



Bedford Central School District Student Achievement Report 2024

Presented to the Board of Education

Ms. Amy Fishkin, Assistant Superintendent for Curriculum & Instruction

February 5, 2025

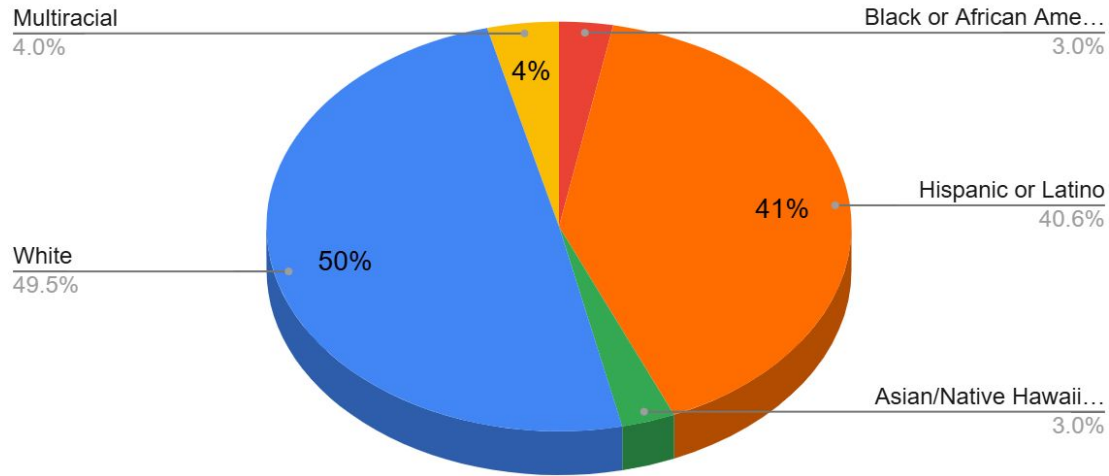
Guiding Questions

Measuring Student Achievement 2024

1. Who are our students?
2. How do our students perform compared to the State, regional districts, and over time?
3. Are there subgroups of students who outperform/underperform others?
4. What trends can we observe in student performance across subgroups and over time?
5. Are grade level cohorts making improvements from year to year?
6. How will we adjust our practices to meet student needs?

Who are Our BCSD Students?

2024 BCSD Ethnicity Demographics



BCSD 2024 Demographics by Ethnicity:

District Enrollment: **3,498**

Ethnicity:

White: 50%

Hispanic: 41%

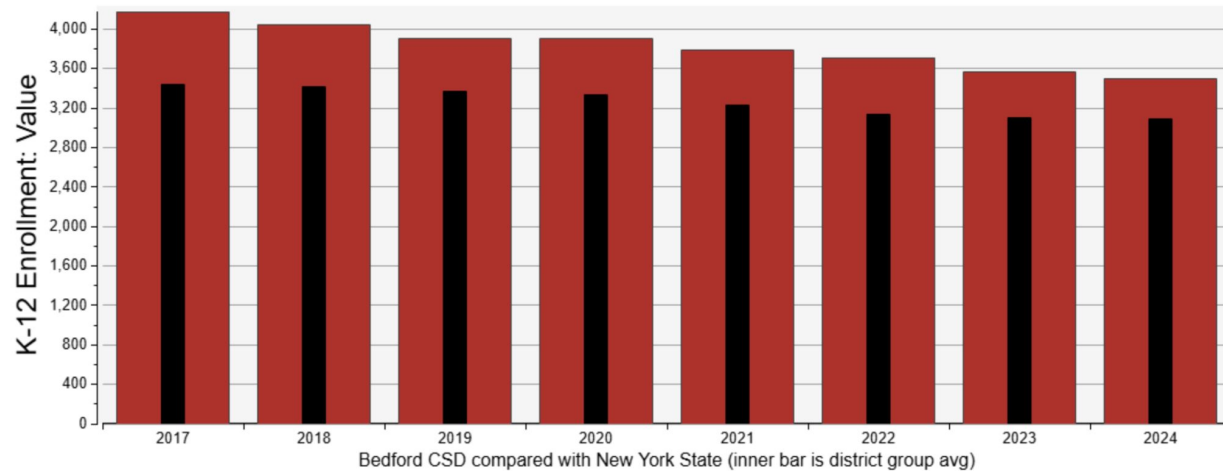
Multiracial: 4%

Black: 3%

Asian: 3%

Source: NYSED School Enrollment Data

K-12 Enrollment Trend

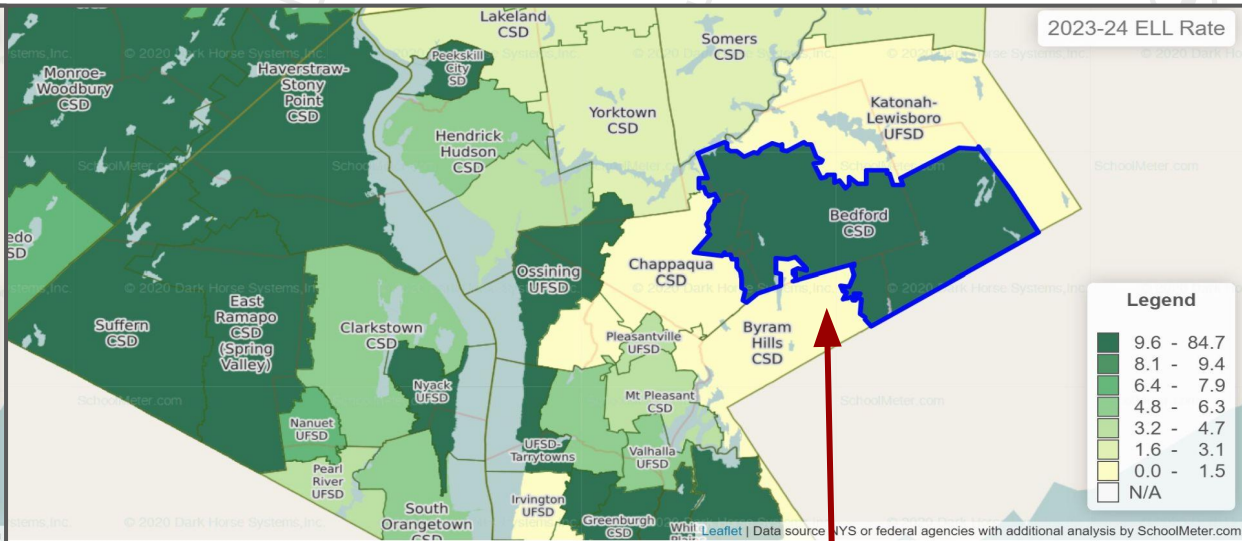
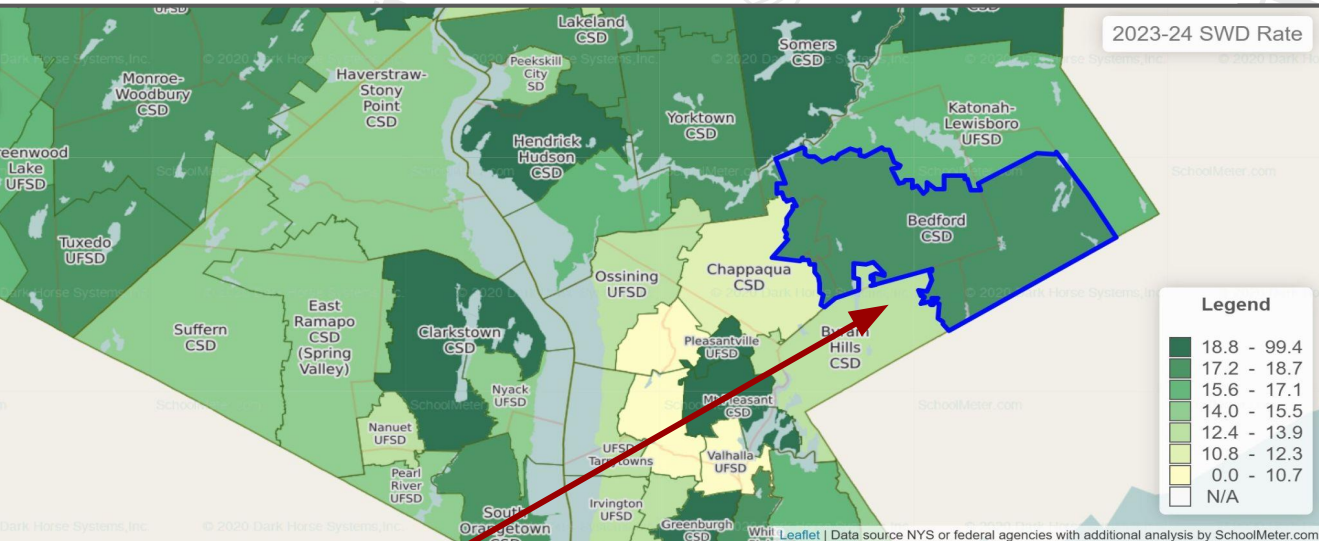


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2017-2024 BCSD Enrollment Trends in Comparison to NYS

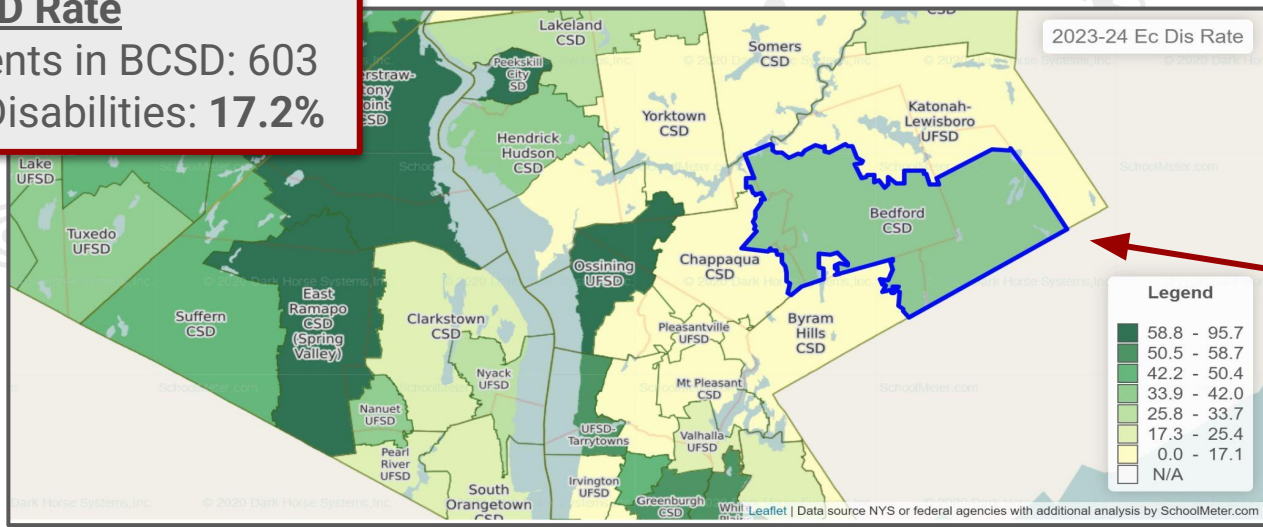
Data source: NYSED with analysis by schoolmeter.com

How Do We Compare to Other PNW Districts?



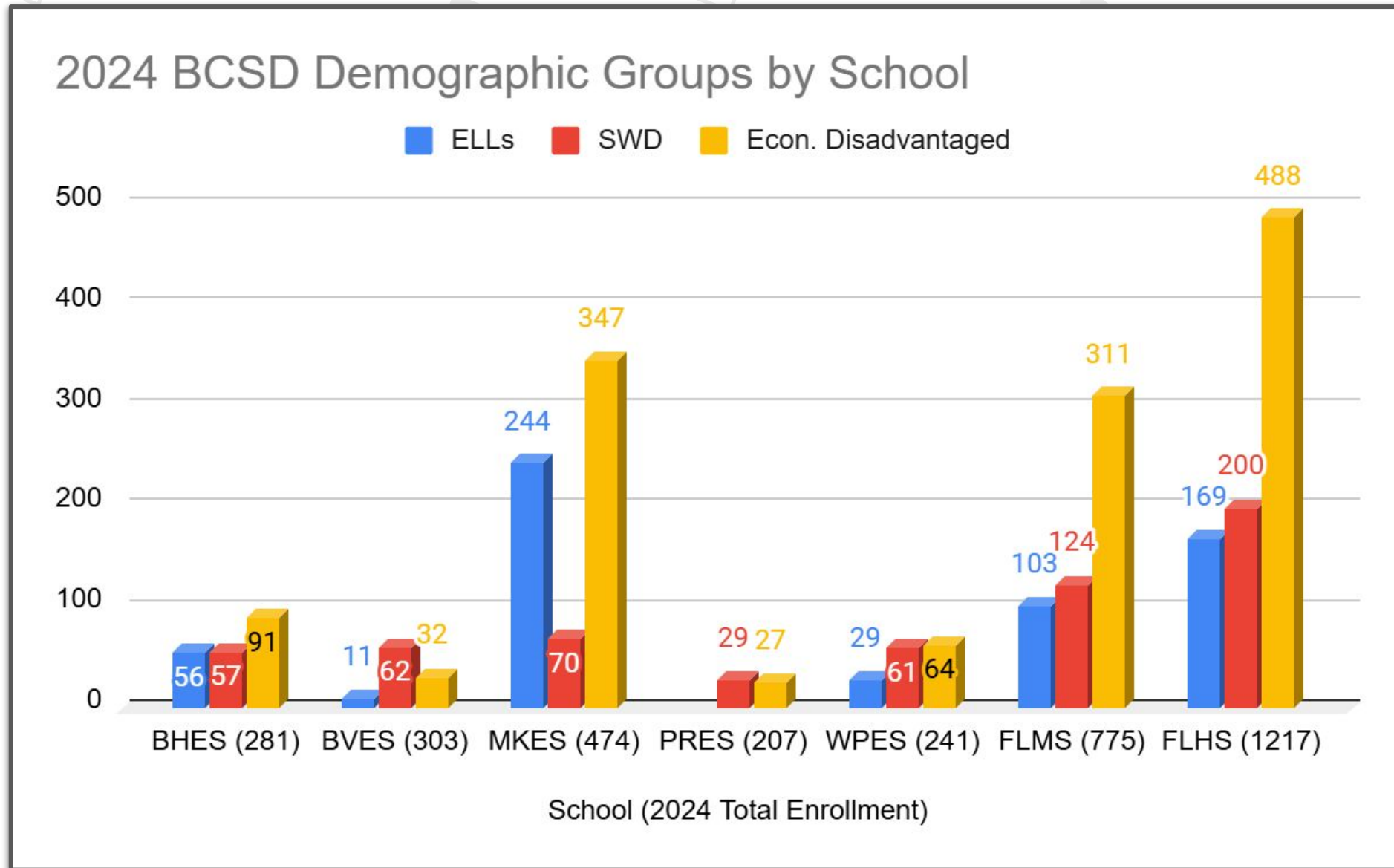
2023-2024 SWD Rate
 # of SWD students in BCSD: 603
 Students with Disabilities: 17.2%

