

BOE Meeting
October 8, 2024



ASSESSMENT DATA HIGHLIGHTS 2023-2024



Abbreviated Version of Three Combined Data Presentations
by Genevieve LaGattuta & Dan Danbusky



Grades 3-8

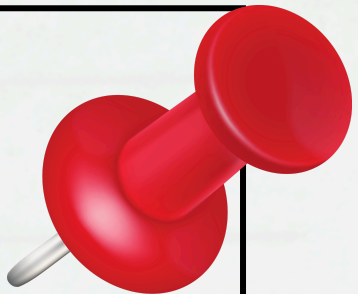
NYS ASSESSMENT DATA

BOE Presentation
OCTOBER 8, 2024

2023-
2024

CSH Historical Proficiency Rates

NYS 3-8 ELA & Math Assessments



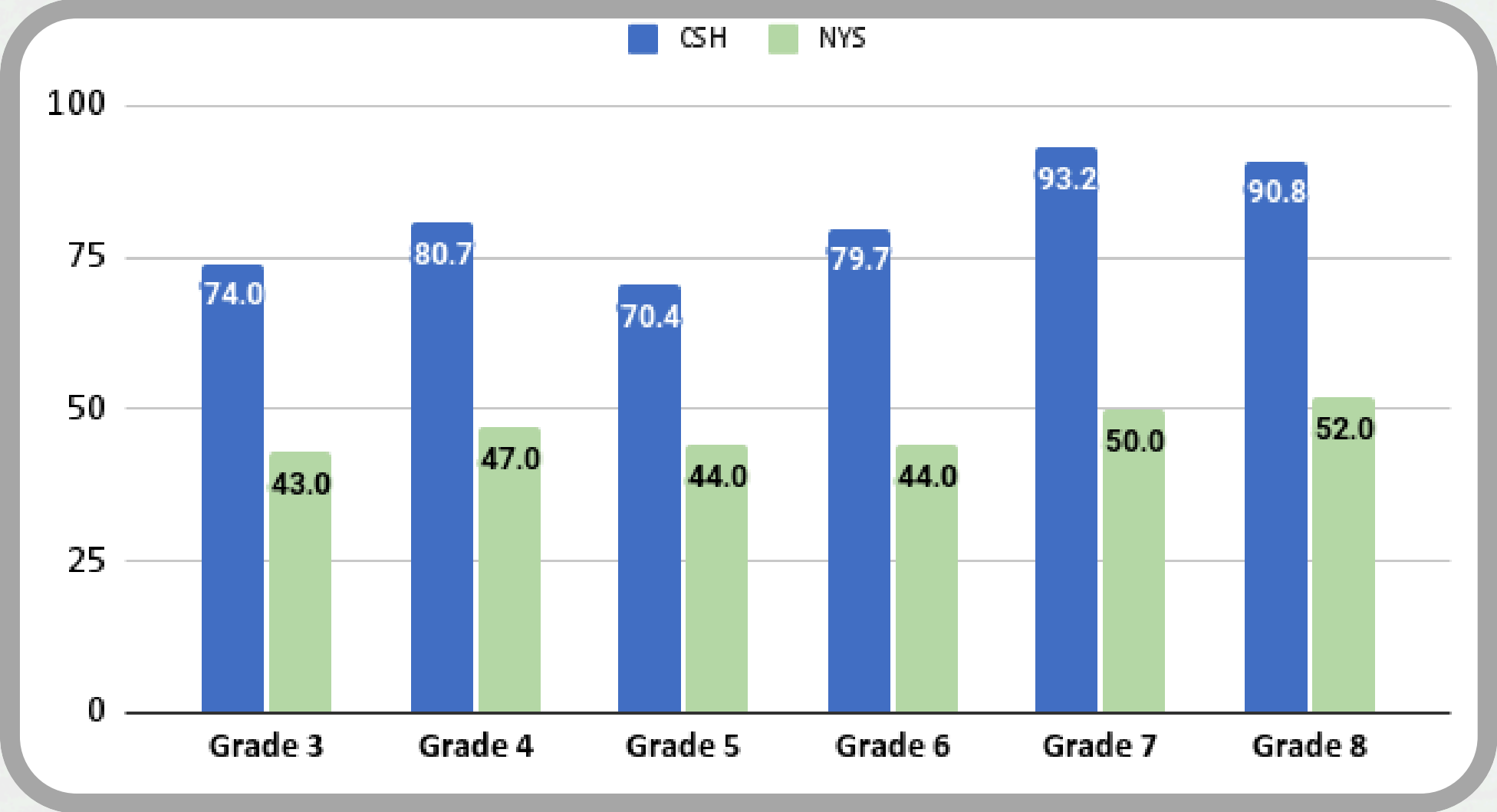
	NYS ELA Proficiency	NYS Math Proficiency
2024	81%	90%
2023	81%	89%
2022	80%	77%
*2021	86%	81%
2019	74%	82%
2018	71%	76%

*Proficiency rates only based on multiple-choice questions in this administration

Proficiency: Scoring a 3 or 4

Cold Spring Harbor Central School District, 2024

CSH Proficiency Percentages ELA 2023-2024



from NEWSday: SEPTEMBER 17, 2024



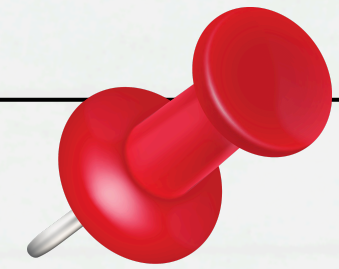
TESTS IN ENGLISH LANGUAGE ARTS/GRADES 3-8

Percentage of students scoring proficient or above

Year	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grades 3-8
2024	43%	47%	44%	44%	50%	52%	46%
2023	45%	49%	45%	46%	48%	55%	48%

SOURCE: STATE EDUCATION DEPARTMENT

ELA Proficiency Rates by Grade Level



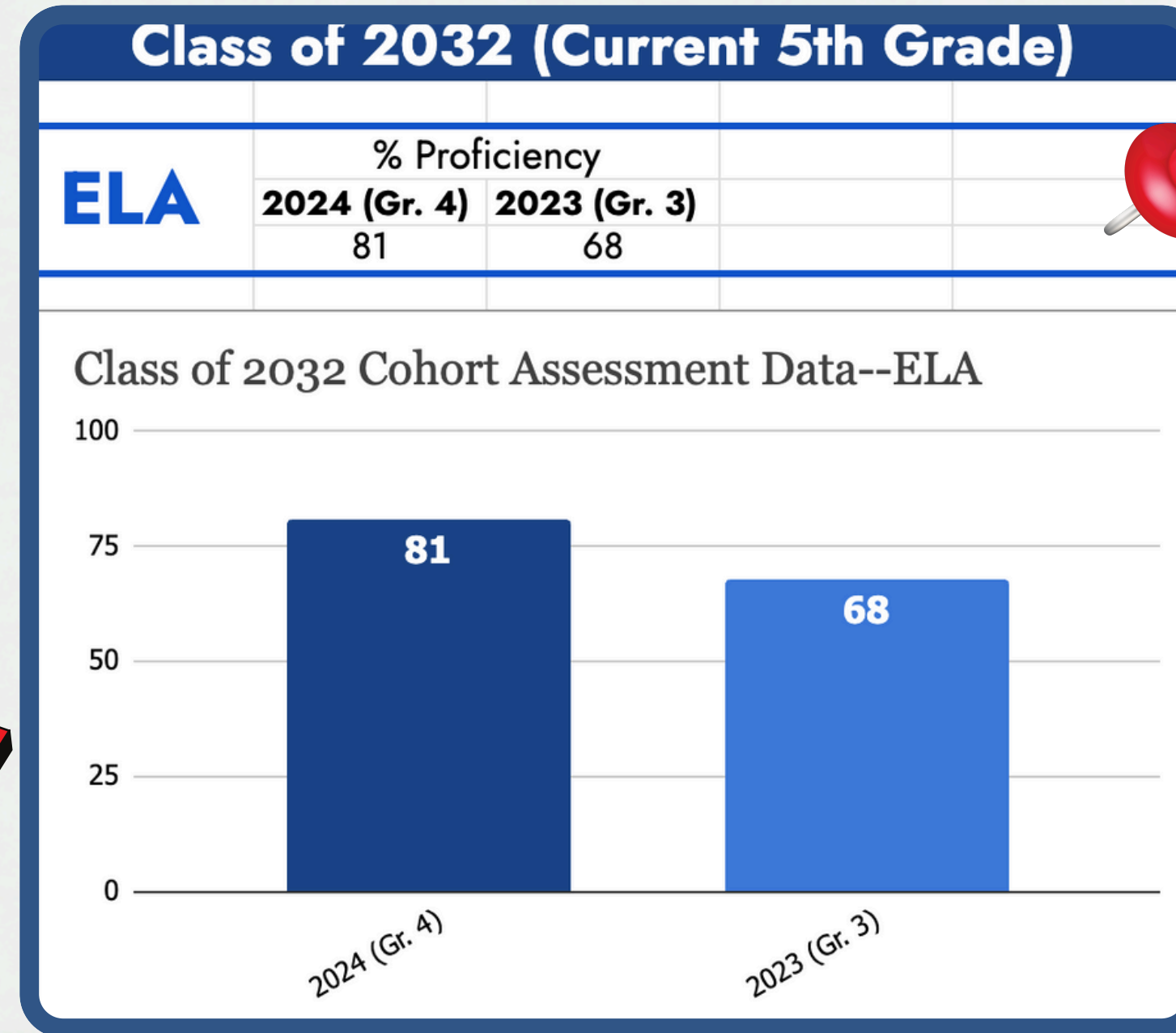
	2024	2023	2022	*2021	2020	2019	2018
Grade 3	74%	68%	77%	88%	N/A	84%	78%
Grade 4	81%	80%	76%	93%	N/A	72%	73%
Grade 5	70%	81%	79%	79%	N/A	58%	60%
Grade 6	80%	91%	91%	94%	N/A	79%	78%
Grade 7	93%	81%	77%	72%	N/A	69%	69%
Grade 8	91%	85%	76%	87%	N/A	79%	70%

*Proficiency rates only based on multiple-choice questions in this administration

