NJSLA Results Presentation Spring 2023 Administration

Cherry Hill Public Schools

October 17, 2023

New Jersey Student Learning Assessment for English Language Arts (NJSLA-ELA), Mathematics (NJSLA-M), and Science (NJSLA-S)

- Participation is required by federal and state law for all students in grades 3-8 and high school to ensure they have access to a high-quality education.
- Measures how well students meet the New Jersey Student Learning Standards (NJSLS).
- Identifies areas of curricular strength along with opportunities for improvement in each of the tested content areas.
- This presentation compares NJSLA 2022 results to NJSLA 2023 results.

NJSLA ELA/Mathematics
Five Performance Levels

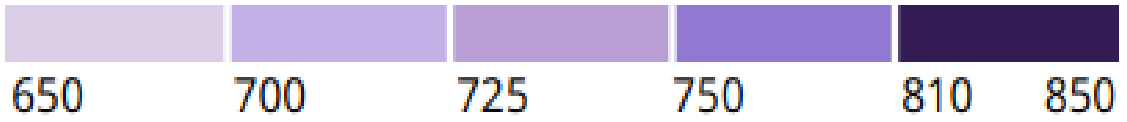
Level 5 Exceeded Expectations

Level 4 Met Expectations

Level 3 Approached Expectations

Level 2 Partially Met Expectations

Level 1 Did Not Yet Meet Expectations



NJSLA Science
Four Performance Levels

Level 4 (231 – 300) Advanced Proficiency

Level 3 (200 – 230) Proficient

Level 2 (150 – 199) Near Proficiency

Level 1 (100 – 149) Below Proficient

Comparison of Cherry Hill's Spring 2022 and 2023 NJSLA Administrations English Language Arts – Percentages

Grade (Number of students Tested in 2023)	Level 1 2022	Level 1 2023	Level 2 2022	Level 2 2023	Level 3 2022	Level 3 2023	Level 4 2022	Level 4 2023	Level 5 2022	Level 5 2023	Change in Level 1 and Level 2 from 2022 to 2023	Change in Level 4 and Level 5 from 2022 to 2023
3 (797)	13.2	9.8	10.5	9.7	20.4	21.3	44.8	51.2	11.2	8.0	-4.2	3.2
4 (677)	6.7	6.9	6.8	8.9	16.0	20.2	45.4	39.7	25.1	24.2	2.3	-6.6
5 (793)	3.3	4.3	7.2	7.6	19.4	16.6	54.2	53.7	16.0	17.8	1.4	1.3
6 (738)	6.1	6.9	14.0	10.0	31.0	27.8	43.5	45.7	5.5	9.6	-3.1	6.3
7 (822)	9.5	5.4	13.7	11.4	23.9	20.7	38.8	37.5	14.1	25.1	-6.4	9.6
8 (816)	12.8	8.2	10.2	10.2	22.0	18.0	42.0	45.2	13.0	18.4	-4.7	8.7
9 (847)	4.9	10.3	8.8	10.6	21.6	17.7	42.6	41.4	22.1	20.0	7.1	-3.3

Notes: Percentages may not total 100 due to rounding.

Green highlighting indicates a positive change for Performance Levels 1 & 2 and 4 & 5 in 2023.

Comparison of Cherry Hill's Spring 2022 and 2023 NJSLA Administrations Mathematics – Percentages

Grade (Number of students Tested in 2023)	Level 1 2022	Level 1 2023	Level 2 2022	Level 2 2023	Level 3 2022	Level 3 2023	Level 4 2022	Level 4 2023	Level 5 2022	Level 5 2023	Change in Level 1 and Level 2 from 2022 to 2023	Change in Level 4 and Level 5 from 2022 to 2023
3 (806)	7.6	4.5	12.8	10.2	19.1	23.3	42.9	43.7	17.6	18.4	-5.8	1.5
4 (682)	7.1	7.2	14.0	14.8	23.3	23.0	44.1	45.0	11.5	10.0	0.8	-0.6
5 (800)	8.1	4.8	15.7	16.6	29.4	22.6	37.2	41.5	9.7	14.5	-2.4	9.1
6 (740)	6.7	8.5	23.5	15.8	33.7	30.7	32.1	35.8	4.1	9.2	-5.8	8.8
7 * (713)	5.0	8.8	16.0	15.4	33.3	36.0	41.4	36.5	4.3	3.2	3.2	-6.0
8 * (412)	39.8	27.2	32.8	26.5	18.7	24.8	8.7	20.9	*	0.7	-18.9	12.9
Algebra 1 (771)	11.6	10.2	21.7	20.5	28.9	18.8	35.5	40.2	2.2	10.2	-2.6	12.7
Geometry (457)	3.6	5.9	23.1	20.1	34.9	39.4	35.8	28.9	2.7	5.7	-0.6	-3.9
Algebra 2 (116)	*	*	*	8.6	*	22.4	77.3	61.2	*	*	*	*

Green highlighting indicates a positive change for Performance Levels 1 &2 and 4 & 5 in 2023.

Notes: *Some students in grades 7 and 8 participated in the NJSLA Algebra I or Geometry assessment in place of the 7th or 8th grade math assessments. The NJSLA Math 7 and Math 8 outcomes are not representative of grades 7 and 8 performance as a whole. Percentages may not total 100 due to rounding.