2023-2024 ELL Rate
 # of ELL students in BCSD: 615
 English Language Learners: 17.6%



2023-2024 Econ. Disadvantage Rate:
 # of Ec.Dis. students in BCSD: 1360
 Economic Disadvantage: 38.9%

Demographics by School (Grades K-12)



NYS Assessments

2023 - 2024

- Grades 3-8 English Language Arts
- Grades 3-8 Math Assessment
- Grade 5 NYS Science Assessment - **NEW!**
- Grade 8 Earth Science Regents Exam
- Grades 9-12 Regents Assessments
- Grades 9-12 AP Exams
- K-12 NYSESLAT Assessments
- 2024 FLHS Graduation Rates



NYS Next Generation Learning Standards Assessment & Implementation Timeline

2021-2022

2022-2023

2023-2024

2024-2025

Instruction aligned to NYS Next Generation Learning Standards

Spring 2022:

Last administration of NYS Grades 3-8 State Assessments aligned to CCLS

Last administration of Grade 4 Science aligned to 1996 Standards

Spring 2023:

First administration of NYS Grades 3-8 NYS Assessments aligned to Next Generation Learning Standards

No Grade 4 Science test

Spring 2024:

First administration of **new elementary Grade 5 and Grade 8 Science test**

First administration of **Algebra I Regents** aligned to NYS Next Generation Math Standards

Spring 2025:

First administration of **Geometry Regents** aligned to Next Generation Math Learning Standards

First administration of **Biology, and Earth and Space Science Regents**

NYS Grades 3-8 ELA Assessments Results

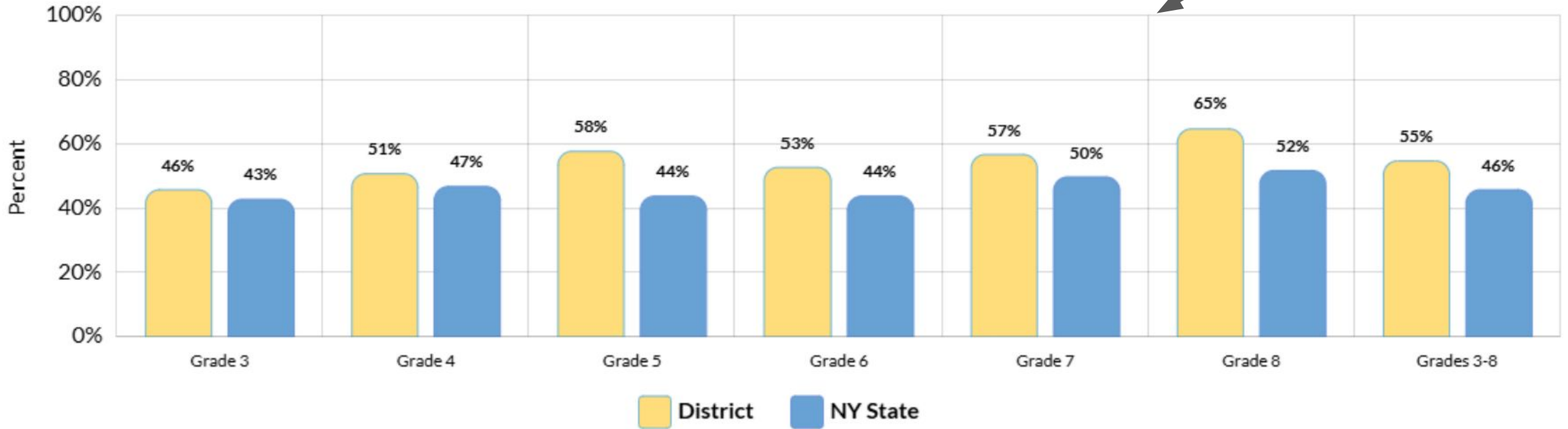
Spring 2024

BCSD Grades 3-8 ELA 2024 Results

Compared with New York State

Percent Proficient = % of students tested who scored Level 3 or Level 4

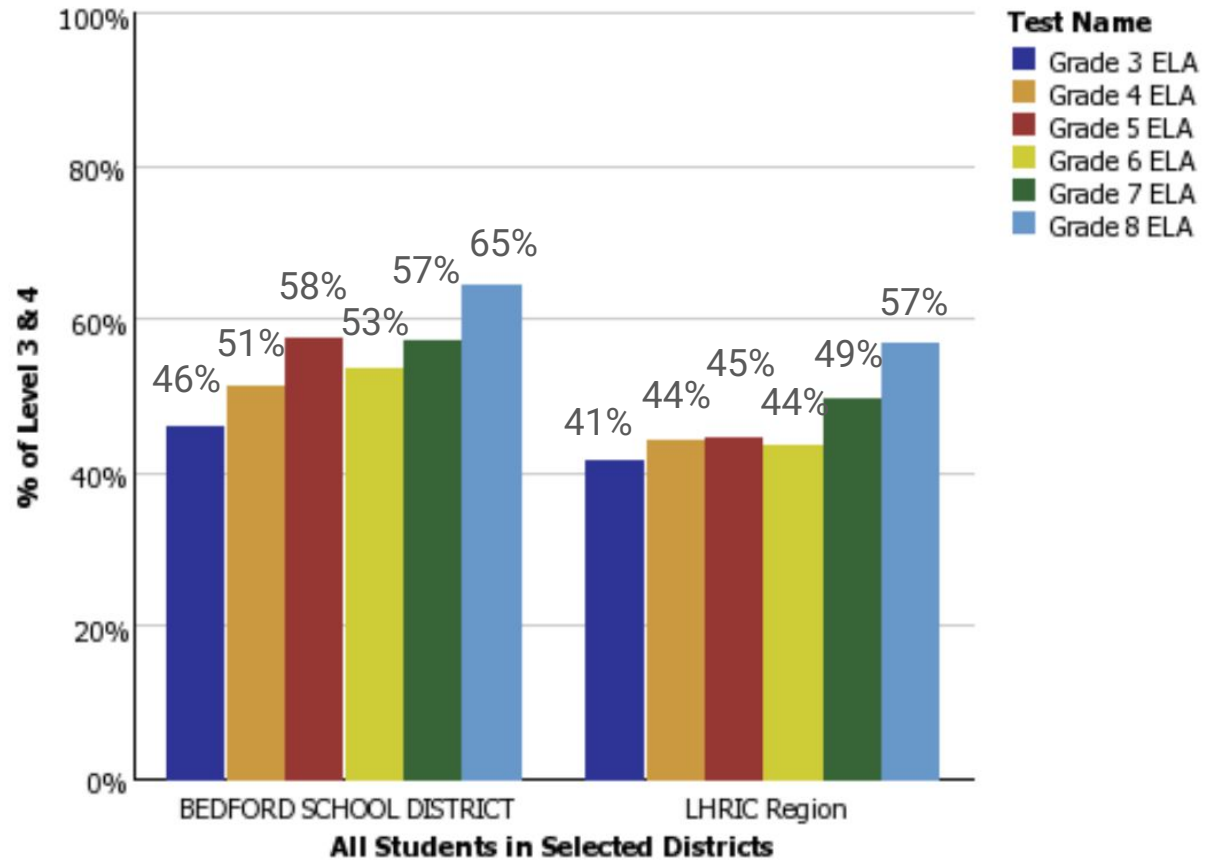
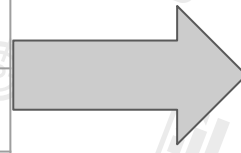
Percent Scoring Proficient by Grade



BCSD Grades 3-8 ELA 2024 Results

Compared with LHRIC Region (98,706 students across 59 Districts)

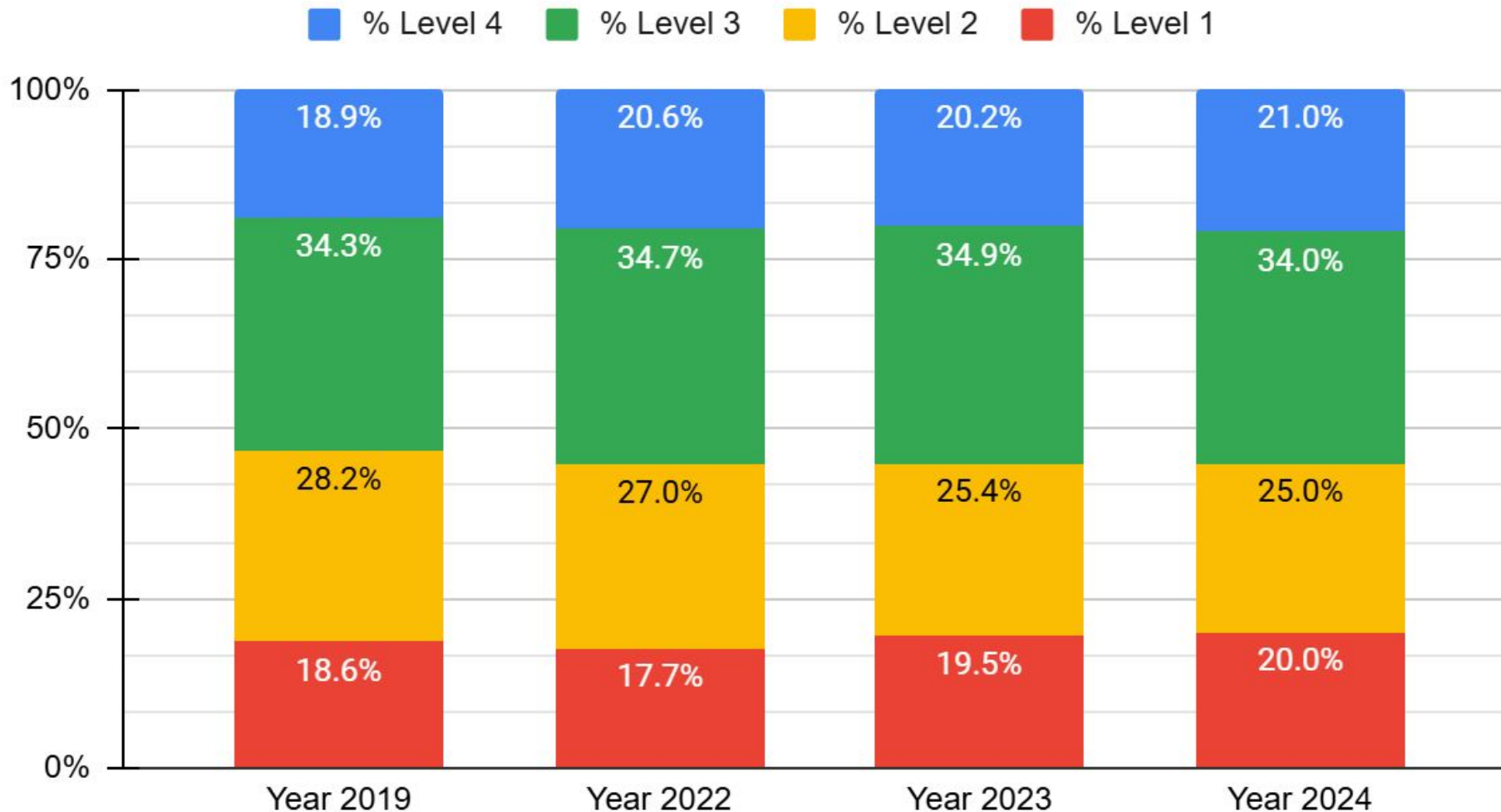
Grade	BCSD Comparison 2024 to Region 2024
Grade 3	+5%
Grade 4	+7%
Grade 5	+13%
Grade 6	+9%
Grade 7	+8%
Grade 8	+8%



Data source: NYSED analyzed by LHRIC

BCSD Grades 3-8 ELA Scores by Level (2019-2024)

Grades 3-8 ELA Results by Level



Overall ELA Proficiency:
(Levels 3 and 4)

- 2019 = 53.2%
- 2022 = 55.3%
- 2023 = 55.1%
- 2024 = 55.0%

ELA Trends:

