

**NJSLA Results
ELA & Mathematics
Fall 2023 Administration**

**Neptune Township School District
Board of Education Presentation
April 2024**

**Measuring
College and
Career
Readiness**

Presentation Objectives

- ❑ *To present participation and performance results of the Fall 2023 New Jersey Student Learning Assessment for ELA (NJSLA-ELA) and Mathematics (NJSLA-Mathematics) for Neptune High School*
- ❑ *To ensure transparency regarding the proficiency and growth of students on statewide assessments by presenting analyses that include cohorts, comparison data and intervention strategies that correspond to the data*

New Jersey Student Learning Assessment (NJSLA)

- Measures the extent to which students are, or on track to being, college or career ready
- Measures how well students have learned grade level material
- Purpose is to provide a high quality assessment to monitor progress towards college and career readiness
- Administered annually in grades 3 through high school
- These results represent only the Fall test results for NHS (block scheduling)

2023 Score Interpretation Guide for Parents with Sample Individual Student Report:

https://drive.google.com/file/d/1_pVOPsMpHCyuR8kUdHz9_RF8YjgUWmFa/view?usp=drive_link

New Jersey Student Learning Assessment English Language Arts - HS

- Focused on:
 - Reading and comprehending a range of sufficiently complex texts independently
 - Writing effectively when analyzing text

Students demonstrate their acquired skills and knowledge by answering selected-response items and constructed response items.

NJSLA Practice Test Questions

Sample 9th Grade ELA Question

Sample 9th Grade ELA Paper-based Practice Test

Sample Algebra I Question

New Jersey Student Learning Assessment Mathematics - HS

- Focused on
 - *Applying* skills and concepts
 - Understanding multi-step problems that require abstract reasoning
 - Modeling real-world problems with precision, perseverance, and strategic use of tools

Students demonstrate their acquired skills and knowledge by answering selected-response items and constructed response items.

- Tests include:
 - Algebra I (HS students only reflected; not 8th graders)
 - Geometry
 - Algebra II (Fall 2023 results do not include Alg II)

Interpreting NJSLA Scores

- Scale Scores
 - Overall Scale Scores
 - Range for Reading and Math (650 to 850)
 - Separate Scale Scores
 - Reading Scale Scores range 10 to 90
 - Writing Scale Scores range 10 to 60
- **Performance Levels** are most commonly referred to:
 - **Level 5: Exceeded Expectations**
 - **Level 4: Met Expectations (Scale score - 750)**
 - Level 3: Approached Expectations (Scale score - 725)
 - Level 2: Partially Met Expectations (Scale score - 700)
 - Level 1: Did Not Yet Meet Expectations (Scale score - 650)
- Subclaim Performance - Graphical representations received as part of the Individual Student Report

Notable Achievements, Interventions & Observations

Notable Achievements

- English Language Arts (9th Grade- Fall Block)
 - Increase of 10.3% in Levels 4 & 5 from Fall 2022 to Fall 2023 (as compared to State's increase of 3.2%)
 - ELA Participation 99.1% (State requires 95%)
- Mathematics (Fall Block)
 - Increase of 7.7% in Levels 4 & 5 from Fall 2022 to Fall 2023 (consistent with State trends)
 - Algebra I Participation 96.5%
 - Geometry Participation was 100%
- 28 Students from this year's graduating class earned the Seal of Biliteracy
- 88.7% of 10th and 11th Graders took the PSAT
- 58% of students who took the Reading and Writing section of the SAT scored at or above the benchmark (as compared to State's 67%)
- 6.1% of students enrolled in Dual Enrollment Coursework receiving college credit prior to HS graduation
- 47.5% of our AP students scored a 3 or higher on three or more AP exams
 - 2023 - 80 students enrolled; 31 students earned a 3; 17 students earned a 4; and 3 students earned a 5
- Overall percentage of students receiving a 3+ 48% (increase of 2% and only higher in 2020 when test was modified during Covid)
- Enrollment in AP Language and Composition has increased significantly - 48 students

Neptune Township School District

Intervention Strategies

■ Middle School

- Year 5 of the *Into Math* Program
- New Accelerated 7 Math course - has provided an opportunity for students to move in to honors for 8th grade
- Year 3 of the Open SciEd program being used in grades 6, 7 and 8 for science

■ High School

- 4th year of the Foundations of Literacy course (started 2020-2021)
- Offering of the Seal of Biliteracy
- 4th year of the HS Pre-Algebra course (started 2020-2021)
- Inquiry Hub being implemented HS Biology and HS Chemistry
- Curriculum updated aligned to the 2020 New Jersey Student Learning Standards
- ELA and Mathematics curricula being updated to align to the 2023 New Jersey Student Learning Standards
- Increase in AP enrollment
- Credit recovery program offered

Neptune Township School District

Intervention Strategies

Foundations of Literacy Class

- Foundations of Literacy Class offered to 9th graders identified as being at-risk
 - Currently 15 students were enrolled in the class in the Fall
 - 40% Male students and 60% Female students
 - 46% Black students
 - 40% Hispanic students
 - 13% Multi-race (2 or more races)
 - 0% White students
 - 0% Other (Native American, Pacific Islander)
 - 14 of 15 students passed the intervention course
 - 7 of the 13 (54%) students who were placed in the Foundations course passed the first marking period

Neptune Township School District

Intervention Strategies

Pre-Algebra Class

- Pre-Algebra Class offered to 9th graders identified as being at-risk
 - Currently 18 students were enrolled in the class in the Fall
 - 39% Male students and 61% Female students
 - 56% Black students
 - 33% Hispanic students
 - 5% White students
 - 5% Other (Native American, Pacific Islander)
 - 89% of students passed Pre-Algebra
 - 2 of the students who failed had 25 or more absences
 - 78% of those students are currently passing Algebra I
 - 94% of the students passed the midterm exam

Note: The course name is being changed to Foundations of Algebra for the 2024-2025 school year

Neptune Township School District Intervention Strategies - SEL Support

- Emphasis on Social and Emotional Learning Supports
 - Second Step Digital Program utilized in K-8
 - Professional Development Related to Trauma Informed Practices
 - YMCA School Based Counseling
 - Prevention First Programs
 - Campfire Program
 - Effective Schools Solutions (ESS) offered at 3 schools
 - Empowering Young Black Males Leadership Program (partnership with Monmouth University and Big Brothers/Big Sisters of Coastal and Northern NJ)
 - Participation of every school in SEL Day
 - College and Career Fair (Goal Setting/Motivating students)
 - Peer to Peer Mental Health First Aid Program (pro-active suicide prevention program)
 - DREAMS Program to be implemented 2024-2025

Neptune Township School District

Priorities Moving Forward

- Improve student achievement at all grade levels for all students, and identify, address, and decrease achievement gaps where they exist.
- Continue to develop curriculum that develops the whole child to be open-minded, critical thinkers, using evidenced-based social-emotional practices in all grades aligned to the newly adopted New Jersey Student Learning Standards.
- Utilize qualitative and quantitative data to ensure we know our students and how to meet their diverse needs, ensuring equity and access for all.
- Strategically utilize resources, including but not limited to staff, time and funding to support district goals.

Participation and Overall Achievement

Make-up of the Freshman Class (9th Graders)

- Total number of students - 254 (not all tested in the Fall; some currently taking their ELA and Math classes)
- 66 of the 254 are new to Neptune representing - 26%
- Neptune City students represent a total of 20 students - 8%
- Bradley Beach students represent 21 students - 8.3%
- An additional 27 students represent the remaining students new to Neptune - 10.6% representing students returning from private schools, charter schools and other school districts.

Neptune Township School District
NJSLA Administrations - Fall 2021, 2022 & 2023
English Language Arts - Participation

Grade	Students Tested Fall 2021	Students Tested Fall 2022	Students Tested Fall 2023	Difference between number of students tested in 2022 and 2023
9	142	118	110	-8

ELA Participation - 99.1%
State Target is 95%

As of 2021, only Grade 9 students take the NJSLA.

Note: “Students Tested” represents individual valid test scores for English Language Arts.

