

Ewing Public Schools

Student Achievement Report: Spring 2024

Board of Education Meeting
October 28, 2024

NJ Student Learning Assessment

a. ELA

- Read and analyze authentic fiction and nonfiction text
- “Emphasizes the importance of close reading, synthesizing ideas within and across texts, determining the meaning of words and phrases in context, and writing effectively when using and/or analyzing sources” - [NJDOE website](#)
- Grade 3, 2x 75min sessions= 150 total; Grades 4-9, 2x 90min sessions= 180 total

b. Math

- “Students will face a mixture of objective items assessing content and practice and constructed-response items requiring the application of grade or course appropriate reasoning and modeling.” - [NJDOE website](#)
- Type I- Computer scored (MC, multi-select, drag-drop, hot spot graphing, etc)
- Type II- Mathematical reasoning, hand scored. Partial credit given
- Type III- Mathematical modeling, hand scored. Partial credit given



NJ Student Learning Assessment

b. Math (continued)

- Grades 3-5 (non-calculator)
 - 3x 60-minute units= 180 total
- Grades 6-8 (mix of non-calculator and active calculator items)
 - 3x 60-minute units= 180 total
- Algebra I, Geometry and Algebra II (mix of non-calculator and active calculator items)
 - 2x 90-minute units= total 180

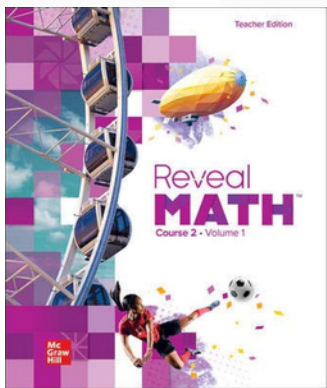
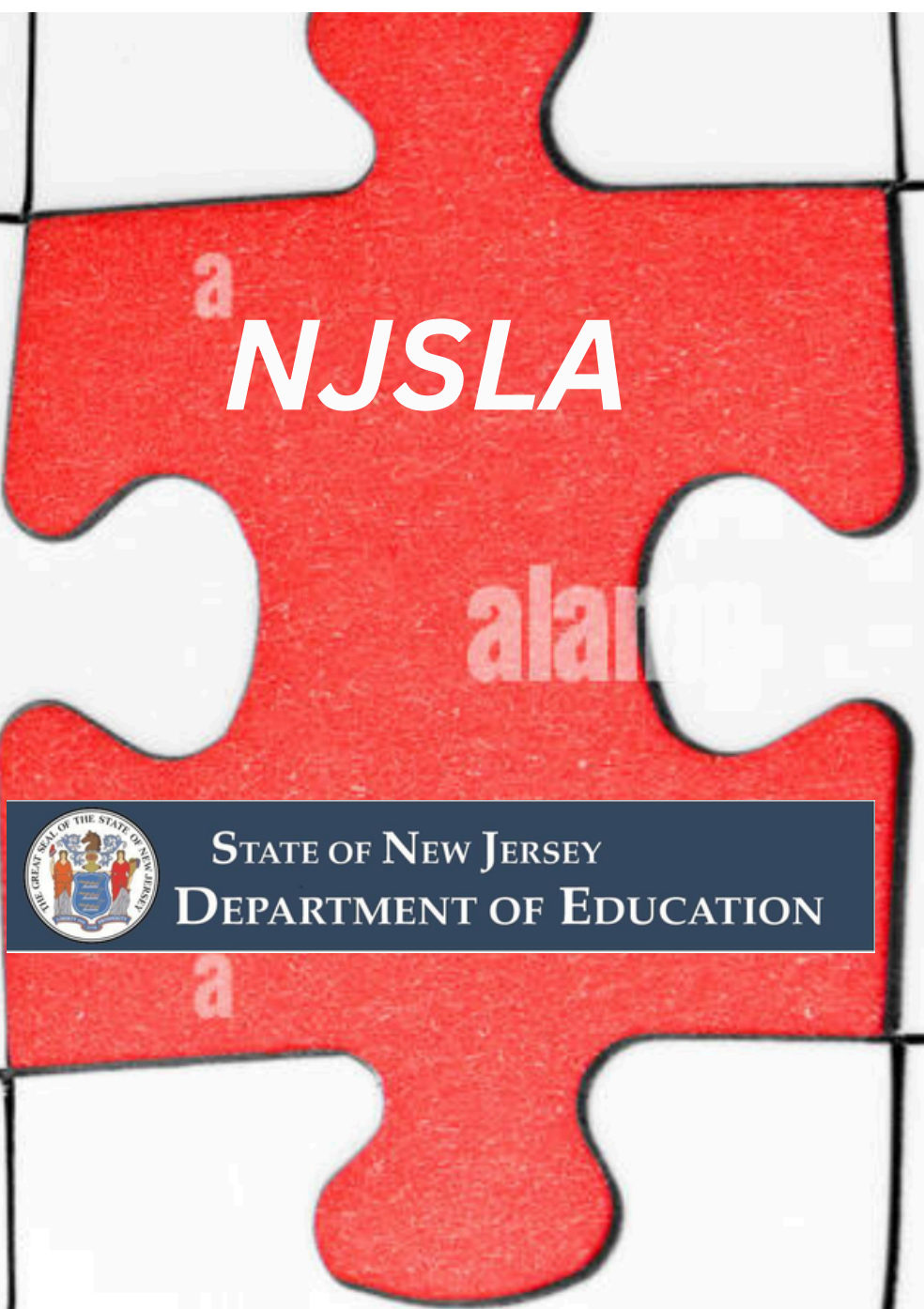
c. Science

- “Measure students’ ability to utilize the science and engineering practices to explain scientific phenomena appropriately” - [NJDOE website](#)
- Investigating, sense making, and critiquing topics of **Physical Science, Life Science, & Earth Science**
- Grade 5 and 8
 - 4 units x 45min= total 180
- Grade 11
 - 4 units x 60 min= total 240



State Assessments – What to Consider...

PRO	CON
<p><u>Student Benefit</u></p> <ul style="list-style-type: none">• Strengths and areas for improvement• Build confidence and comfortability• Goal Setting	<p><u>Not a Predictor of Future Success</u></p> <ul style="list-style-type: none">• Does not measure creativity, critical thinking, leadership, collaboration, and empathy
<p><u>School Improvement</u></p> <ul style="list-style-type: none">• Identify curricular strengths and areas for improvement• Identify areas for teacher PD• Allocation of resources	<p><u>Influenced by Outside Factors</u></p> <ul style="list-style-type: none">• Motivation• Chronic absenteeism• External distractions
<p><u>Family Engagement</u></p> <ul style="list-style-type: none">• Identify areas of strength, and opportunities for growth• Direction of how to support at home	<p><u>Lack of Feedback</u></p> <ul style="list-style-type: none">• Timelines for when scores/reports are provided• No guidelines for a pathway to improve





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English–Language Arts



GRADE 4 ELA

English Language Arts Assessment Report, 2022–2023

This report shows whether FIRSTNAME met grade-level expectations and is on track for the next grade level. This assessment is just one measure of how well your student is performing academically. The results from this assessment should be used in combination with other indicators of achievement in drawing conclusions about your student's performance in English language arts.

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Visit the NJ Parent Portal at nj-results.pearsonaccessnext.com and use the following code to access your student's performance results online.

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See side 2 of this report for specific information on your student's performance in reading and writing.