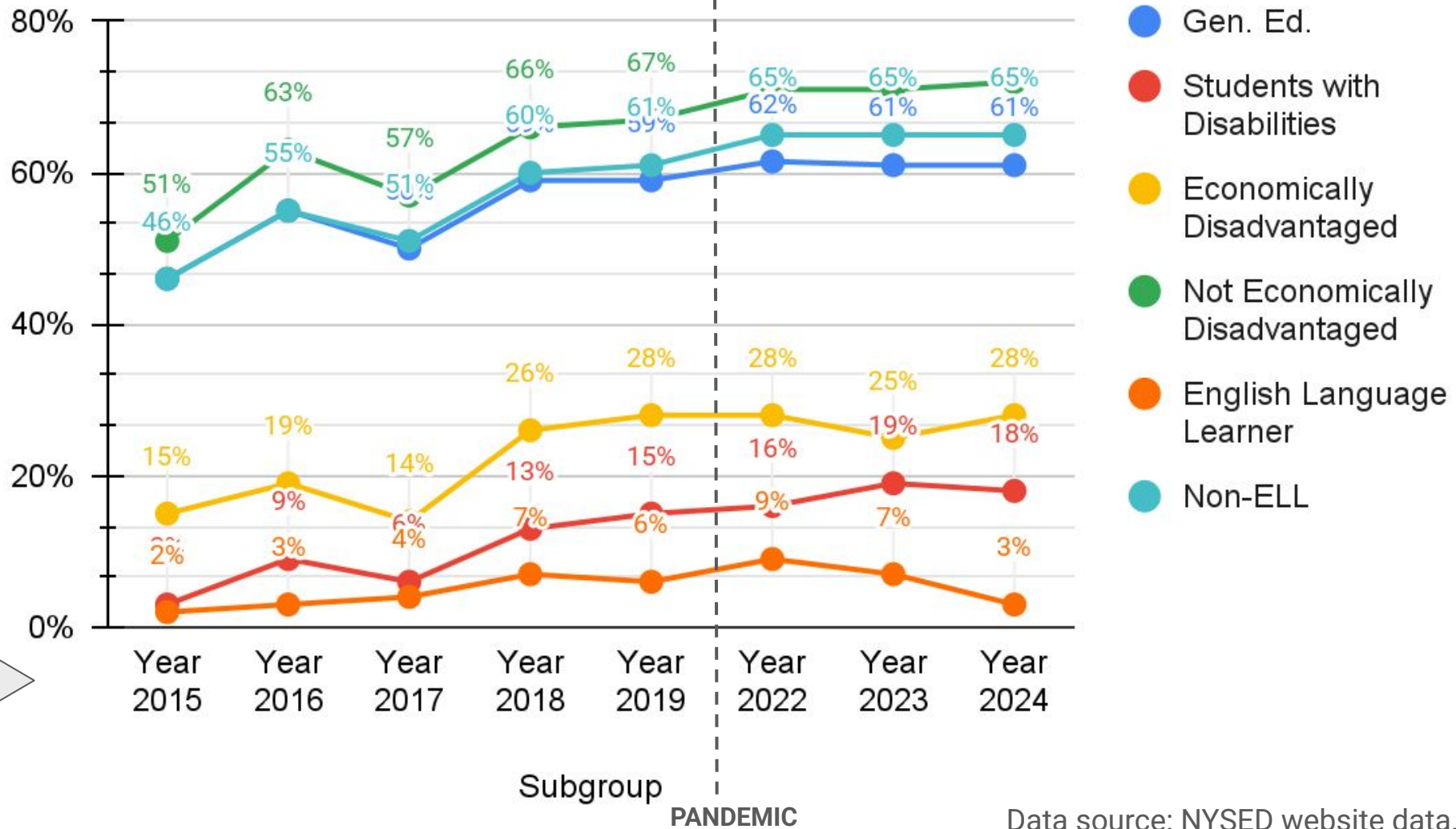
- Proficiency rates have remained steady at 55%

Proficiency Levels:

Level 4 = Exceeding NYS Standards
Level 3 = Meeting Standards
Level 2 = Partially Proficient
Level 1 = Well Below Proficient

Grades 3-8 ELA Longitudinal by Subgroup

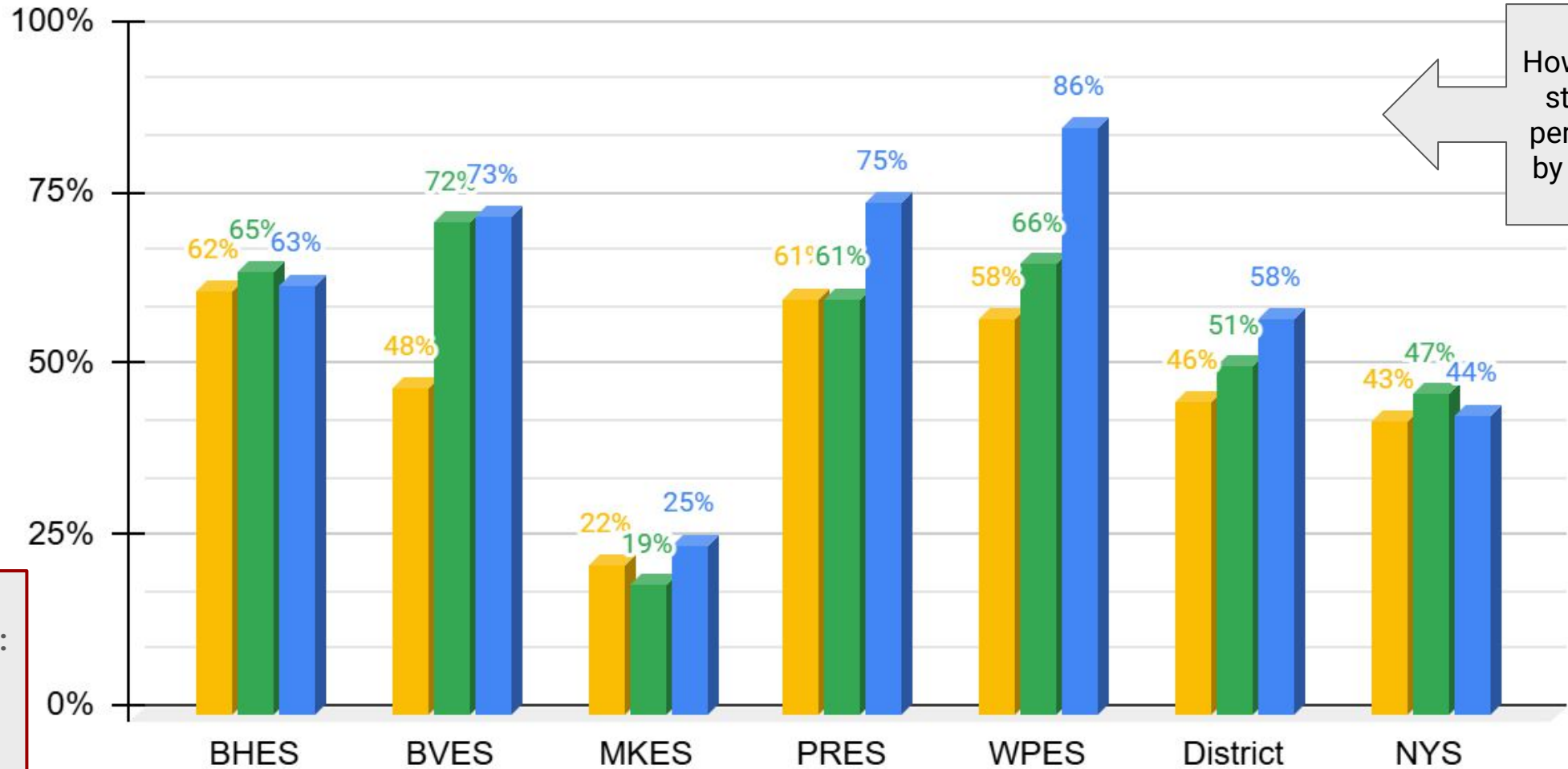
NYS Grades 3-8 ELA Results by Subgroups (2015-2024)



How are our grades 3-8 students performing in ELA by subgroup over time?

2024 Grades 3-8 ELA Proficiency by School

Grade 3 Grade 4 Grade 5

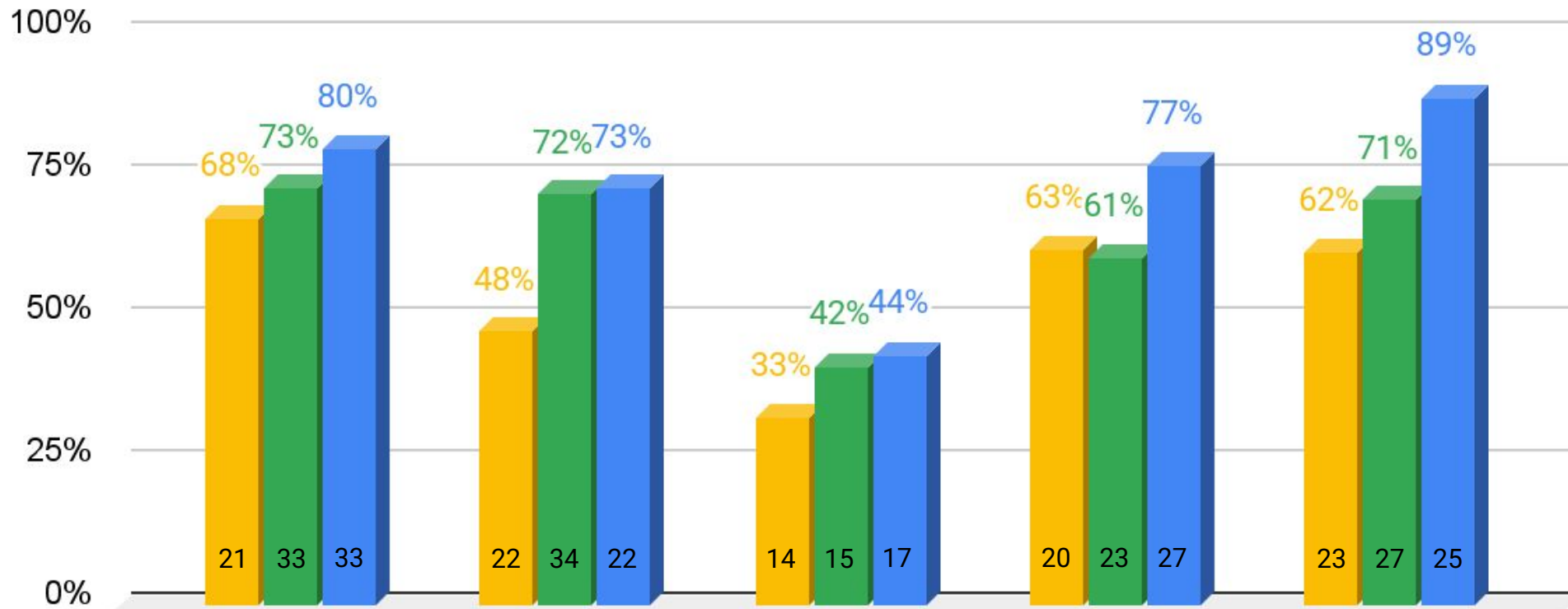


How are our students performing by school?

Participation Rates
Total tested in 2024:
Grade 3 = 93% (224)
Grade 4 = 92% (257)
Grade 5 = 92% (217)

2024 Grades 3-8 ELA Proficiency by School (Non-ELLs)

Grade 3 Grade 4 Grade 5



How are our **NON-ELLs** performing by school?

BHES

BHES # Non-ELLs:

Grade 3 = 31 out of 37
 Grade 4 = 45 out of 51
 Grade 5 = 41 out of 52

BVES

BVES # Non-ELLs:

Grade 3 = 46 out of 46
 Grade 4 = 47 out of 47
 Grade 5 = 30 out of 30

MKES

MKES # Non-ELLs:

Grade 3 = 42 out of 68
 Grade 4 = 36 out of 80
 Grade 5 = 39 out of 69

PRES

PRES # Non-ELLs:

Grade 3 = 32 out of 33
 Grade 4 = 38 out of 38
 Grade 5 = 35 out of 36

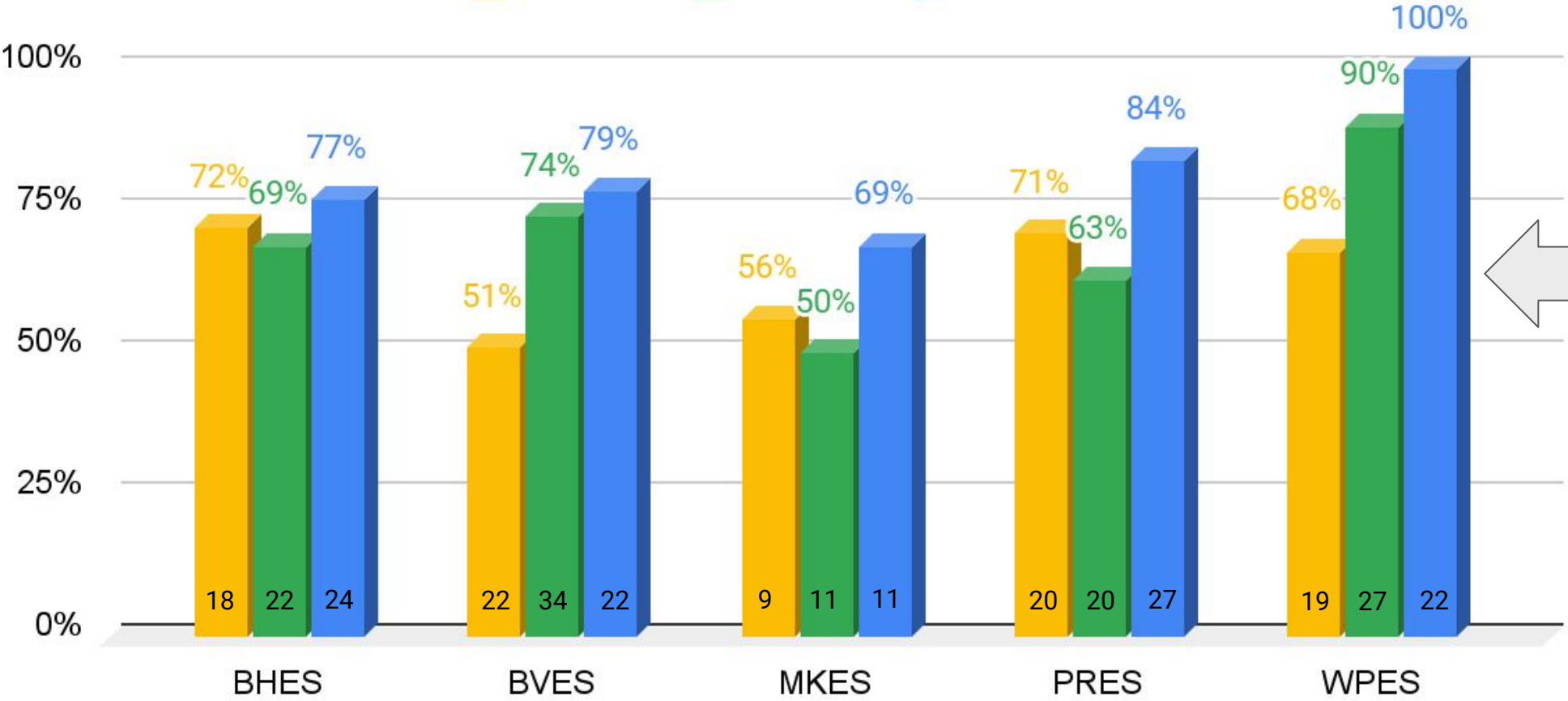
WPES

WPES # Non-ELLs:

Grade 3 = 37 out of 40
 Grade 4 = 38 out of 41
 Grade 5 = 28 out of 29

2024 Grades 3-5 ELA Proficiency by School (Non-Econ. Dis.)

Grade 3 Grade 4 Grade 5



How are our **NON-Economically Disadvantaged** students performing by school?