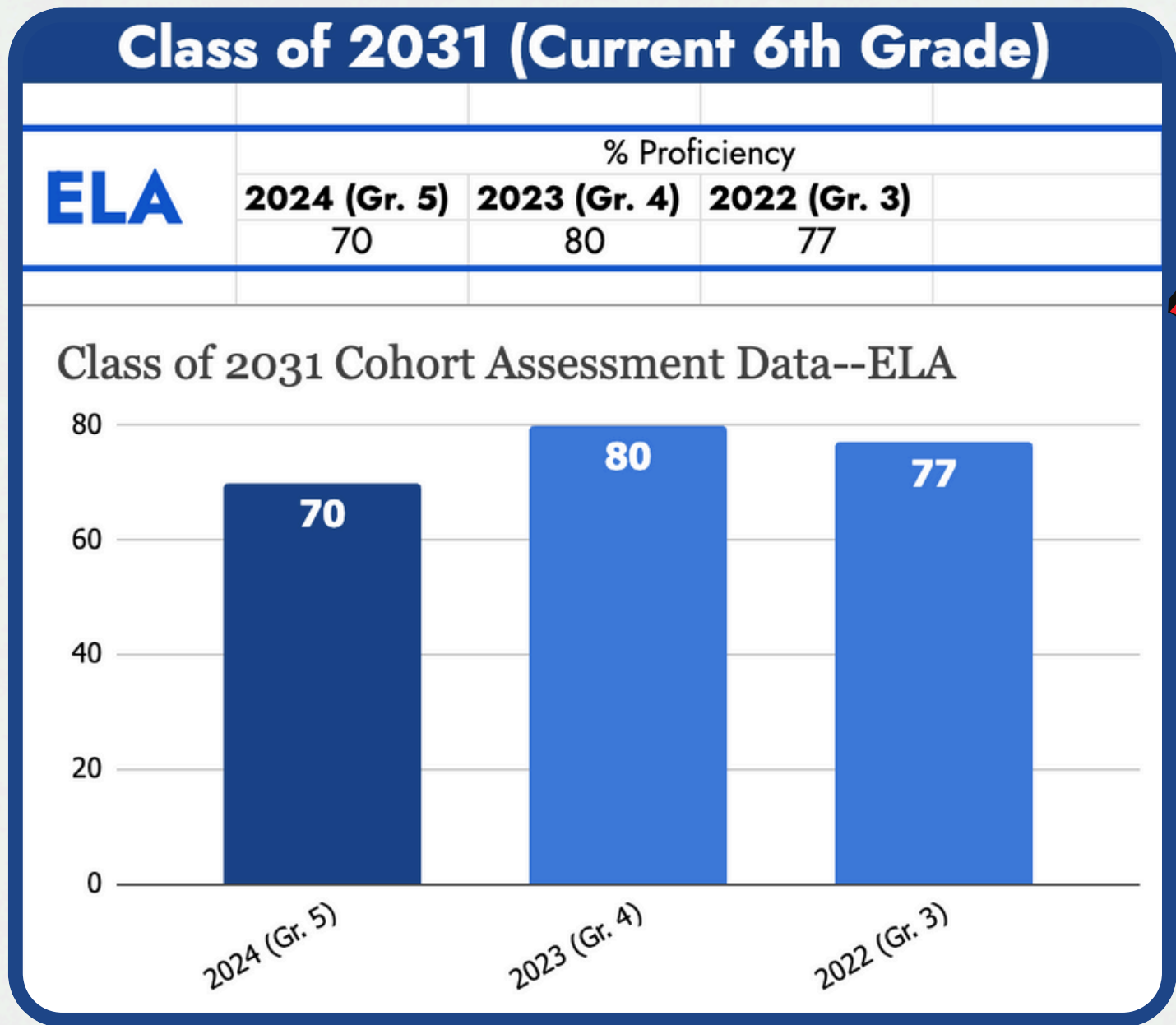
Proficiency: Scoring a 3 or 4

Cold Spring Harbor Central School District, 2024

Each Cohort AT A GLANCE



Grade
4

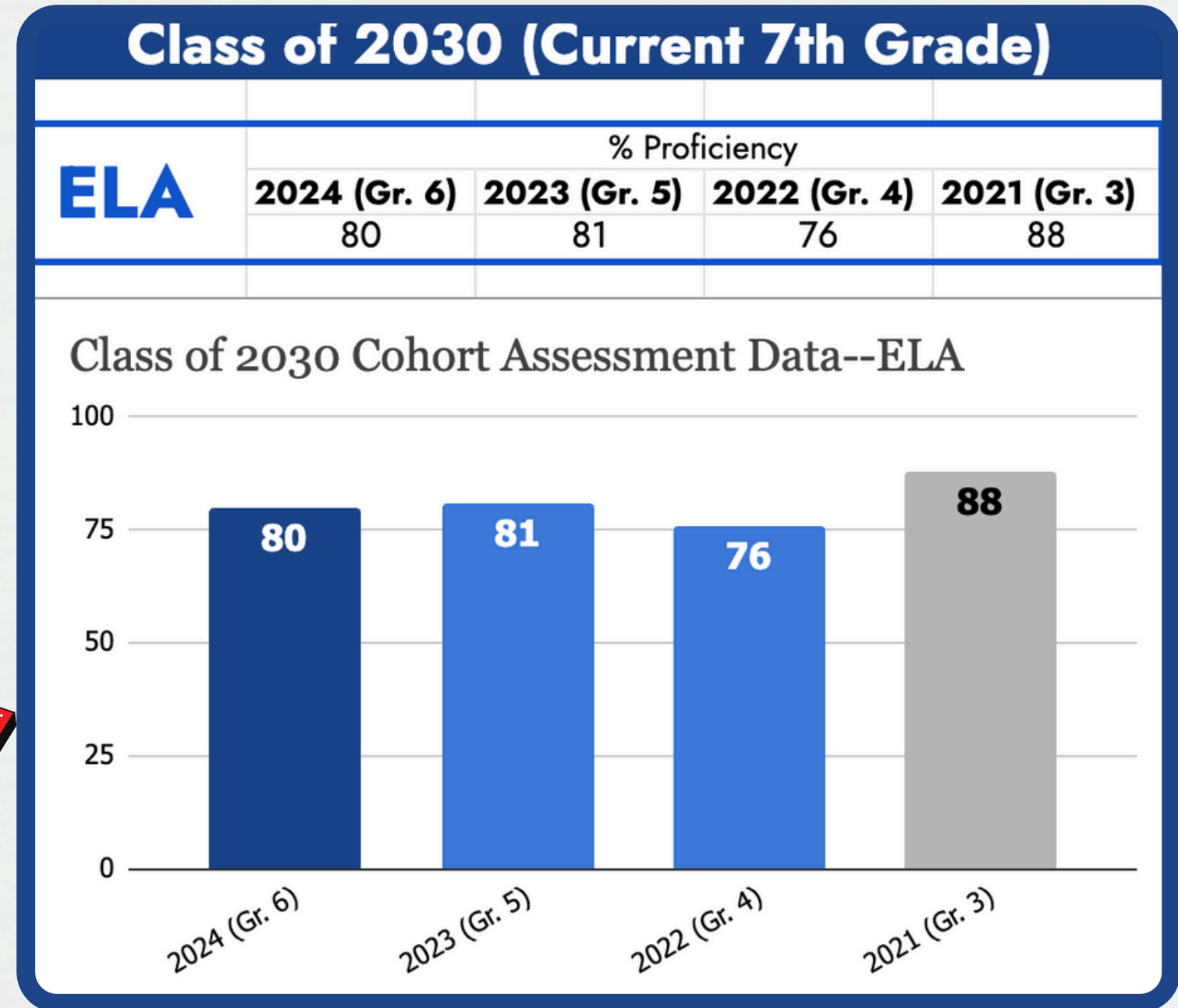


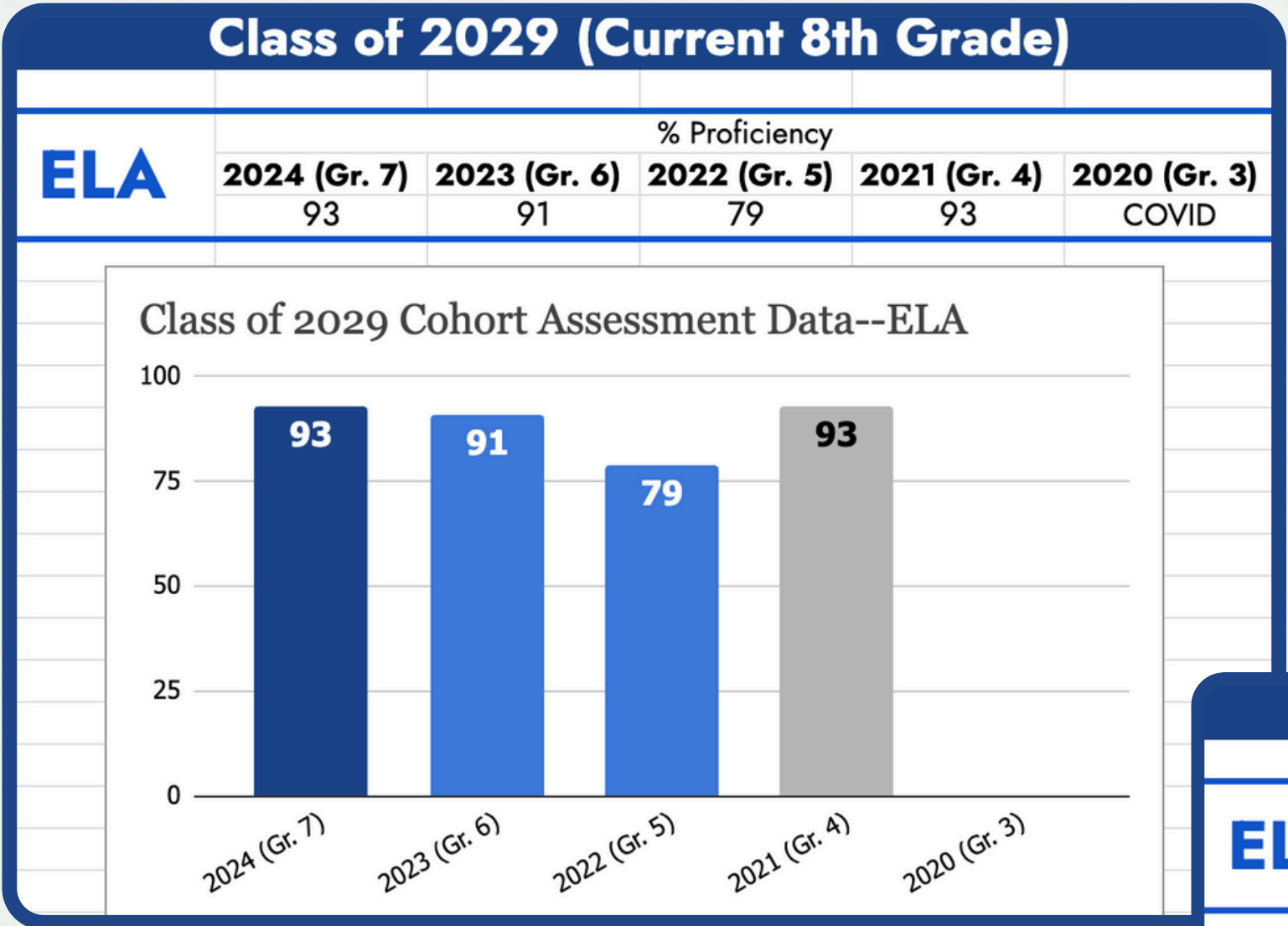
Grade
5



Each Cohort
AT A GLANCE

Grade
6

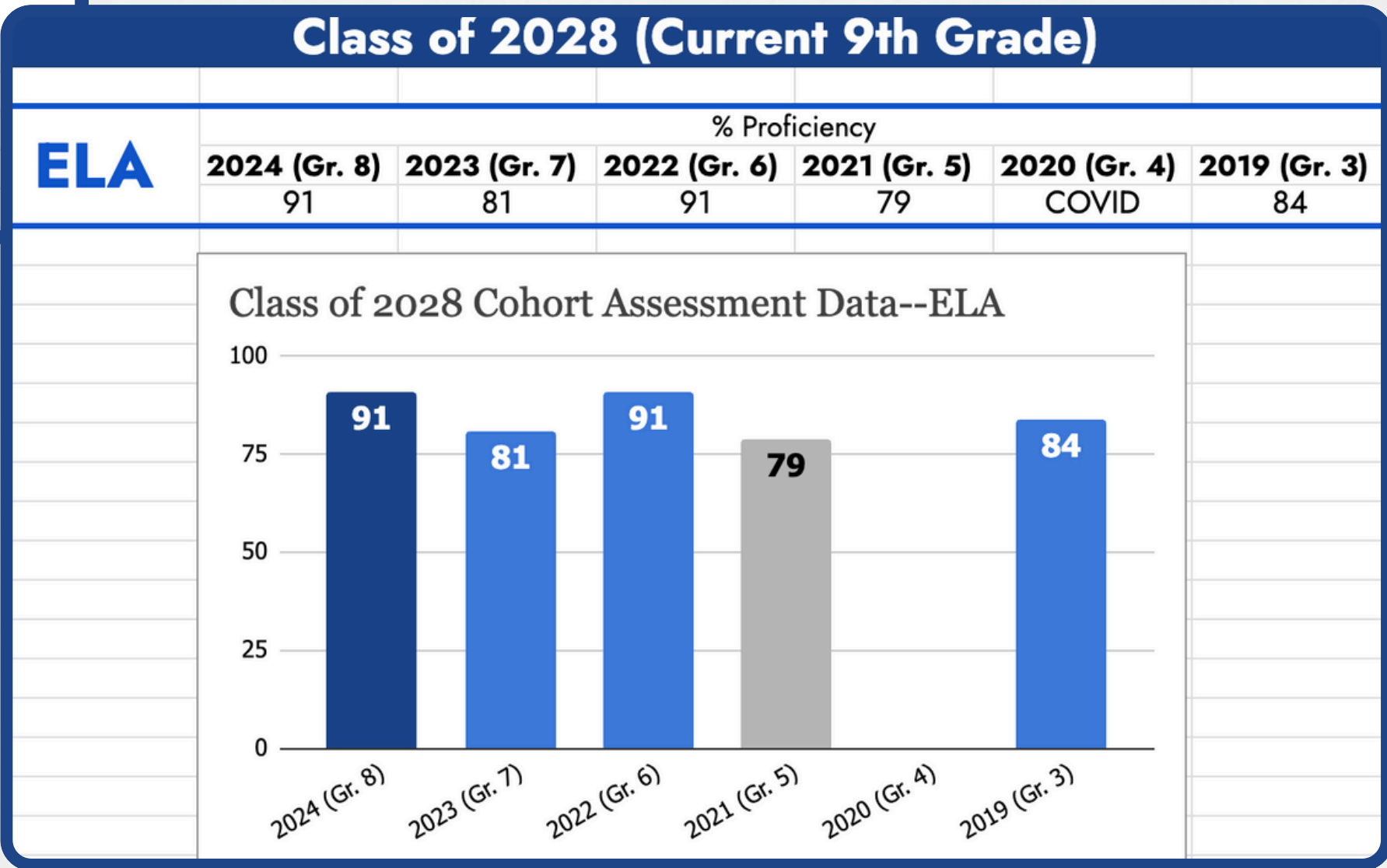




Grade
7

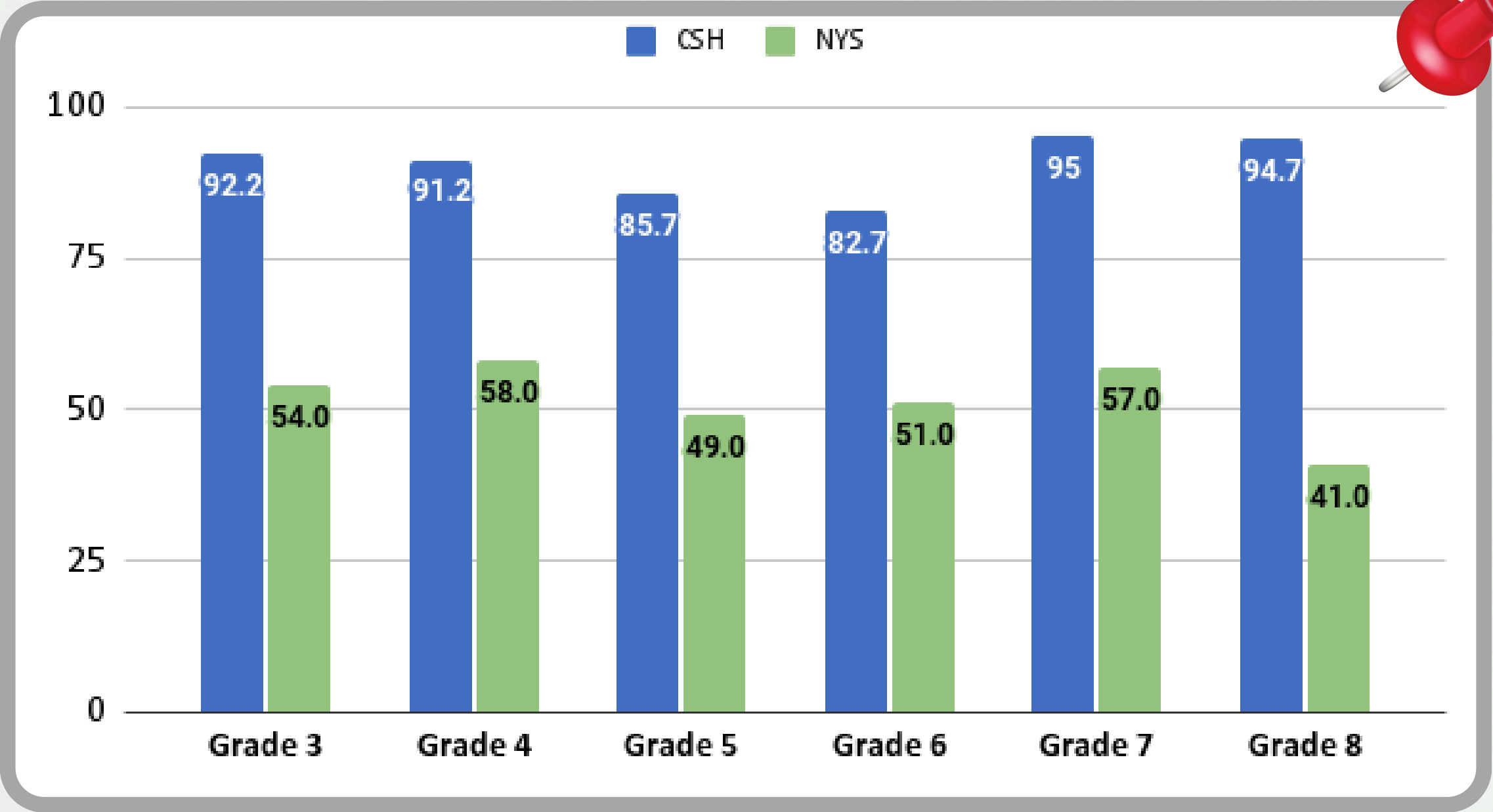


Grade
8

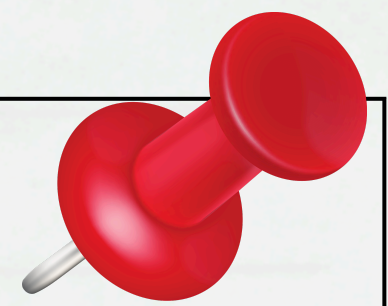


Each Cohort
AT A GLANCE

CSH Proficiency Percentages Mathematics 2023-2024



Math Proficiency Rates by Grade Level