How Did FIRSTNAME Perform Overall?

Performance Level 3

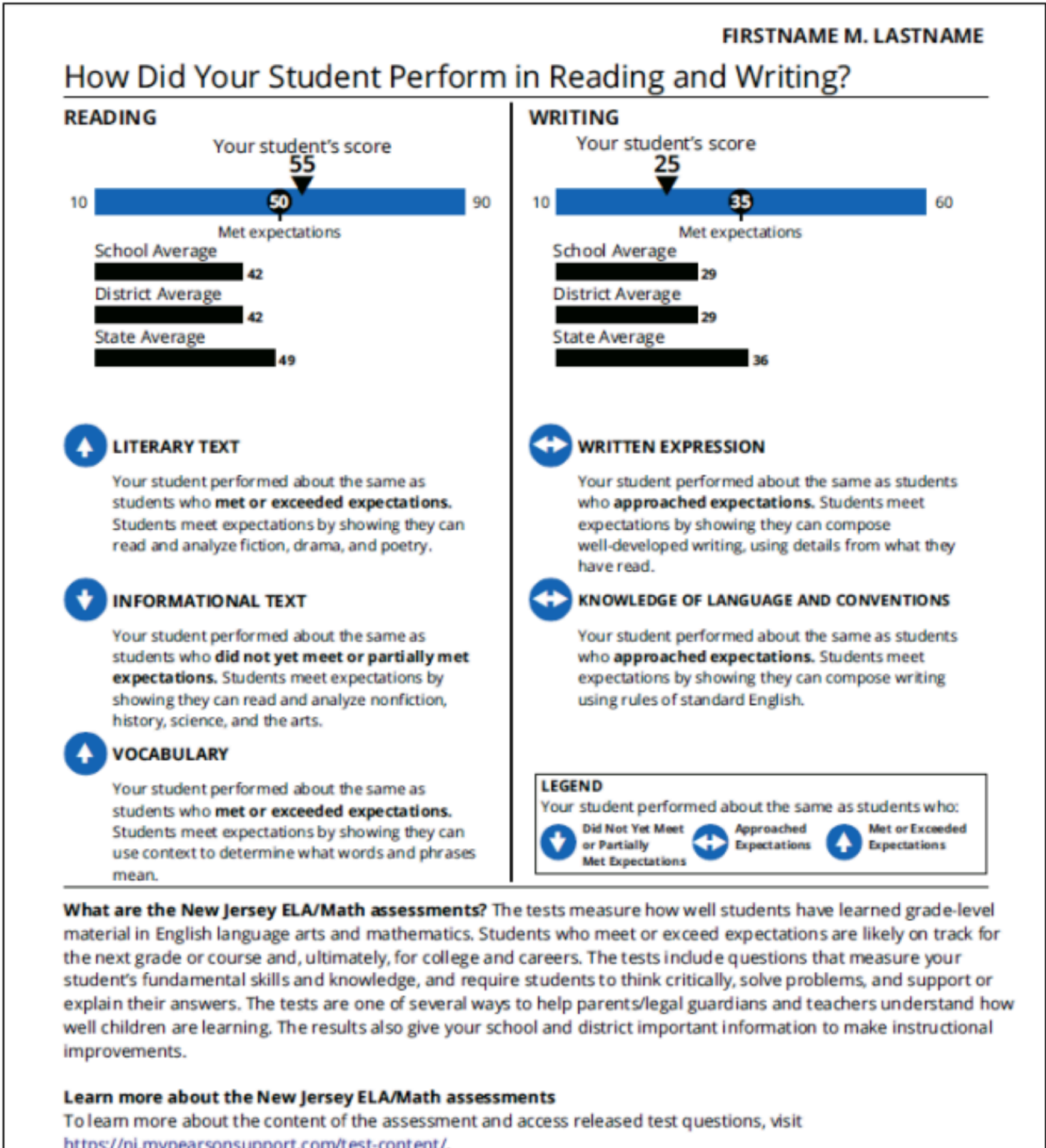
- Level 5 Exceeded Expectations
- Level 4 Met Expectations
- Level 3 Approached Expectations
- Level 2 Partially Met Expectations
- Level 1 Did Not Yet Meet Expectations