BHES # Non-Low Income:
 Grade 3 = 25 out of 37
 Grade 4 = 32 out of 51
 Grade 5 = 31 out of 52

BVES # Non-Low Income:
 Grade 3 = 43 out of 46
 Grade 4 = 46 out of 47
 Grade 5 = 28 out of 30

MKES # Non-Low Income:
 Grade 3 = 16 out of 68
 Grade 4 = 22 out of 80
 Grade 5 = 16 out of 69

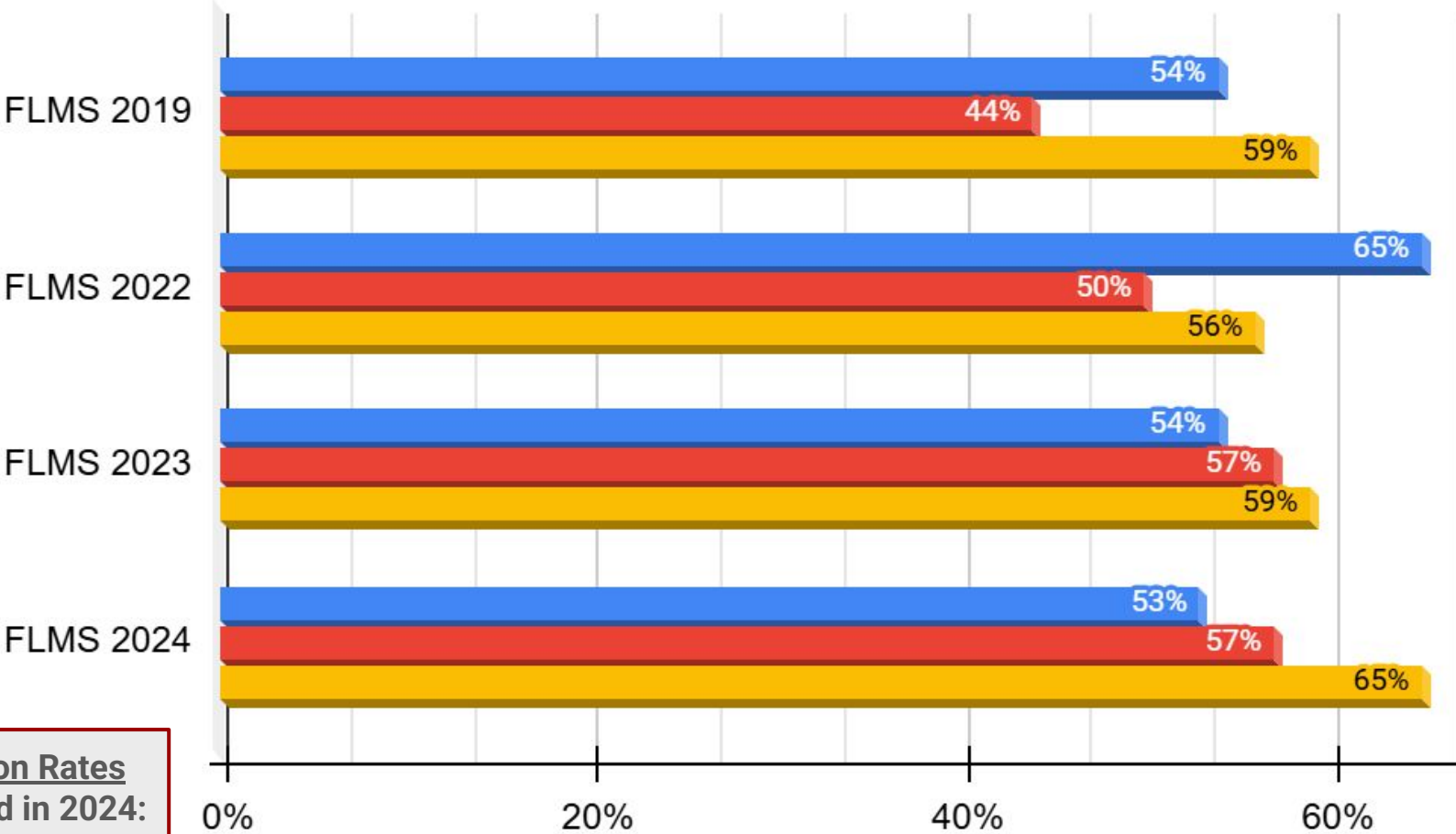
PRES # Non-Low Income:
 Grade 3 = 28 out of 33
 Grade 4 = 32 out of 38
 Grade 5 = 32 out of 36

WPES # Non-Low Income:
 Grade 3 = 28 out of 40
 Grade 4 = 30 out of 41
 Grade 5 = 22 out of 29

Data source: NYSED website data.nysed.gov

Grades 6-8 ELA Proficiency Rates (2019-2024)

Grade 6 Grade 7 Grade 8



6-8 ELA Trends:

Grade 6: Remains at steady 53-54% with peak in 2022 at 65%

Grade 7: Significant 13% increase in 2023, surpassing pre-pandemic rates

Grade 8: Significant 6% increase in 2024, surpassing pre-pandemic rates

Participation Rates

Total tested in 2024:

Grade 6 = 94% (262)

Grade 7 = 86% (220)

Grade 8 = 89% (220)

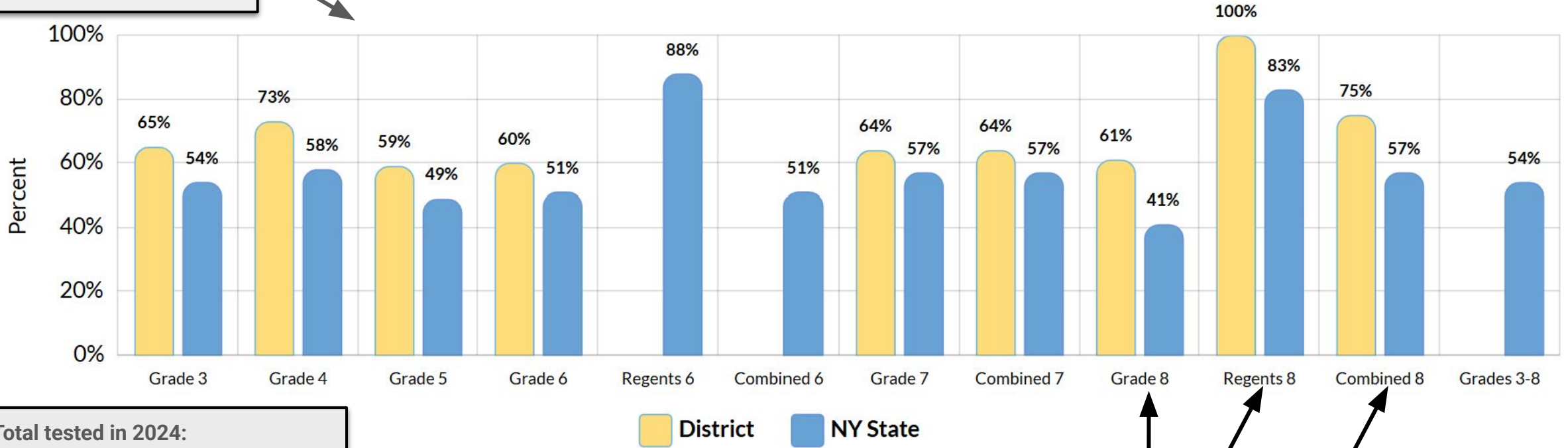
NYS Grades 3-8 Math Assessment Results

Spring 2024

Grades 3-8 NYS Math Results 2024

Percent Proficient =
% of students tested who
scored Level 3 or Level 4

Percent Scoring Proficient by Grade



Total tested in 2024:

Total Gr. 3-8 = 92%

- Grade 3 = 94% (226 students)
- Grade 4 = 96% (267 students)
- Grade 5 = 94% (220 students)
- Grade 6 = 95% (263 students)
- Grade 7 = 88% (224 students)
- Grade 8 Combined = 88% (216)
- Grade 8 Algebra Regents = 30% (75)
- Grade 8 Math = 57% (141)

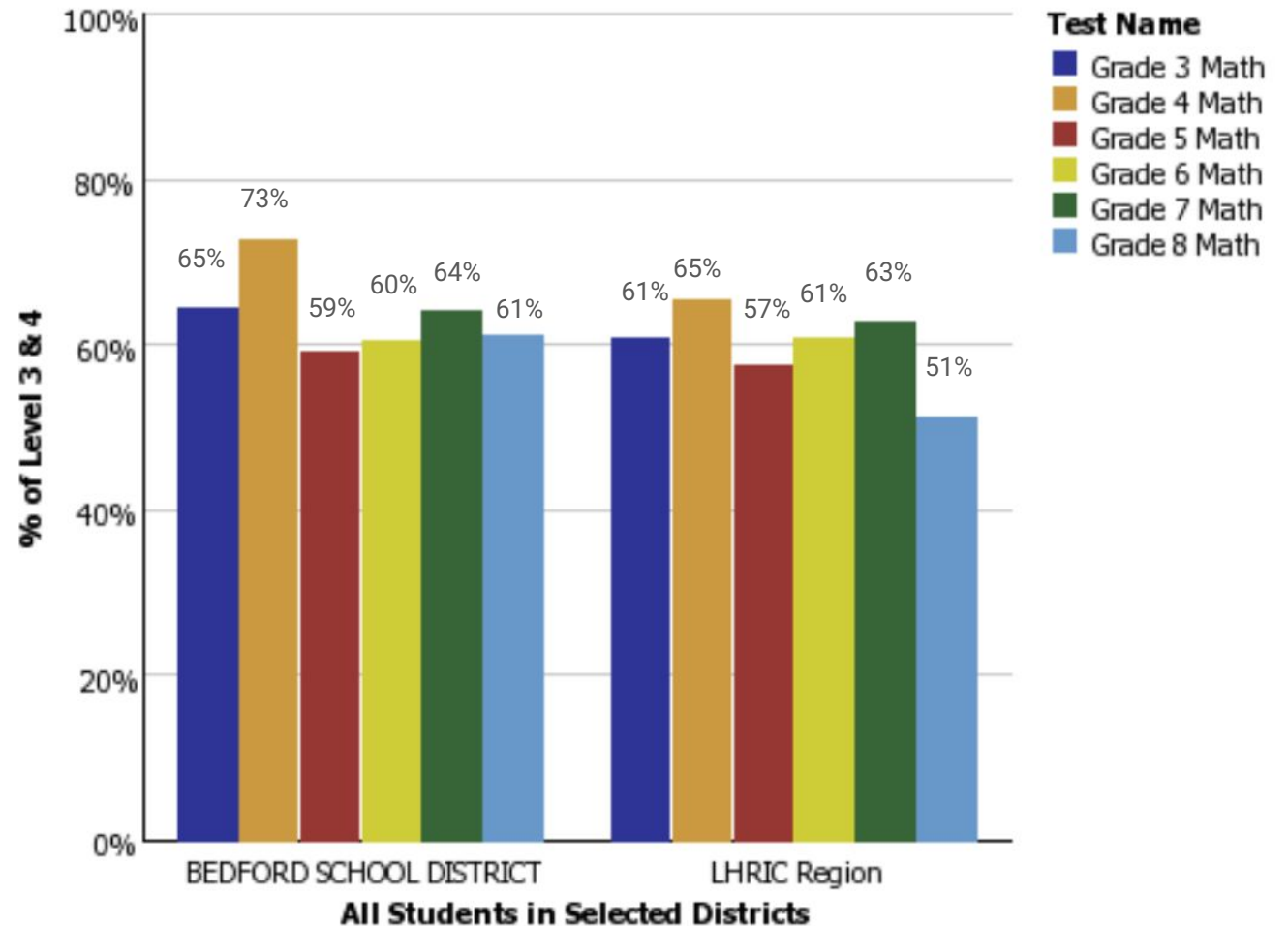
Grade 8 Exams:

- 141 students took Grade 8 NYS exam (61% proficient)
- 75 students took NYS Algebra Regents (100% proficient)
- Total 216 students participated in either NYS grade 8 exam OR Regents exam with combined proficiency of 75%
- Approximately 35% of 8th graders participated in Algebra Regents

BCSD Grades 3-8 MATH 2024 Results

Compared with LHRIC Region (98,706 students across 59 Districts)

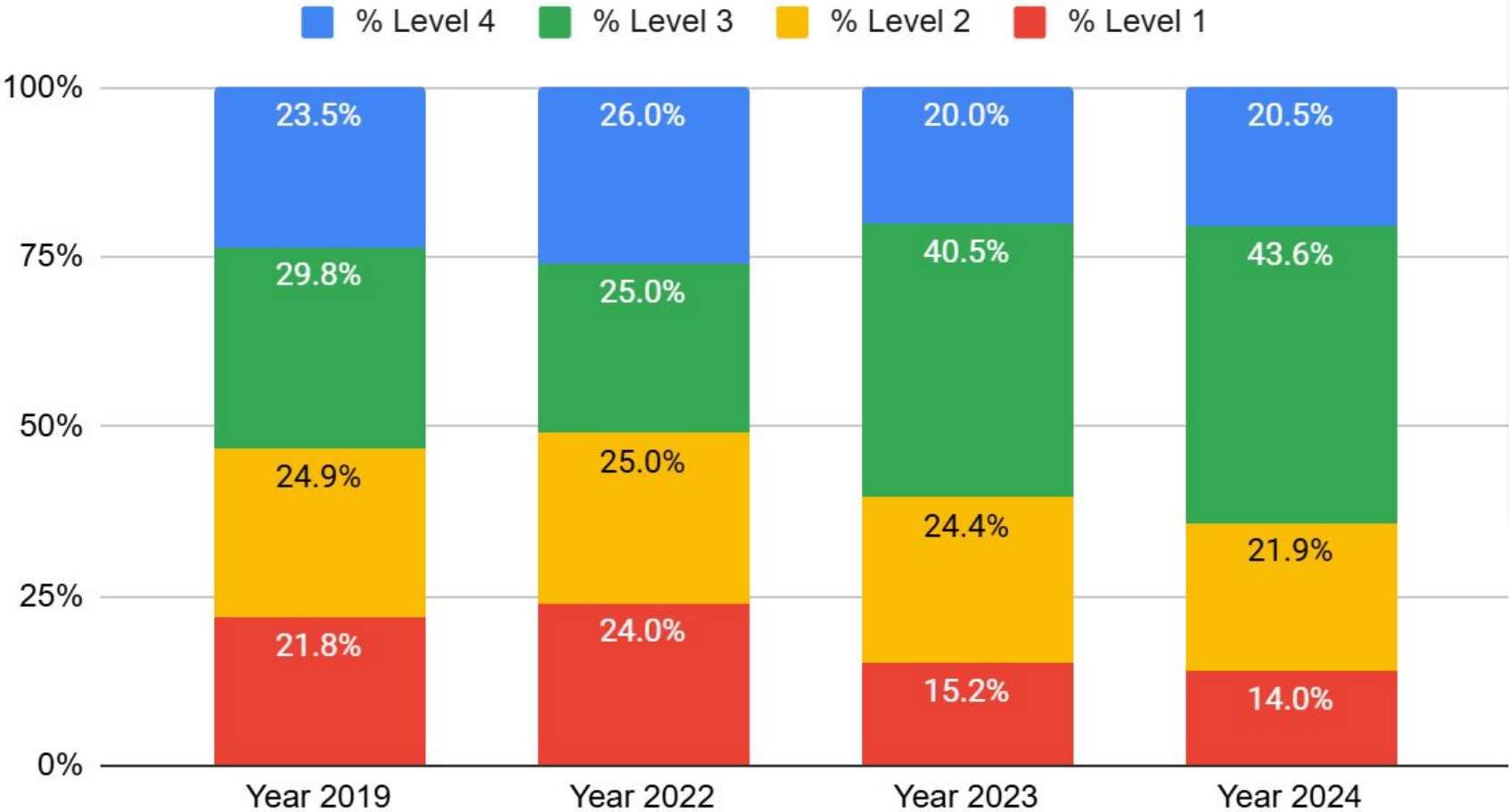
Grade	BCSD Comparison 2024 to Region 2024
Grade 3	+4%
Grade 4	+8%
Grade 5	-1%
Grade 6	+3%
Grade 7	+1%
Grade 8	+10%