Neptune Township School District
NJSLA Administrations - Fall 2021, 2022 & 2023
Mathematics - Participation

Grade	Students Tested Fall 2021	Students Tested Fall 2022	Students Tested Fall 2023	Difference between number of students tested in 2022 and 2023
Algebra I**	119	77	110	+33
Geometry**	18	15	32	+17
Total	137	92	142	+50

Algebra I Participation - 96.5%

Geometry Participation - 100%

State Target is 95%

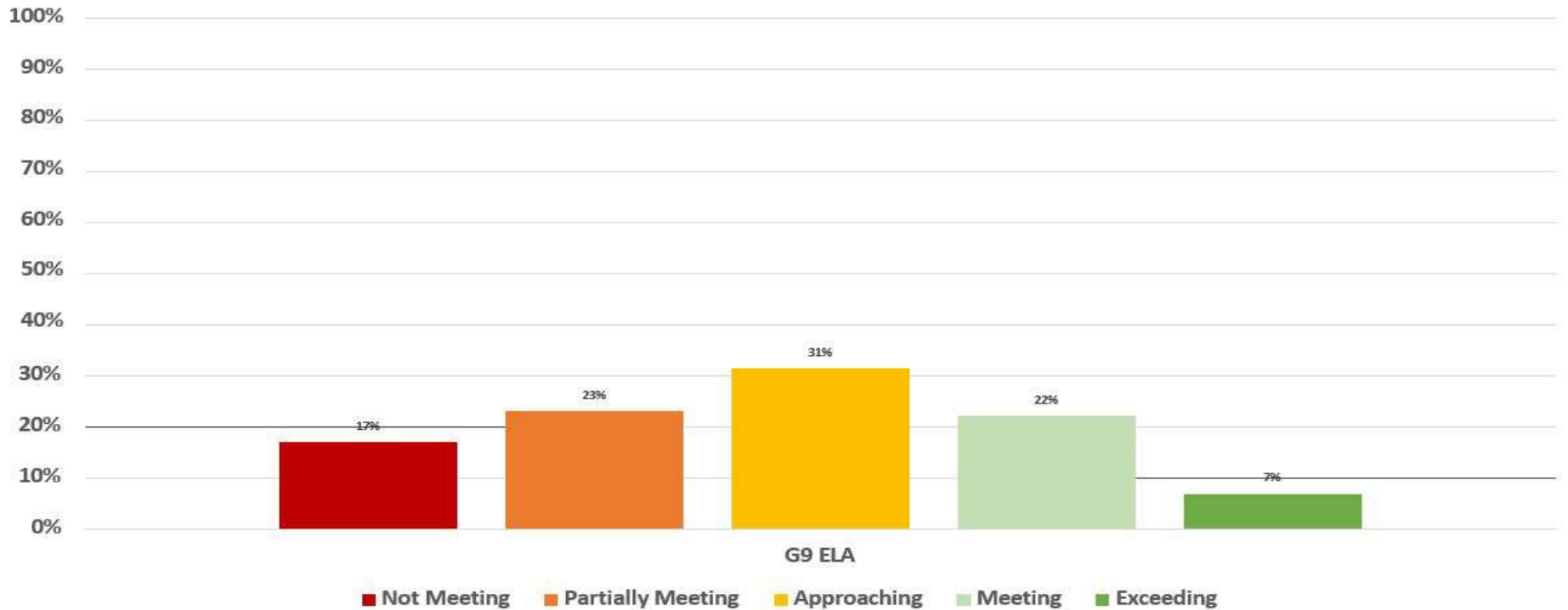
As of 2021, only Grade 9 students take the NJSLA.

Notes: “Students Tested” represents individual valid test scores for Mathematics.

NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA - English Language Arts

Distribution by Achievement Level



NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA - English Language Arts

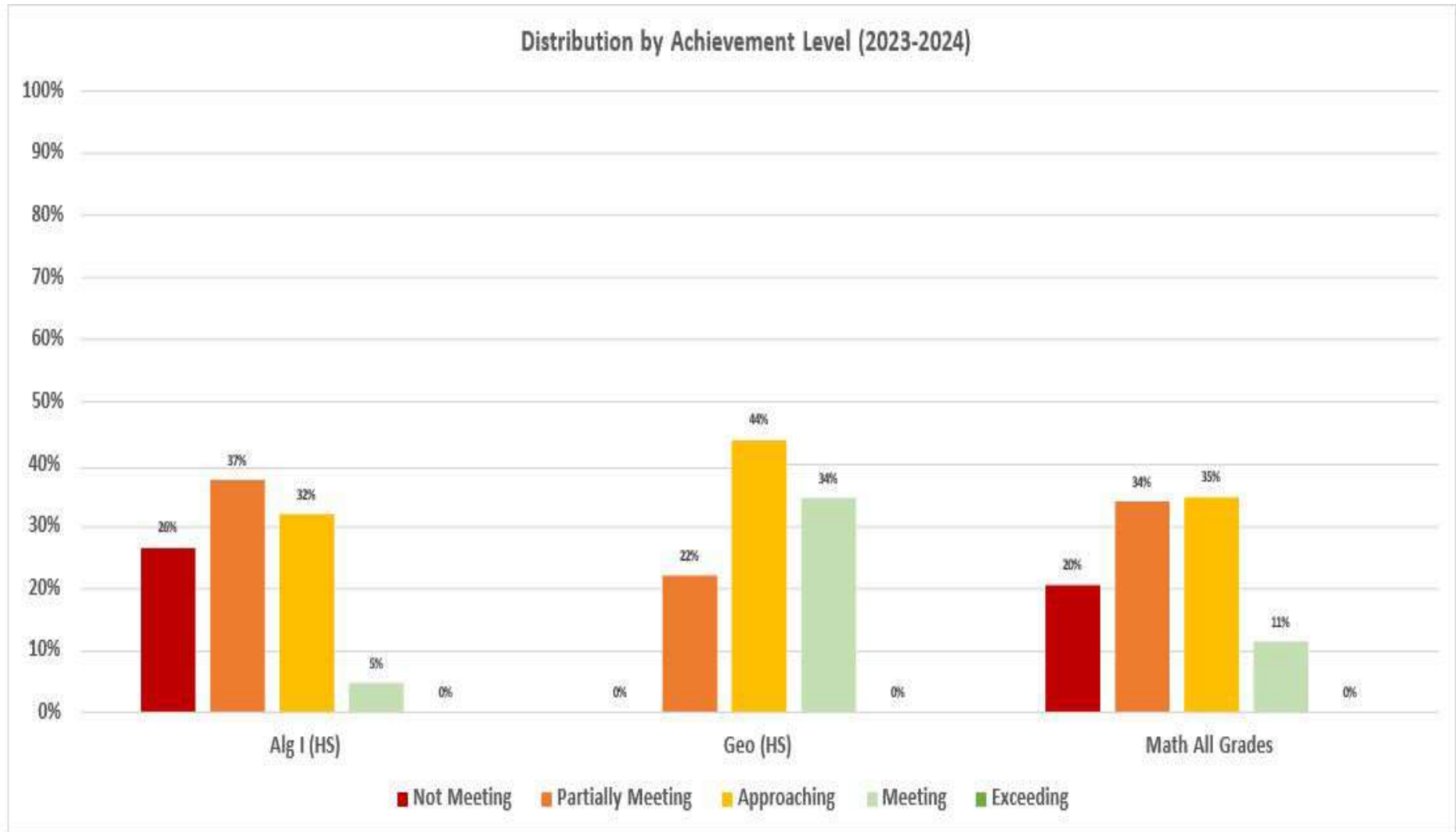
Grade 9

Grade	% Not Meeting Expectations (Level 1)		% Partially Meeting Expectations (Level 2)		% Approaching Expectations (Level 3)		% Meeting Expectations (Level 4)		% Exceeding Expectations (Level 5)		Change in Level 1 & Level 2 (2023 to 2024)	Change in Level 4 & Level 5 (2023 to 2024)
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024		
	%	%	%	%	%	%	%	%	%	%		
9	16.9%	24.5%	22.9%	12.7%	31.4%	23.6%	22.0%	35.5%	6.8%	3.6%	-2.6 %	+10.3 %

Percentages may not total 100 due to rounding.

NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA - Mathematics



NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA - Mathematics

Grade	% Not Meeting Expectations (Level 1)		% Partially Meeting Expectations (Level 2)		% Approaching Expectations (Level 3)		% Meeting Expectations (Level 4)		% Exceeding Expectations (Level 5)		Change in Level 1 & Level 2 (2023 to 2024)	Change in Level 4 & Level 5 (2023 to 2024)
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024		
	%	%	%	%	%	%	%	%	%	%		
Alg I (HS)	22.1%	26.4%	35.1%	37.3%	33.8%	31.8%	9.1%	4.5%	0.0%	0.0%	+6.5 %	-4.5 %
Geo (HS)	0.0%	0.0%	33.3%	21.9%	40.0%	43.8%	26.7%	34.4%	0.0%	0.0%	-11.5 %	+7.7 %
All Grades	18.5%	20.4%	34.8%	33.8%	34.8%	34.5%	12.0%	11.3%	0.0%	0.0%	+1 %	-0.7 %

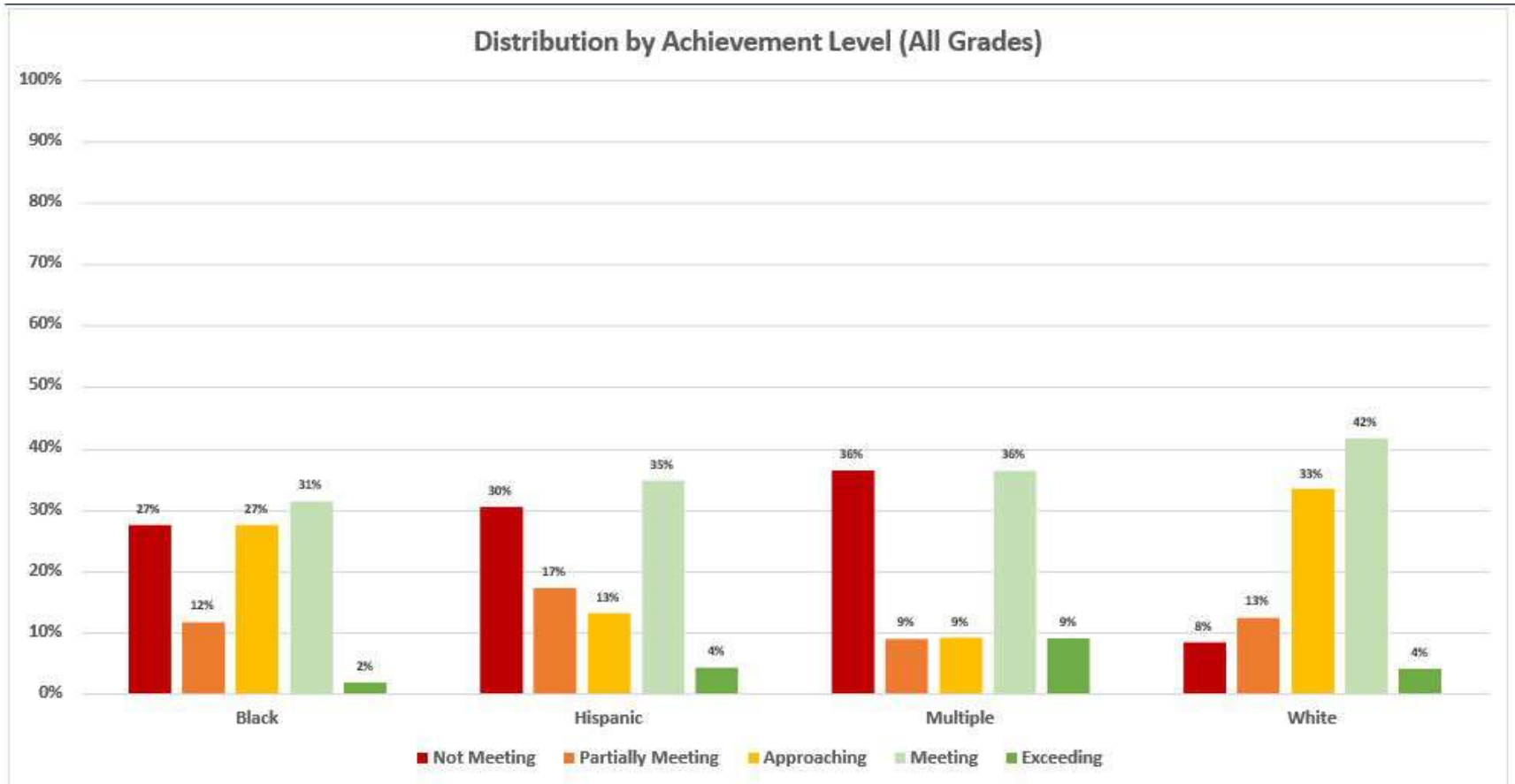
Percentages may not total 100 due to rounding.

