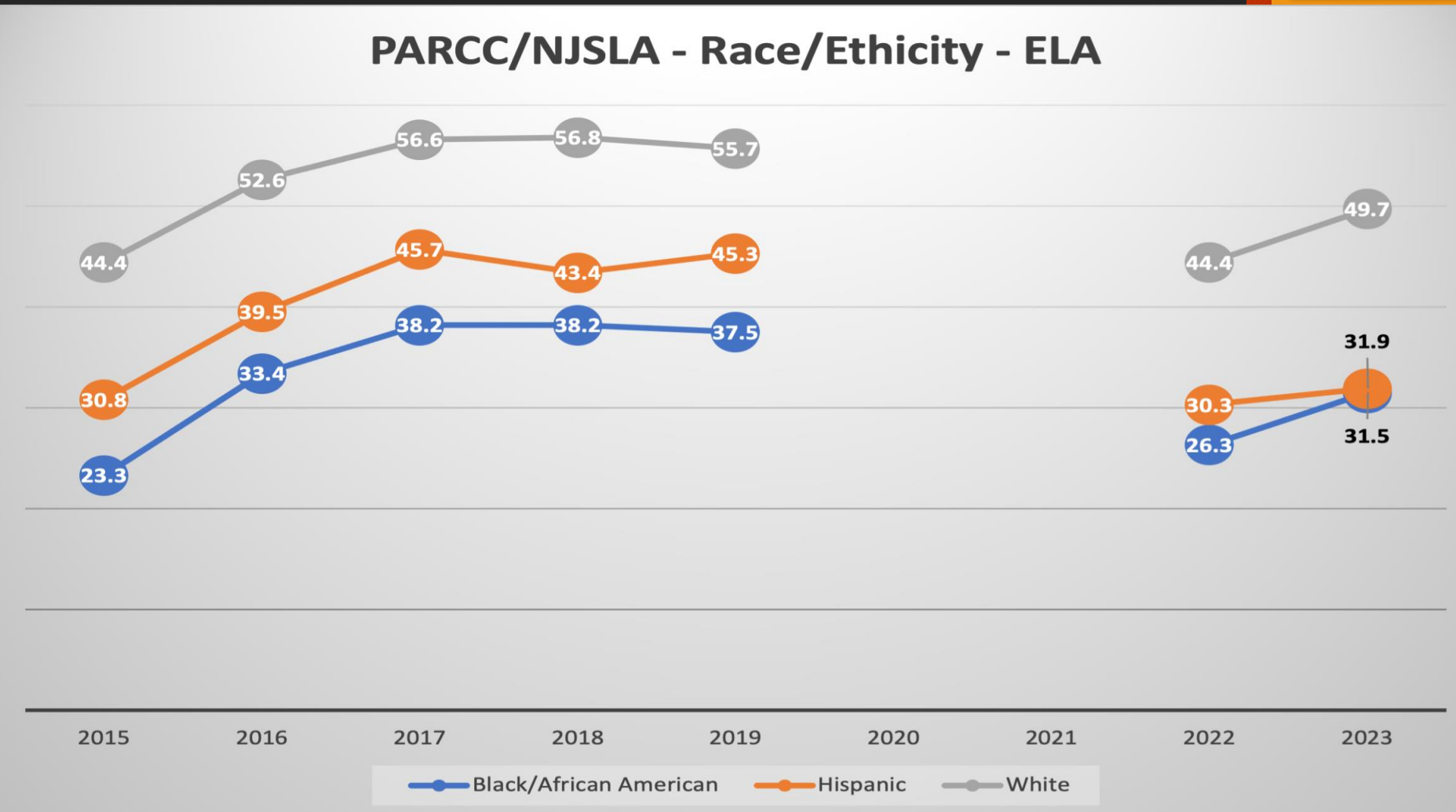

NJSLA Science - Grade 8
25
20
15
10
5
0
19.8
18.5
15.6
10
8.5
7.2
2019
2020
2021
2022
2023
State
District
Gap: - 10.0%
Lost: - 1.6%


NJSLA Science - Grade 11
35
30
25
20
15
10
5
0
27.3
13.5
29
29.8
14.8
14.7
2019
2020
2021
2022
2023
State
District
Gap: - 15.1%
Lost: - 0.9%