Data source: NYSED analyzed by LHRIC

Grades 3-8 MATH Scores by Level (2019-2024)

BCSD Grades 3-8 NYS Math Proficiency (2019-2024)



Overall Math Proficiency:

(Level 3 and 4)

- 2019 = **53.3%**
- 2023 = **60.5%**
- 2024 = **64.1%**

MATH Trends:

- **+10.8% point** increase in proficiency since 2019 (reflects 20% change)
- **+3.6%** increase from 2023 and 2024

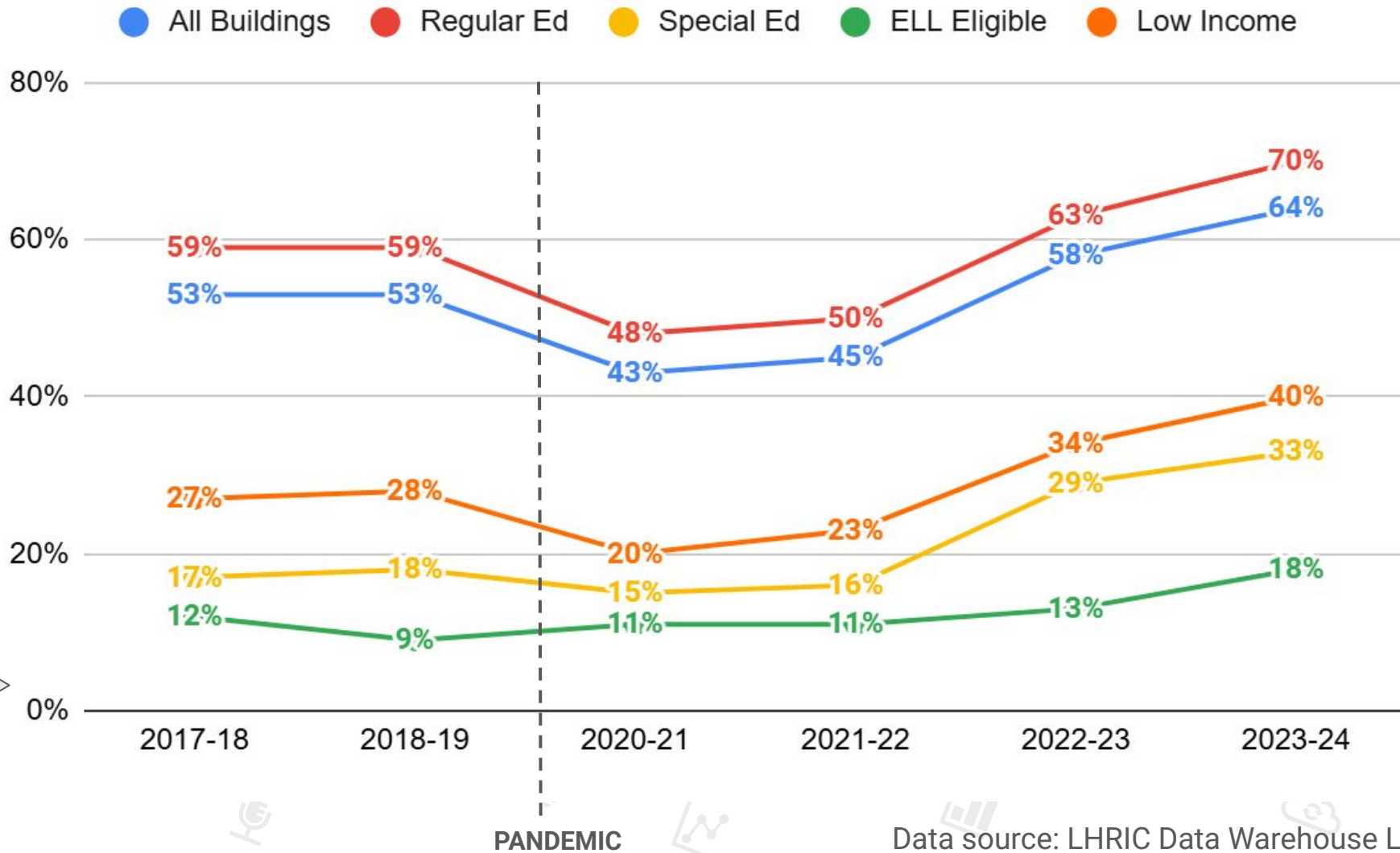
Proficiency Levels:

Level 4 = Exceeding NYS Standards
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Level 2 = Partially Proficient
Level 1 = Well Below Proficient

Data source: NYSED website data.nysed.gov

Grades 3-8 MATH Proficiency Rate by Subgroup over Time

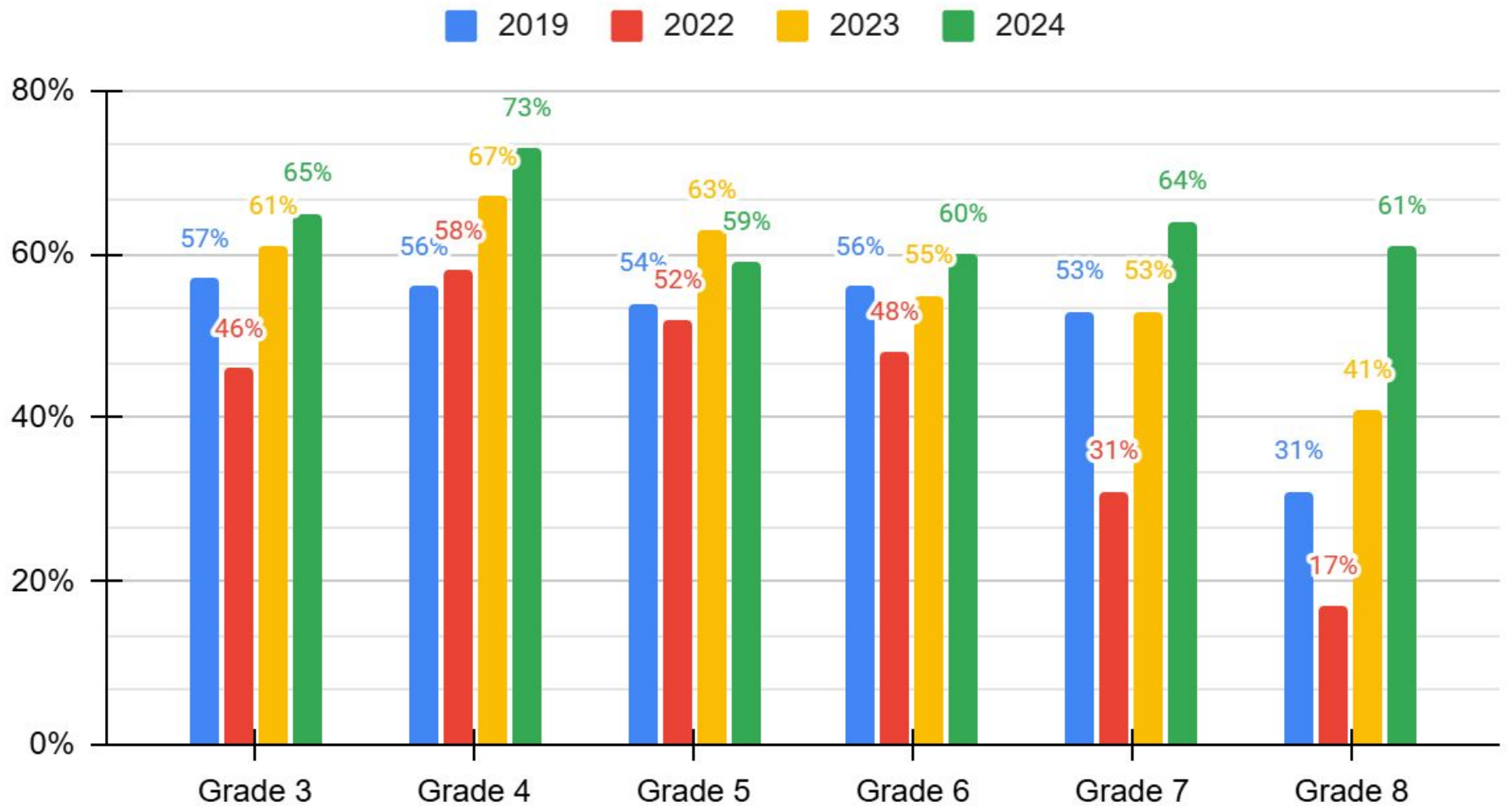
Grades 3-8 Math Proficiency Rate Over Time (% Level 3 & 4)



How are our grades 3-8 students performing in MATH by subgroup over time?

Grades 3-8 MATH % Proficiency By Grade over Time

2024 Grades 3-8 Math Results by Grade (2019-2024)



2023 to 2024 Comparison:

Grade 3 = +4%

Grade 4 = +6%

Grade 5 = -4%

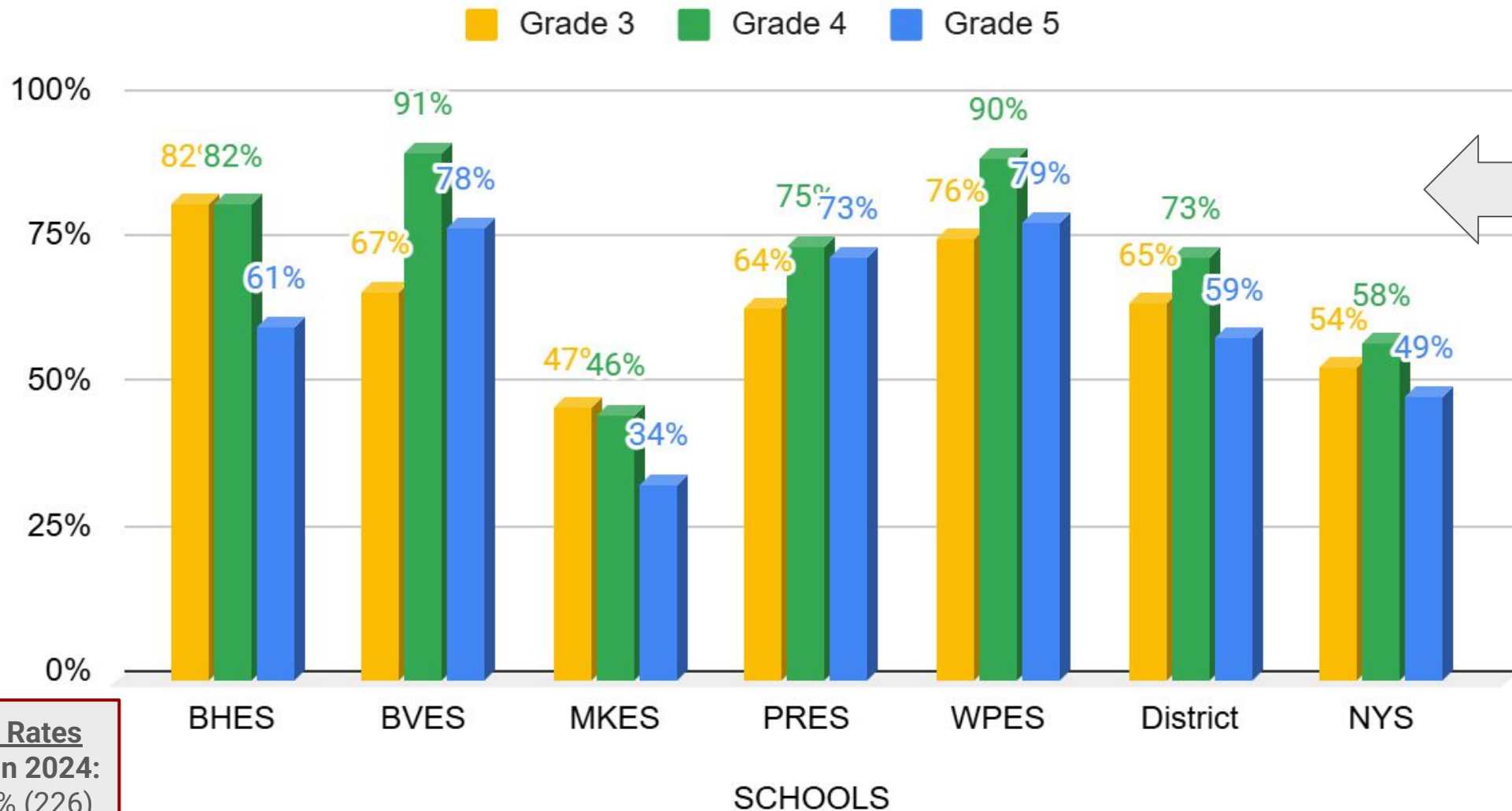
Grade 6 = +5%

Grade 7 = +11%

Grade 8 = +20%

How are our grade level cohorts performing in MATH over time?