Comparison of Cherry Hill's Spring 2022 and 2023 NJSLA Administrations Science – Percentages

Grade (Number of students Tested in 2023)	Level 1 2022	Level 1 2023	Level 2 2022	Level 2 2023	Level 3 2022	Level 3 2023	Level 4 2022	Level 4 2023	Change in Level 1 and Level 2 from 2022 to 2023	Change in Level 3 and Level 4 from 2022 to 2023
5 (799)	30.6	29.4	35.2	37.8	23.5	27.8	10.7	5.0	1.4	-1.4
8 (811)	30.5	27.4	49.8	47.6	15.8	18.2	3.9	6.8	-5.4	5.4
11 (665)	32.0	31.3	26.3	32.6	27.6	26.5	14.1	9.6	5.6	-5.6

Notes: Percentages may not total 100 due to rounding.

Green highlighting indicates a positive change for Performance Levels 1, 2, 3 and 4 in 2023.

Comparison of Cherry Hill's Spring 2022 and 2023 NJSLA Administrations English Language Arts – Percentages

Grade	% Changes in Levels 1 and 2 Cherry Hill	% Changes in Levels 1 and 2 State	% Changes in Levels 4 and 5 Cherry Hill	% Changes in Levels 4 and 5 State
3	-4.2 %	+0.0 %	3.2 %	-0.4 %
4	2.3 %	-1.3 %	-6.6 %	+1.9 %
5	1.4 %	-0.8 %	1.3 %	+3.6 %
6	-3.1 %	+0.2 %	6.3 %	+1.4 %
7	-6.4 %	-1.4 %	9.6 %	+3.0 %
8	-4.7 %	-3.0 %	8.7 %	+3.9 %
9*	7.1 %	+2.3 %	-3.3 %	+3.2 %

Green highlighting indicates the district out-performed the state.

Comparison of Cherry Hill's Spring 2022 and 2023 NJSLA Administrations Mathematics– Percentages

Note: Students in grade 8 participated in the NJSLA Algebra I assessment instead of the 8th Grade math assessment. The NJSLA Math 8 outcomes are not representative of Grade 8 performance as a whole.

Grade	% Changes in Levels 1 and 2 Cherry Hill	% Changes in Level 1 and Level 2 State	% Changes in Levels 4 and 5 Cherry Hill	% Changes in Levels 4 and 5 State
3	-5.8 %	**-2.4 %**	1.5 %	**+0.5 %**
4	0.8 %	**-4.8 %**	-0.6 %	**+4.9 %**
5	-2.4 %	**-3.6 %**	9.1 %	**+4.1 %**
6	-5.8 %	**-2.8 %**	8.8 %	**+3.0 %**
7	3.2 %	**+1.0 %**	-6.0 %	**-0.2 %**
8	-18.9%	**-1.5 %**	12.9 %	**+2.4 %**
Algebra 1	-2.6 %	**+1.3 %**	12.7 %	**+0.1 %**
Geometry	-0.6 %	**-5.6 %**	-3.9 %	**+6.4 %**
Algebra 2	*	**-1.5 %**	-18.1 %	**+3.8 %**

Green highlighting indicates the district out-performed the state.

Comparison of Cherry Hill's Spring 2022 and 2023 NJSLA Administrations Science – Percentages

Grade	% Changes in Levels 1 and 2 Cherry Hill	Change in Level 1 and Level 2 from 2022 to 2023 State	% Changes in Levels 3 and 4 Cherry Hill	Change in Level 3 and Level 4 from 2022 to 2023 State
5	1.4 %	-1.3%	-1.4 %	+1.2%
8	-5.4 %	-2.9%	5.4 %	+3.0%
11	5.6 %	-0.8%	-5.6 %	+1.0%

Green highlighting indicates the district out-performed the state.

Comparison of Cherry Hill's Student Tested Spring 2022 and 2023 NJSLA Administrations English Language Arts – Percentages

Number of Students Tested

Grade	2022	2023	Difference
3	98.1 % (668)	98.5 % (797)	↑ 0.4 %
4	99.5 % (780)	99.0 % (677)	↓ -0.5 %
5	98.6 % (727)	99.2 % (793)	↑ 0.6 %
6	98.6 % (817)	97.7 % (738)	↓ -0.8 %
7	98.4 % (788)	98.6 % (822)	↑ 0.2 %
8	96.8 % (841)	98.2 % (816)	↑ 1.4 %
9*	96.6 % (829)	97.0 % (847)	↑ 0.4 %

Comparison of Cherry Hill's Student Tested Spring 2022 and 2023 NJSLA Administrations Mathematics– Percentages

Number of Students Tested

Grade	2022	2023	Difference
3	98.7 % (671)	98.9 % (806)	0.2 %
4	99.0 % (785)	98.8 % (682)	-0.2 %
5	98.5 % (732)	99.5 % (800)	1.0 %
6	98.3 % (823)	97.5 % (740)	-0.8 %
7 *	98.1 % (723)	98.5 % (713)	0.4 %
8 *	94.0 % (299)	96.5 % (412)	2.5 %
Algebra 1	95.7 % (802)	98.5 % (771)	2.8 %
Geometry	97.9 % (559)	96.4 % (457)	-1.5 %
Algebra 2	100.0 % (75)	98.3 % (116)	-1.7 %

Notes: *Some students in grades 7 and 8 participated in the NJSLA Algebra I or Geometry assessment in place of the 7th or 8th grade math assessments. The NJSLA Math 7 and Math 8 outcomes are not representative of grades 7 and 8 performance as a whole.