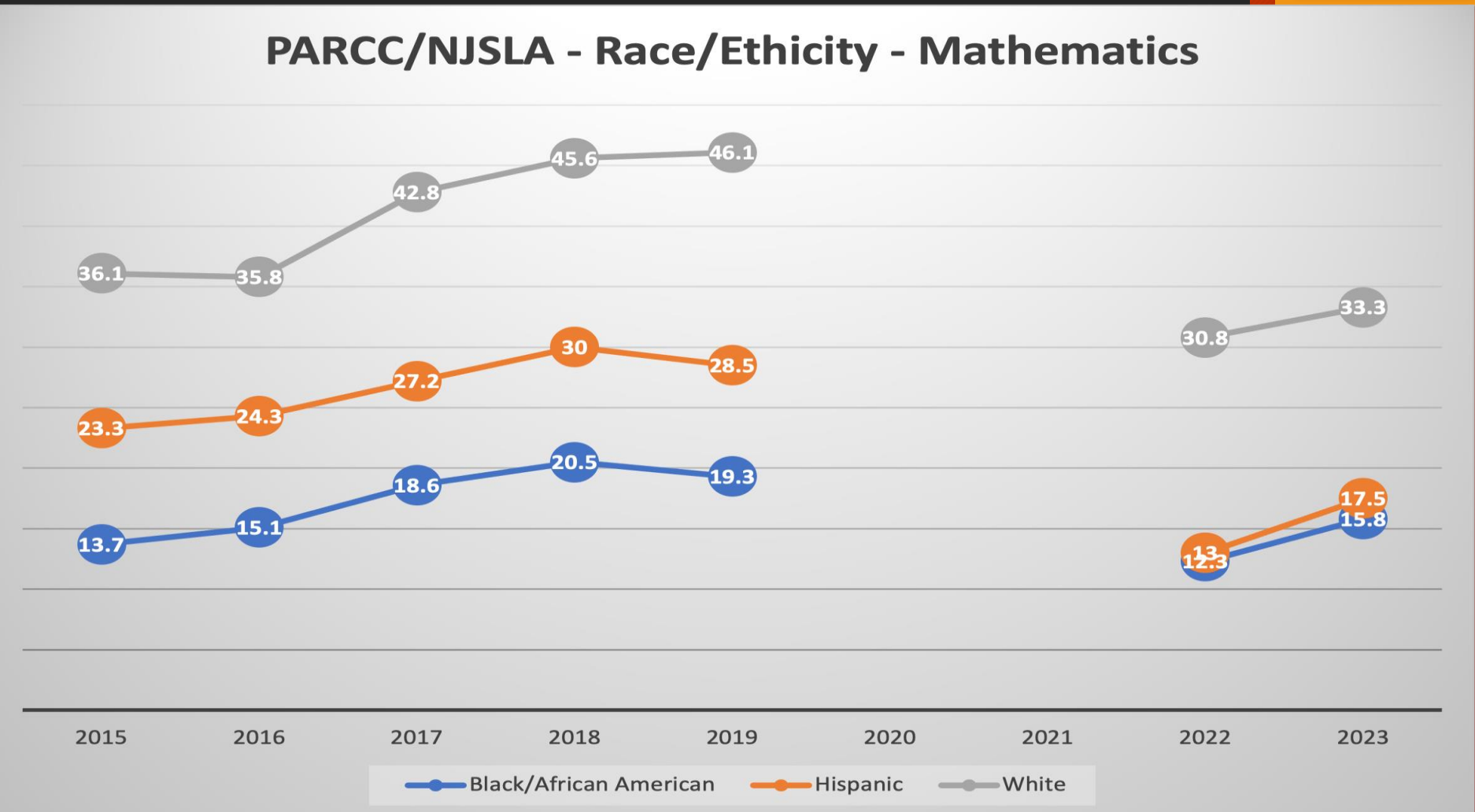
DEMOGRAPHICS



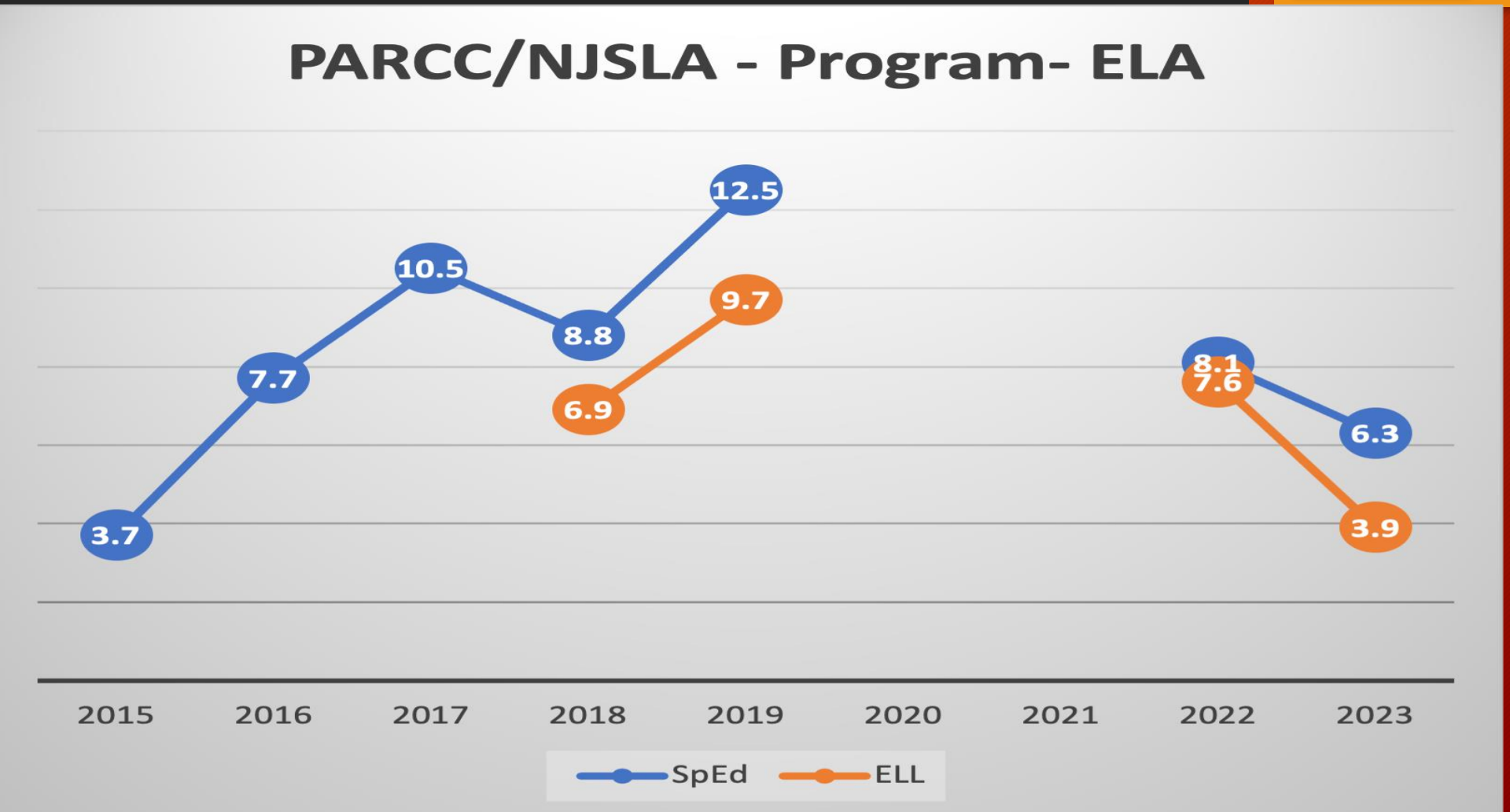
Disaggregated Data



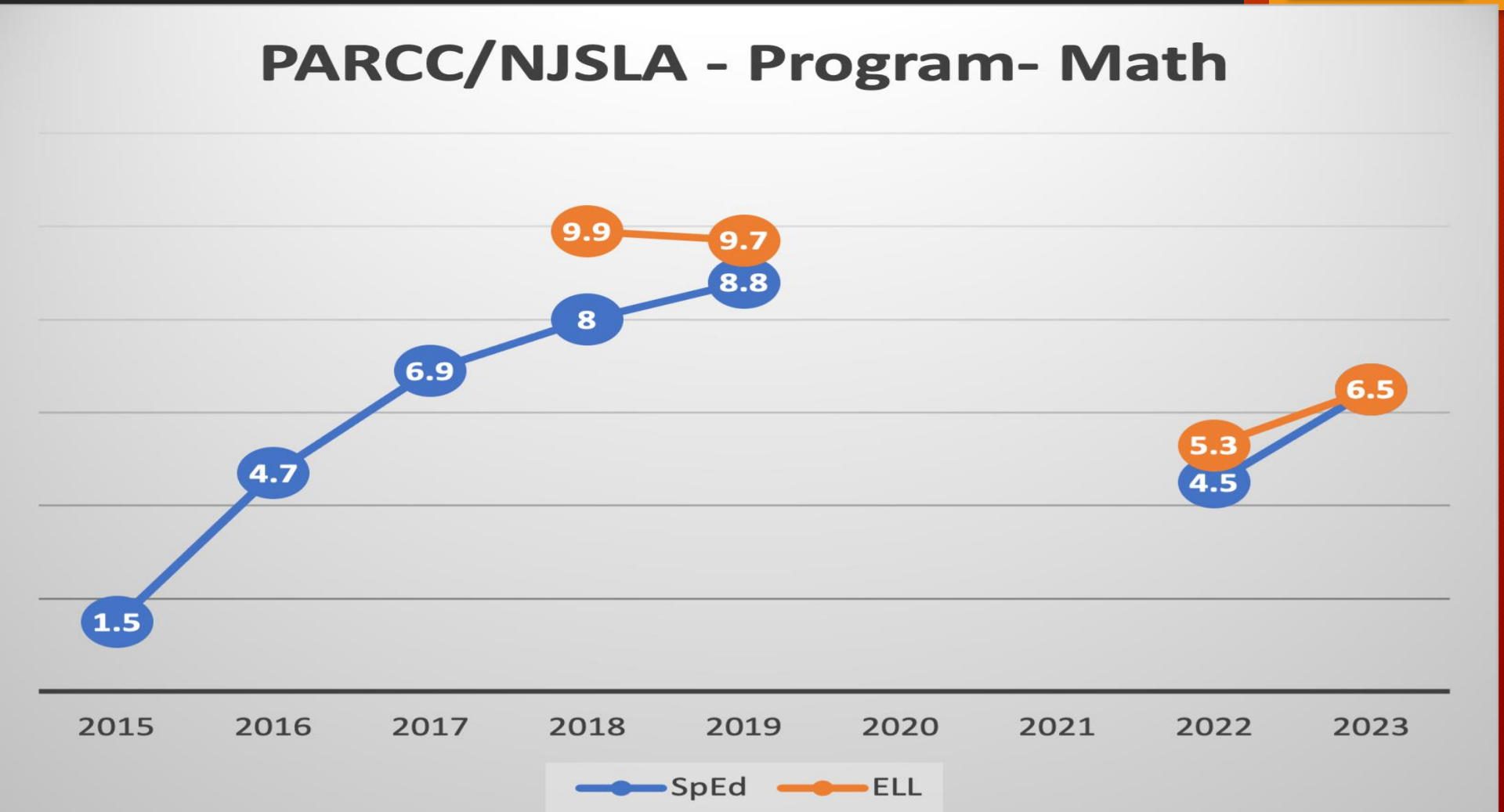
Disaggregated Data



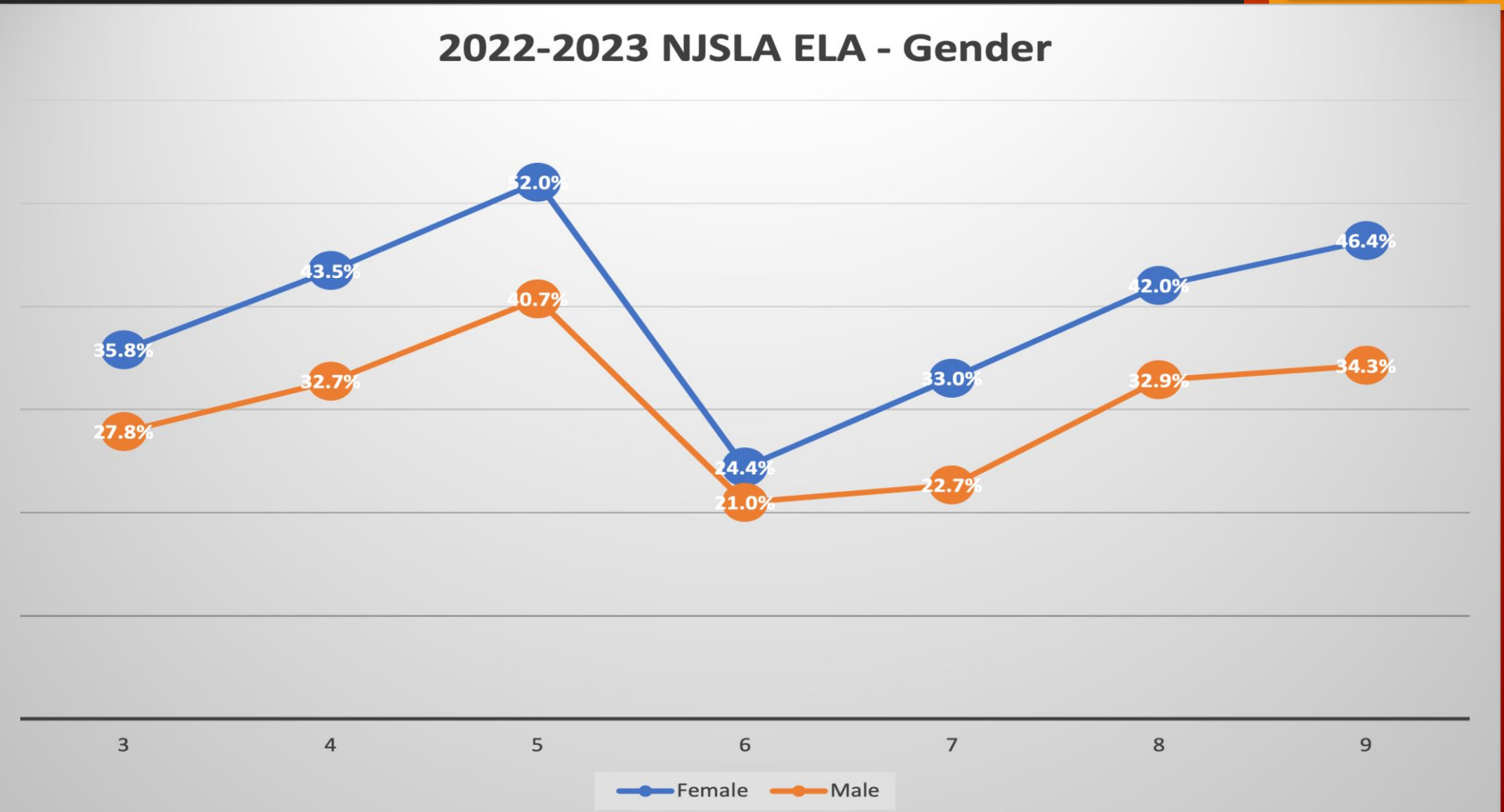