	2024	2023	2022	*2021	2020	2019	2018
Grade 3	92%	83%	76%	90%	N/A	91%	87%
Grade 4	91%	92%	84%	92%	N/A	84%	80%
Grade 5	86%	89%	80%	69%	N/A	71%	67%
Grade 6	83%	94%	80%	87%	N/A	91%	81%
Grade 7	95%	92%	73%	70%	N/A	79%	79%
^Grade 8	95%	73%	39%	55%	N/A	44%	44%

*Proficiency rates only based on multiple-choice questions in this administration

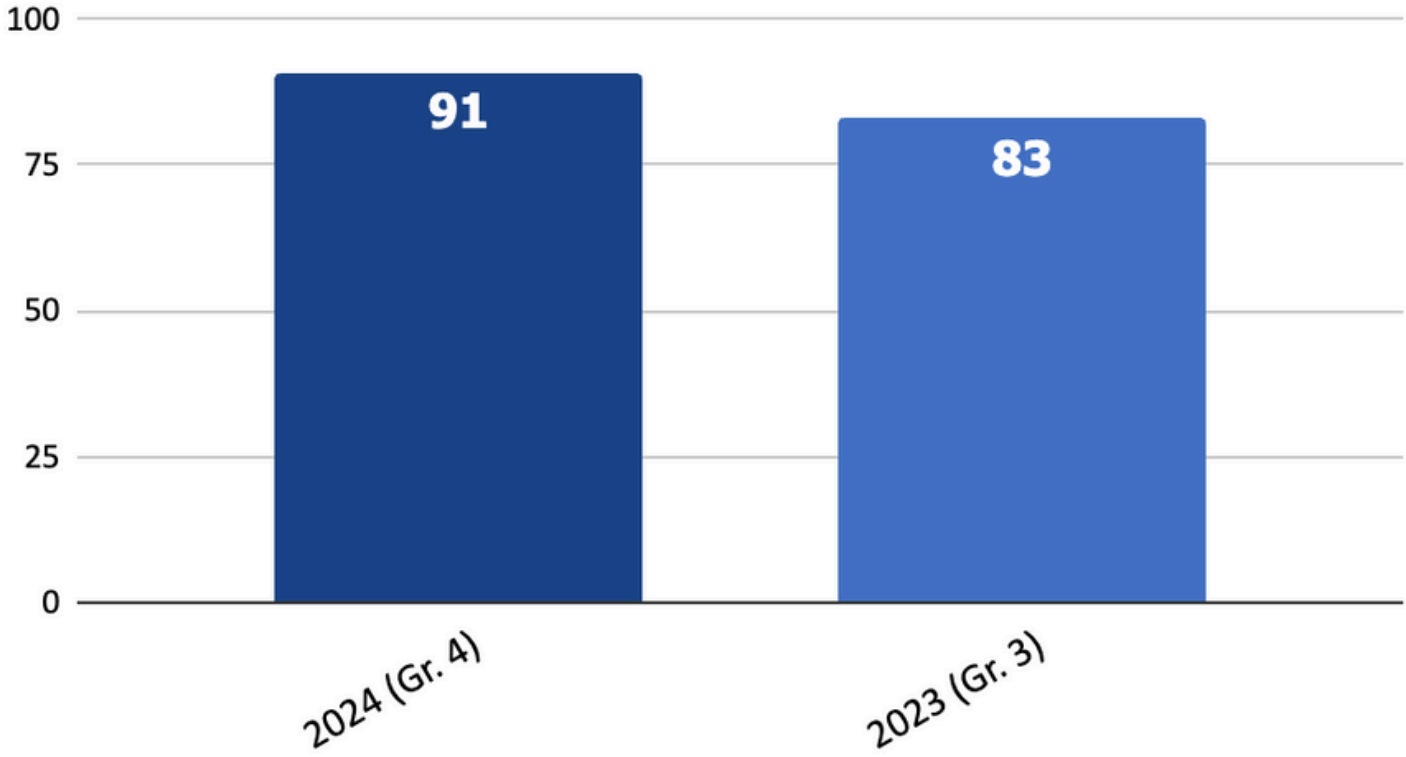
^On average, approximately half of our 8th grade students take Algebra I Regents Accelerated and take the Algebra I Regents rather than the NYS Math 8 Assessment.