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

Number of Students Tested

Grade	2022	2023	Difference
5	98.8 % (732)	98.9 % (799)	↑ 0.1
8	94.7 % (829)	96.7 % (811)	↑ 1.9
11	84.5 % (718)	75.5 % (665)	↓ -9.0

Comparison of Cherry Hill'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 District	Level 1 2022 State	Level 1 2023 District	Level 1 2023 State	Level 2 2022 District	Level 2 2022 State	Level 2 2023 District	Level 2 2023 State
3	13.2	20.1	9.8	20.7	10.5	15.5	9.7	14.9
4	6.7	14.4	6.9	12.8	6.8	14.3	8.9	14.6
5	3.3	12.5	4.3	12.3	7.2	14.7	7.6	14.1
6	6.1	10.6	6.9	12.0	14.0	15.6	10.0	14.4
7	9.5	12.3	5.4	11.7	13.7	13.5	11.4	12.7
8	12.8	14.3	8.2	12.9	10.2	13.2	10.2	11.6
9*	4.9	11.8	10.3	14.8	8.8	15.6	10.6	14.9

Green highlighting indicates the district out-performed the state.

Comparison of Cherry Hill'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 District	Level 3 2022 State	Level 3 2023 District	Level 3 2023 State	Level 4 2022 District	Level 4 2022 State	Level 4 2023 District	Level 4 2023 State
3	20.4	22.0	21.3	22.5	44.8	36.2	51.2	36.7
4	16.0	21.9	20.2	21.3	45.4	35.3	39.7	36.5
5	19.4	23.2	16.6	20.3	54.2	40.4	53.7	43.3
6	31.0	26.3	27.8	24.6	43.5	37.4	45.7	37.6
7	23.9	21.5	20.7	19.9	38.8	31.4	37.5	32.5
8	22.0	21.2	18.0	20.1	42.0	35.8	45.2	35.8
9*	21.6	23.6	17.7	18.2	42.6	36.5	41.4	36.8

Green highlighting indicates the district out-performed the state.

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

Level 5: Exceeding Expectations

Grade	Level 5 2022 District	Level 5 2022 State	Level 5 2023 District	Level 5 2023 State
3	11.2	6.2	8.0	5.3
4	25.1	14.1	24.2	14.8
5	16.0	9.2	17.8	9.9
6	5.5	10.2	9.6	11.4
7	14.1	21.3	25.1	23.2
8	13.0	15.6	18.4	19.5
9*	22.1	12.4	20.0	15.3

Green highlighting indicates the district out-performed the state.

Comparison of Cherry Hill'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 District	Level 1 2022 State	Level 1 2023 District	Level 1 2023 State	Level 2 2022 District	Level 2 2022 State	Level 2 2023 District	Level 2 2023 State
3	7.6	13.3	4.5	12.5	12.8	18.3	10.2	16.7
4	7.1	13.1	7.2	13.1	14.0	22.6	14.8	17.8
5	8.1	15.1	4.8	13.1	15.7	23.0	16.6	21.4
6	6.7	15.3	8.5	14.2	23.5	24.9	15.8	23.2
7	5.0	10.9	8.8	12.7	16.0	23.6	15.4	22.8
8	39.8	30.4	27.2	33.9	32.8	31.9	26.5	26.9
Algebra 1	11.6	17.7	10.2	15.8	21.7	22.6	20.5	25.8
Geometry	3.6	6.4	5.9	5.3	23.1	18.3	20.1	13.8
Algebra 2	*	10.2	*	10.6	*	13.1	8.6	11.2

Green highlighting indicates the district out-performed the state.

Comparison of Cherry Hill'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 District	Level 3 2022 State	Level 3 2023 District	Level 3 2023 State	Level 4 2022 District	Level 4 2022 State	Level 4 2023 District	Level 4 2023 State
3	19.1	23.0	23.3	24.8	42.9	32.8	43.7	34.0
4	23.3	24.8	23.0	24.7	44.1	33.2	45.0	37.2
5	29.4	25.9	22.6	25.5	37.2	28.9	41.5	31.4
6	33.7	28.5	30.7	28.3	32.1	26.0	35.8	27.7
7	33.3	31.5	36.0	30.7	41.4	28.9	36.5	29.0
8	18.7	22.3	24.8	21.4	8.7	14.6	20.9	16.7
Algebra 1	28.9	24.7	18.8	23.2	35.5	32.1	40.2	29.8
Geometry	34.9	30.5	39.4	29.7	35.8	38.5	28.9	41.7
Algebra 2	*	18.9	22.4	16.6	77.3	49.2	61.2	50.6

For Level 4 only, green highlighting indicates the district out-performed the state.

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

Level 5: Exceeding Expectations

Grade	Level 5 2022 District	Level 5 2022 State	Level 5 2023 District	Level 5 2023 State
3	17.6	12.6	18.4	11.9
4	11.5	6.2	10.0	7.1
5	9.7	7.1	14.5	8.7
6	4.1	5.3	9.2	6.6
7	4.3	5.1	3.2	4.8
8	0.0	0.8	0.7	1.1
Algebra 1	2.2	2.9	10.2	5.3
Geometry	2.7	6.3	5.7	9.5
Algebra 2	*	8.7	*	11.1

Green highlighting indicates the district out-performed the state.

Comparison of Cherry Hill'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 District	Level 1 2022 State	Level 1 2023 District	Level 1 2023 State	Level 2 2022 District	Level 2 2022 State	Level 2 2023 District	Level 2 2023 State
5	30.6	41.6	29.4	38.4	35.2	32.9	37.8	34.8
8	30.5	40.9	27.4	40.0	49.8	43.5	47.6	41.5
11	32.0	46.2	31.3	43.8	26.3	24.8	32.6	26.4

Note: Percentages may not total 100 due to rounding.