Disaggregated Data



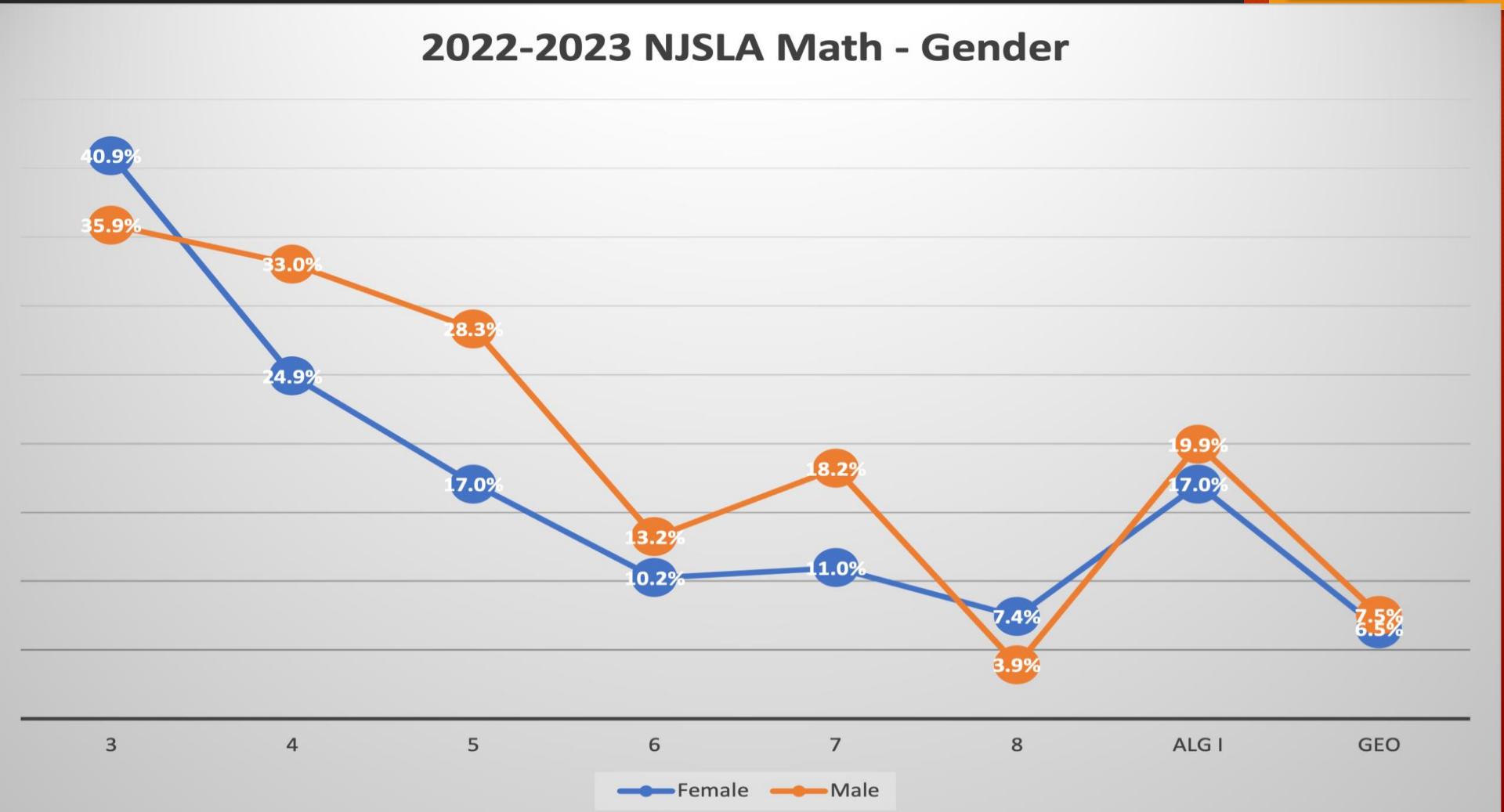
Disaggregated Data



Disaggregated Data



Disaggregated Data



Overall Student Outcomes and Notable Achievements:

ELA:
- State went up by 2.39%
- Linden went up by 3.49%

Mathematics:
- State went up by 2.16%
- Linden went up by 3.96%

Science:
- State went up by 1.72%
- Linden went down by 0.78%

Data indicates positive impact addressing learning loss

Students receiving a perfect score of 850

Dynamic Learning Map (DLM)

Performance Levels

1. Emerging 2. Approaching the target 3. At Target 4. Advanced

Designed for students with severe cognitive disabilities

Assessed in ELA, Math, and Science (Grades 5 and 8)