Your student's score

746

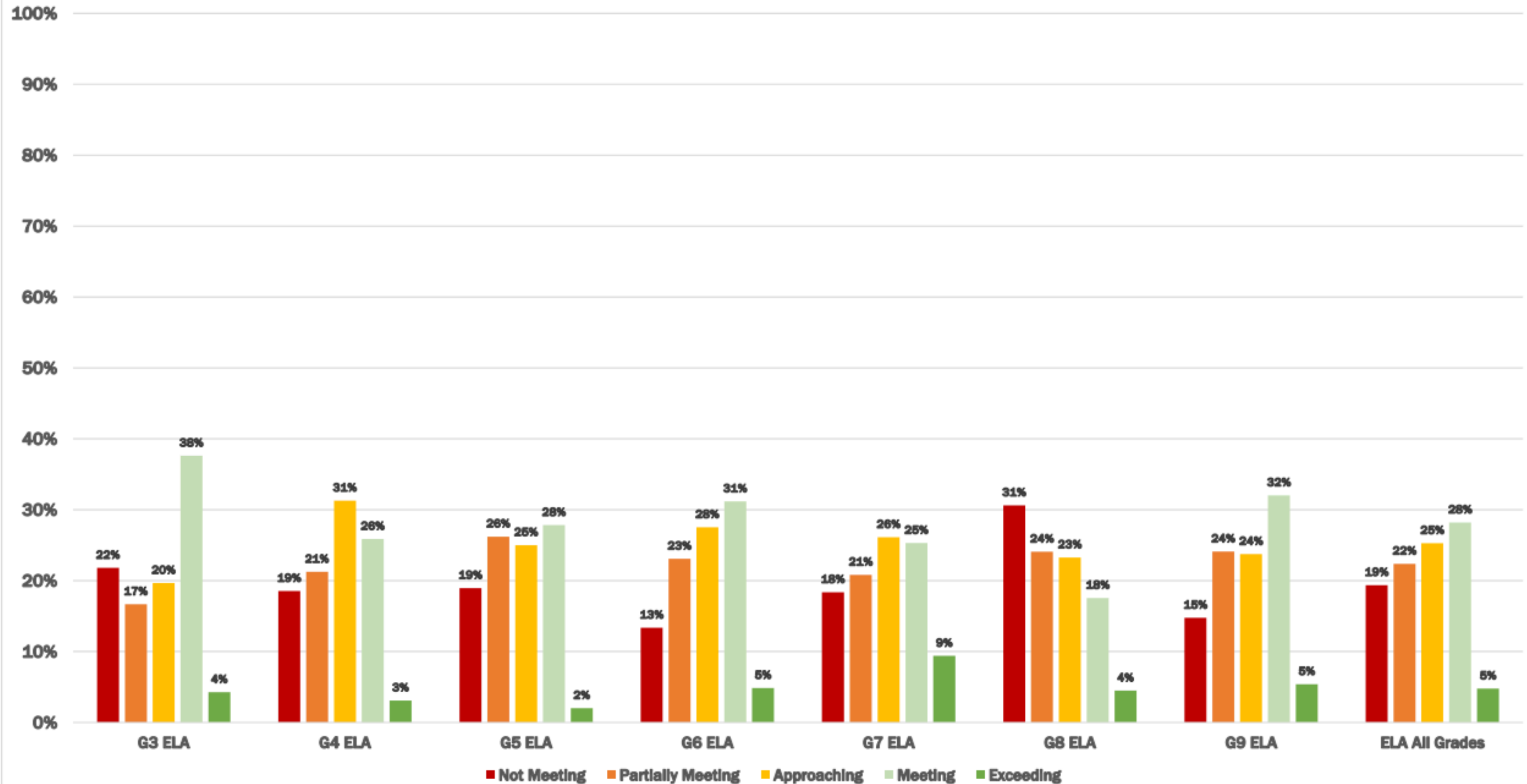


Figure 2.2. Sample ISR — ELA Page 2



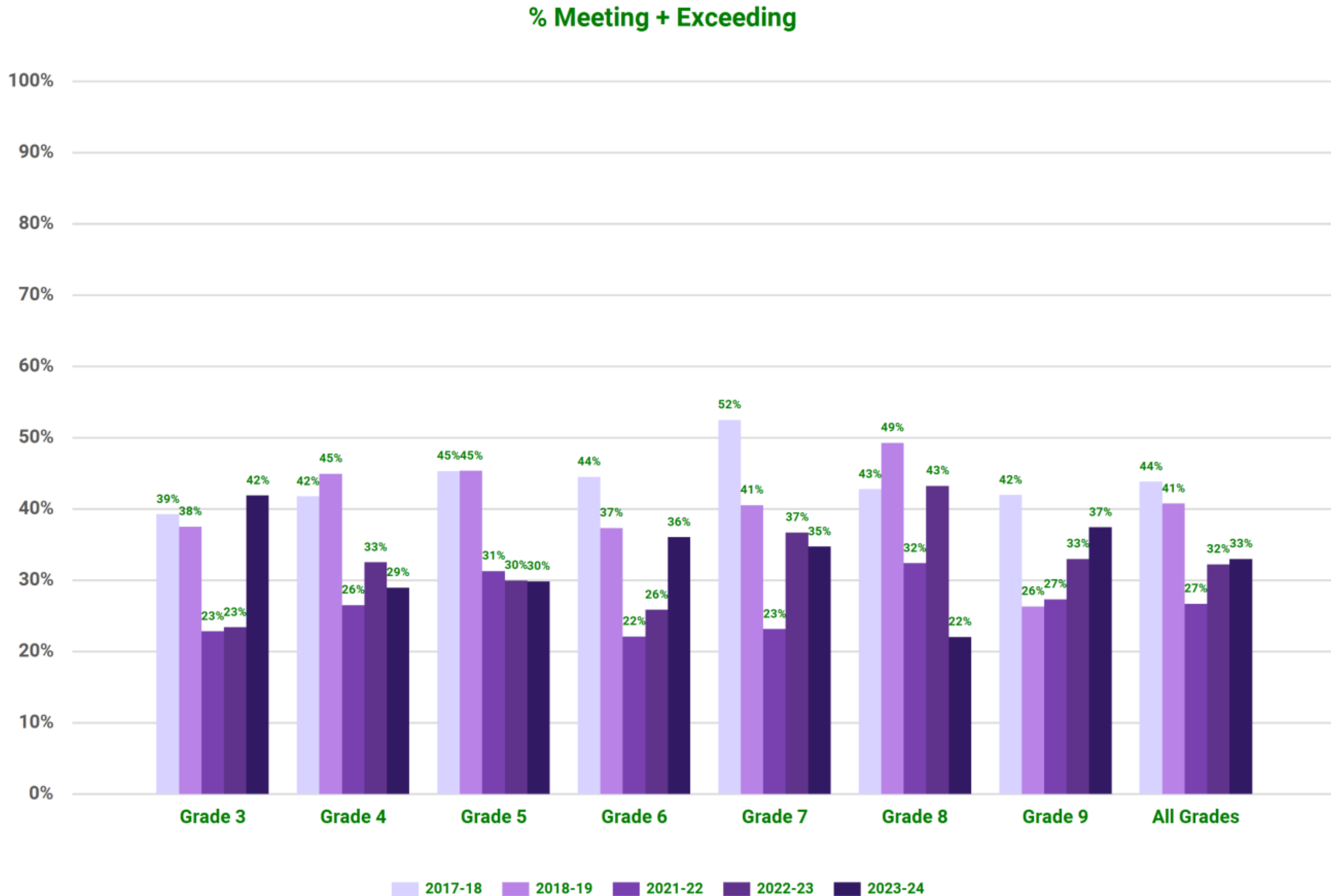
EWING
2023-24 Spring NJSLA
ELA/Language Arts

Distribution by Achievement Level (2023-24)