Each Cohort AT A GLANCE

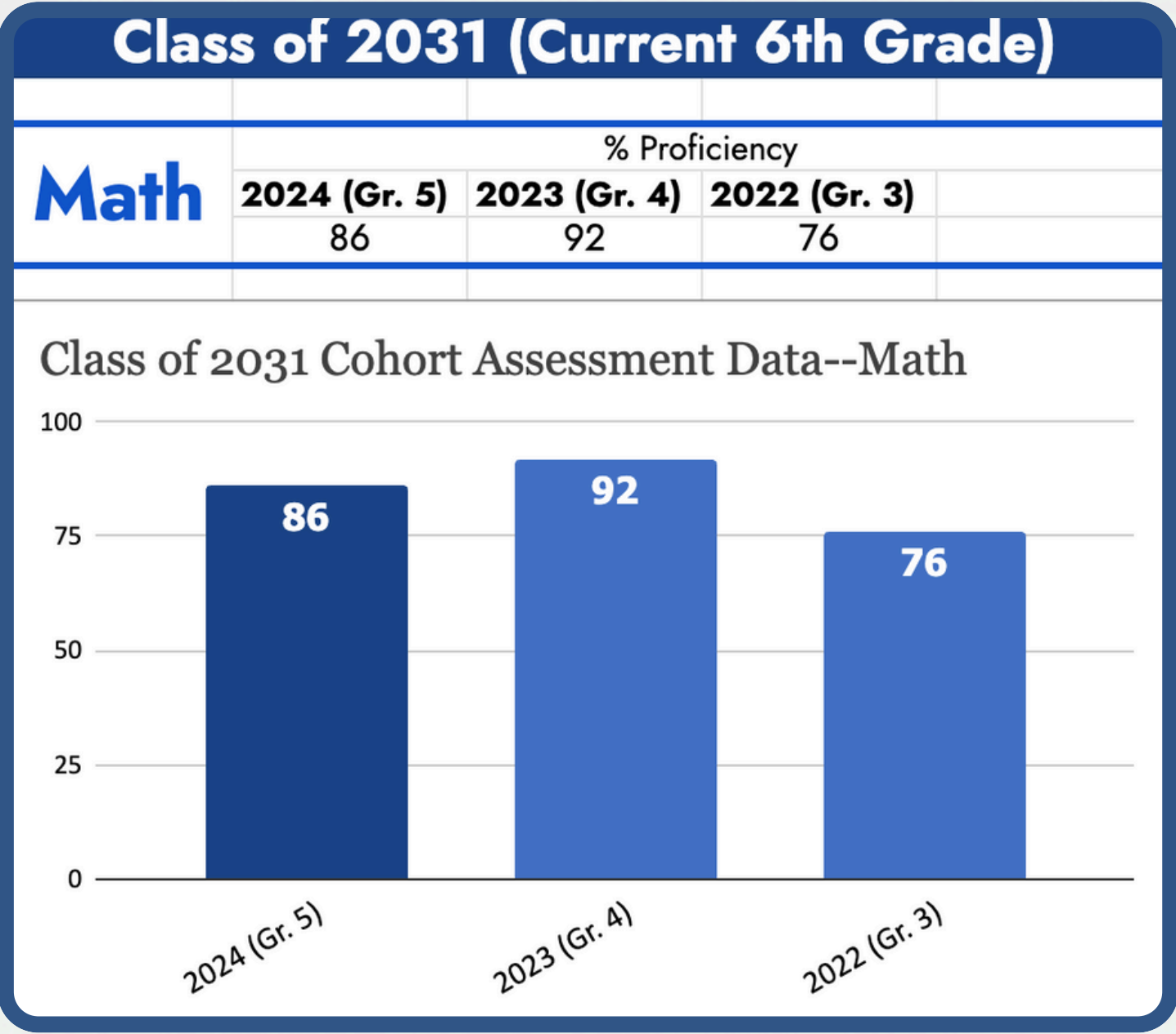
Class of 2032 (Current 5th Grade)

Math	% Proficiency	
	2024 (Gr. 4)	2023 (Gr. 3)
	91	83

Class of 2032 Cohort Assessment Data--Math



Grade
4

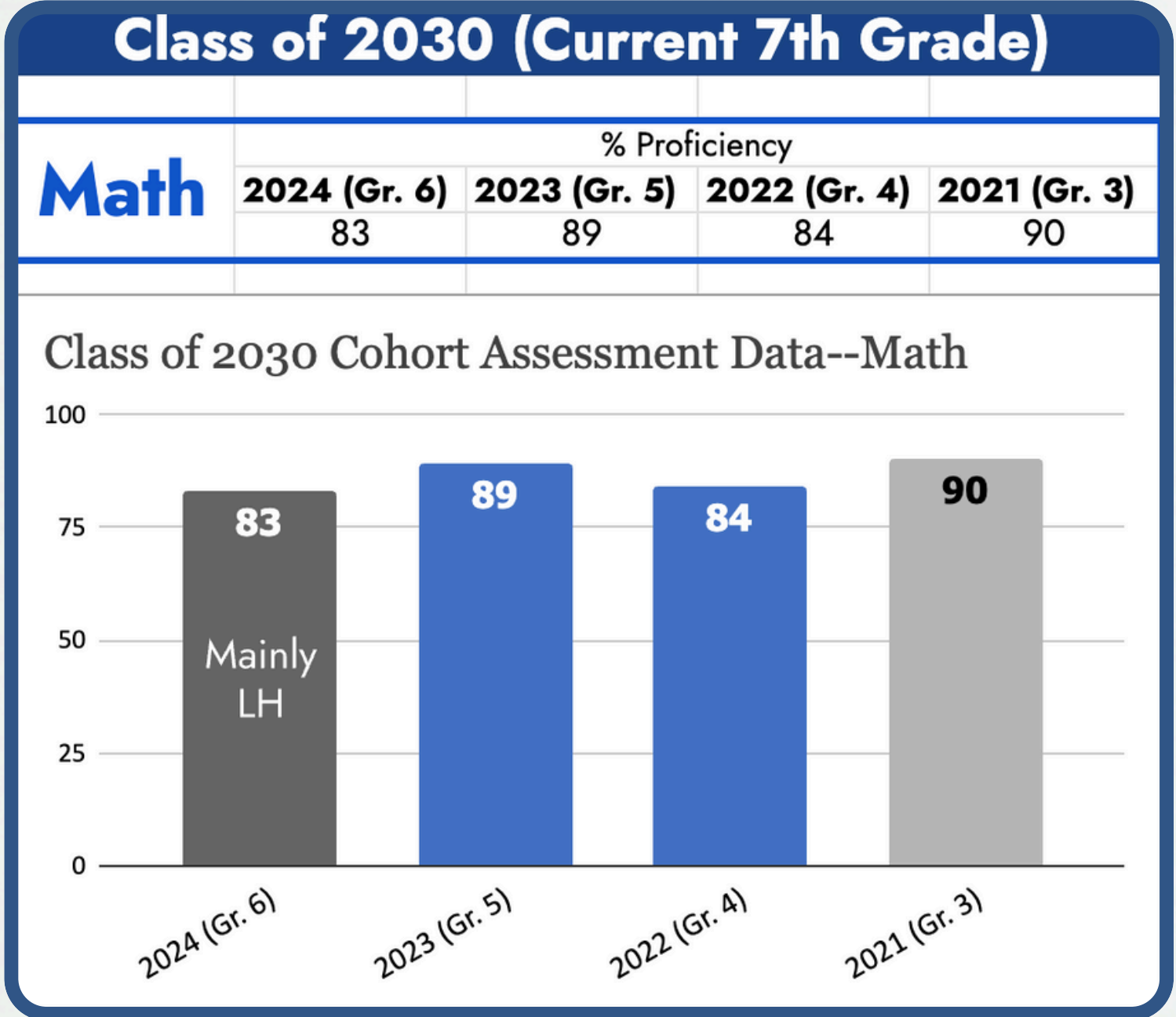


Grade
5



Each Cohort
AT A GLANCE

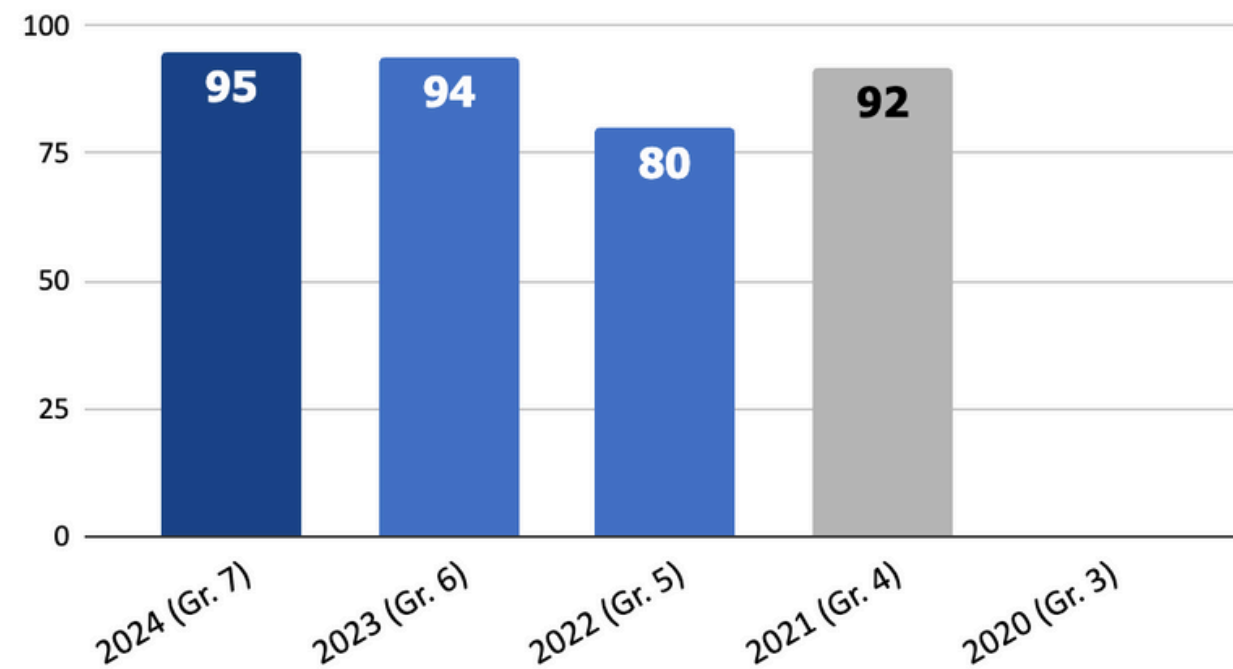
Grade
6



Class of 2029 (Current 8th Grade)