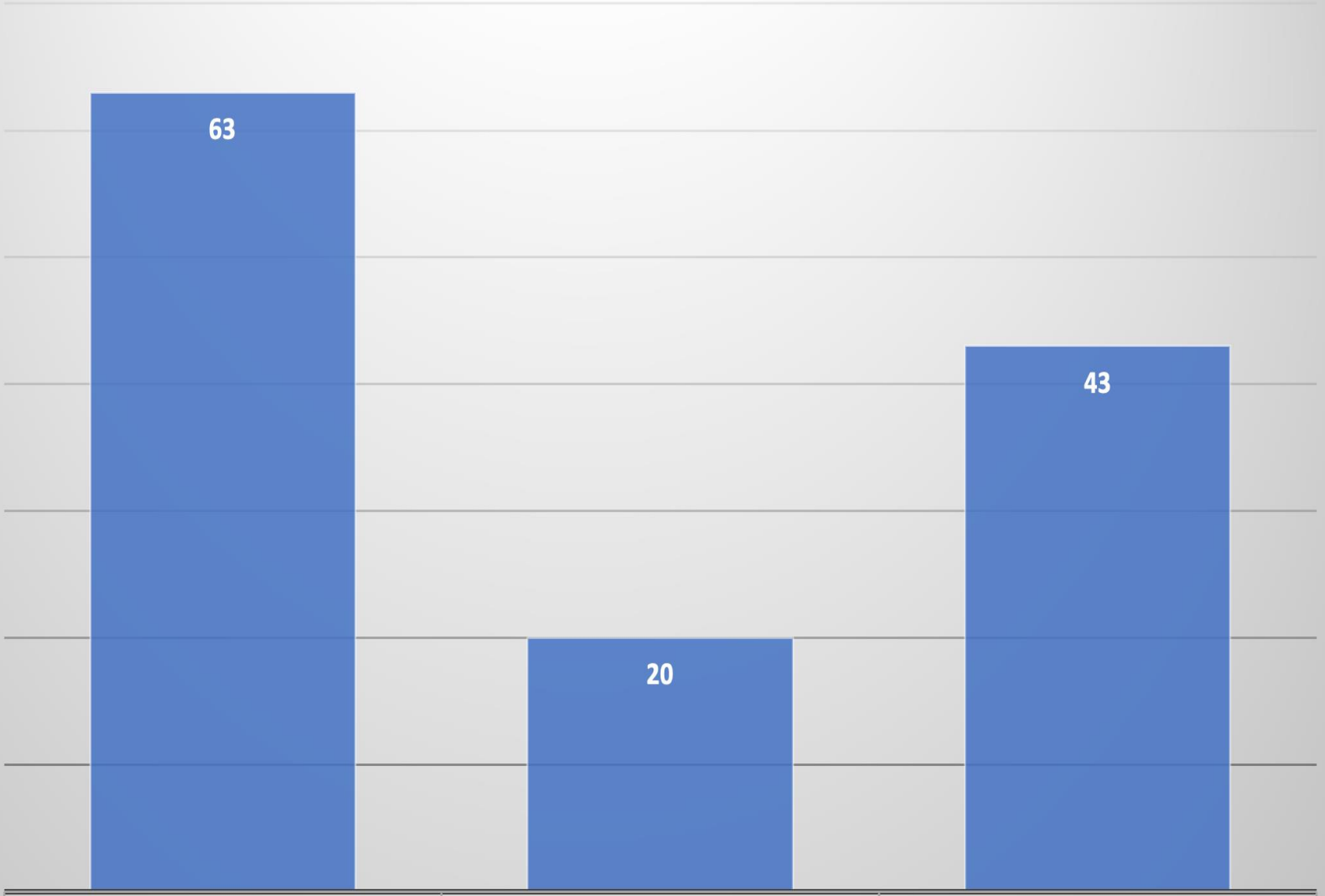
Administered one-on-one

–Individualized test designed for students to show what they know and can do

– Adaptive Test

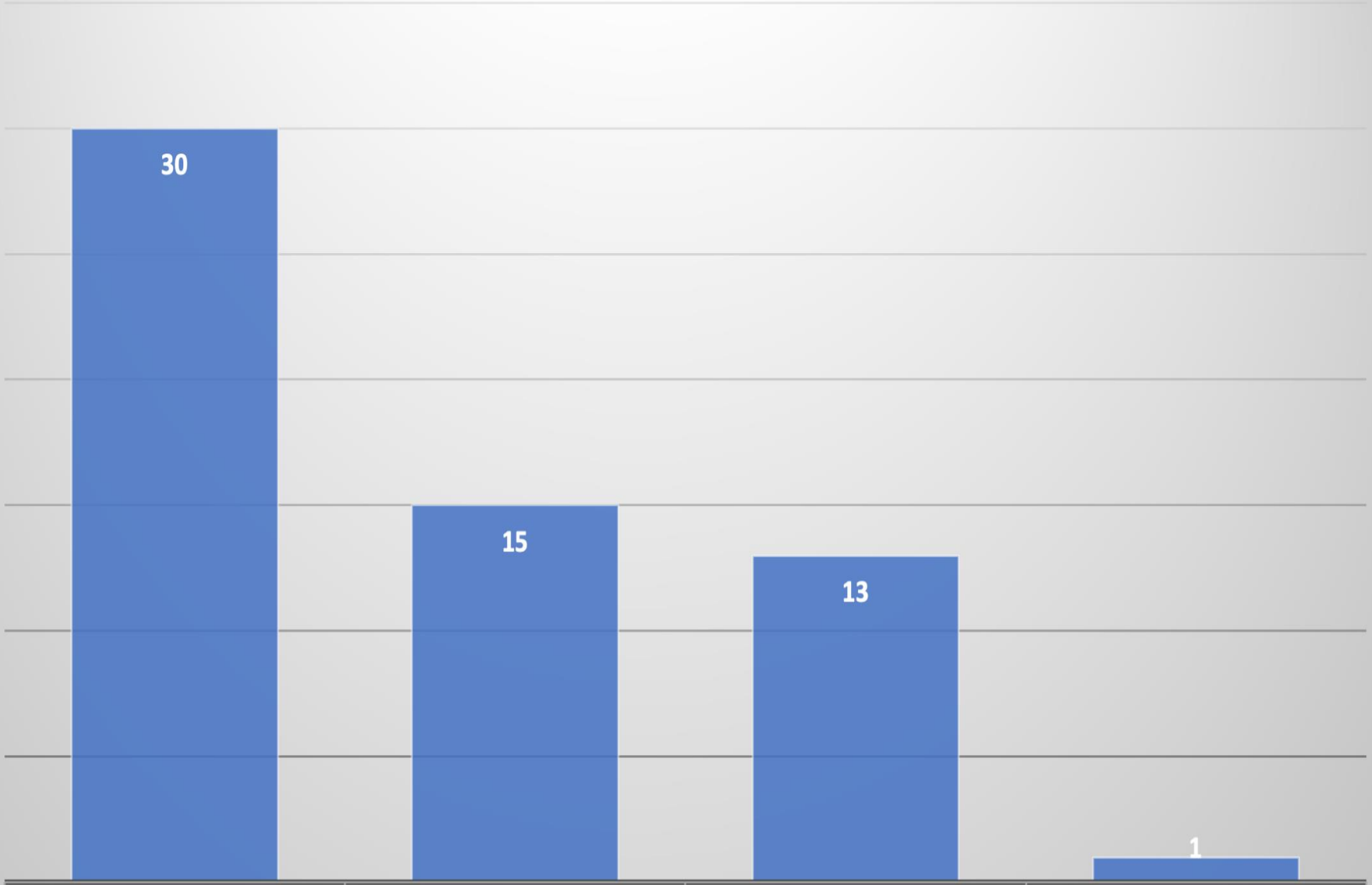
Assessment given in chunks called testlets for sustainable student engagement