2024 Grades 3-8 MATH Proficiency by School

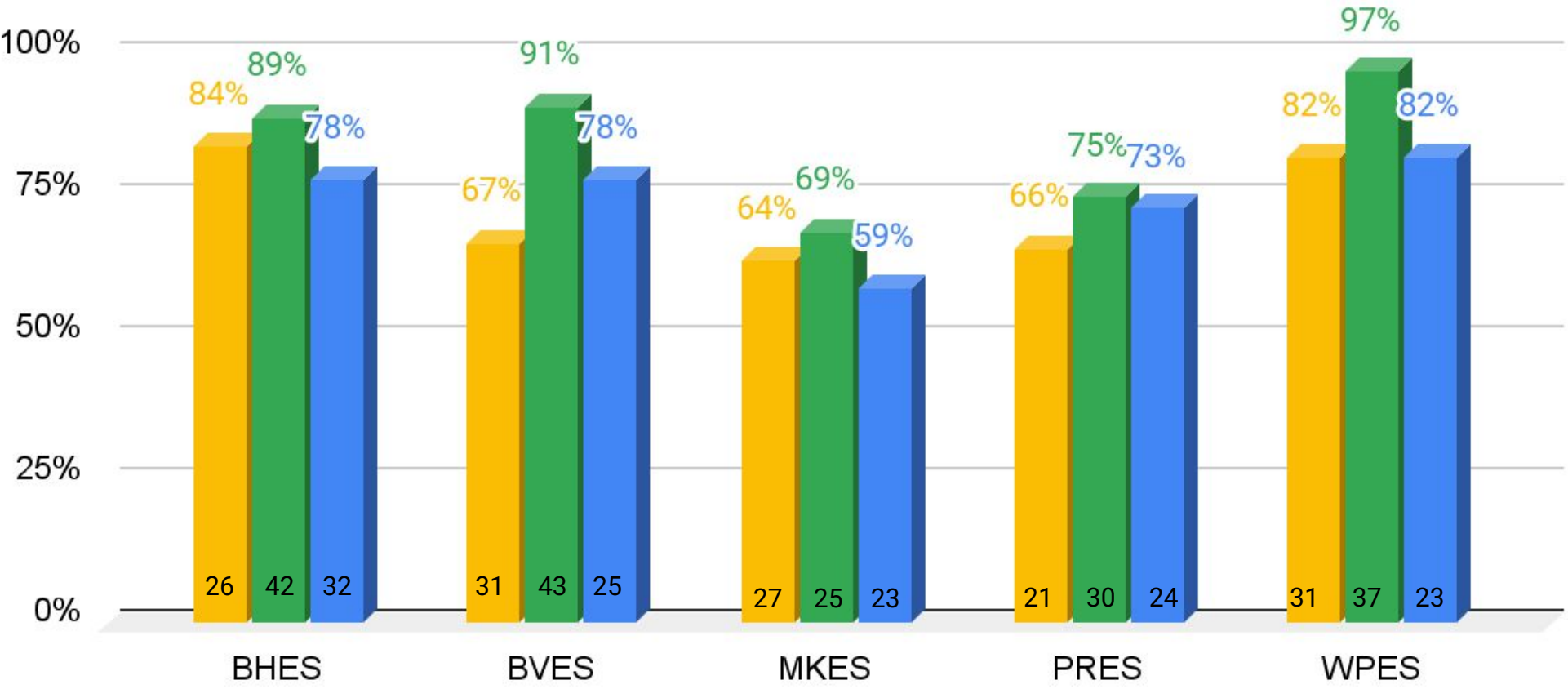


How are our students performing by school?

Participation Rates
Total tested in 2024:
Grade 3 = 94% (226)
Grade 4 = 96% (267)
Grade 5 = 94% (220)

2024 Grades 3-5 MATH Proficiency by School (Non-ELLs)

■ Grade 3
 ■ Grade 4
 ■ Grade 5



How are our non-ELLs performing by school?

BHES # Non-ELLs:
 Grade 3 = 31 out of 38
 Grade 4 = 47 out of 55
 Grade 5 = 41 out of 54

BVES # Non-ELLs:
 Grade 3 = 46 out of 46
 Grade 4 = 47 out of 47
 Grade 5 = 32 out of 32

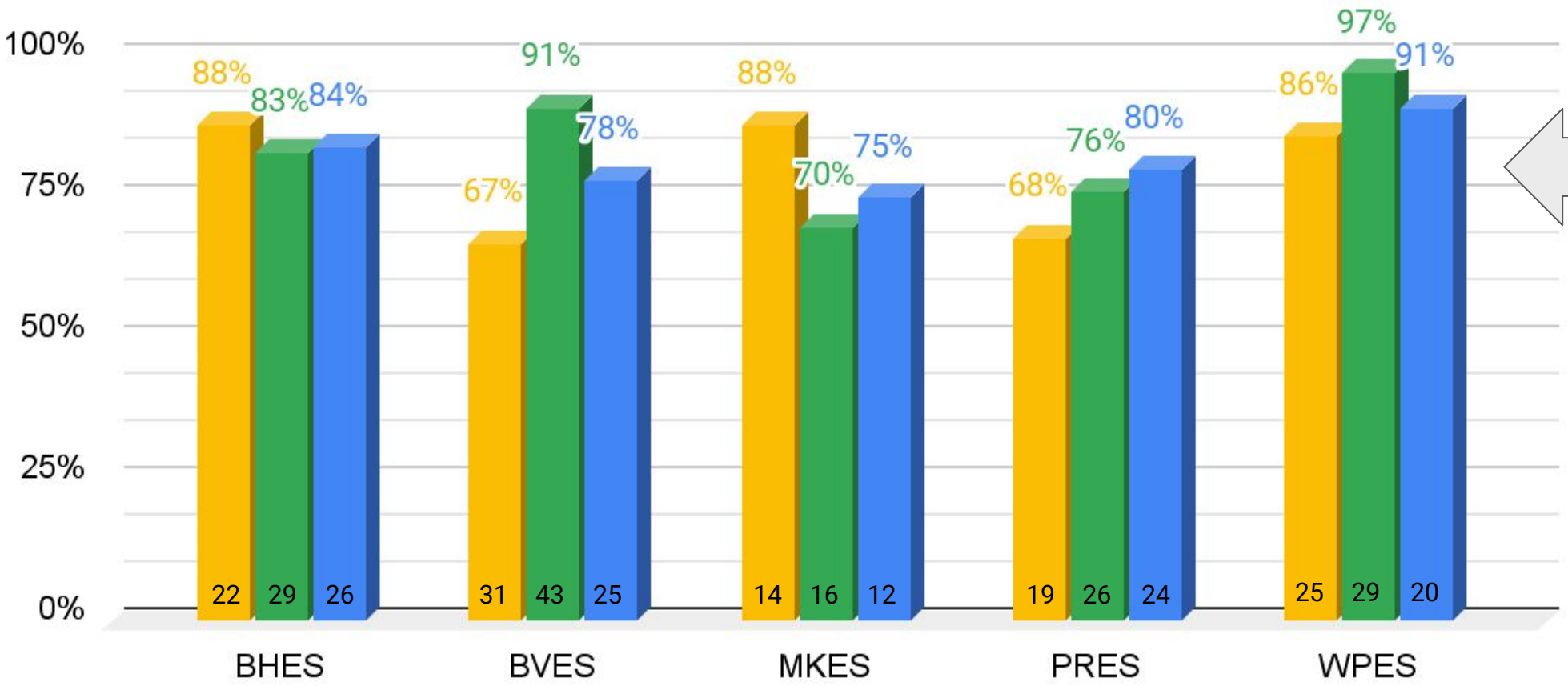
MKES # Non-ELLs:
 Grade 3 = 42 out of 68
 Grade 4 = 36 out of 84
 Grade 5 = 39 out of 71

PRES # Non-ELLs:
 Grade 3 = 32 out of 33
 Grade 4 = 40 out of 40
 Grade 5 = 33 out of 33

WPES # Non-ELLs:
 Grade 3 = 38 out of 41
 Grade 4 = 38 out of 41
 Grade 5 = 28 out of 29

2024 Grades 3-5 MATH Proficiency by School (Non-Econ. Dis.)

Grade 3 Grade 4 Grade 5



How are our non-Economically Disadvantaged students performing by school?

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 Grade 4 = 35 out of 55
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MKES # Non-Low Income:
 Grade 3 = 16 out of 68
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PRES # Non-Low Income:
 Grade 3 = 28 out of 33
 Grade 4 = 34 out of 40
 Grade 5 = 30 out of 33

WPES # Non-Low Income:
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 Grade 4 = 30 out of 41
 Grade 5 = 22 out of 29

Data source: NYSED website data.nysed.gov

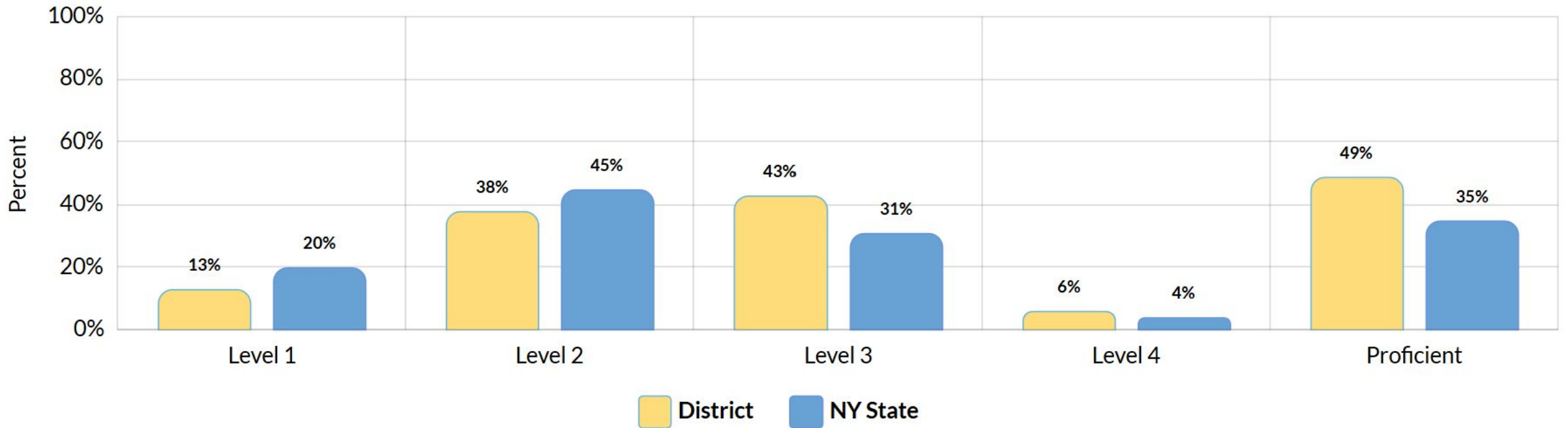
NYS Grades 5 & 8 Science Results

Spring 2024

BCSD Grades 5 Science 2024 Results

Compared with New York State

Percent Scoring at Levels for All Students

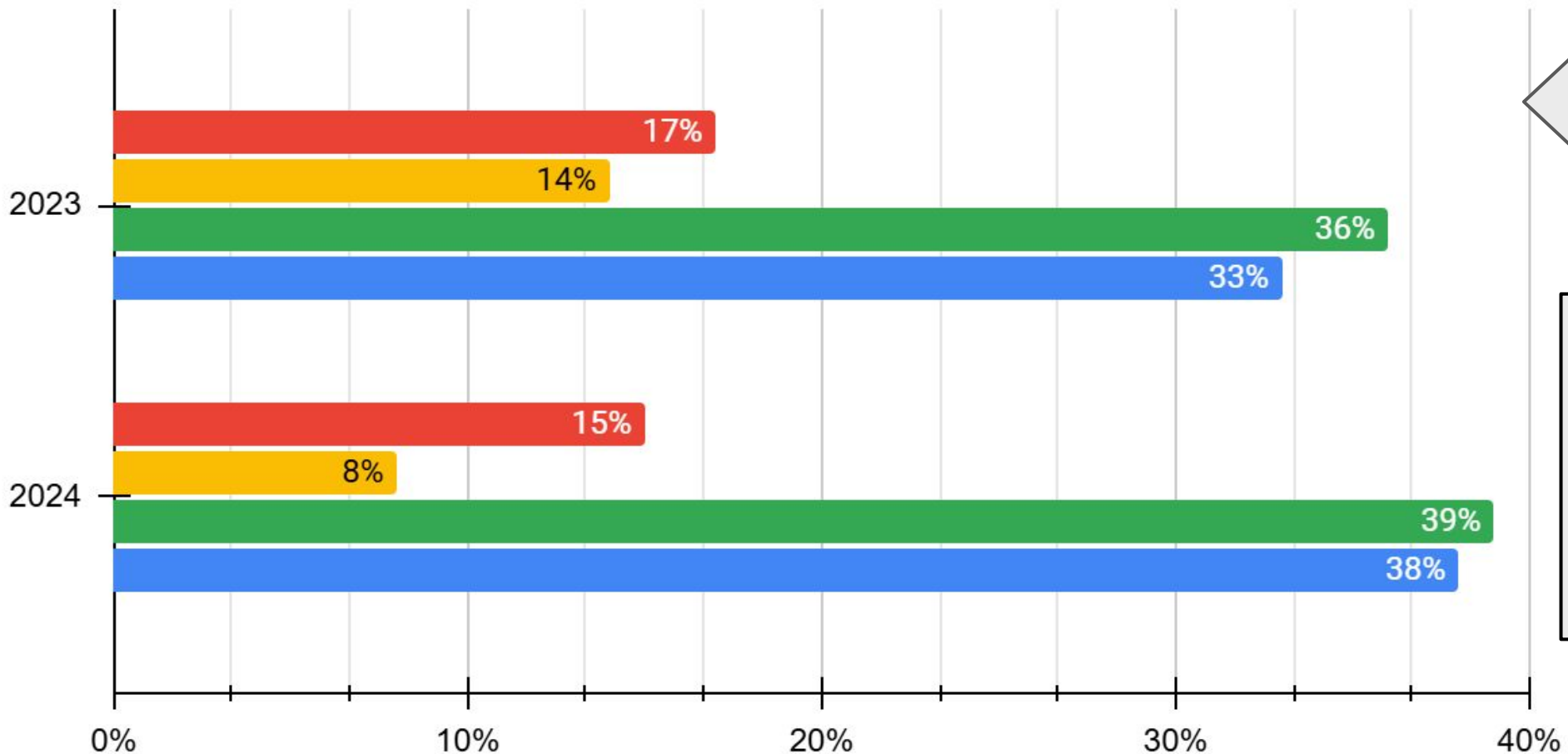


NEW Grade 5 Science Assessment - BASELINE DATA

2024 Grade 8 NYS Earth Science Regents Results

Grade 8 Earth Science Regents Proficiency (2023-2024)