Math	% Proficiency				
	2024 (Gr. 7)	2023 (Gr. 6)	2022 (Gr. 5)	2021 (Gr. 4)	2020 (Gr. 3)
	95	94	80	92	COVID

Class of 2029 Cohort Assessment Data--Math



Grade
7



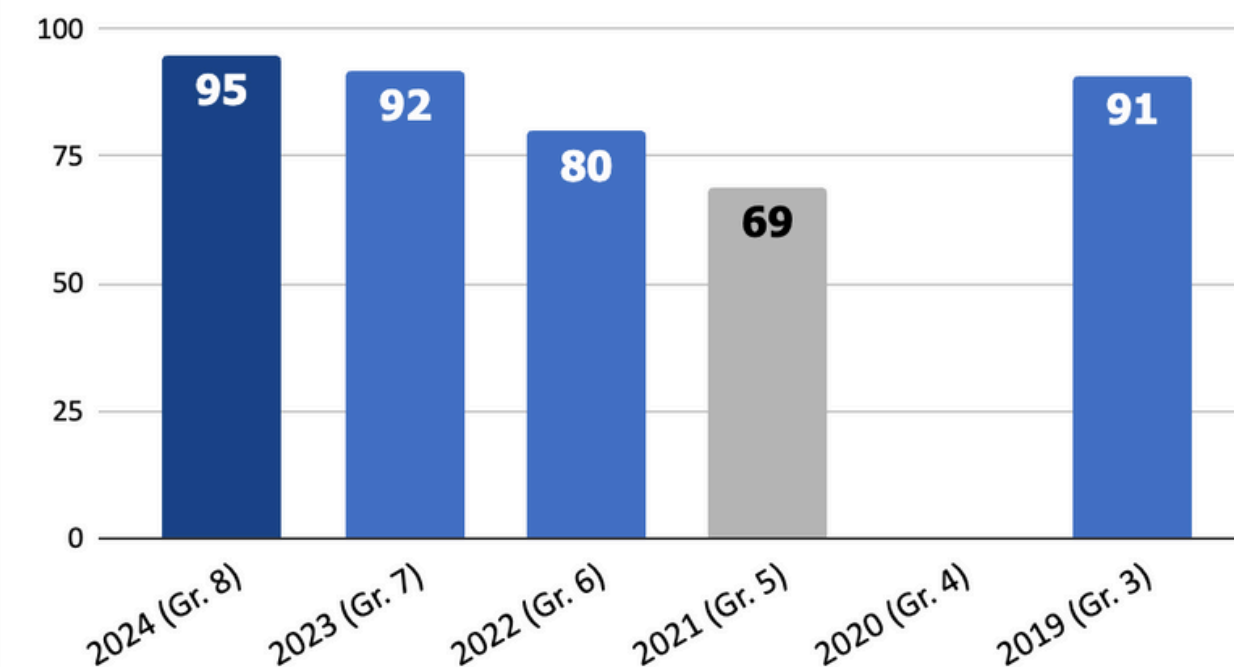
Grade
8



Class of 2028 (Current 9th Grade)

Math	% Proficiency					
	2024 (Gr. 8)	2023 (Gr. 7)	2022 (Gr. 6)	2021 (Gr. 5)	2020 (Gr. 4)	2019 (Gr. 3)
	95	92	80	69	COVID	91

Class of 2028 Cohort Assessment Data--Math



Each Cohort
AT A GLANCE

Action Steps

PAST FEW YEARS & ONGOING

FURTHER DATA
ANALYSES BY
TEACHERS AND
ADMIN (BARS AND
STAR REPORTS)

LITERACY COACH
TO SUPPORT
TEACHERS IN
GRADES K-6

ONGOING
PROFESSIONAL
LEARNING IN
LITERACY, CENTERED
AROUND SCIENCE OF
READING, DURING SCD

ONGOING LITERACY
TRAINING THROUGH
CONSULTANTS OF
JENNIFER SERRAVALLO,
GR. K-8

ONGOING TRAINING
FOR SECONDARY
MATH LAB TEACHERS
TO STRENGTHEN
DIFFERENTIATION
PRACTICES

STANDARDS-BASED
BENCHMARK
ASSESSMENTS IN
MATHEMATICS FOR
GR. K-8

PROGRAM REVIEW &
PILOT FOR ELEMENTARY
MATH WITH GOAL OF
IMPLEMENTING A
CONSISTENT MATH
PROGRAM ACROSS
GR. K-8

ADDITIONAL TIME
ALLOCATED TO
MATH AT THE
ELEMENTARY LEVEL
TO FOSTER
CENTERS/STATIONS

QUARTERLY
REVIEW
SESSIONS IN ELA
AND MATH FOR
GR. 7-8

ORTON-GILLINGHAM
TRAINING BY IMSE
FOR LOWER
ELEMENTARY
TEACHERS



AP Exam Results

2023-2024

BOE Presentation

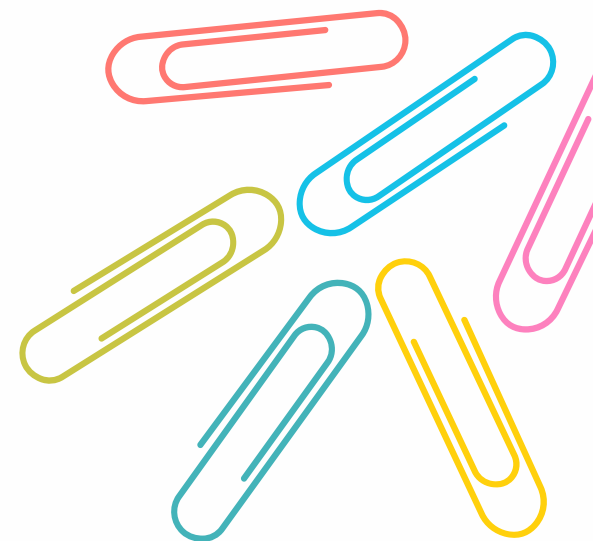
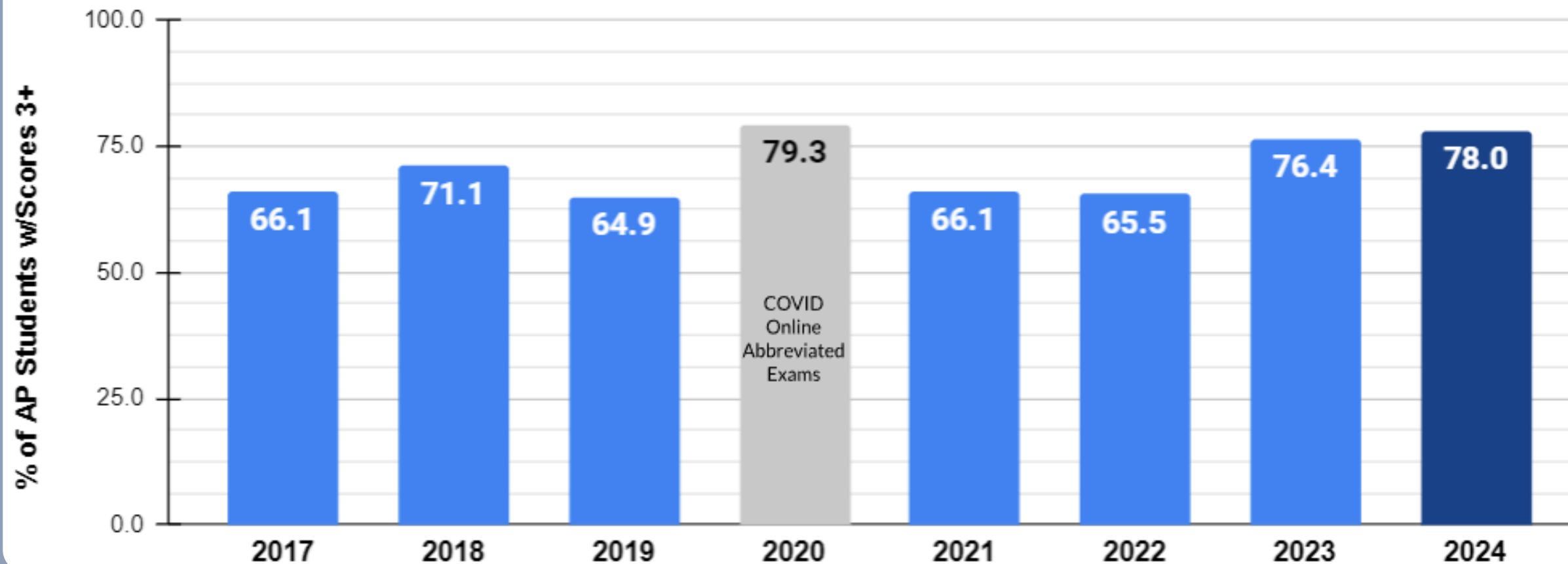
October 8, 2024

AP EXAM RESULTS, 2023-2024

8-YEAR SNAPSHOT



% of AP Students in 2024 w/Scores 3+



	2017	2018	2019	2020	2021	2022	2023	2024
Total AP Students	401	405	399	347	316	330	322	314
Enrollment (9-12)	663	649	630	580	553	544	494	487
% of AP Students	60.5	62.4	63.3	59.8	57.1	60.7	65.2	64.9
Total Number of Exams	921	945	1005	924	846	887	881	946
Number of Exams with Scores 3+	567	591	628	656	467	479	585	692
% of AP Students w/Scores 3+	66.1	71.1	64.9	79.3	66.1	65.5	76.4	78.0