For Level 1 only, green highlighting indicates the district out-performed the state.

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

- Level 3: Proficient
- Level 4: Advanced Proficiency

Grade	Level 3 2022 District	Level 3 2022 State	Level 3 2023 District	Level 3 2023 State	Level 4 2022 District	Level 4 2022 State	Level 4 2023 District	Level 4 2023 State
5	23.5	18.2	27.8	21.1	10.7	7.4	5.0	5.7
8	15.8	12.0	18.2	14.2	3.9	3.6	6.8	4.4
11	27.6	20.5	26.5	21.6	14.1	8.4	9.6	8.3

Note: Percentages may not total 100 due to rounding.

Green highlighting indicates the district out-performed the state.

Spring 2022 & Spring 2023
English Language Arts/Literacy Percentages

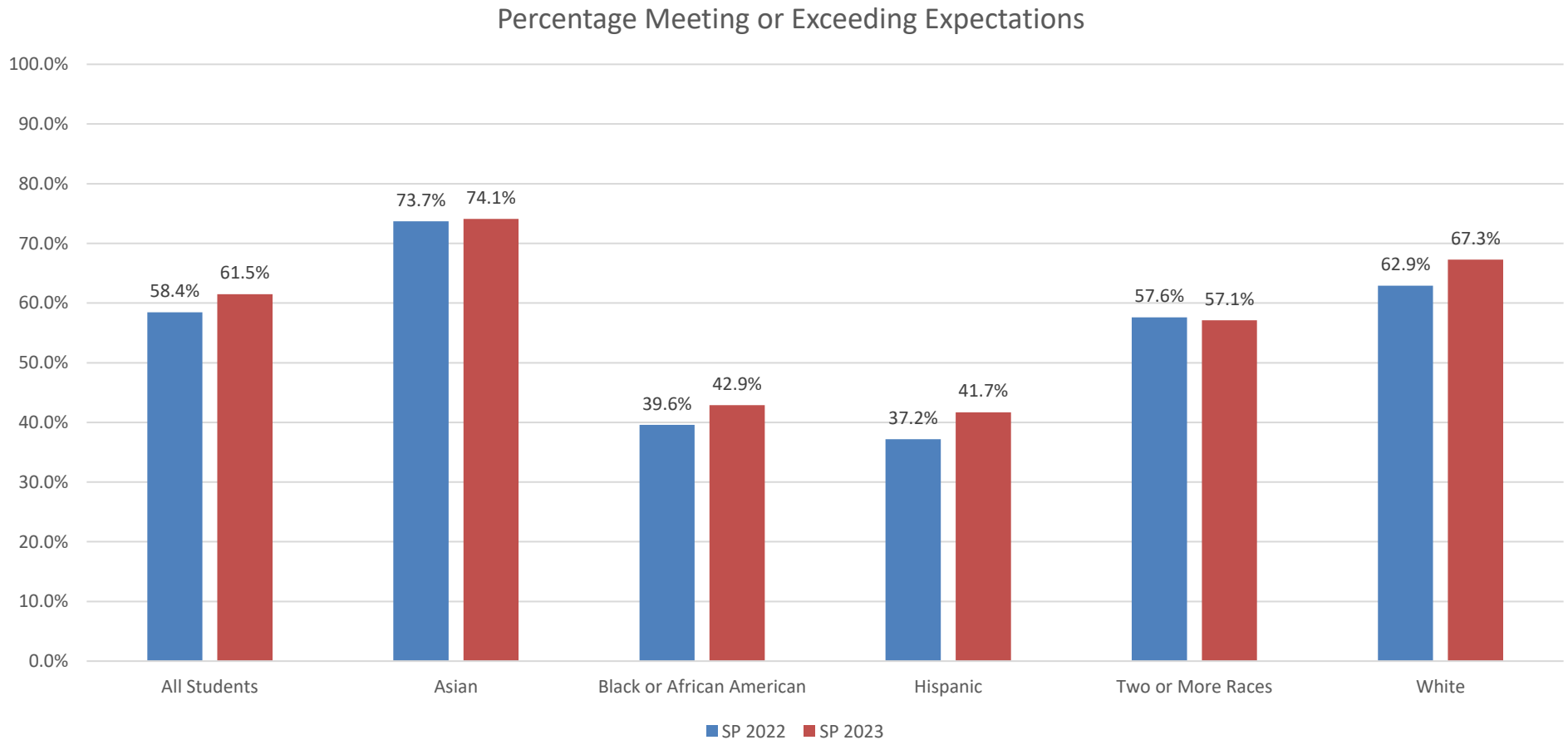
Comparison of Cherry Hill Subgroups

	Did Not Yet Meet Expectations (Level 1)		Partially Met Expectations (Level 2)		Approached Expectations (Level 3)		Met Expectations (Level 4)		Exceeded Expectations (Level 5)	
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
Asian	4.3%	4.6%	5.0%	4.9%	16.5%	15.6%	48.7%	48.0%	25.5%	27.0%
Black or African American	13.9%	13.9%	17.9%	16.8%	27.4%	25.3%	34.4%	35.3%	6.4%	8.6%
Hispanic	18.1%	15.4%	16.2%	16.4%	27.9%	25.7%	31.5%	35.3%	6.3%	7.2%
White	5.1%	4.6%	9.1%	8.0%	21.4%	19.0%	48.4%	49.1%	15.9%	19.2%
Two or More Races	10.5%	8.6%	7.7%	9.9%	22.6%	22.5%	41.5%	41.4%	17.8%	17.5%