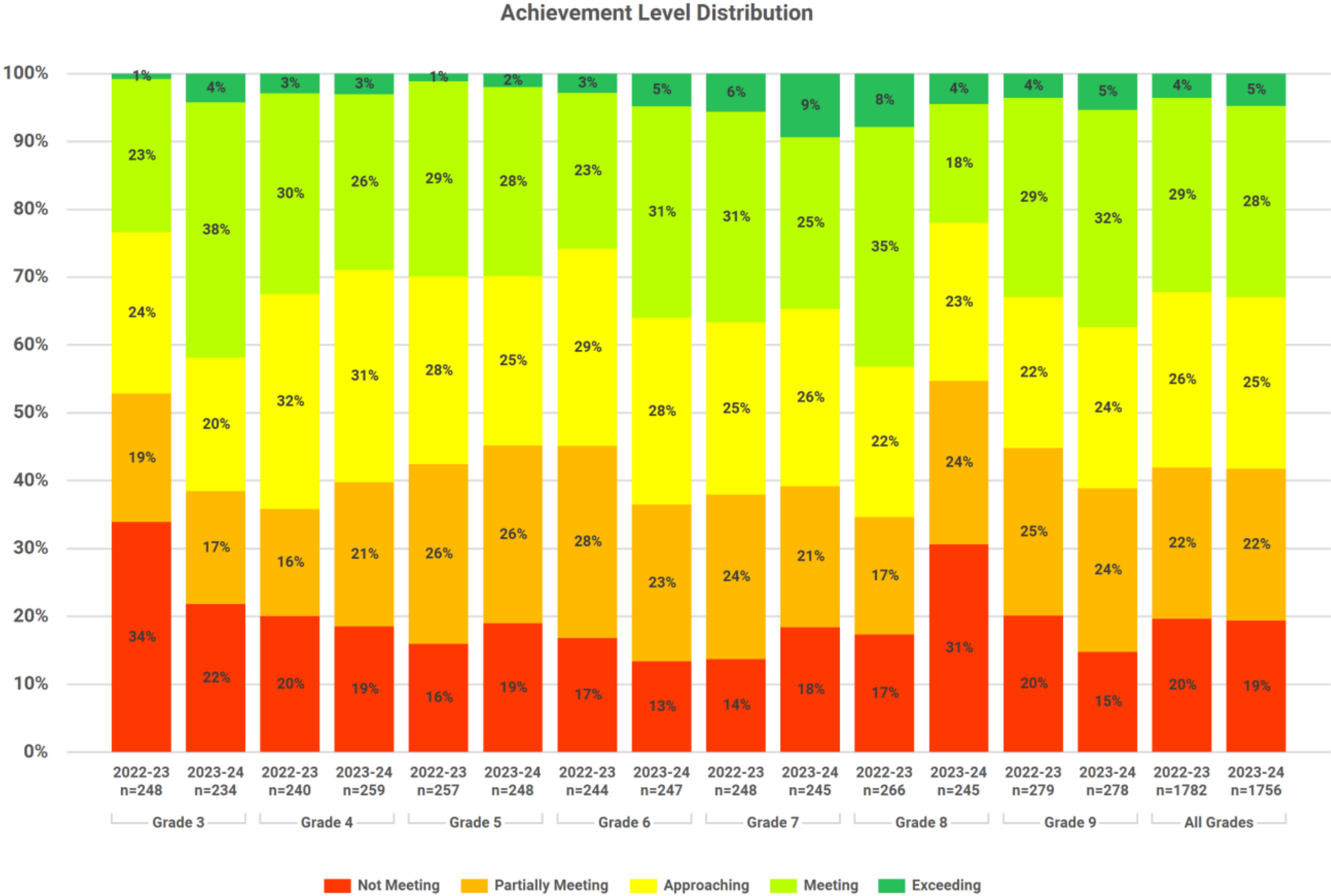
ELA Achievement and Growth

Same grade, different students



ELA Achievement and Growth

Same grade, different students





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Math