AP EXAM RESULTS, 2023-2024

SUMMARY

↑ = INCREASE FROM PRIOR YEAR

↓ = DECREASE FROM PRIOR YEAR

2024

	2D Art & Design	Art History	Biology	Calc AB	Calc BC	Chemistry	Comp Sci A	Comp Sci Prin.	Drawing	Eng Lang Comp
# of Exams	15 ↓	6	50 ↑	45 ↓	22 ↑	11 ↑	19 ↓	21 ↑	9 ↑	48 ↓
Av. Score	2.9 ↓	3.5	3.0 ↑	2.9 ↑	4.8 ↑	3.9 ↑	4.3	3.7 ↑	3.2 ↑	3.7 ↑
% 3 or Higher	67% ↓	83%	62% ↑	53% ↑	100% ↑	91% ↓	100% ↑	90% ↑	100% ↑	90% ↑

2023

	2D Art & Design	Art History	Biology	Calc AB	Calc BC	Chemistry	Comp Sci A	Comp Sci Prin.	Drawing	Eng Lang Comp
# of Exams	17		45	53	15	6	36	12	6	49
Av. Score	3.1		2.8	2.6	4.3	3.7	4.3	3.3	2.8	3.5
% 3 or Higher	71%		58%	45%	93%	100%	97%	75%	67%	86%

AP EXAM RESULTS, 2023-2024

SUMMARY

↑ = INCREASE FROM PRIOR YEAR

↓ = DECREASE FROM PRIOR YEAR

■ = CHALLENGED THE EXAM; COURSE DID NOT RUN

2023
2024

	Eng Lit Comp	Env Science	Euro History	French Lang	Human Geo	Macro Eco	Music Theory	Phys 1	Phys 2	Phys C: E&M
# of Exams	24 ↑	39 ↓	16 ↓	23 ↑	49 ↑	85 ↓	7	47 ↑	30 ↓	22 ↑
Av. Score	4.3 ↑	2.9 ↑	3.4 ↑	2.0 ↓	2.4	3.0 ↑	3.4	3.1 ↓	2.8 ↓	3.5
% 3 or Higher	96% ↓	54% ↓	88% ↑	26% ↓	43% ↓	62% ↑	86%	72% ↓	57% ↓	68% ↓

2022
2023

	Eng Lit Comp	Env Science	Euro History	French Lang	Human Geo	Macro Eco	Music Theory	Phys 1	Phys 2	Phys C: E&M
# of Exams	19	55	18	10	40	103	3	36	38	12
Av. Score	3.8	2.8	3.2	2.3	2.4	2.7	2.7	3.5	3.0	3.5
% 3 or Higher	100%	60%	67%	40%	50%	53%	67%	75%	71%	83%

AP EXAM RESULTS, 2023-2024

SUMMARY

↑ = INCREASE FROM PRIOR YEAR

↓ = DECREASE FROM PRIOR YEAR

 = CHALLENGED THE EXAM; COURSE DID NOT RUN

2023
2024

	Phys C: Mech	Precalculus	Psychology	Seminar	Spanish Lang	Statistics	US Gov Politics	US History	World History Mod
# of Exams	22 ↑	17	33 ↑	23	46 ↓	42 ↓	21 ↑	96 ↑	54 ↓
Av. Score	3.9	4.7	4.0 ↑	3.4	2.5 ↑	3.7 ↑	3.3 ↑	3.2 ↑	3.4 ↑
% 3 or Higher	91% ↓	100%	94% ↓	100%	46% ↑	88% ↑	81% ↑	75% ↑	76% ↓

2022
2023

	Phys C: Mech	Precalculus	Psychology	Seminar	Spanish Lang	Statistics	US Gov Politics	US History	World History Mod
# of Exams	12		28		62	43	11	78	73
Av. Score	3.9		3.9		2.3	3.3	2.5	2.8	3.3
% 3 or Higher	100%		96%		34%	74%	45%	60%	79%

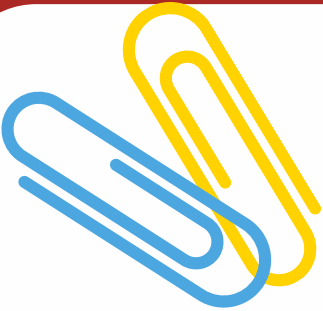


AP Participation Rates 2023-2024

2023-2024 AP Data	Count	Unique AP Students	% Unique AP Students	Exams Per Grade	Exams Per AP Student
9-12 Enrollment	487	314	64.48%	946	3.01
Grade 9	115	1	0.87%	1	1
Grade 10	101	78	77.23%	163	2.09
Grade 11	137	114	83.21%	356	3.12
Grade 12	134	121	90.30%	426	3.52



COLD SPRING HARBOR

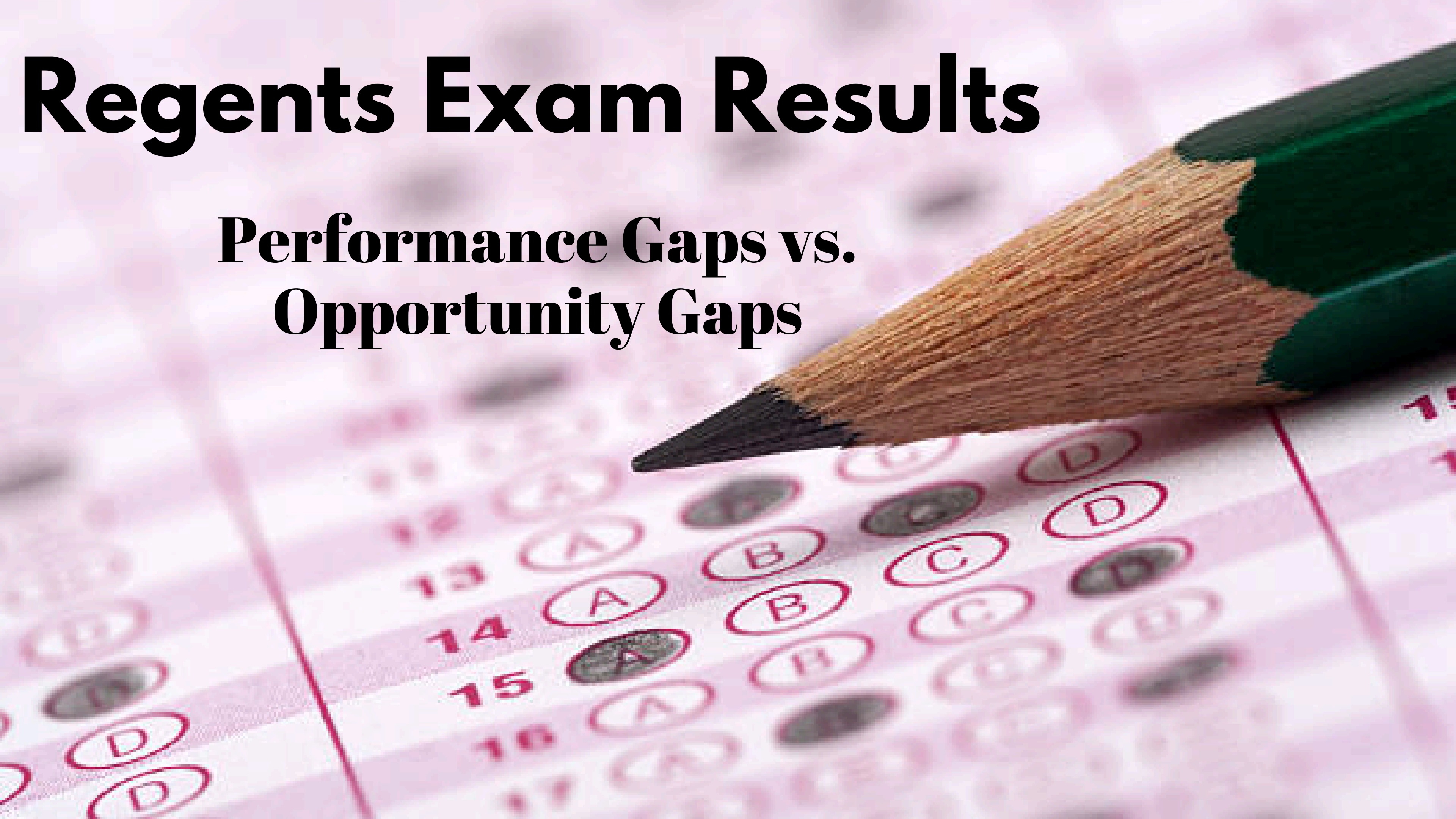


2022-2023

	Count	Unique Students	% Unique Taking an AP	Exams Per Grade	Exams Per AP Student
	494	322	65.18%	868	2.69
9	102	1	0.98%	3	3
10	134	97	72.39%	153	1.58
11	135	111	82.22%	313	2.82
12	123	113	91.87%	399	3.53

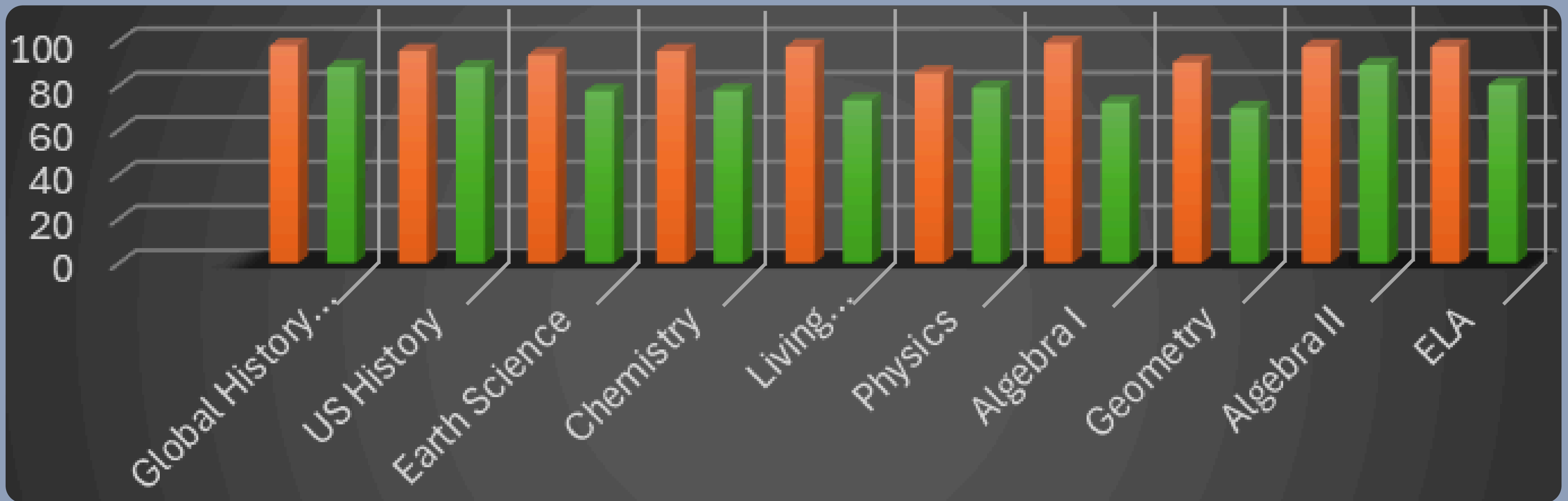
Regents Exam Results

Performance Gaps vs. Opportunity Gaps



REGENTS EXAMS 2024

PROFICIENCY



Proficiency Rates on 23.24 Regents Exams CSH

Proficiency Rates on 23.24 Regents Exams Suffolk

REGENTS EXAMS 2024

MASTERY



■ Mastery Rates on 23.24 Regents Exams CSH

■ Mastery Rates on 23.24 Regents Exams Suffolk

3-YEAR TREND FOR REGENTS EXAMS

OVERVIEW OF REGENTS DATA

June 2024 Results				
Exam	Tests	Average	Mastery	Passing
Living Environment	124	85.82	64.52%	97.58%
Earth Science	80	85.6	62.5%	93.75%
Chemistry	90	83.39	50%	95.56%
Physics	14	75.79	21.43%	85.71%
Exam	Tests	Average	Mastery	Passing
Algebra 1	114	87.22	64.91%	99.12%
Algebra 2	118	85.22	50%	97.46%
Geometry	107	81.47	49.53%	90.65%
Exam	Tests	Average	Mastery	Passing
ELA	127	88.28	79.53%	97.64%
US History	137	80.98	36.50%	95.62%
Global History	101	84.79	56.44%	98.02%
Exam	Tests	Average	Mastery	Passing
French A	43	92.65	93.02%	100%
Spanish A	79	93.62	92.41%	100%
French B	24	91	70.83%	100%
Spanish B	71	87.61	67.61%	100%