Number of Students Who Took DLM



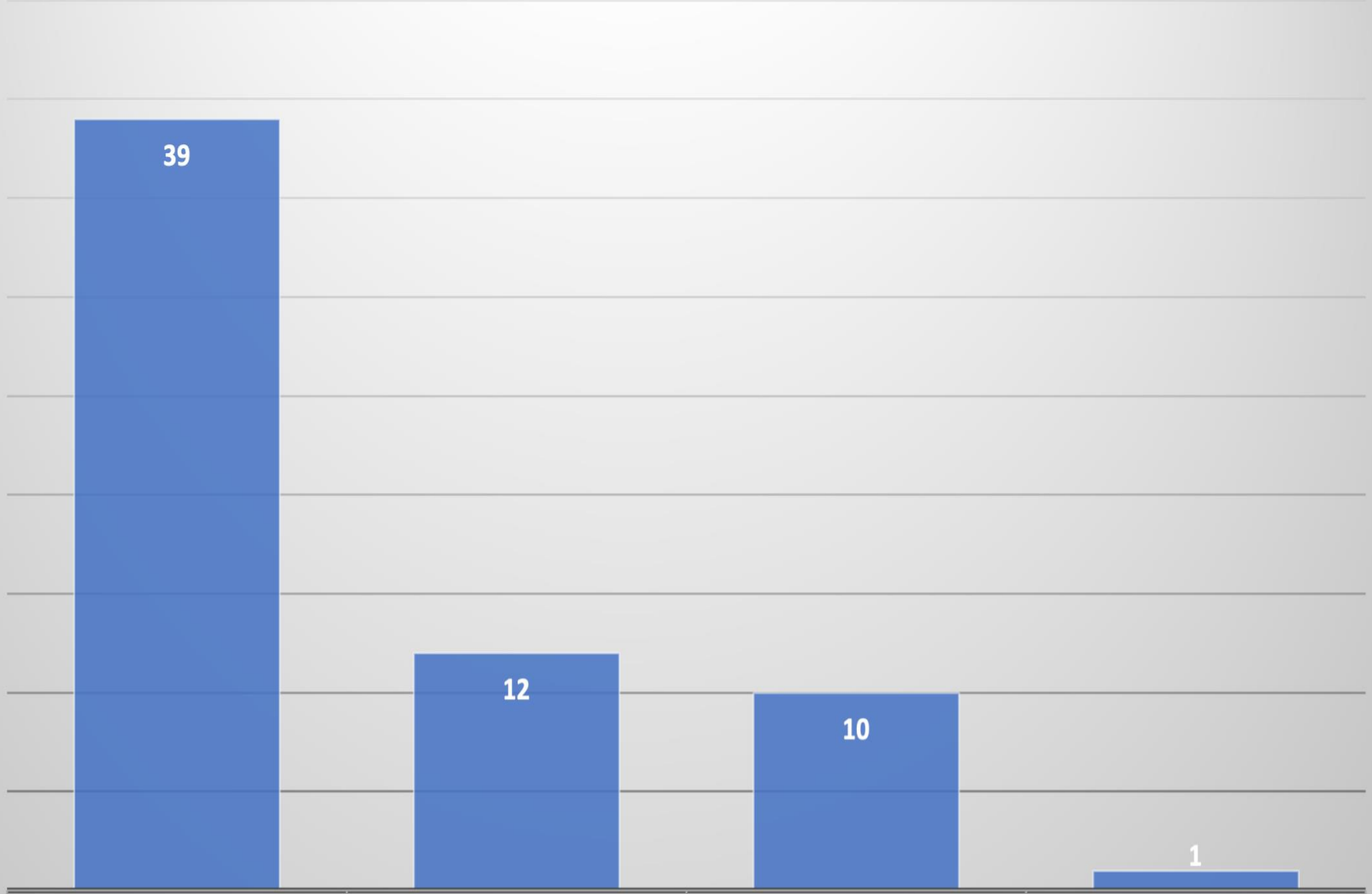
	Total	In-District	Out of District
Students	63	20	43