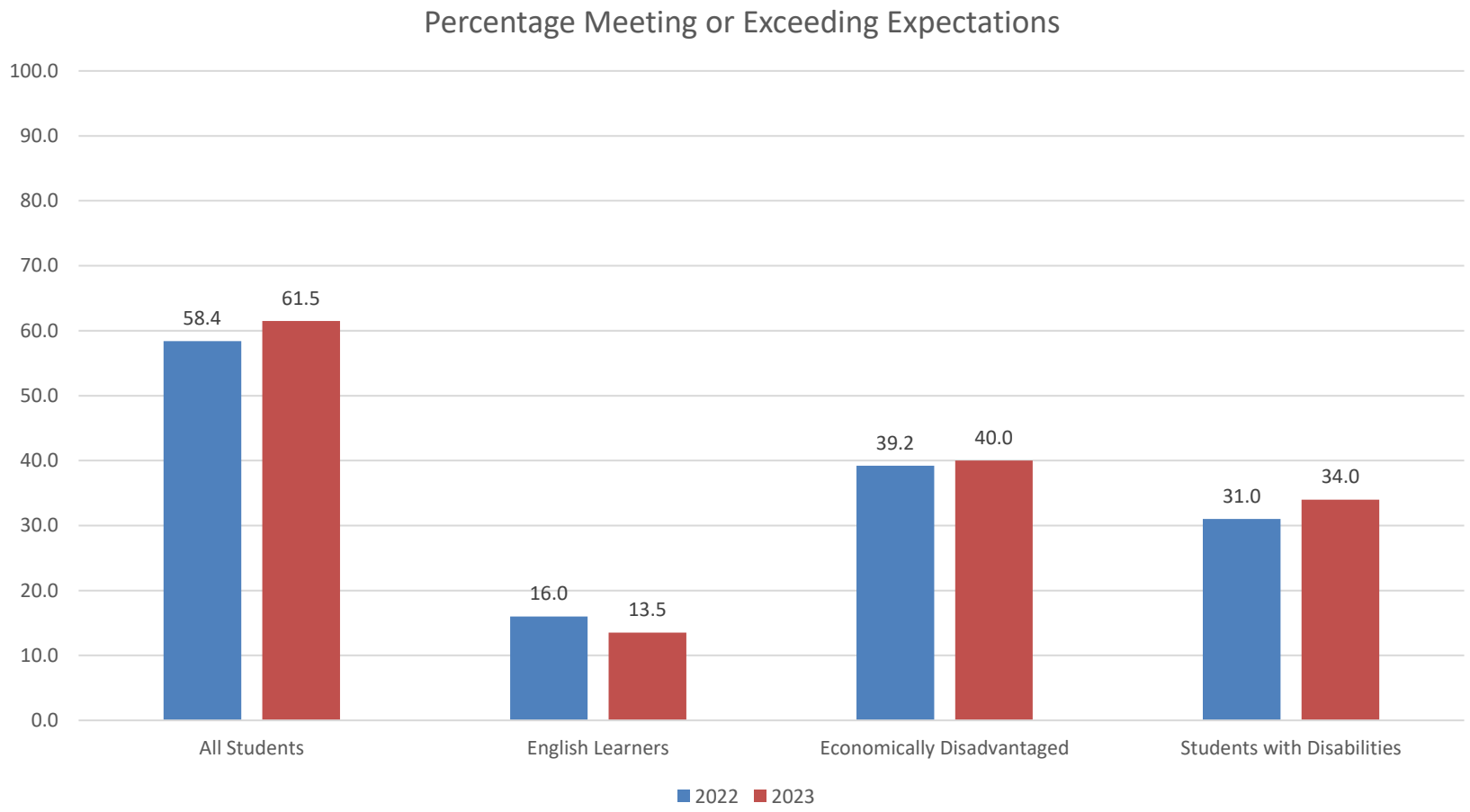
Green highlighting indicates a positive change for Performance Levels 1 &2 and 4 & 5 in 2023.

Spring 2022 & Spring 2023
English Language Arts/Literacy Percentages

Comparison of Cherry Hill Subgroups Meeting or Exceeding Expectations



Comparison of Cherry Hill's Subgroup Spring 2022 and Spring 2023 NJSLA Administration English Language Arts - Percentages