Demographic Analysis

NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA ELA

Cohort by Race



NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA ELA

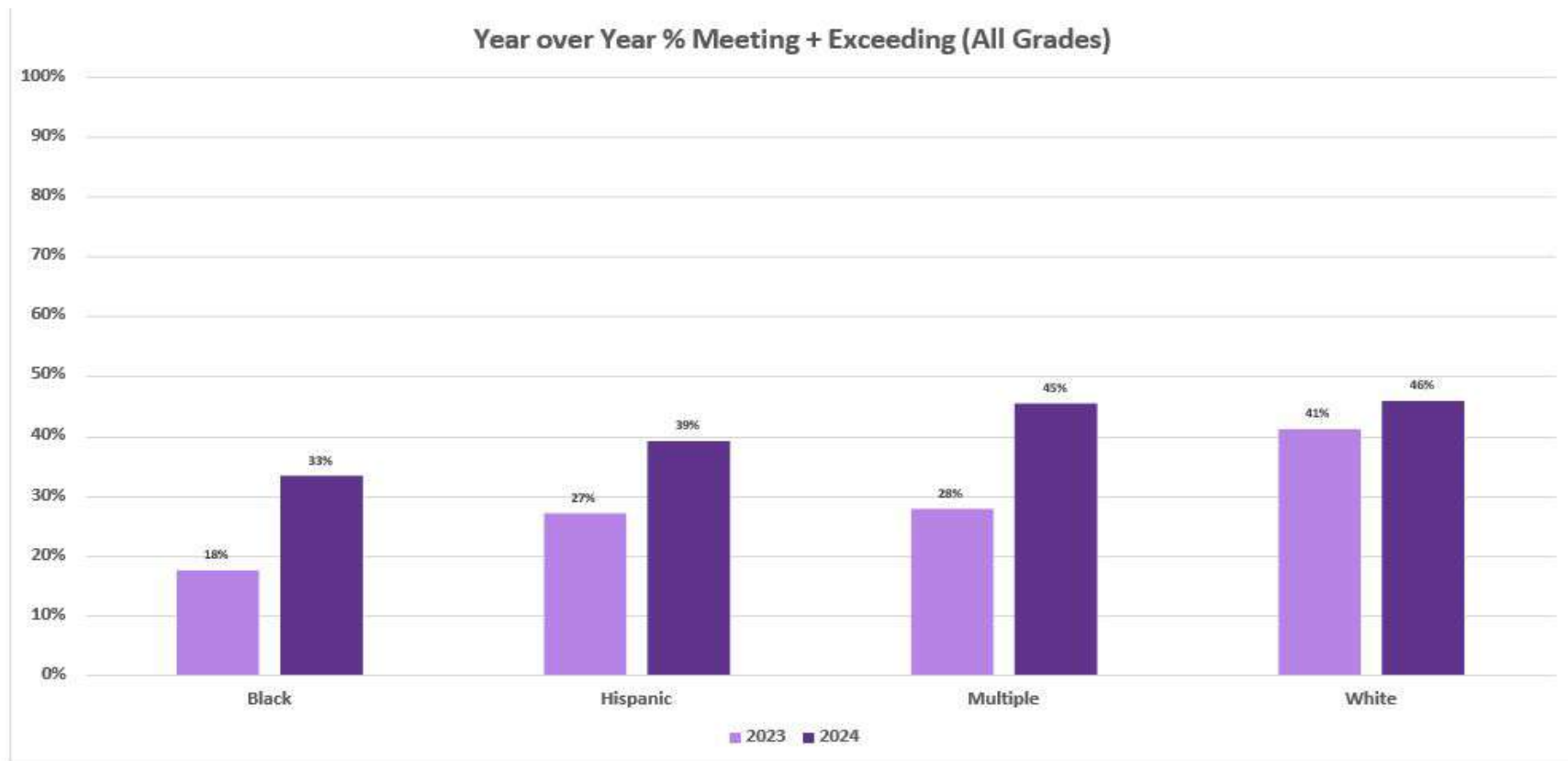
Cohort by Race

Grade Band	Race	Total Tested 2024	% of Tested 2024	Not Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
				% 2023	% 2024	% 2023	% 2024	% 2023	% 2024	% 2023	% 2024	% 2023	% 2024
HS (G9)	Asian	<10	1%	-	-	-	-	-	-	-	-	-	-
	Black	51	46%	23%	27%	28%	12%	33%	27%	13%	31%	5%	2%
	Hispanic	23	21%	11%	30%	27%	17%	35%	13%	24%	35%	3%	4%
	Multiple	11	10%	28%	36%	11%	9%	33%	9%	22%	36%	6%	9%
	White	24	22%	12%	8%	24%	13%	24%	33%	29%	42%	12%	4%
	All Students	110		17%	25%	23%	13%	31%	24%	22%	35%	7%	4%

NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA ELA

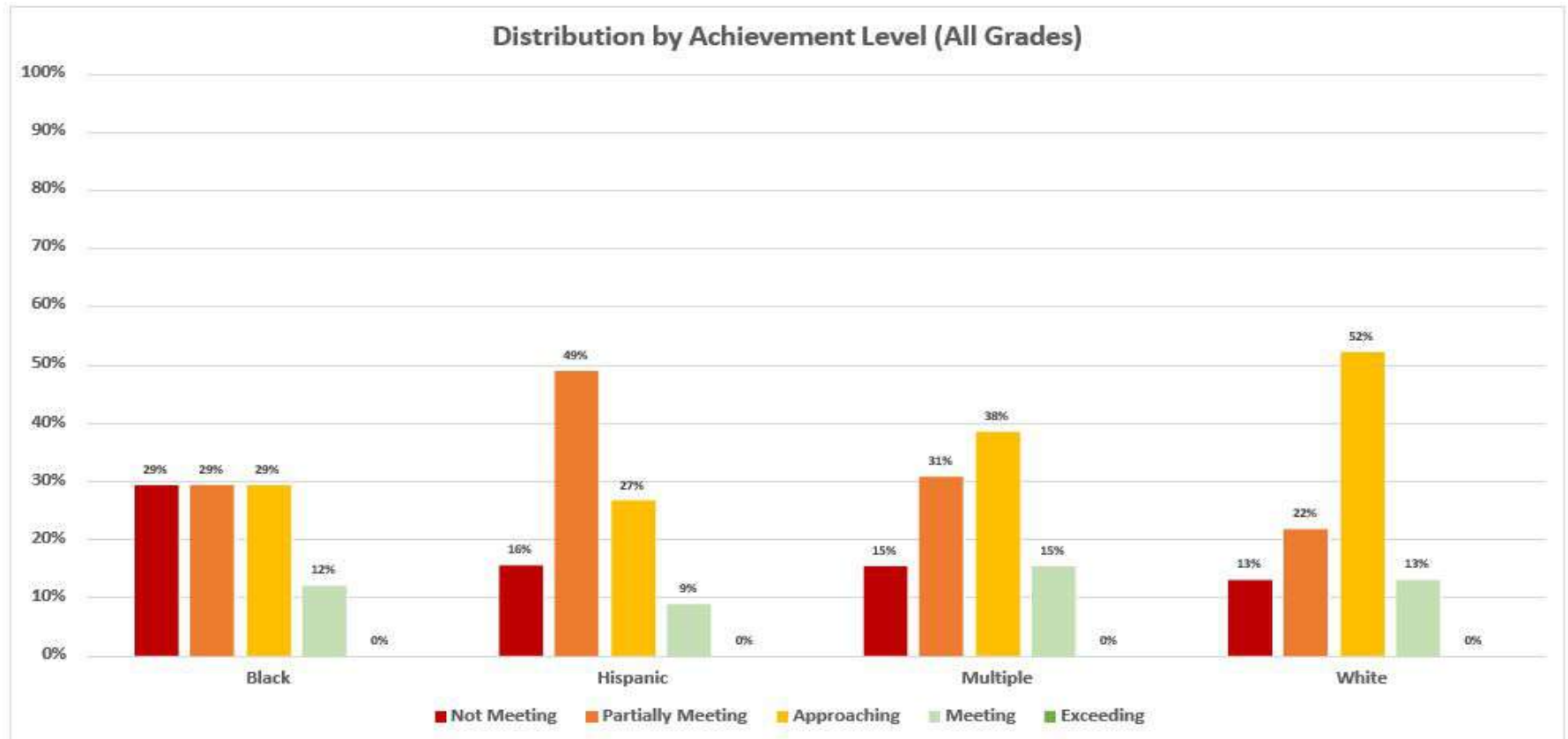
Cohort by Race



NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA Mathematics

Cohort by Race



NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA Mathematics

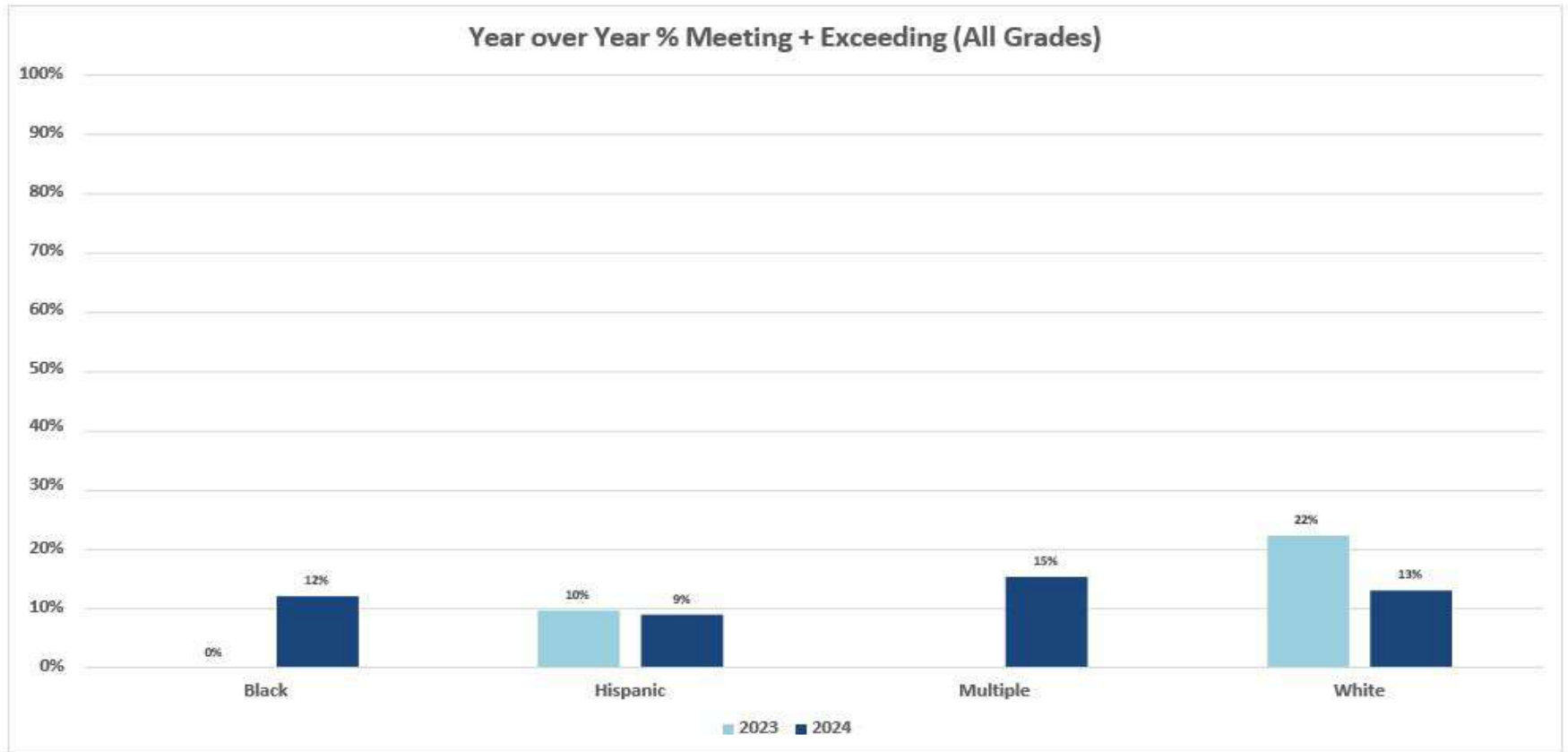
Cohort by Race

Grade Band	Race	Total Tested 2024	% of Tested 2024	Not Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
				% 2023	% 2024	% 2023	% 2024	% 2023	% 2024	% 2023	% 2024	% 2023	% 2024
(Alg I-Alg II)	Asian	<10	2%	-	-	-	-	-	-	-	-	-	-
	Black	58	41%	25%	29%	43%	29%	32%	29%	0%	12%	0%	0%
	Hispanic	45	32%	23%	16%	23%	49%	45%	27%	10%	9%	0%	0%
	Multiple	13	9%	-	15%	-	31%	-	38%	-	15%	-	0%
	White	23	16%	11%	13%	39%	22%	28%	52%	22%	13%	0%	0%
	All Students	142		18%	20%	35%	34%	35%	35%	12%	11%	0%	0%

NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA Mathematics

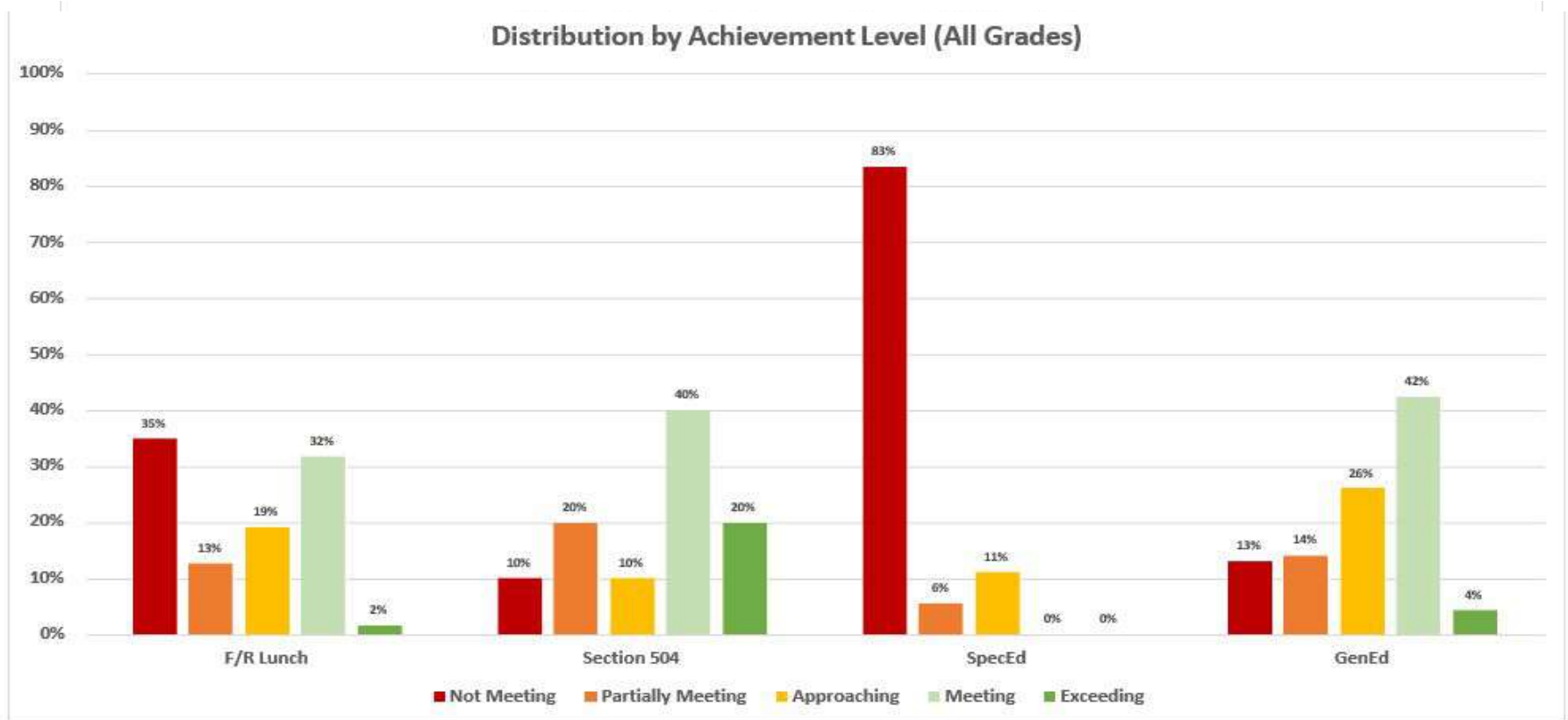
Cohort by Race



NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA ELA

Cohort by Program



NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA ELA

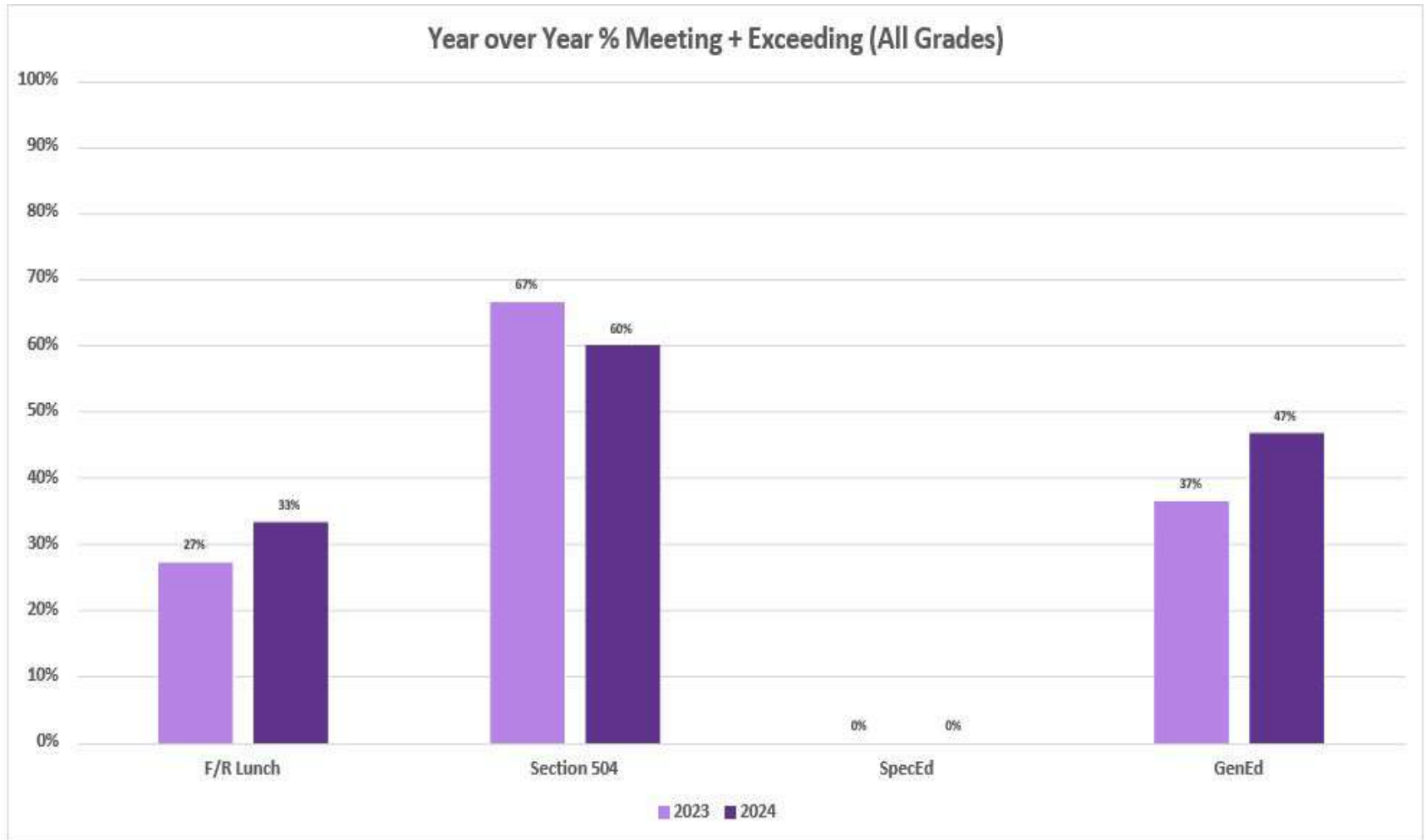
Cohort by Program

Grade Band	Gender	Total Tested 2024	% of Tested 2024	Not Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
				% 2023	% 2024	% 2023	% 2024	% 2023	% 2024	% 2023	% 2024	% 2023	% 2024
HS (G9)	F/R Lunch	63	57%	14%	35%	30%	13%	30%	19%	23%	32%	5%	2%
	Section 504	10	9%	0%	10%	0%	20%	33%	10%	67%	40%	0%	20%
	ELL	<10	1%	-	-	-	-	-	-	-	-	-	-
	SpecEd	18	16%	54%	83%	25%	6%	21%	11%	0%	0%	0%	0%
	GenEd	92	84%	6%	13%	23%	14%	34%	26%	28%	42%	9%	4%
	All Students	110		17%	25%	23%	13%	31%	24%	22%	35%	7%	4%

NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA ELA

Cohort by Program

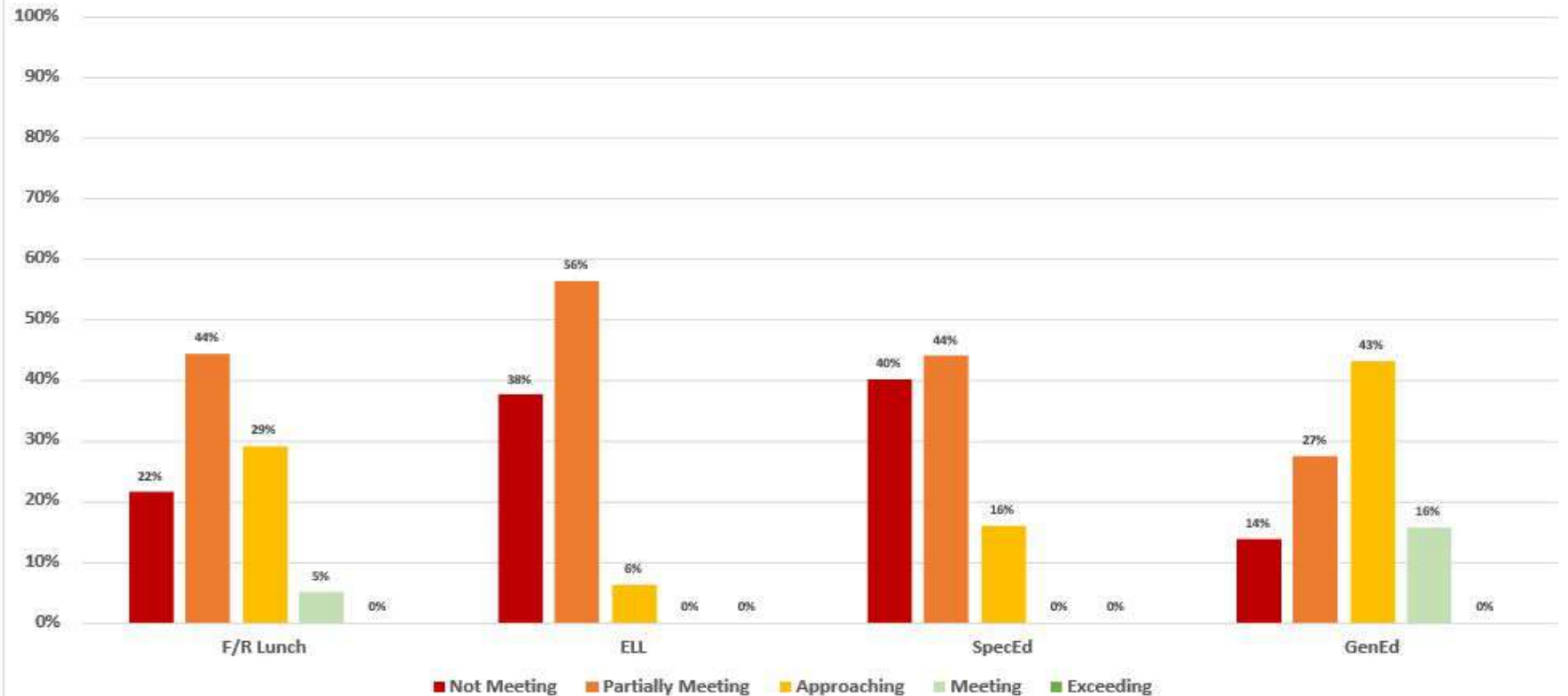


NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA Mathematics

Cohort by Program

Distribution by Achievement Level (All Grades)



NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA Mathematics

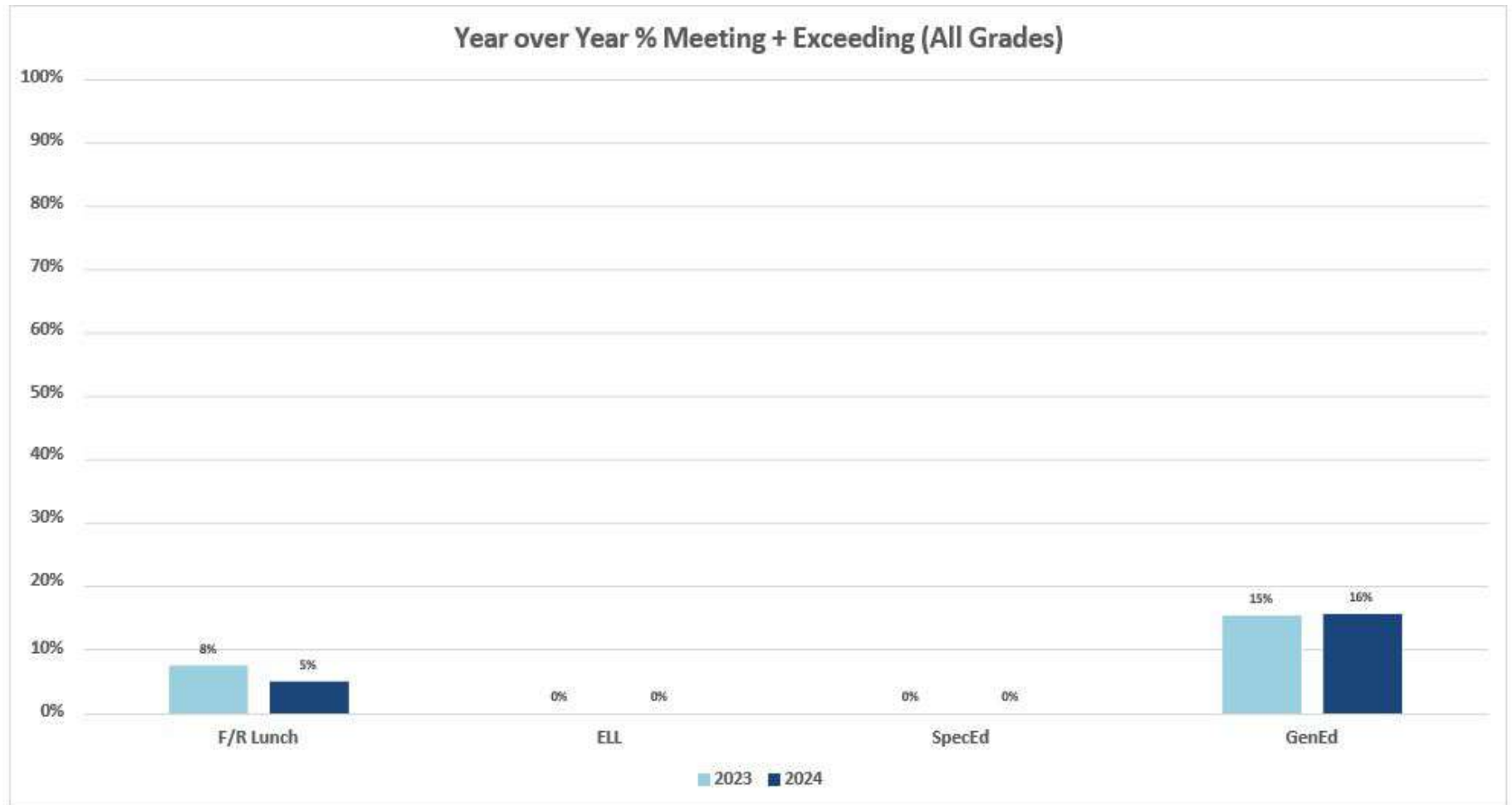
Cohort by Program

Grade Band	Gender	Total Tested 2024	% of Tested 2024	Not Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
				% 2023	% 2024	% 2023	% 2024	% 2023	% 2024	% 2023	% 2024	% 2023	% 2024
HS (Alg I-Alg II)	F/R Lunch	79	56%	25%	22%	35%	44%	33%	29%	8%	5%	0%	0%
	Section 504	<10	6%	-	-	-	-	-	-	-	-	-	-
	ELL	16	11%	0%	38%	100%	56%	0%	6%	0%	0%	0%	0%
	SpecEd	25	18%	58%	40%	37%	44%	5%	16%	0%	0%	0%	0%
	GenEd	102	72%	8%	14%	33%	27%	43%	43%	15%	16%	0%	0%
	All Students	142		18%	20%	35%	34%	35%	35%	12%	11%	0%	0%