Figure 2.7. Sample ISR — Mathematics Page 1

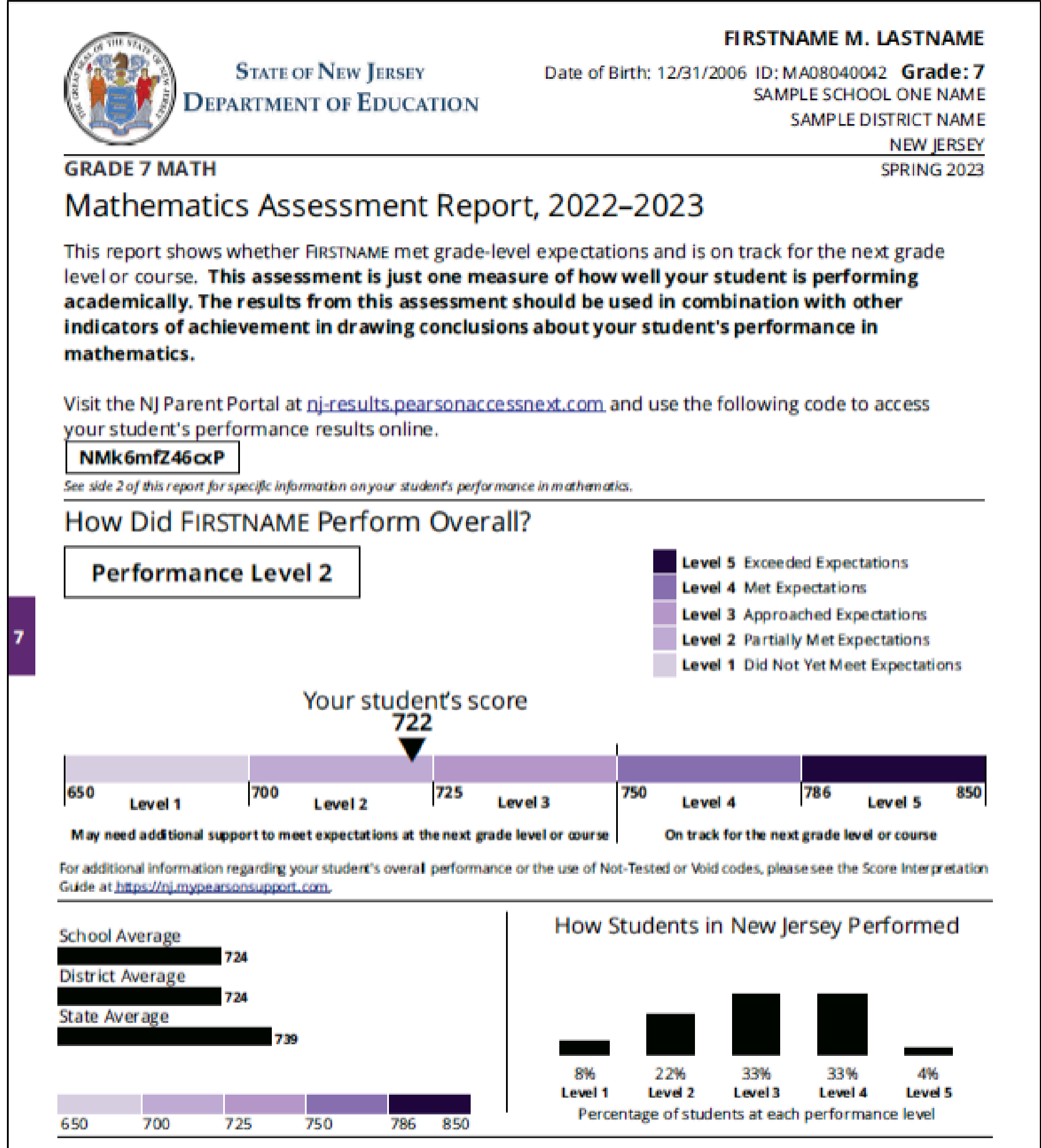
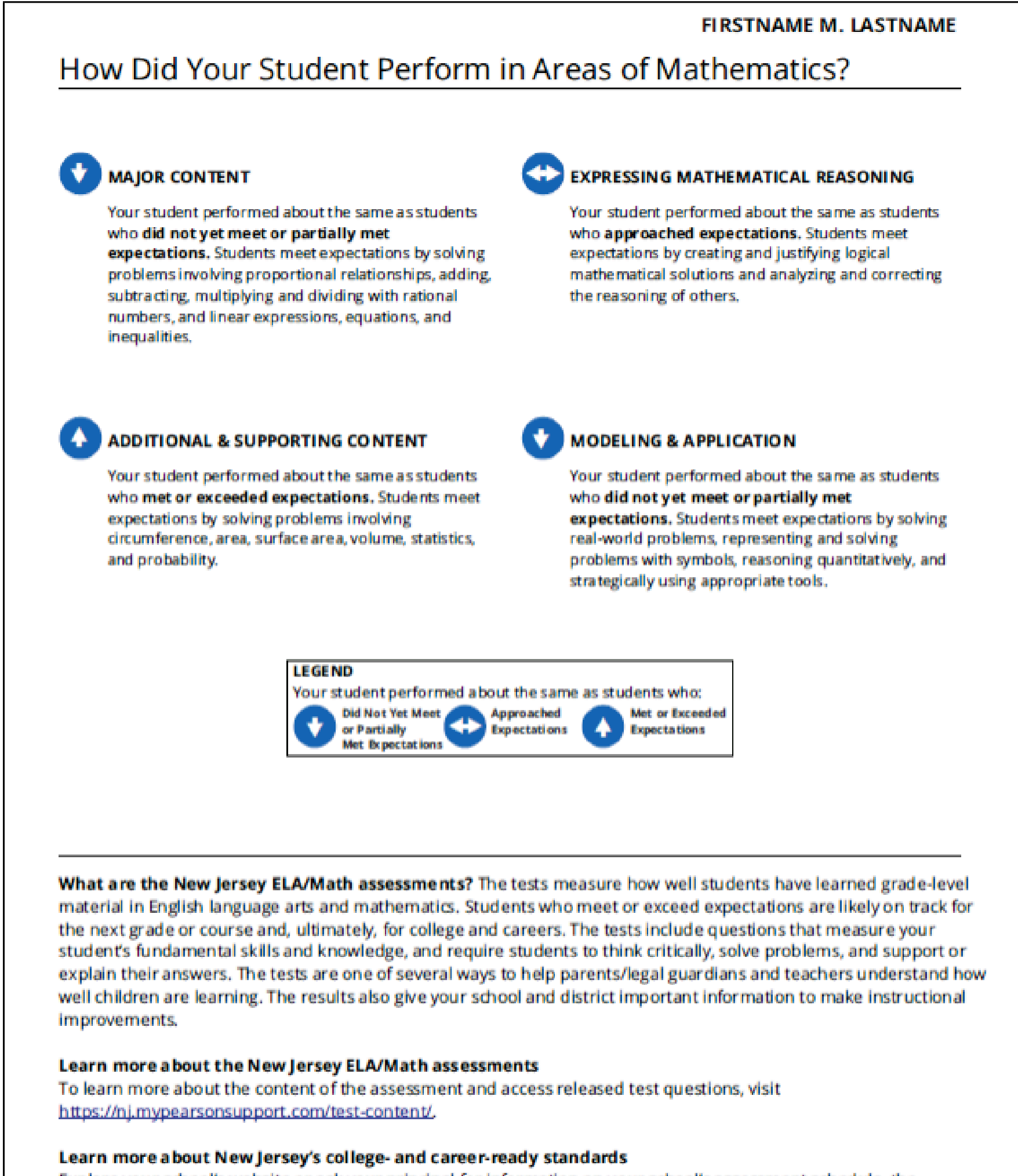
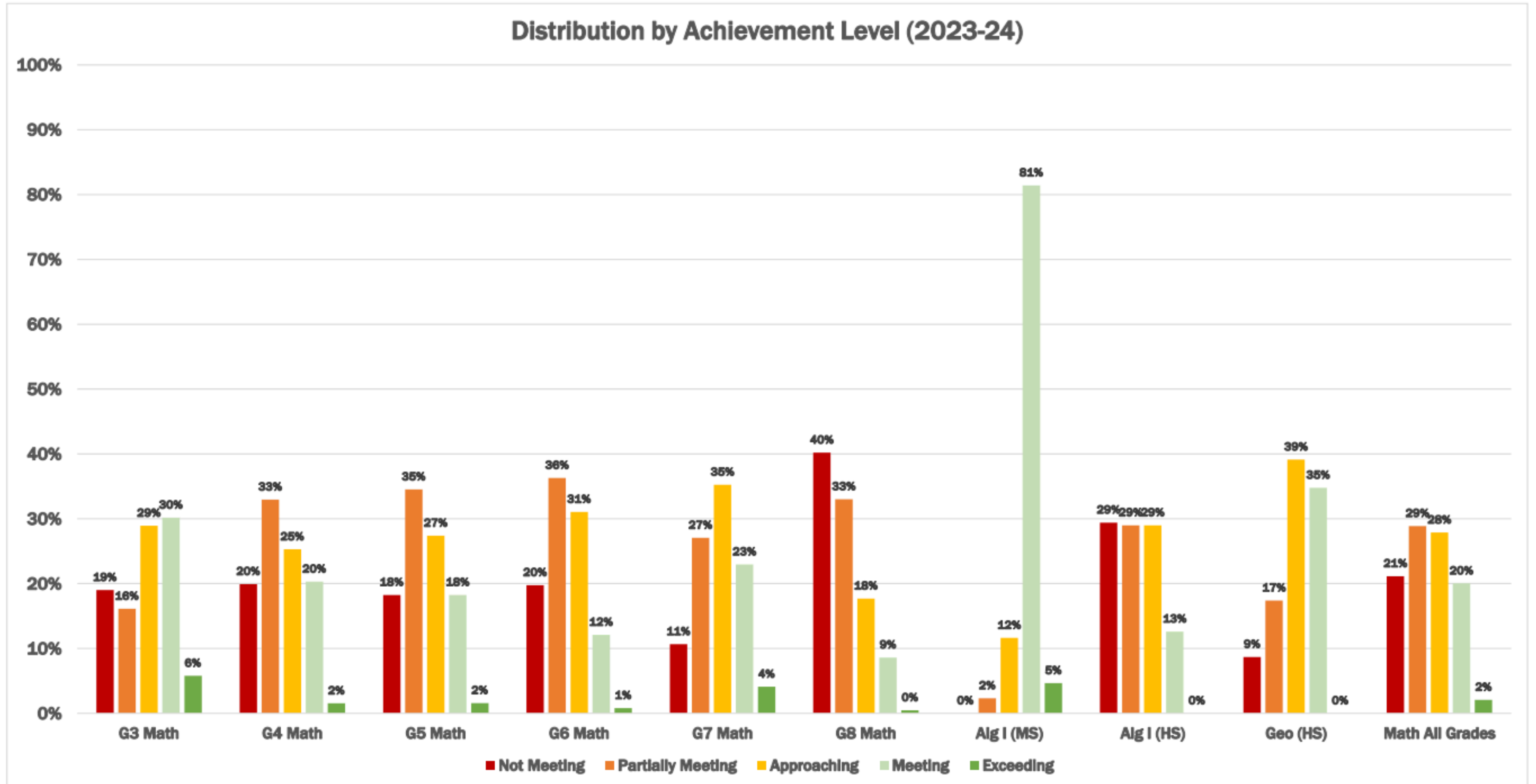