Spring 2022 & Spring 2023 Mathematics Percentages

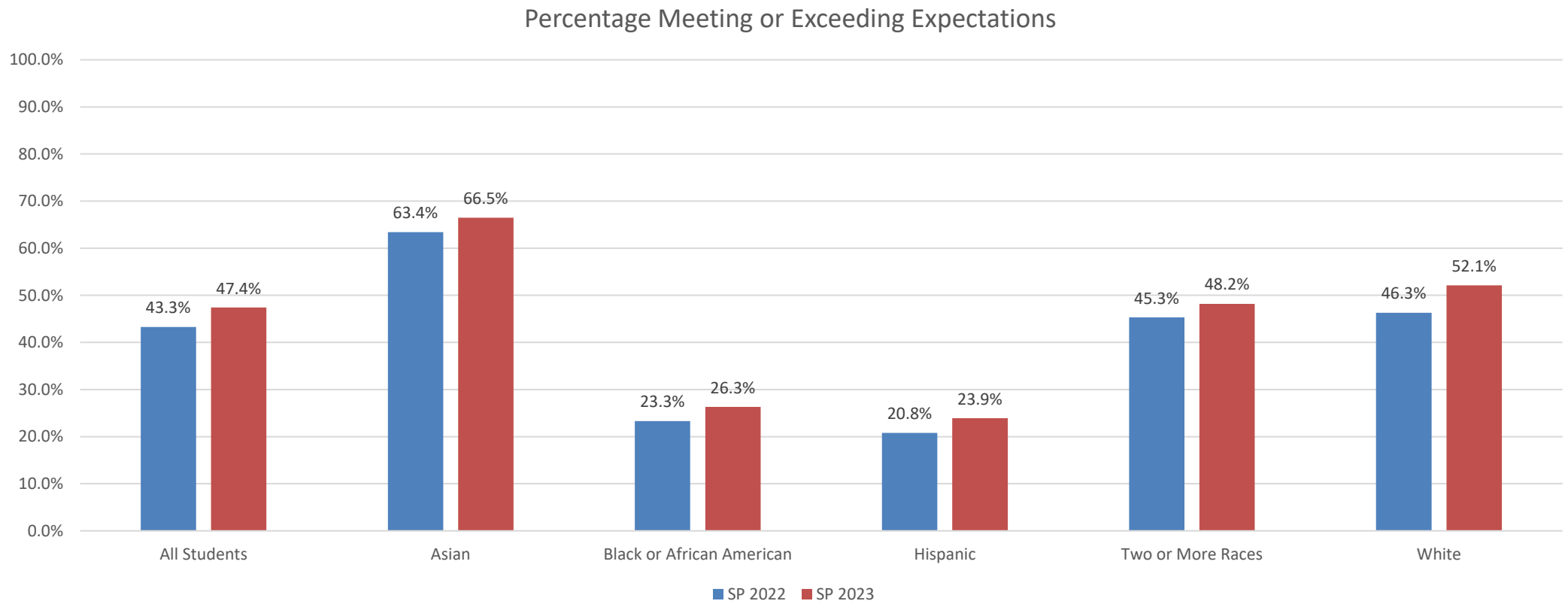
Comparison of Cherry Hill Subgroups

	Did Not Yet Meet Expectations (Level 1)		Partially Met Expectations (Level 2)		Approached Expectations (Level 3)		Met Expectations (Level 4)		Exceeded Expectations (Level 5)	
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
Asian	4.8%	3.5%	9.6%	8.4%	21.7%	21.0%	48.6%	47.5%	15.3%	19.6%
Black or African American	18.3%	18.0%	28.6%	25.6%	29.2%	29.6%	22.6%	23.5%	1.3%	3.3%
Hispanic	9.0%	9.3%	15.4%	15.7%	13.7%	14.2%	9.1%	11.9%	0.9%	0.8%
White	2.9%	2.7%	8.4%	6.8%	15.2%	13.7%	20.4%	21.4%	3.4%	5.1%
Two or More Races	3.6%	5.1%	9.0%	6.7%	13.0%	13.1%	19.2%	20.2%	4.0%	6.1%

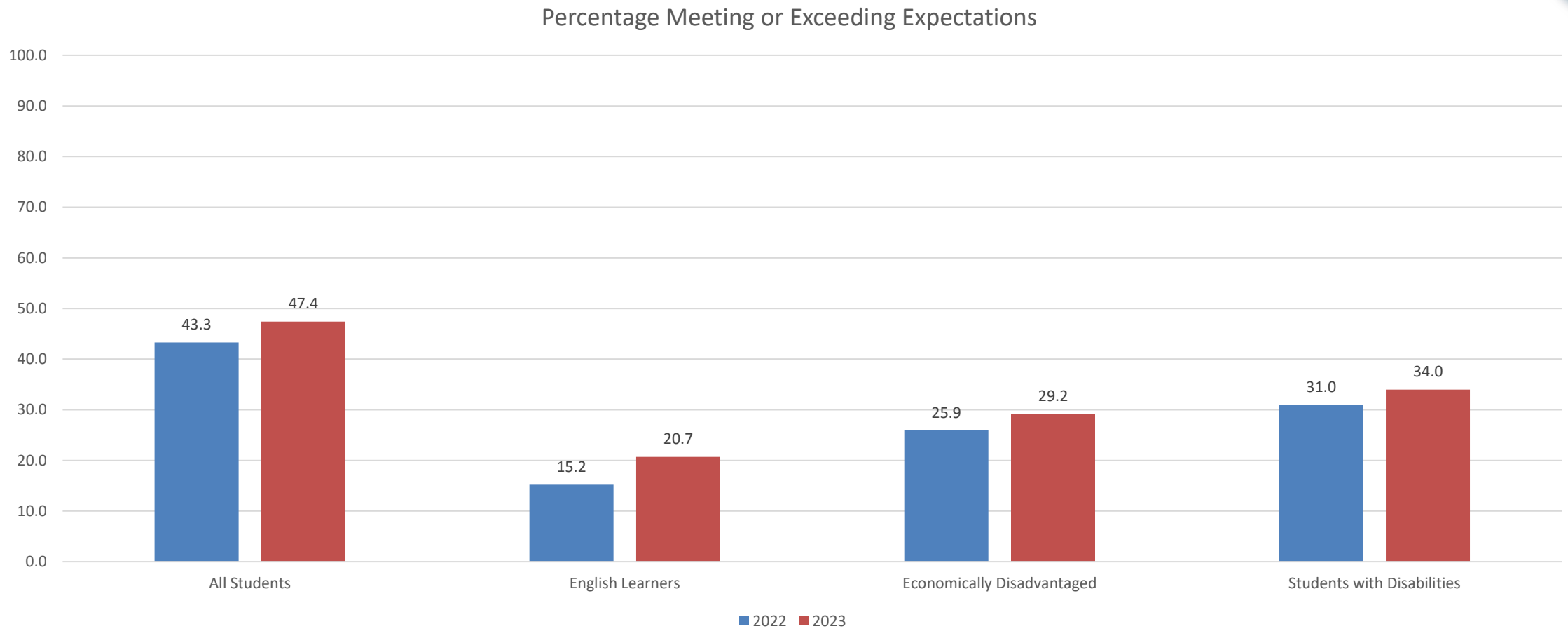
Green highlighting indicates a positive change for Performance Levels 1 &2 and 4 & 5 in 2023.