NEPTUNE HIGH SCHOOL

Fall 2023 NJSLA Mathematics

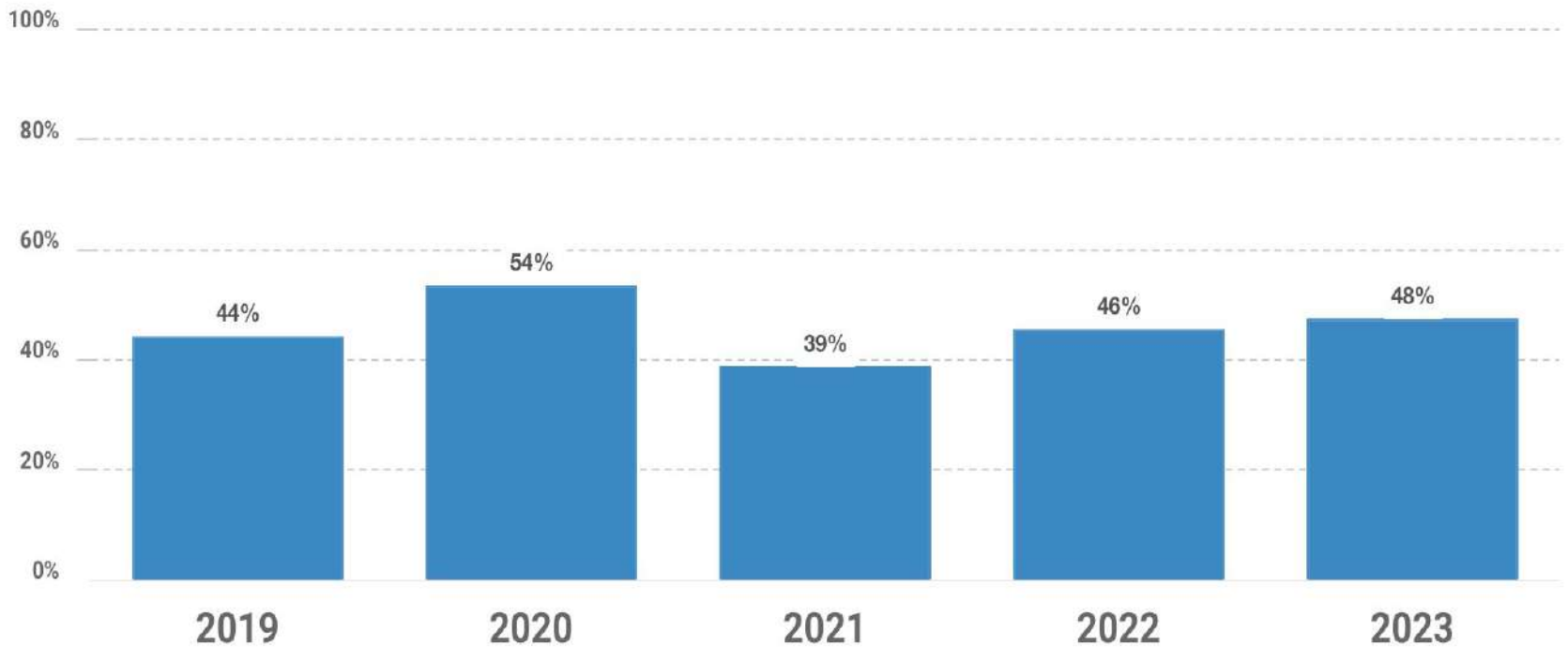
Cohort by Program



NEPTUNE HIGH SCHOOL COLLEGE BOARD AP EXAMS



% OF TOTAL AP STUDENTS WITH SCORES 3+



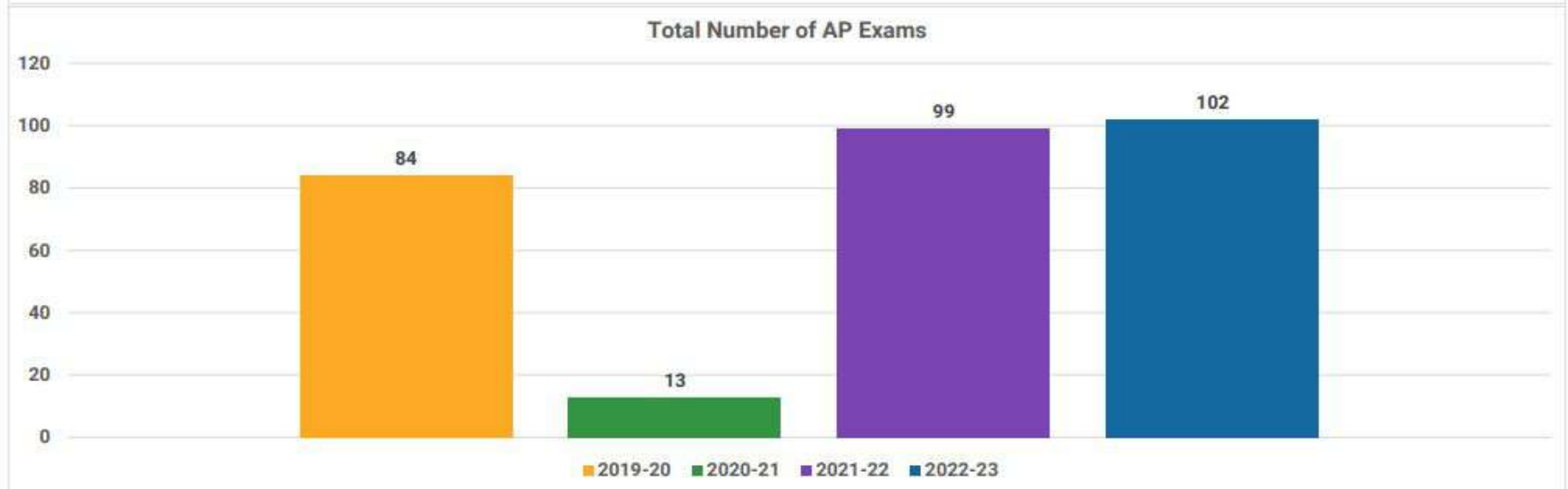
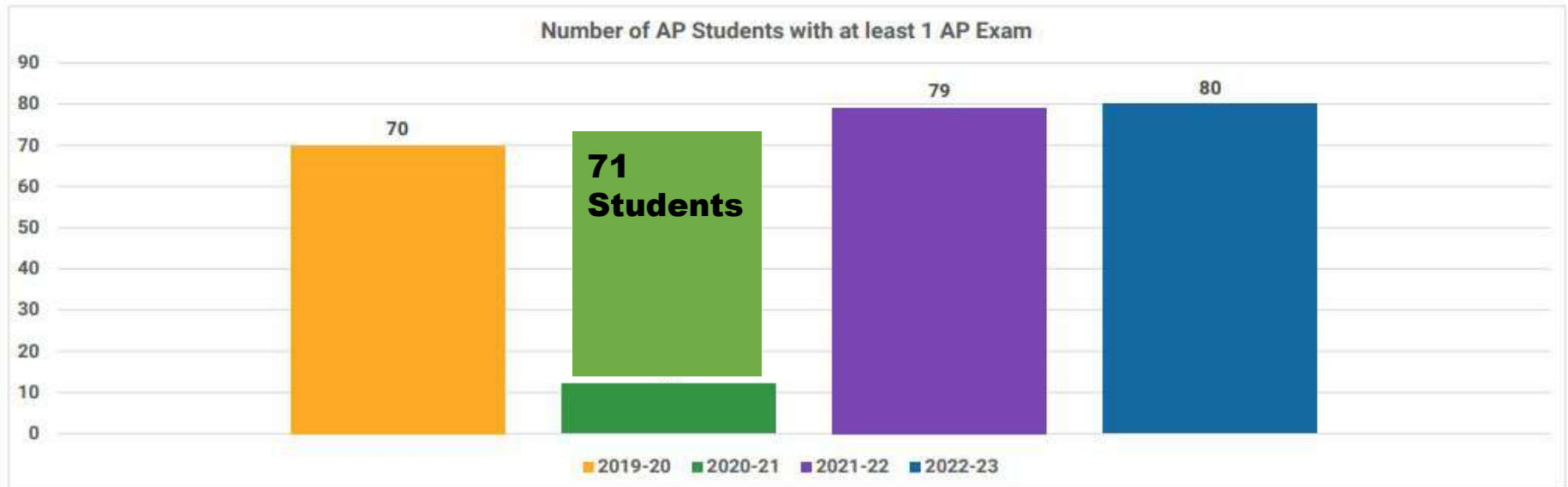
NEPTUNE HIGH SCHOOL

COLLEGE BOARD AP EXAM TRENDS

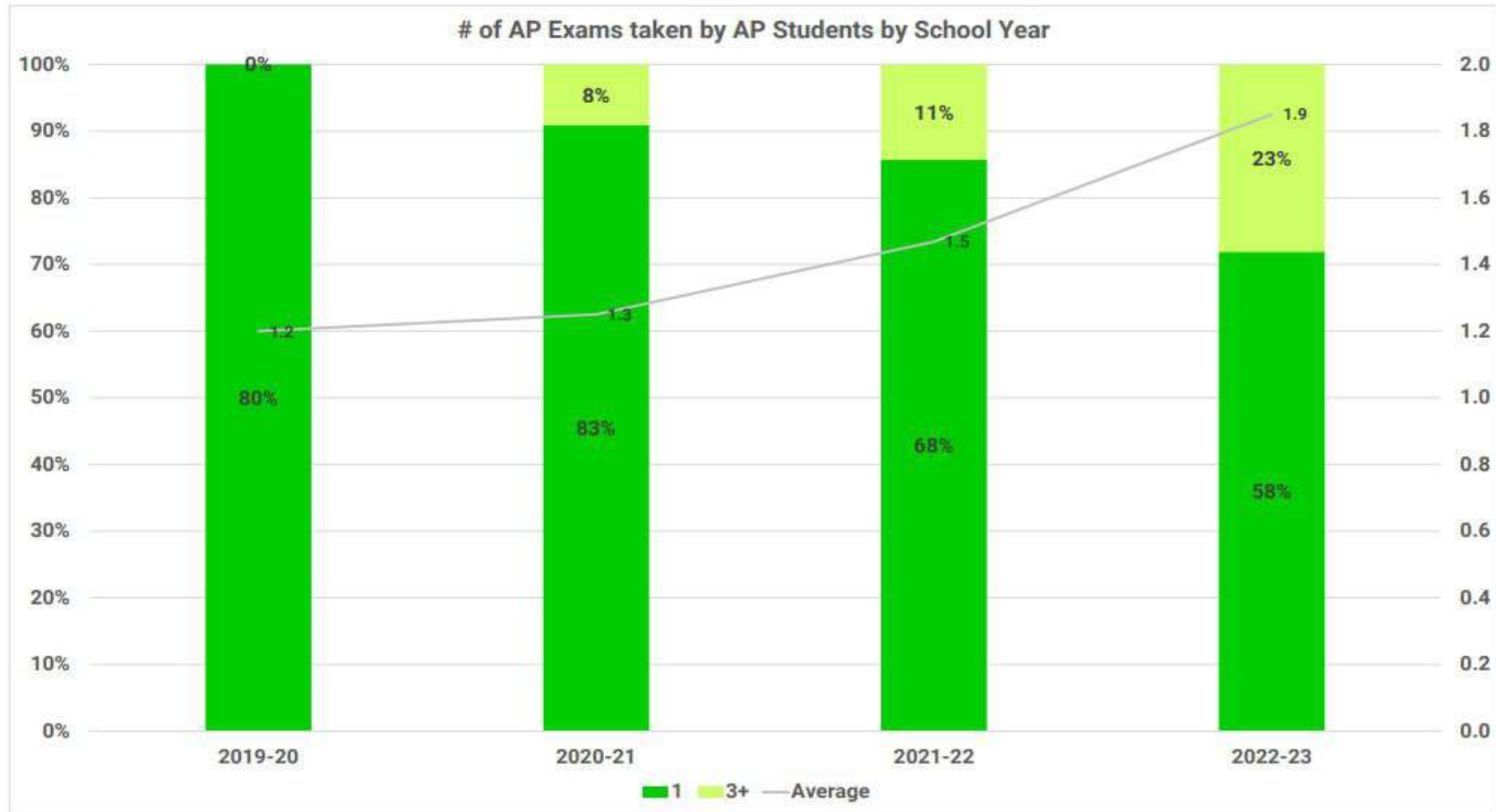
SCHOOL SUMMARY

	2019	2020	2021	2022	2023
Total AP Students	70	71	54	79	80
Number of Exams	89	84	68	99	102
AP Students with Scores 3+	31	38	21	36	38
% of Total AP Students with Scores 3+	44.29	53.52	38.89	45.57	47.50

AP Enrollment Summary



of Exams by Students





NEPTUNE TOWNSHIP SCHOOL DISTRICT

A Community for ALL Learners

OPPORTUNITY.....DIVERSITY.....ACCOUNTABILITY

“If everyone is moving forward together, then success takes care of itself.”

Henry Ford