Figure 2.8. Sample ISR — Mathematics Page 2

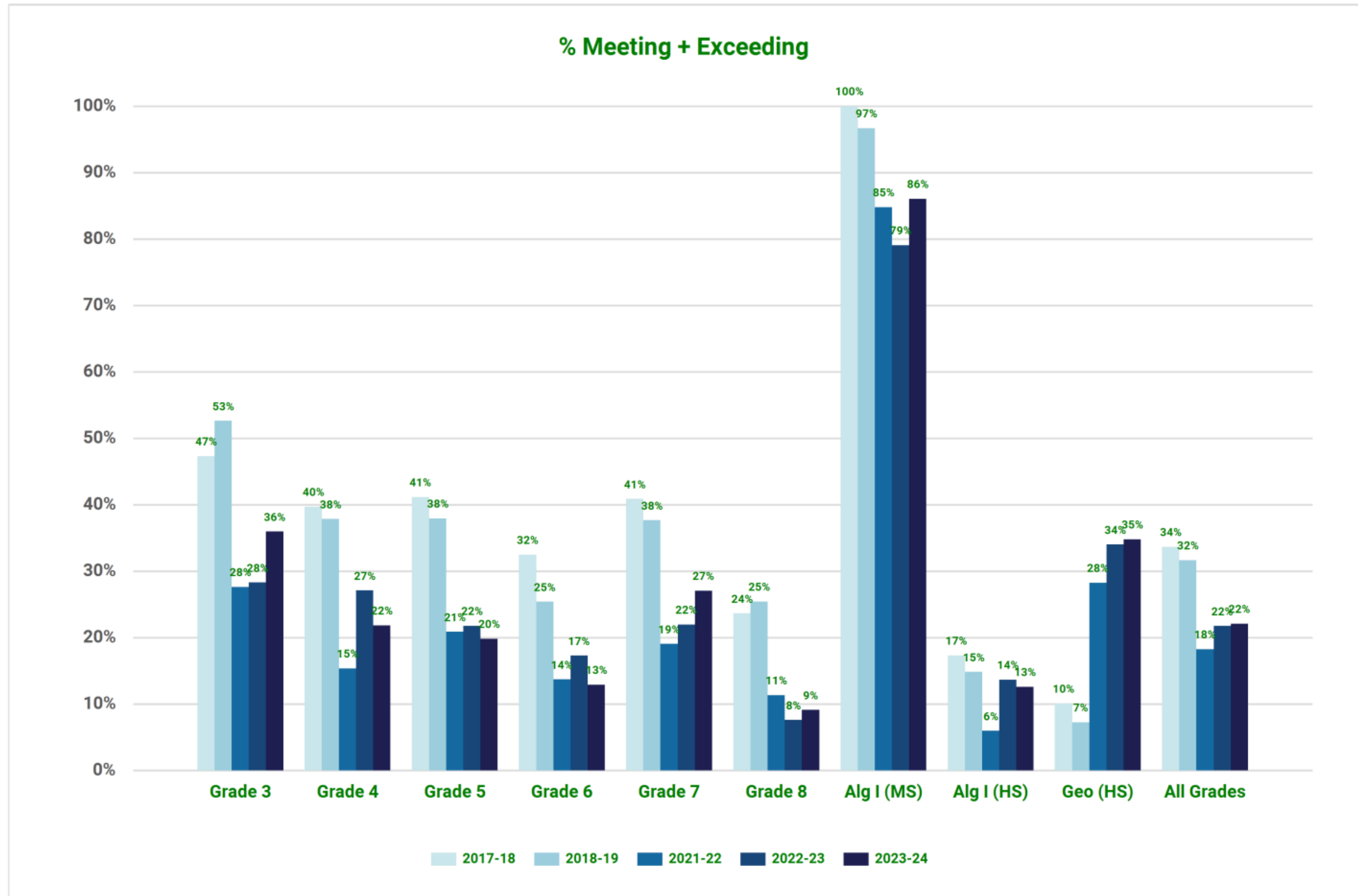


EWING
2023-24 Spring NJSLA
Mathematics



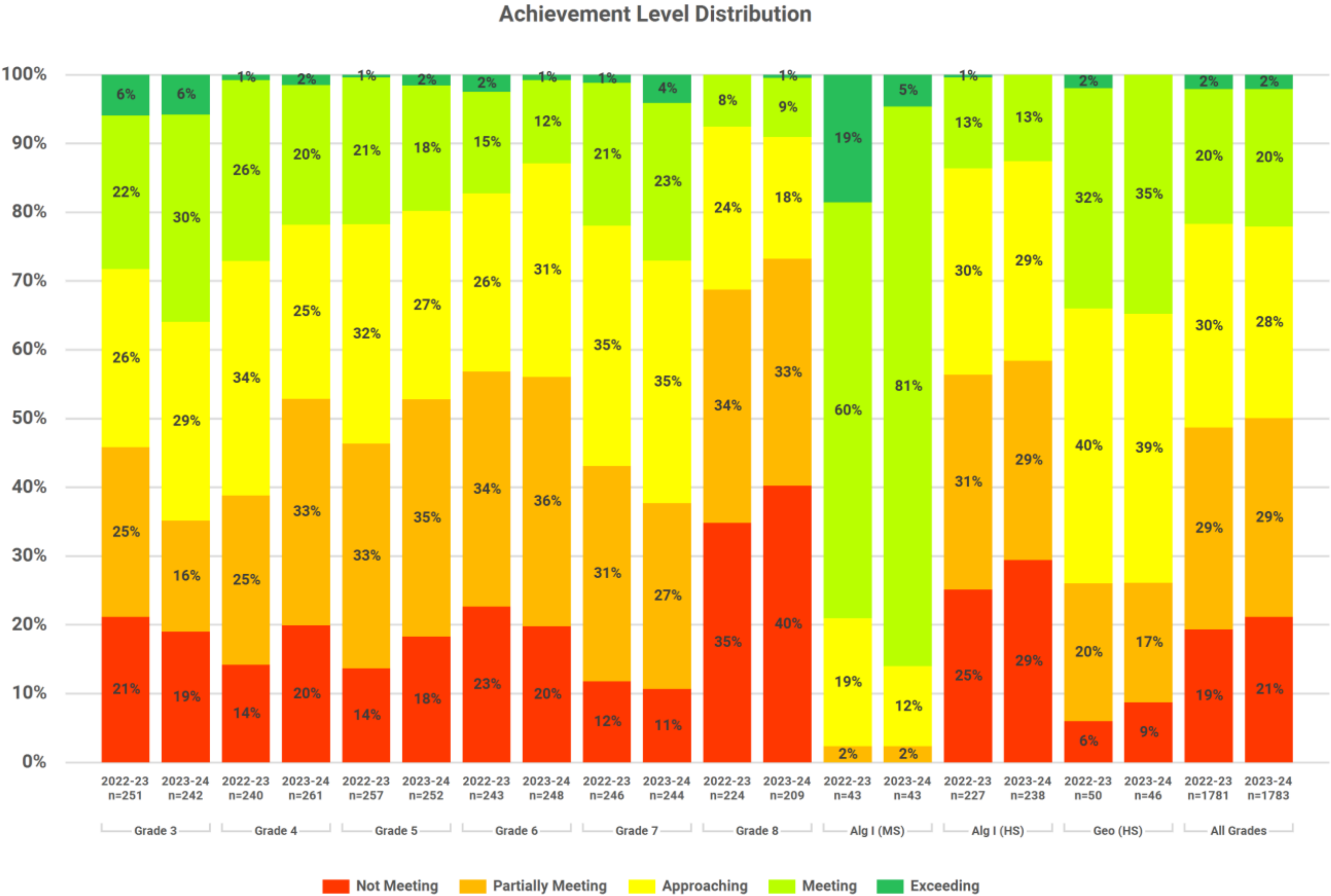
Math Achievement and Growth

Same grade, different students



Math Achievement and Growth

Same grade, different students





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Science

Grades 5, 8, & 11



New Jersey Student Learning Assessment - Science (NJSLS-S)
Individual Student Report

This report shows how FIRSTNAME002 performed on the elementary school science assessment.
This assessment is just one measure of how well your child is performing academically. The results from this assessment should be used in combination with other indicators of achievement in drawing conclusions about your student's performance in science.

Visit the NJ Parent Portal at nj-results.pearsonaccessnext.com and use this code to access your student's results online.

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How did FIRSTNAME002 perform on the NJSLS-S?

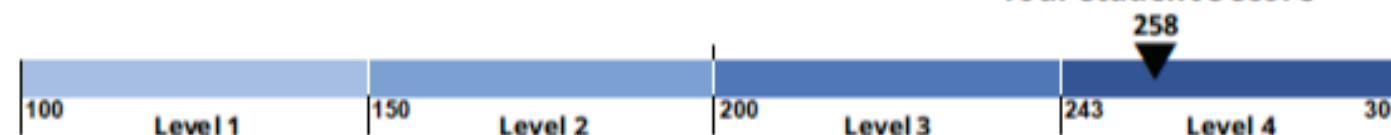
Your student's score: 258

Performance: Level 4

Advanced Proficiency



Your student's score



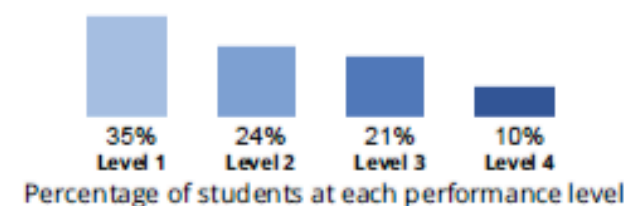
FIRSTNAME002's score on the NJSLS-S indicates that your student is at Level 4.