Spring 2022 & Spring 2023 Mathematics Percentages

Comparison of Cherry Hill Subgroups Meeting or Exceeding Expectations



Comparison of Cherry Hill's Subgroup Spring 2022 and Spring 2023 NJSLA Administration Mathematics - Percentages



Spring 2022 & Spring 2023 Science Percentages

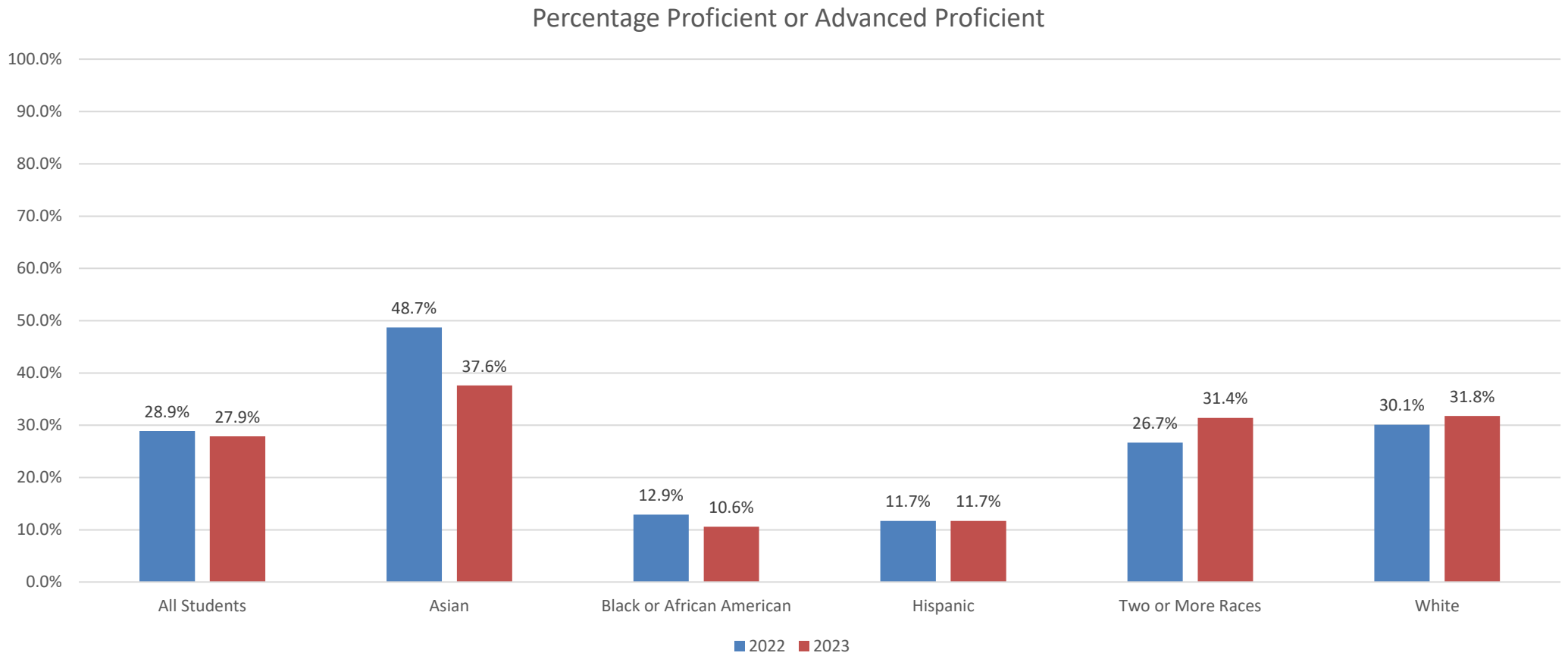
Comparison of Cherry Hill Subgroups

	Below Proficient (Level 1)		Near Proficiency (Level 2)		Proficient (Level 3)		Advanced Proficiency (Level 4)	
	2022	2023	2022	2023	2022	2023	2022	2023
Asian	17.6%	18.0%	32.4%	39.2%	32.6%	31.6%	17.4%	11.1%
Black or African American	52.8%	52.6%	33.8%	35.7%	11.1%	10.7%	*	*
Hispanic	51.7%	48.4%	35.2%	38.6%	11.5%	10.7%	*	*
White	26.4%	23.1%	40.6%	41.8%	23.3%	27.4%	9.8%	7.8%
Two or More Races	30.0%	34.5%	40.8%	30.9%	20.0%	26.4%	9.2%	*