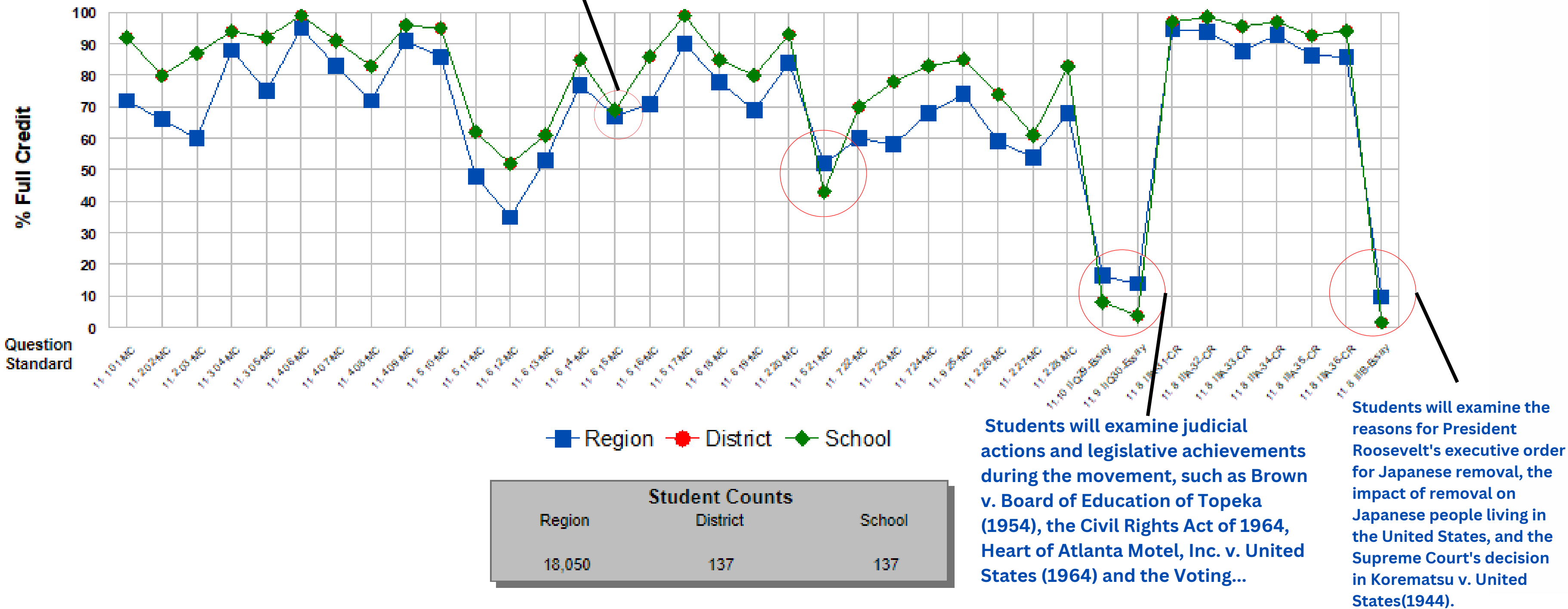
June 2023 Results				
Exam	Tests	Average	Mastery	Passing
Living Environment	127	84.33	55.47%	98.43%
Earth Science	74	85.51	60.81%	94.59%
Chemistry	102	83.98	54.90%	98.04%
Physics	33	77.94	33.33%	84.85%
Exam	Tests	Average	Mastery	Passing
Algebra 1	111	87.69	62.16%	99.10%
Algebra 2	115	84.03	46.96%	99.13%
Geometry	120	80.03	33.33%	93.33%
Exam	Tests	Average	Mastery	Passing
ELA	135	91.39	87.41%	100%
US History	133	80.28	23.31%	97.74%
Global History	136	83.21	55.88%	97.06%
Exam	Tests	Average	Mastery	Passing
French A	47	87.19	59.57%	100.00%
Spanish A	74	88.99	75.68%	98.65%
French B	15	92.20	80.00%	100.00%
Spanish B	111	90.52	79.28%	100.00%

June 2022 Results				
Exam	Tests	Average	Mastery	Passing
Living Environment	114	82.30	50.00%	91.23%
Earth Science	99	81.68	51.52%	91.92%
Chemistry	98	80.81	43.88%	93.88%
Physics	38	73.82	34.21%	68.42%
Exam	Tests	Average	Mastery	Passing
Algebra 1	125	86.25	60.80%	98.40%
Algebra 2	124	82.35	50%	92.74%
Geometry	123	78.38	38.40%	84.80%
Exam	Tests	Average	Mastery	Passing
ELA	123	91.45	82.93%	100%
US History	Not Administered in 2022			
Global History	135	81.21	31.85%	97.78%
Exam	Tests	Average	Mastery	Passing
French A	23	87.65	78.26%	100.00%
Spanish A	83	86.47	67.47%	98.80%
French B	33	89.52	72.73%	100.00%
Spanish B	99	87.50	66.67%	98.99%

U.S. HISTORY & GOV'T REGENTS 2024 (FRAMEWORK)

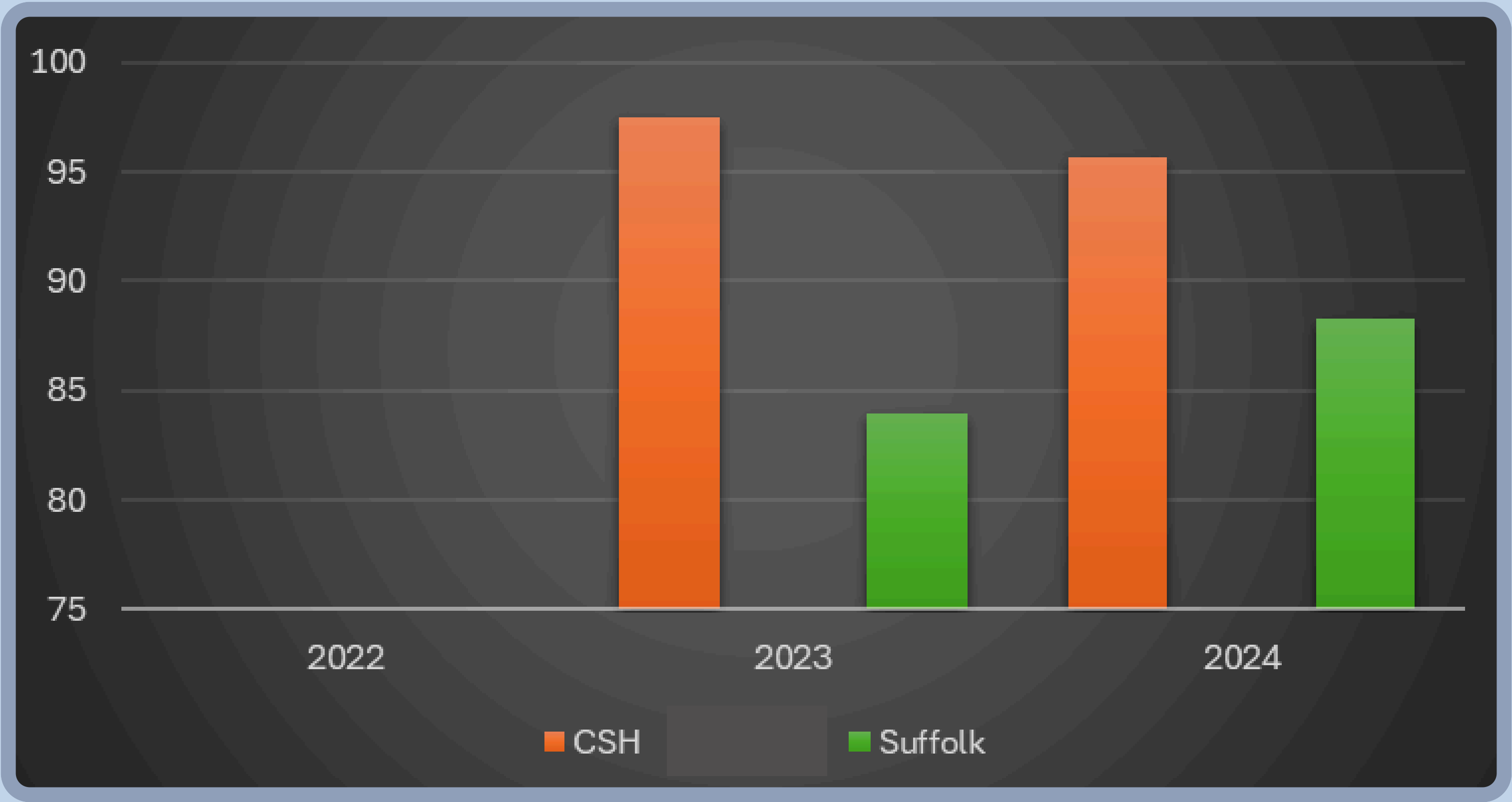
PERFORMANCE & GAP ANALYSIS

Students will examine factors such as the economic and strategic interests that led the United States to seek foreign markets, resources, and coaling stations, including interest in Hawaii.