Level 1 Level 2 Level 3 Level 4



2022-2023: First year all Grade 8 students took Earth Science Regents

Grade 8 Earth Science Proficiency:

2023 = 69%

2024 = 77%

(8% increase)

NYS Grades 9-12 Regents Exams

Spring 2024

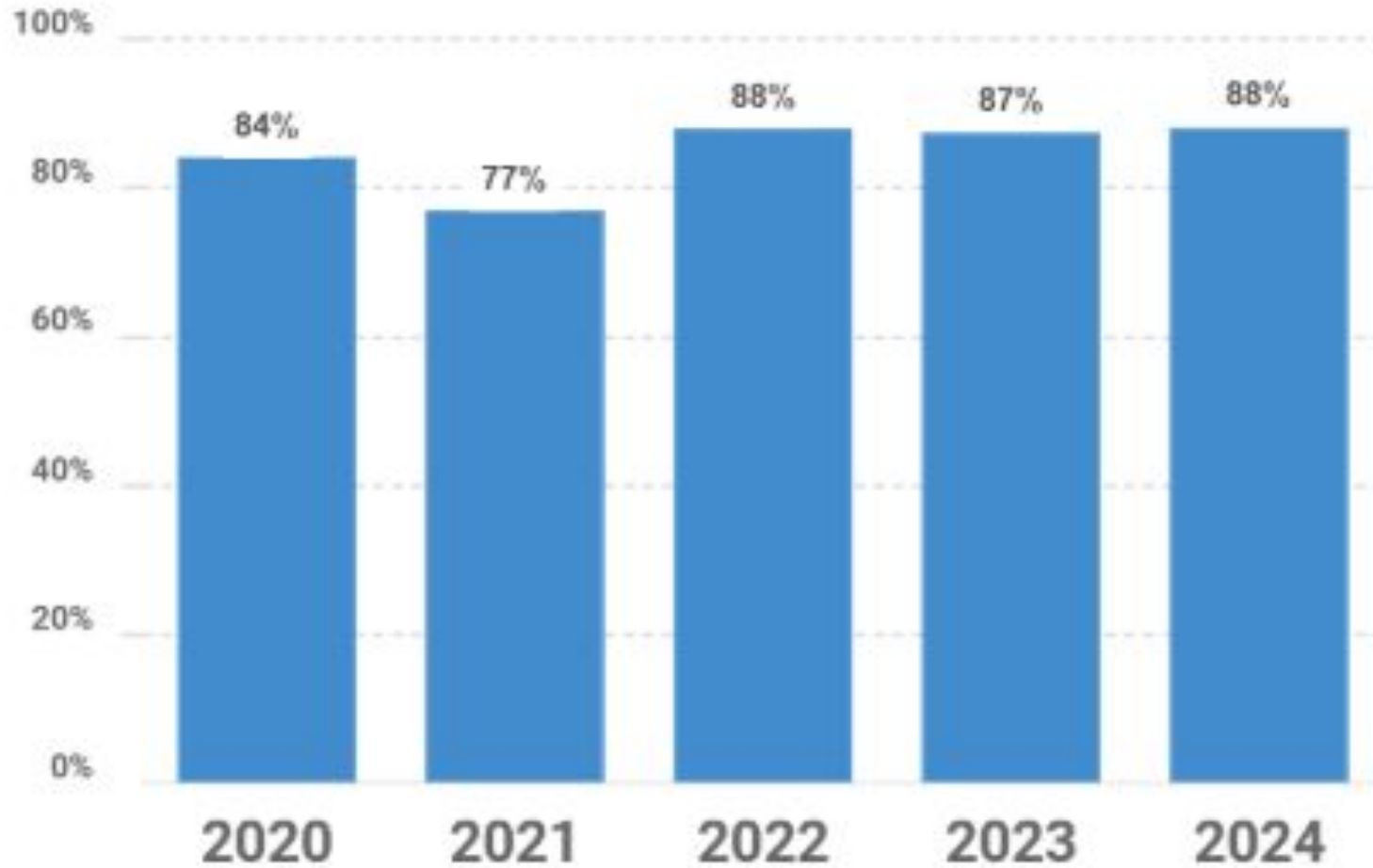
NYS Regents Exam Results 2023-2024

Regents Exam	2022-2023 BCSD Proficiency Rate	2023-2024 BCSD Proficiency Rate	2023-2024 NYS Proficiency Rate
ELA	87%	91%	79%
Algebra I	83%	83%	62%
Geometry	73%	75%	57%
Living Environment	84%	82%	62%
Physical Setting/Earth Science	69%	70%	67%
Physical Setting/Chemistry	81%	83%	65%
Global History & Geography II	87%	88%	77%
US History & Government	89%	92%	78%

NYS Grades 9-12 AP Assessments

Spring 2024

Percent of AP Students with Scores 3+



Percent of students who participated in AP exams and scored 3+

FLHS AP Exam Results 2024

2023-24 FLHS Total Enrollment = 1,217

Five year comparison

FLHS	2020	2021	2022	2023	2024
Total # of AP Exams	868	837	749	768	768
Total # of AP Students	504	443	392	398	405
% of AP students compared with total FLHS enrollment	35.7%	33.5%	30%	32%	33.3%
Total # of AP Students with 3+	424	341	345	348	357
Total % of AP Students with 3+	84.13%	76.98%	88.01%	87.44%	88.15%

2020 AP Exams: Only part of the curriculum covered and exams modified due to pandemic

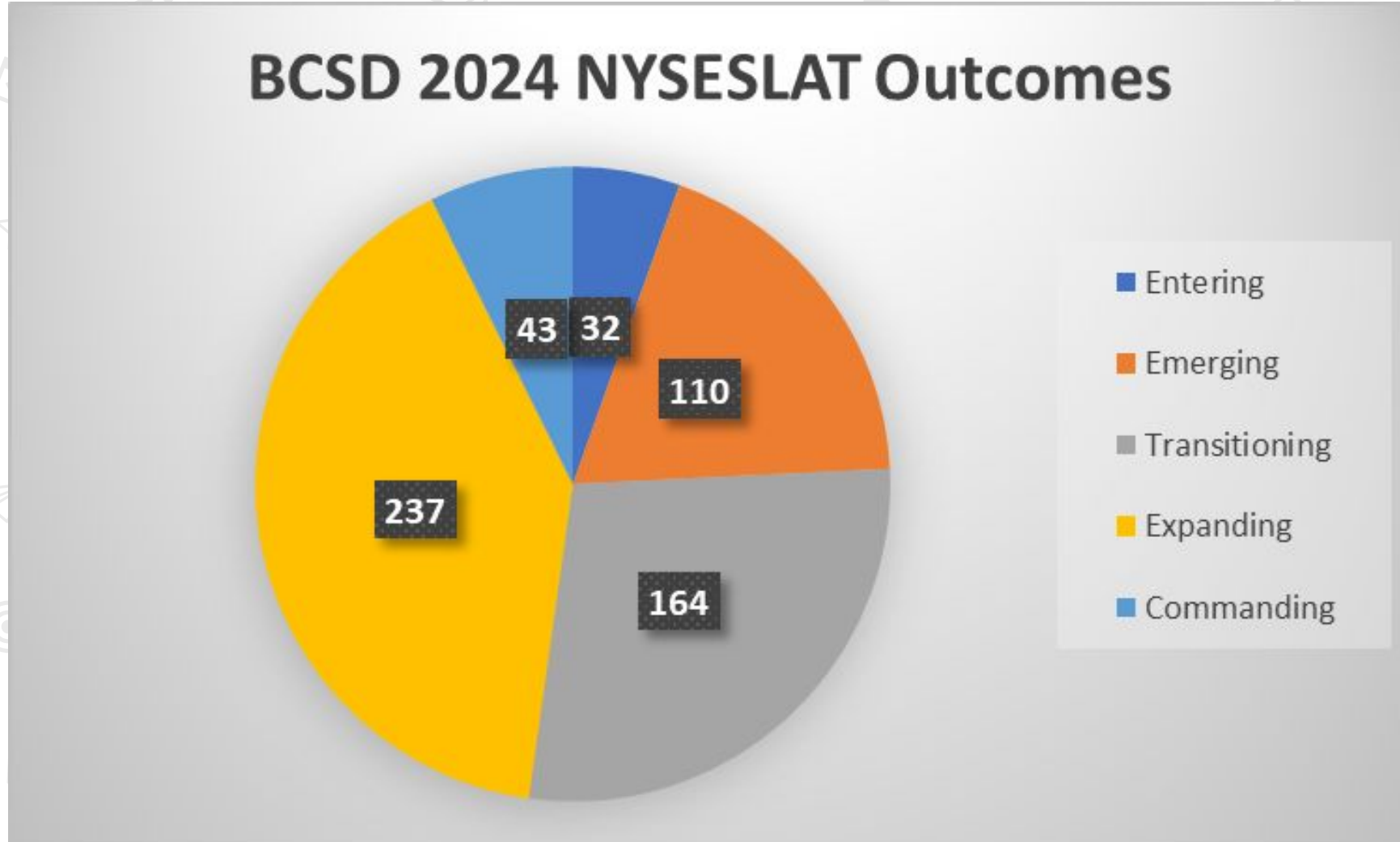
FLHS 2023-2024 AP Exam Scores

AP Exam Scores 2024							
	# Tested	Scored 3+	Mean		# Tested	Scored 3+	Mean
Art	19	53%	3.2	French Language	10	80%	2.9
Biology	37	97%	4.2	Human Geography	9	44%	2.7
Calculus AB	32	72%	3.3	Italian Language	12	92%	3.7
Calculus BC	24	92%	4.4	Music Theory	6	100%	3.2
Chemistry	35	97%	3.9	Physics C	28	86%	3.8
Computer Sci A	18	89%	3.9	Spanish Language	66	89%	3.7
Computer Science P	29	86%	3.3	Spanish Literature	13	85%	3.1
English Language	73	77%	3.3	Statistics	21	95%	4.0
English Literature	8	100%	4.1	US History	147	80%	3.5
Environmental Science	61	77%	3.5	World History	95	96%	4.1
European History	24	83%	3.5	405 students were administered 768 exams and 88% scored 3+			