DLM - ELA (59 students)



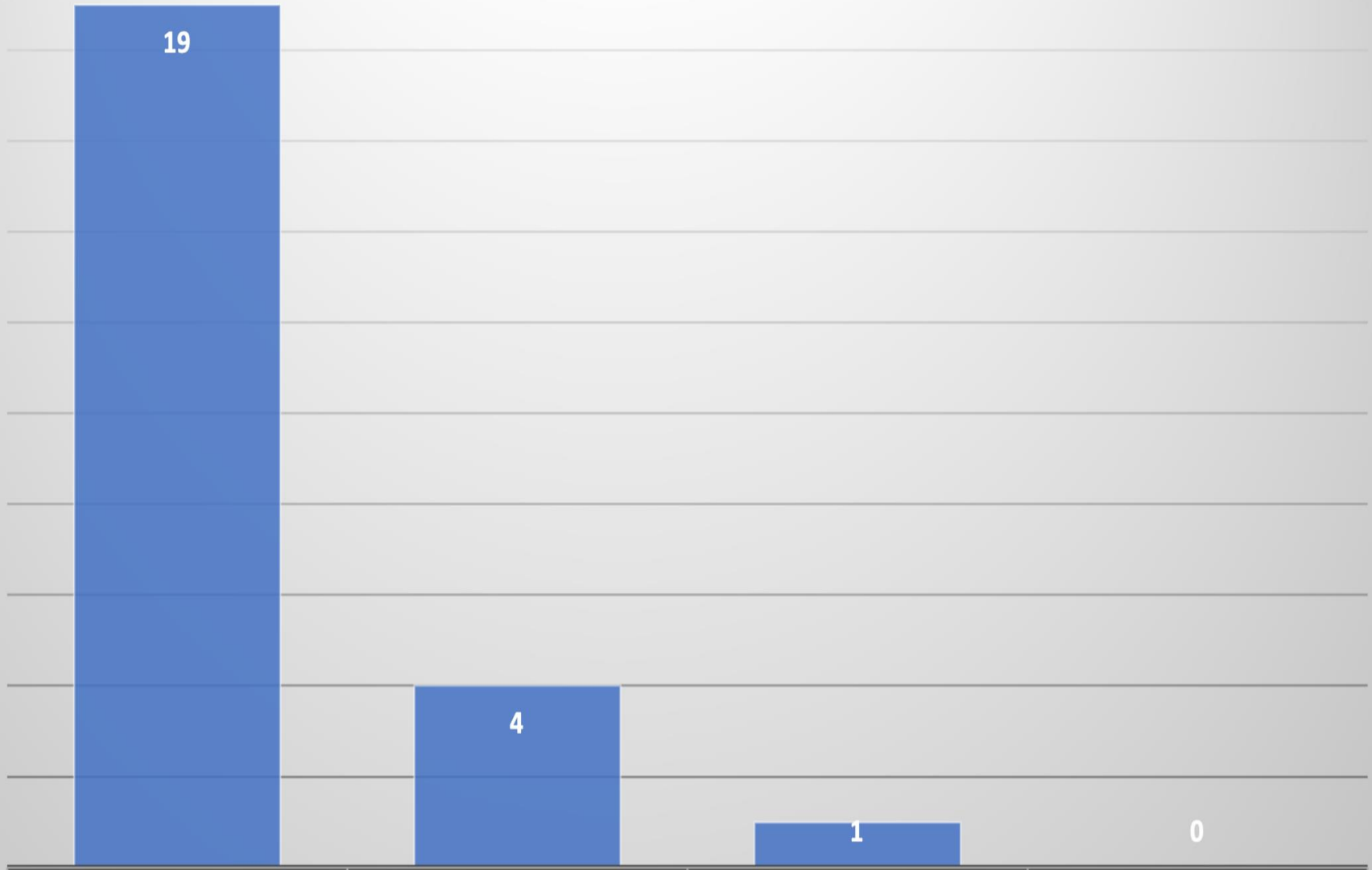
	1-Emerging	2-Approaching	3-At Target	4-Advanced
ELA	30	15	13	1

DLM - Math (62 students)



	1-Emerging	2-Approaching	3-At Target	4-Advanced
Math	39	12	10	1

DLM - Science (24 students)



	1-Emerging	2-Approaching	3-At Target	4-Advanced
Science	19	4	1	0

Intervention Strategies

- Instructional support in classrooms:
  Response to Intervention, Academic Support, Remedial Reading, Instructional Coaches
- Classroom Embedded Teaching, Science Initiative “Learning Science” Grades 5 & 8
- Student Goal Setting Sessions
- Departmentalization in Grades 3-5
- Content Specific Professional Development; including Science: 3-Tiered Approach
- Professional Development Learning and Turnkey Training
- Review of 2023 NJSLS Standards
- Instructional Leadership Teams: data analysis, teacher pedagogy and best practices
- Before and Afterschool Supplemental Programs
- Tutoring and Enrichment Programs
- Parent Involvement

Questions