Students who are at Level 4 demonstrate advanced understanding of the New Jersey Student Learning Standards-Science (NJSLS-S) by integrating information from a variety of sources (e.g., text, charts, graphs, tables) and analyzing the knowledge gained from scientific investigations to develop sophisticated explanations and models of observed phenomena. The students consistently chose and used the appropriate tools to make observations and to gather, classify, and present relevant data. The students considered both essential and non-essential information to explain patterns and relationships between data and designed systems. The students regularly used information and provided supporting explanations in making real-world connections and predictions.

School Average
156
District Average
155
State Average
160



How Students Statewide Performed



See page 2 of this report for specific information on your student's performance using the science domains and practices.

How did your student perform using the domains and practices?

The domains are the content components related to specific disciplines of science.

The practices are methods by which scientists investigate and build models and theories about the world.

✓ Earth & Space Science

Your student's performance is **Above Expectations**.
A student designated as Near/Met Expectations demonstrates knowledge of the processes that operate on and within the Earth and also its place in the solar system and galaxy.

✓ Investigating Practices

Your student's performance is **Above Expectations**.
A student designated as Near/Met Expectations asks questions, plans and carries out investigations based on observations of phenomena, and organizes the data effectively.

≈ Life Science

Your student's performance is **Near/Met Expectations**.
A student designated as Near/Met Expectations demonstrates knowledge of patterns, processes, and relationships of living organisms.

! Sensemaking Practices

Your student's performance is **Below Expectations**.
A student designated as Near/Met Expectations recognizes patterns and relationships in data to develop explanations or models of the phenomena.

✓ Physical Science

Your student's performance is **Above Expectations**.
A student designated as Near/Met Expectations demonstrates knowledge of the mechanisms of cause and effect in all systems and processes that can be understood through a common set of physical and chemical processes.

≈ Critiquing Practices

Your student's performance is **Near/Met Expectations**.
A student designated as Near/Met Expectations evaluates and creates arguments regarding different explanations and claims to convey a deeper understanding of the natural world.

! Below Expectations

≈ Near/Met Expectations

✓ Above Expectations

LEGEND

How will my student's school use the test results?

Results from the test give your student's teacher information about their academic performance. The results also give your school and school district important information to make improvements to the education program.

Learn more about the New Jersey Student Learning Assessment — Science

For more information about the assessment, sample questions, practice tests, and the Score Interpretation Guide (SIG) for this report please visit www.measinc.com/nj/science.

Learn More about the New Jersey Learning Standards

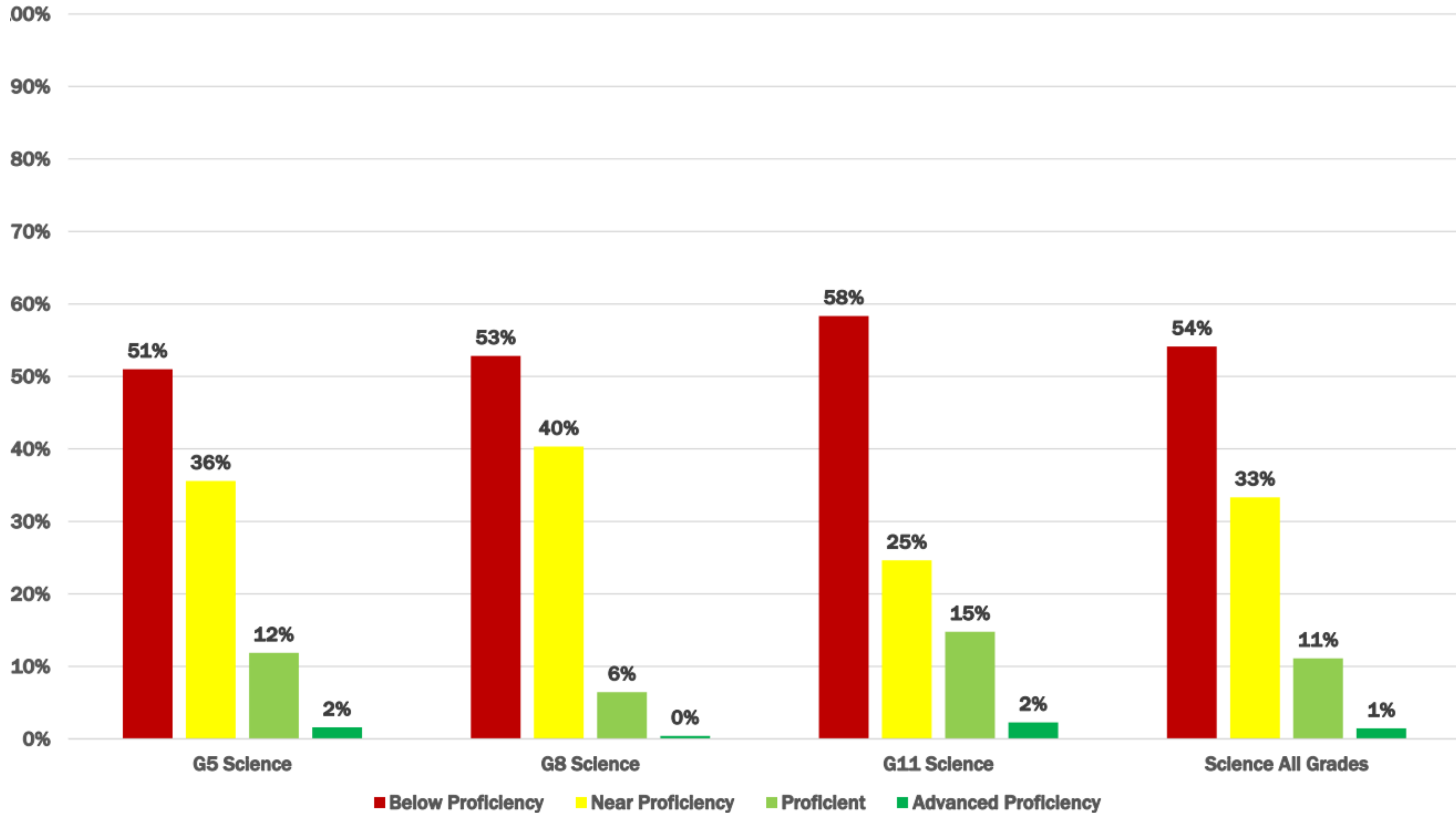
Explore your school website, or ask your principal, for information on your school's annual assessment schedule; the curriculum chosen by your district to give students more hands-on learning experiences that meet state standards; and to learn more about how test results contribute to school improvements. You can also learn more about New Jersey's K-12 standards at <https://www.nj.gov/education/standards/science/Index.shtml>.