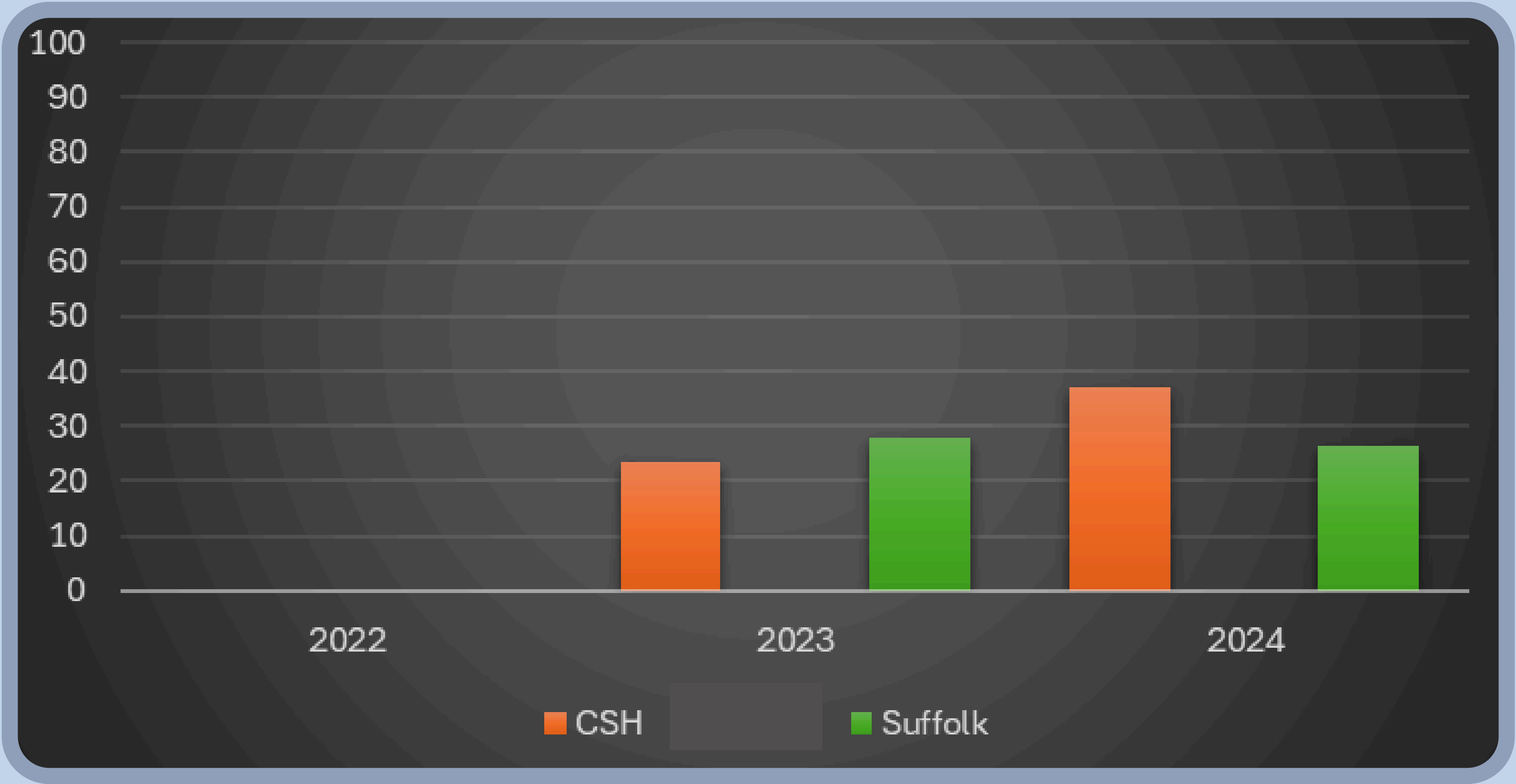
U.S. HISTORY 2024, 3-YEAR TREND

PROFICIENCY



U.S. HISTORY 2024, 3-YEAR TREND

MASTERY



Road to Improvement

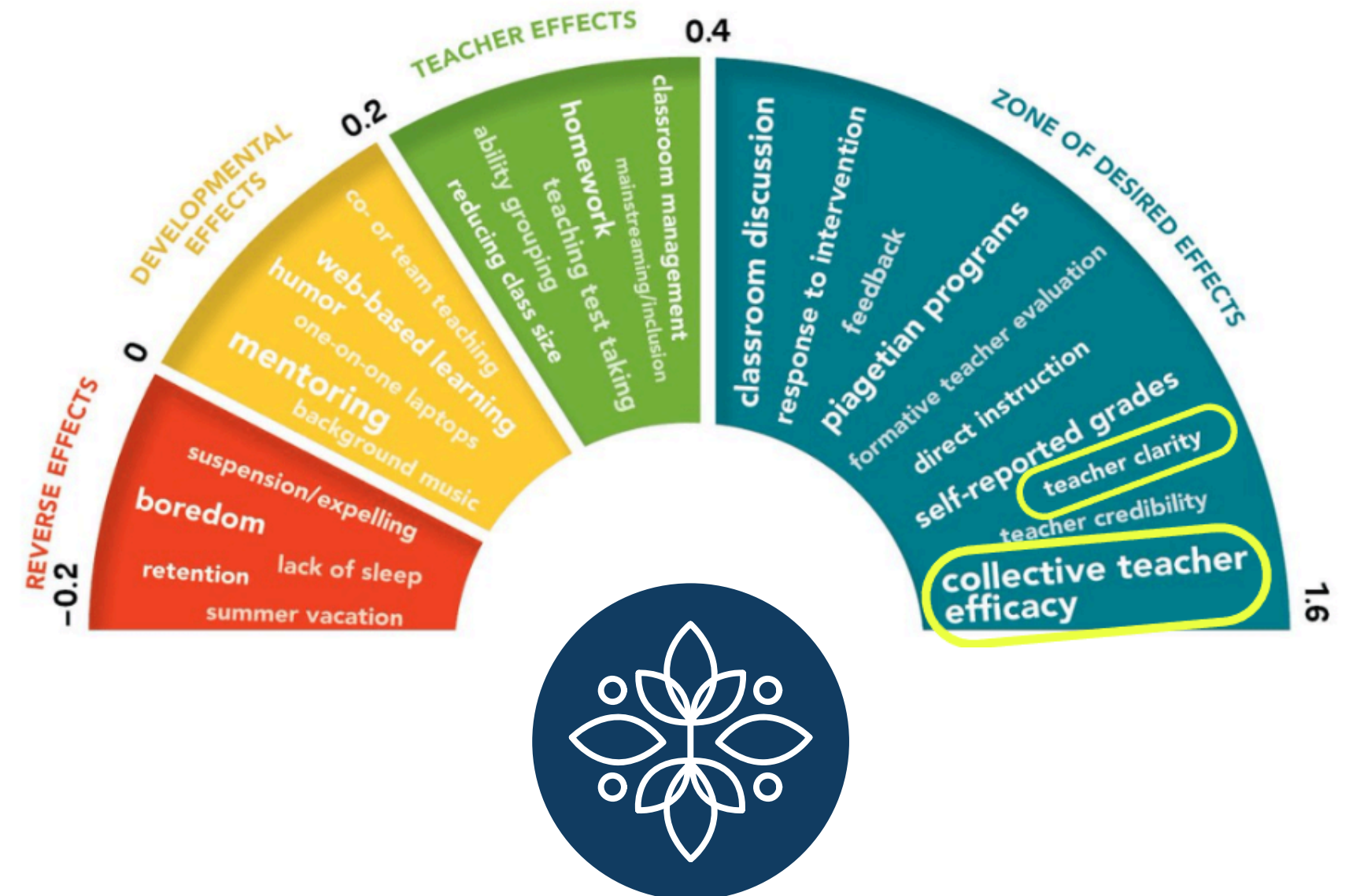


“...collective efficacy is *the key* organizational variable in facilitating student achievement...it will have the strongest independent influence on achievement.”

Smith, Hoy, & Sweetland, 2001

Teamwork

ALL OF US



ADDITION OF MATH 7
ACCELERATED COURSE
TO BETTER PREPARE
STUDENTS FOR THE
RIGOR OF
8TH GRADE ALGEBRA

DEBUT OF PRE-AP
ENGLISH IN 9TH
GRADE TO BETTER
PREPARE STUDENTS
FOR THE RIGOR OF
COLLEGE-LEVEL
COURSEWORK

CELL PHONE
RESTRICTIONS DURING
THE INSTRUCTIONAL
DAY TO MINIMIZE
DISTRACTIONS, GREATER
CONCENTRATION AND
ENGAGEMENT DURING
LESSONS

ADDITION OF ENGLISH
LABS AT THE JR/SR
HIGH SCHOOL TO
ADDRESS THE NEED
FOR ACADEMIC
INTERVENTION
SERVICES

AP SUMMER INSTITUTES FOR
TEACHERS NEW TO AP COURSES

BUILDING
CAPACITY FOR
TEACHERS OF
ADVANCED-LEVEL
COURSEWORK

ENHANCEMENT OF
RESEARCH PROGRAM
THROUGH THE
INCORPORATION OF
SOCIAL SCIENCE
RESEARCH

OPPORTUNITIES
FOR COLLEGIAL
ASSESSMENT DATA
REVIEW DURING
DEPARTMENT AND
GRADE-LEVEL
MEETINGS

ADDITION OF
STANDARDS-BASED
BENCHMARK
ASSESSMENTS IN
MATHEMATICS FOR
GRADES 7-8

TARGETED AP AND
REGENTS REVIEW SESSIONS
IN THE 4TH QUARTER TO
HELP FOR STUDENTS
PREPARE FOR AP OR
REGENTS EXAMS,
REINFORCING THEIR
UNDERSTANDING OF KEY
CONCEPTS

Action Steps

PAST
FEW YEARS
& ONGOING

SUPPORT FOR FAMILIES THROUGH
CURRICULUM GUIDES, SCOPE &
SEQUENCE DOCS, FAMILY STAR
REPORTS AND PARENT UNIVERSITY

ADDITION OF
AP SEMINAR AND
AP RESEARCH TO HELP
FOSTER CRITICAL
THINKING SKILLS AND
WRITING PROFICIENCY

FURTHER TRAINING ON STAR
(UNIVERSAL SCREENER) TO
STRENGTHEN PROGRESS
MONITORING PRACTICES

QUARTERLY REVIEW
SESSIONS (Q1-Q3) FOR
COURSES ENDING WITH
REGENTS/AP EXAMS AND
COURSES LEADING TO
REGENTS- OR AP-BOUND
COURSES, FOCUSED ON
TOPIC-SPECIFIC NEEDS

ADDITION OF
TRANSITIONAL MATH
COURSE FOLLOWING
GEOMETRY TO
STRENGTHEN STUDENTS'
PREPAREDNESS FOR
ALGEBRA II

HOSTING AP COLLEGIAL
CIRCLES TO SUPPORT OUR
AP TEACHERS THROUGH
COLLABORATION WITH
COLLEAGUES FROM
NEIGHBORING SCHOOL
DISTRICTS

ALIGNMENT OF
GRADING
PRACTICES BY
COURSE

A background image showing a person's hands holding an open book. The person is wearing a light blue shirt. The book has a dark blue cover and white pages. The image is slightly blurred, focusing on the text overlays.

Any
Questions?

Thank
YOU!