NYS K-12 NYSESLAT Assessments

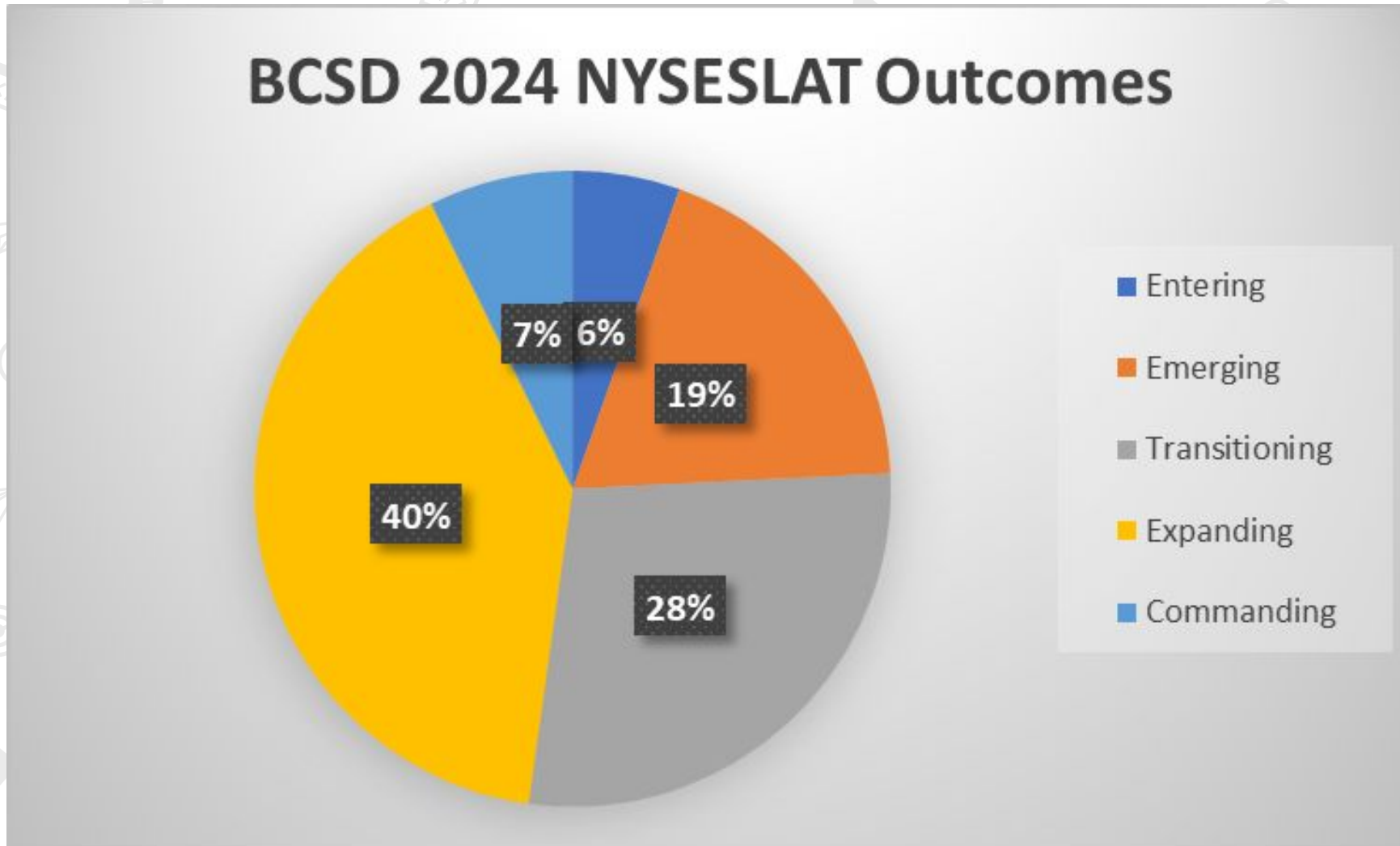
Spring 2024

2024 NYSESLAT Outcomes, BCSD K-12



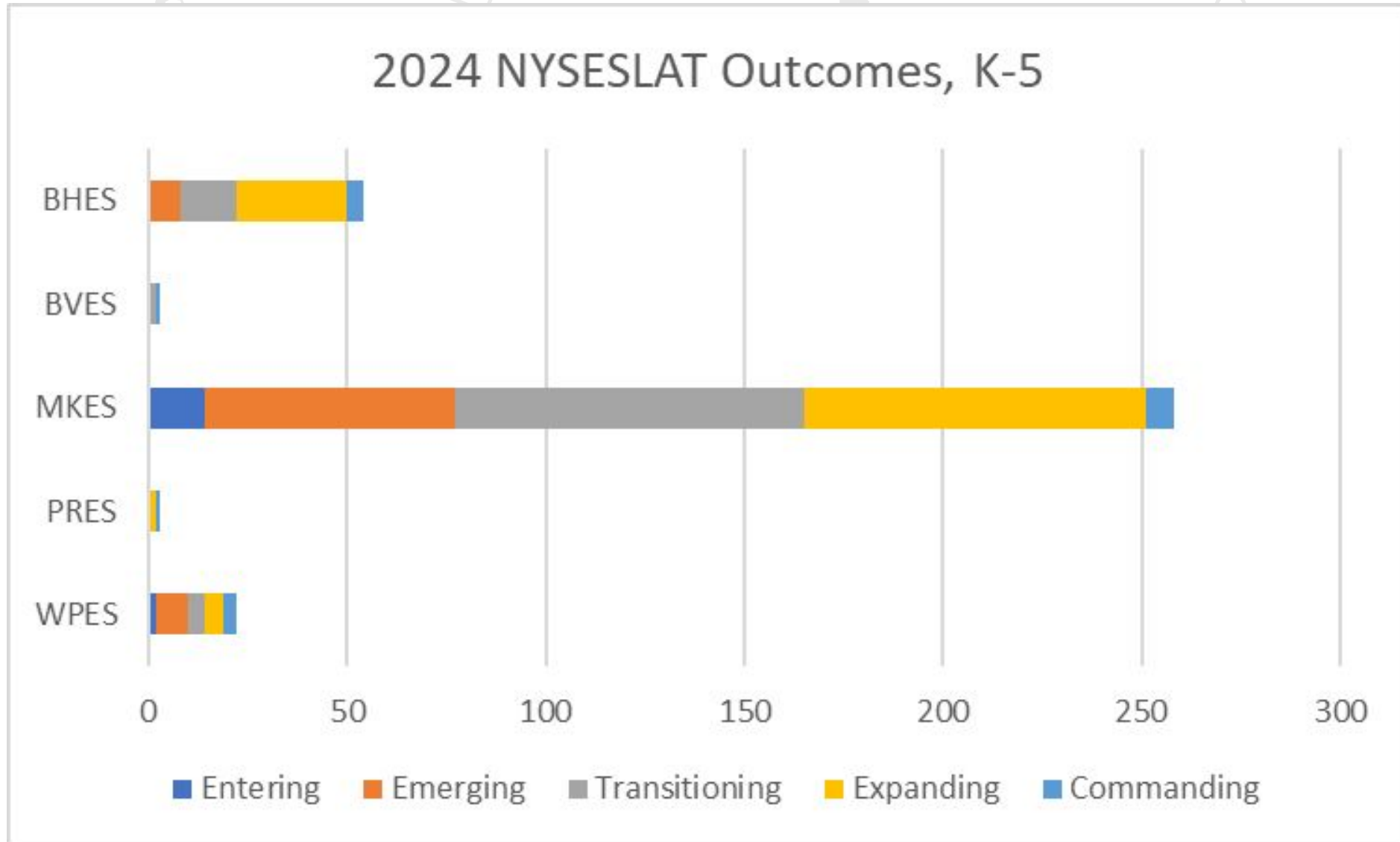
Total by # students

2024 NYSESLAT Outcomes, BCSD K-12

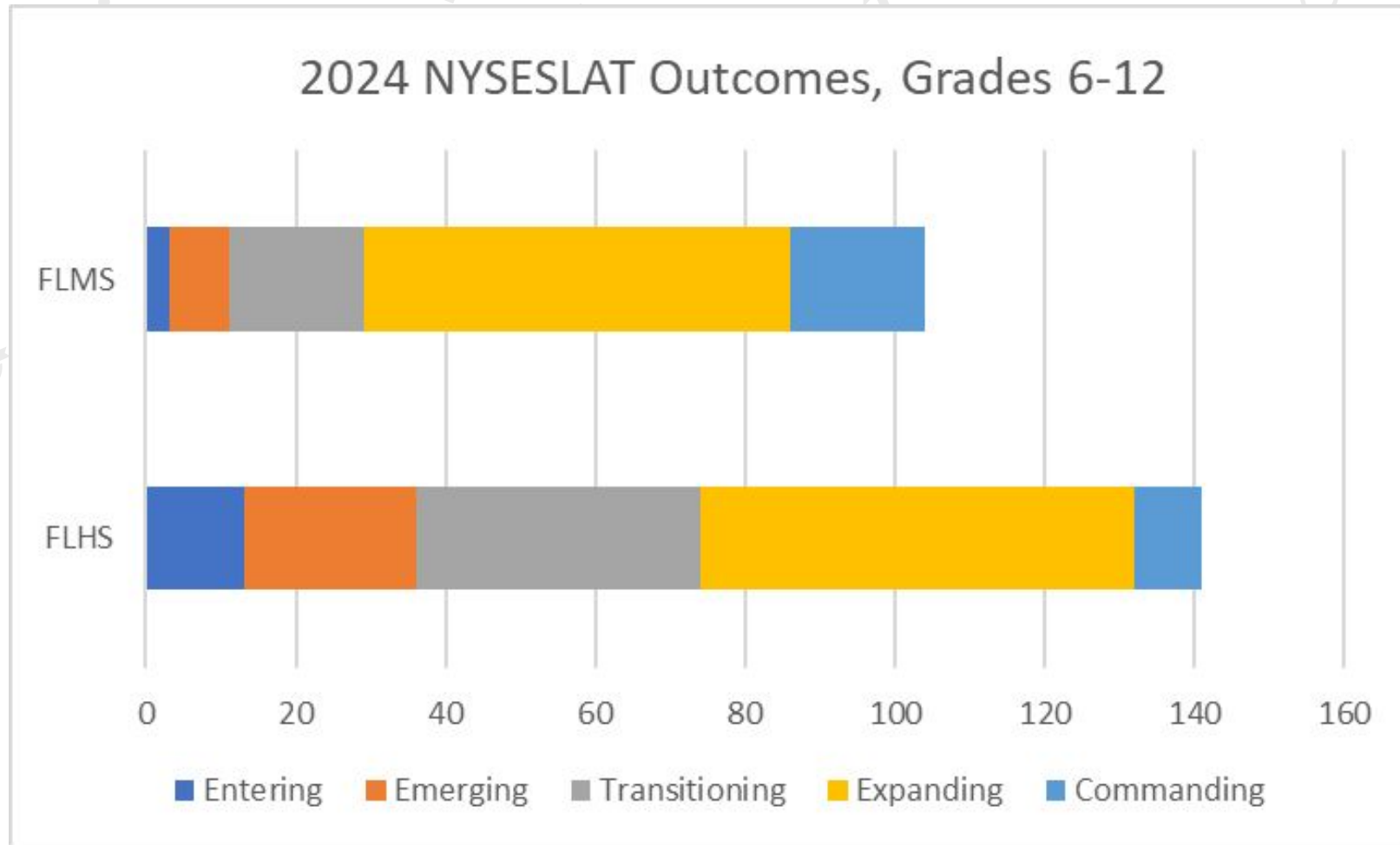


Total by percentage

2024 NYSESLAT Outcomes: Grades K-5



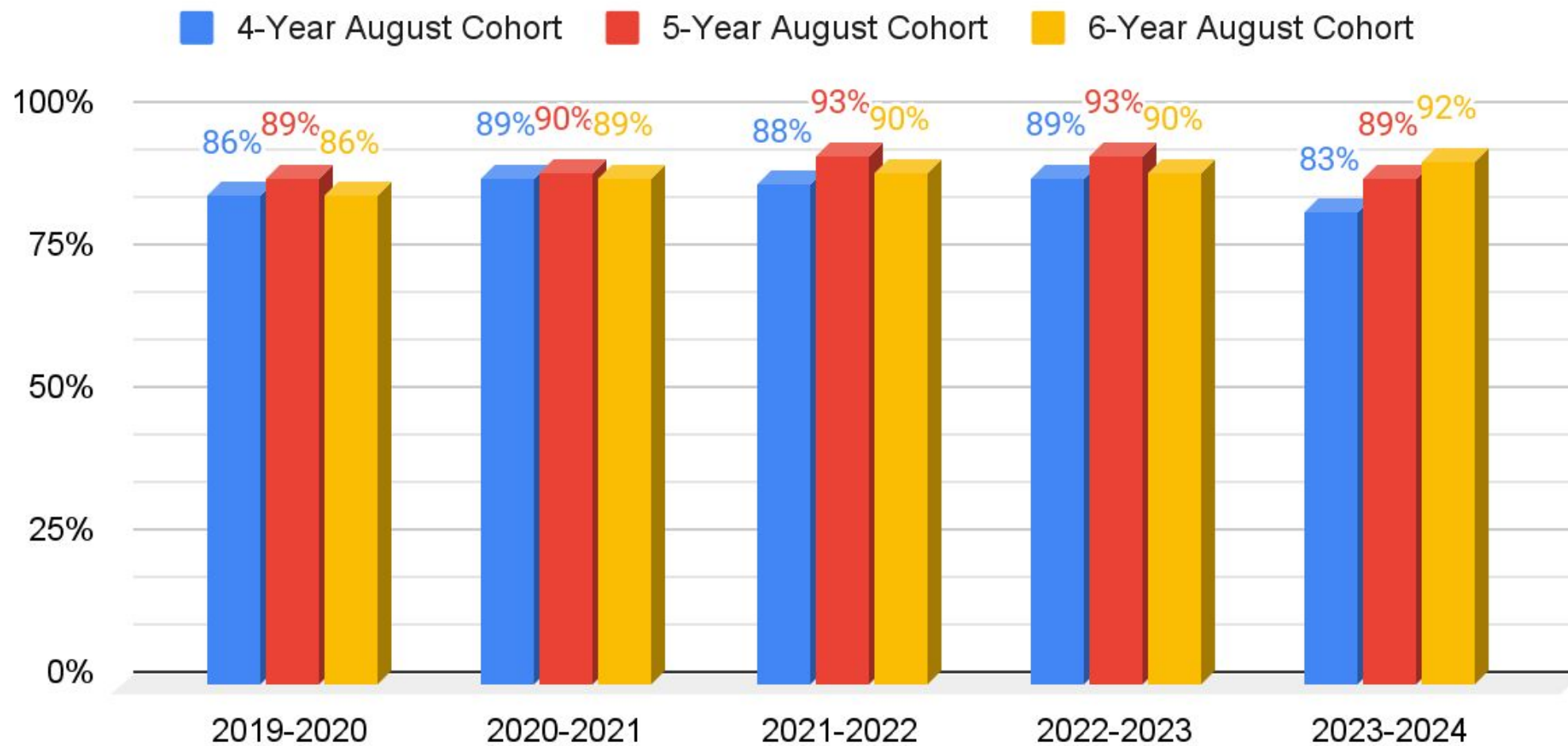
2024 NYSESLAT Outcomes: Grades 6-12



Fox Lane High School Graduation Rates

Spring 2024

Fox Lane High School Graduation Rates (2020-2024)



August Graduation Rates

NOTE: This chart compares 3 cohorts of students each year who graduated within 4-years, 5-years, and 6-years over the past five school years.

Preliminary Findings

- BCSD performs higher than State and Region in **ELA 2024**
- ELA grades 3-6 data continues to remain at 55% proficiency
- Watch for ELA trends as implementation of new literacy curriculum continues in 2024-25
CAUTION: Implementation Dip
- ELA grades 7-8 show significant improvement surpassing pre-pandemic proficiency rates
- BCSD performs higher than State and Region in **Math 2024**
- Grades 3-8 overall 10.8% increase in math proficiency since 2019
- Saw implementation dip in grade 5 Math results (as expected) due to widest implementation gap with new curriculum
- **NEW Grade 5 Science** test was extremely challenging for all students across NYS - Baseline data gives us a starting point



Preliminary Findings

- **Grade 8 Earth Science Regents** shows upward trend with 77% proficiency (8% increase from 2023)
- **Grades 9-12 Regents** continue to outperform the State with a range of 70% to 92% pass rate
- 88% of **AP students** scored 3 or higher
- In 5 subjects, our mean score on AP exams was 4.0 or higher
- **Graduation rates** remain steady at 83% (4-years); 89% (5-years); and 92% (6-years)



Next Steps



- Continue to monitor closely implementation of new **literacy curriculum** across the elementary schools
- Continue **professional development** aligned to Science of Reading and implementation of literacy curriculum in year 2 (ARC Core, Bookworms, UFLI)
- Continue to capitalize on the **upward trend in math data** and fine-tune Bridges curriculum and differentiated instruction aligned to data analysis
- Continue to capitalize on **progress** in both math and literacy by **FLMS** aligned to **data analysis**
- Continue strong, robust programming at **FLHS**; Continue to align curriculum & assessments to NYS Next Generation standards
- Await guidance from NYSED on **new graduation measures** and implications for BCSD



Any Questions?

THANK YOU!



Thank you to Dr. Rob Glass, David Gee and technology department, Adrienne Viscardi, Dr. Toni Ann Carey, Principals, Assistant Principals, Coordinators, and Coaches

CREDITS.

Presentation Template: [SlidesMania](https://www.slidesmania.com)

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