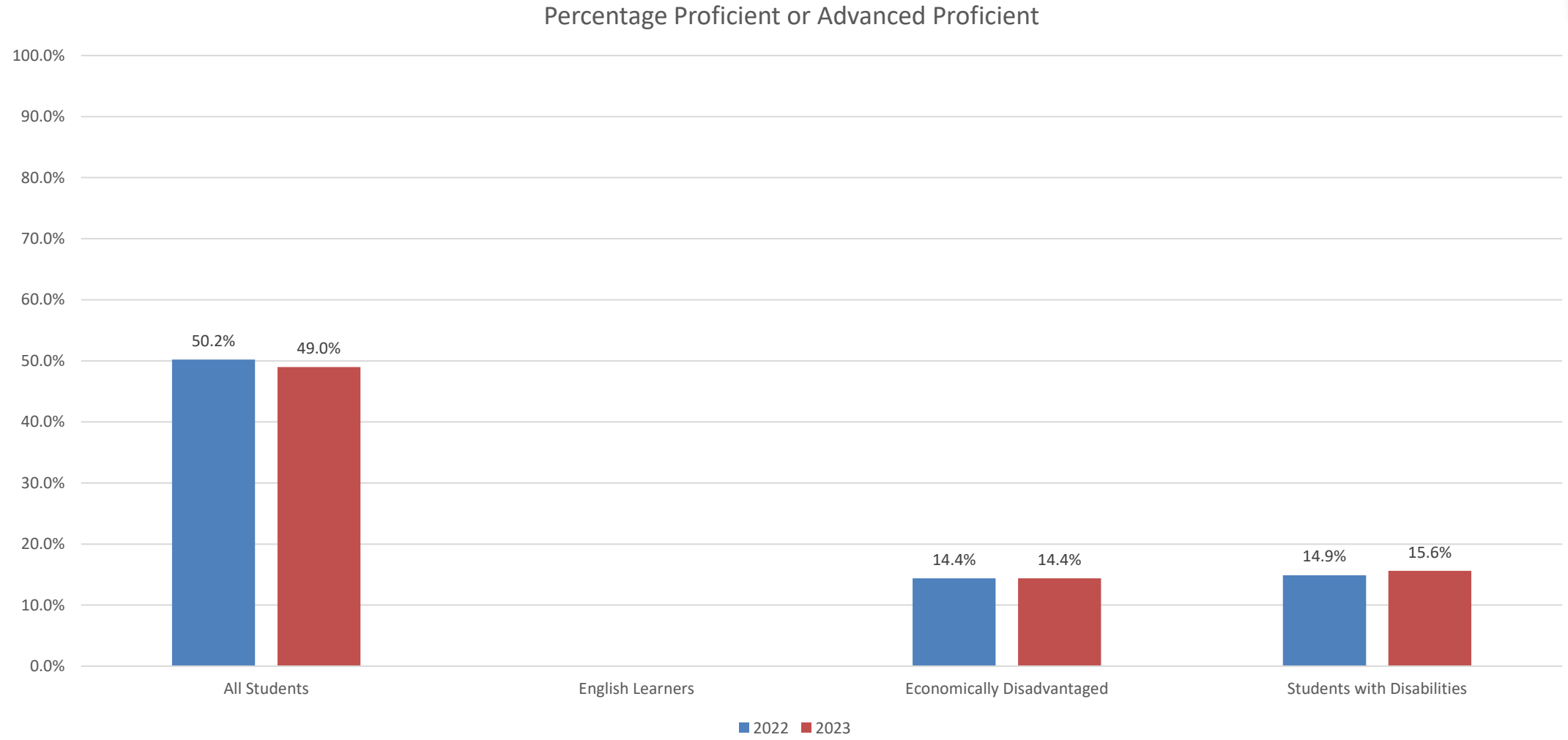
Green highlighting indicates a positive change for Performance Levels 1, 3 & 4 in 2023.

Spring 2022 & Spring 2023 Science Percentages

Comparison of Cherry Hill Subgroups



Comparison of Cherry Hill's Subgroup Spring 2022 and Spring 2023 NJSLA Administration Science - Percentages



Notable Achievements

- Participation in NJSLA Grades 3-9 was over 95% in each grade level with the exception of NJSLA-Science Grade 11.

- As a district we saw an increase in ELA- Reading Informational Standards, which was an instructional goal based upon the Spring 2022 NJSLA results.

- The district average for ELA for students who were meeting expectations (>= Level 4) is above the state average in every Grade (Grades 3-9).

- The district average for Math for students who were meeting expectations (>= Level 4) is above the state average in every grade, except for Geometry.

- The district average for Science for students who were proficient (>= Level 3) is above the state average in every tested Grade (Grades 5, 8, 11).

Intervention Strategies

- **English Language Arts**
  - Using NJSLA data to isolated specific standards and identify where we need to focus instruction
  - The literacy coaches, technology coaches and colleague teachers have begun to meet with PLC groups and individual teachers to provide strategies and instructional resources to address standards that show an area of need.
- **Mathematics**
  - Targeted professional development presented by Great Minds for teachers and administrators
  - Eureka Equip
    - Pre-assessment administered to prior each Mathematics unit of instruction that provides teachers with targeted instructional resources
    - When are these instructional resources provided to our students?
      - Elementary: During I/E
      - Middle School: During the extended block, which takes place every 4 days
      - High School: During Algebra Seminar
- **Science**
  - Using NJSLA data to isolated specific standards and identify where we need to focus instruction, predominantly informational text
  - The literacy coaches, technology coaches and colleague teachers have begun to meet with PLC groups and individual teachers to provide strategies for instruction in this area.

Questions?

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