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2023-24 Spring NJSLA

Science

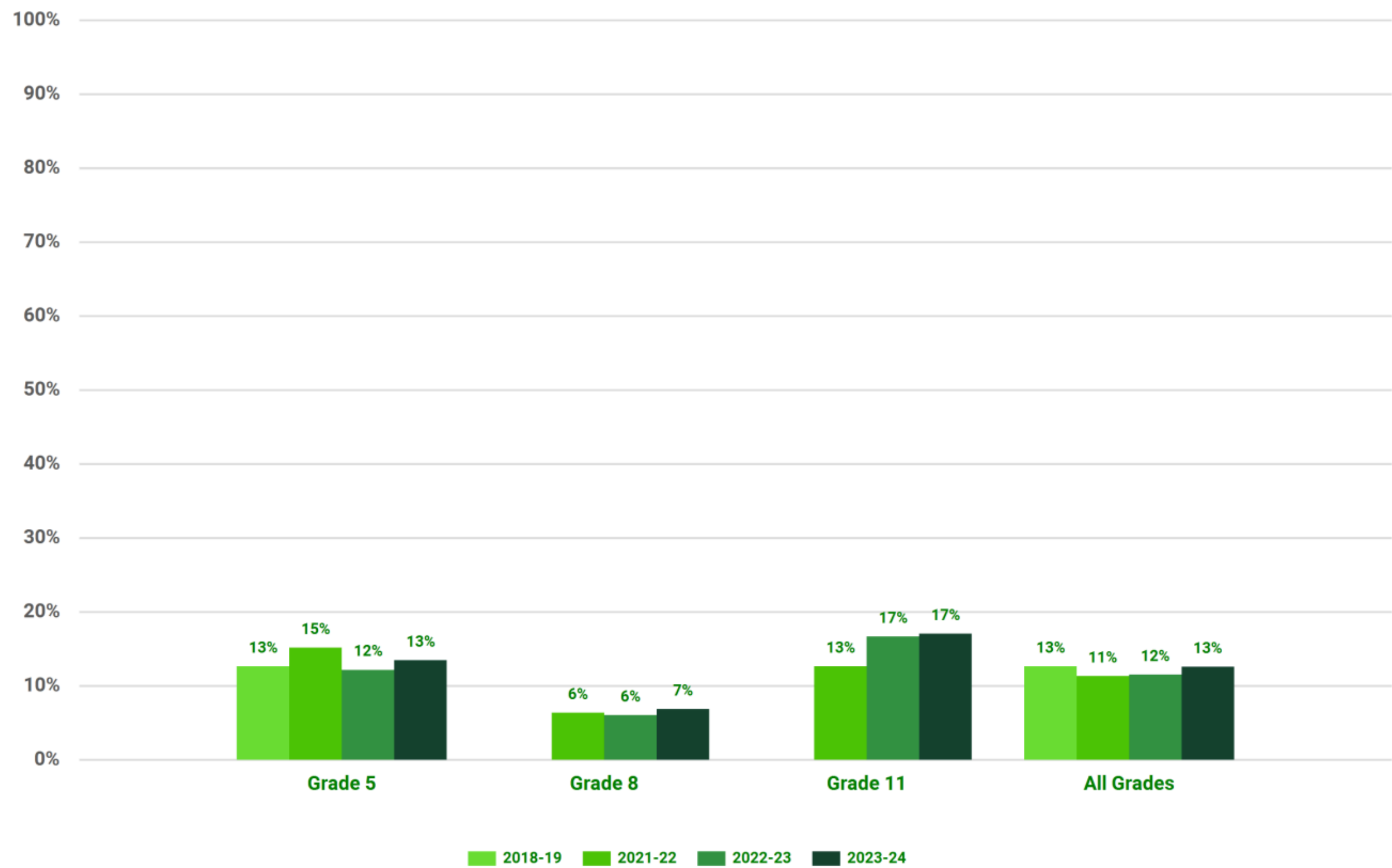
Distribution by Achievement Level (2023-24)



Science Achievement and Growth

Same grade, different students

% Proficient + Advanced Proficiency



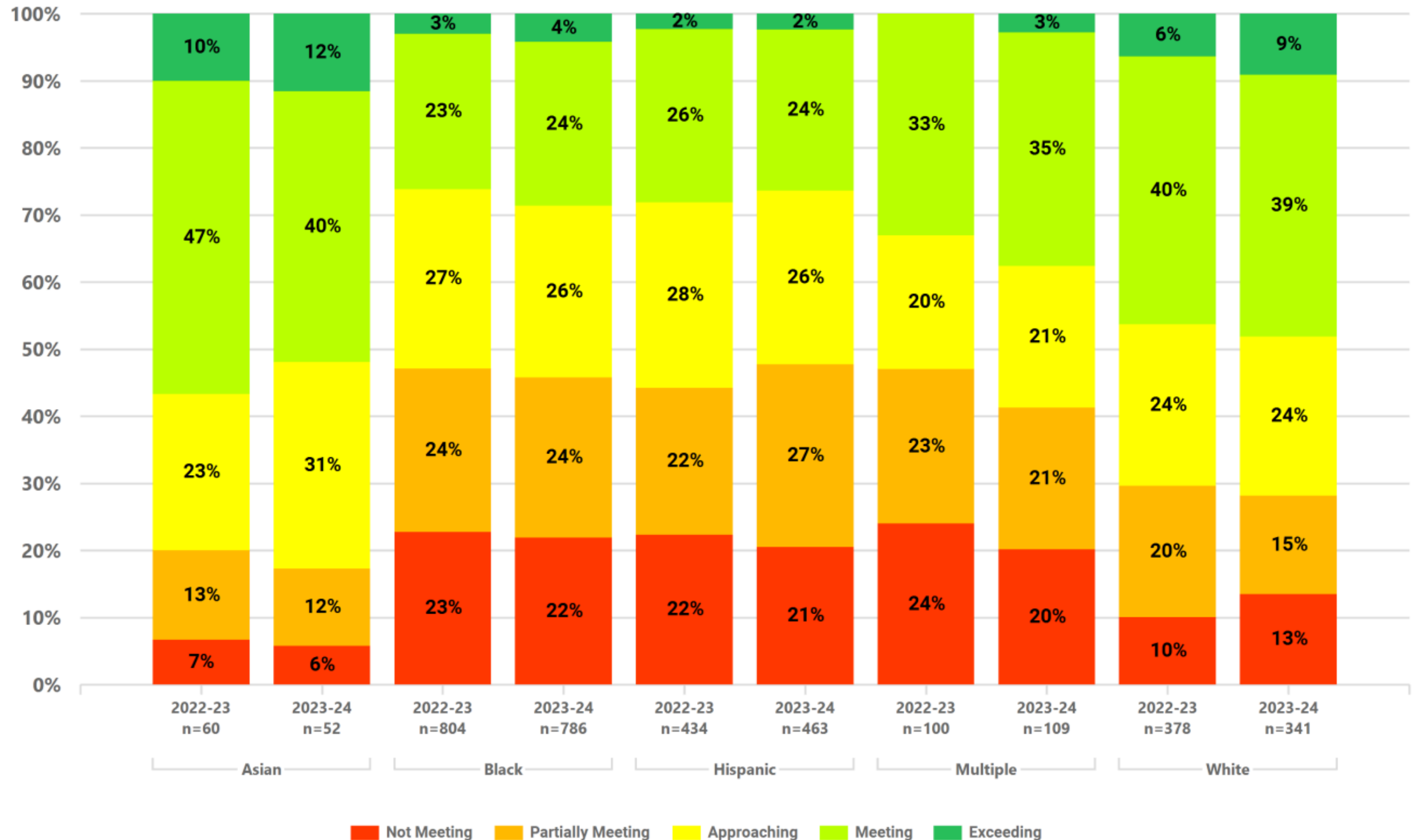


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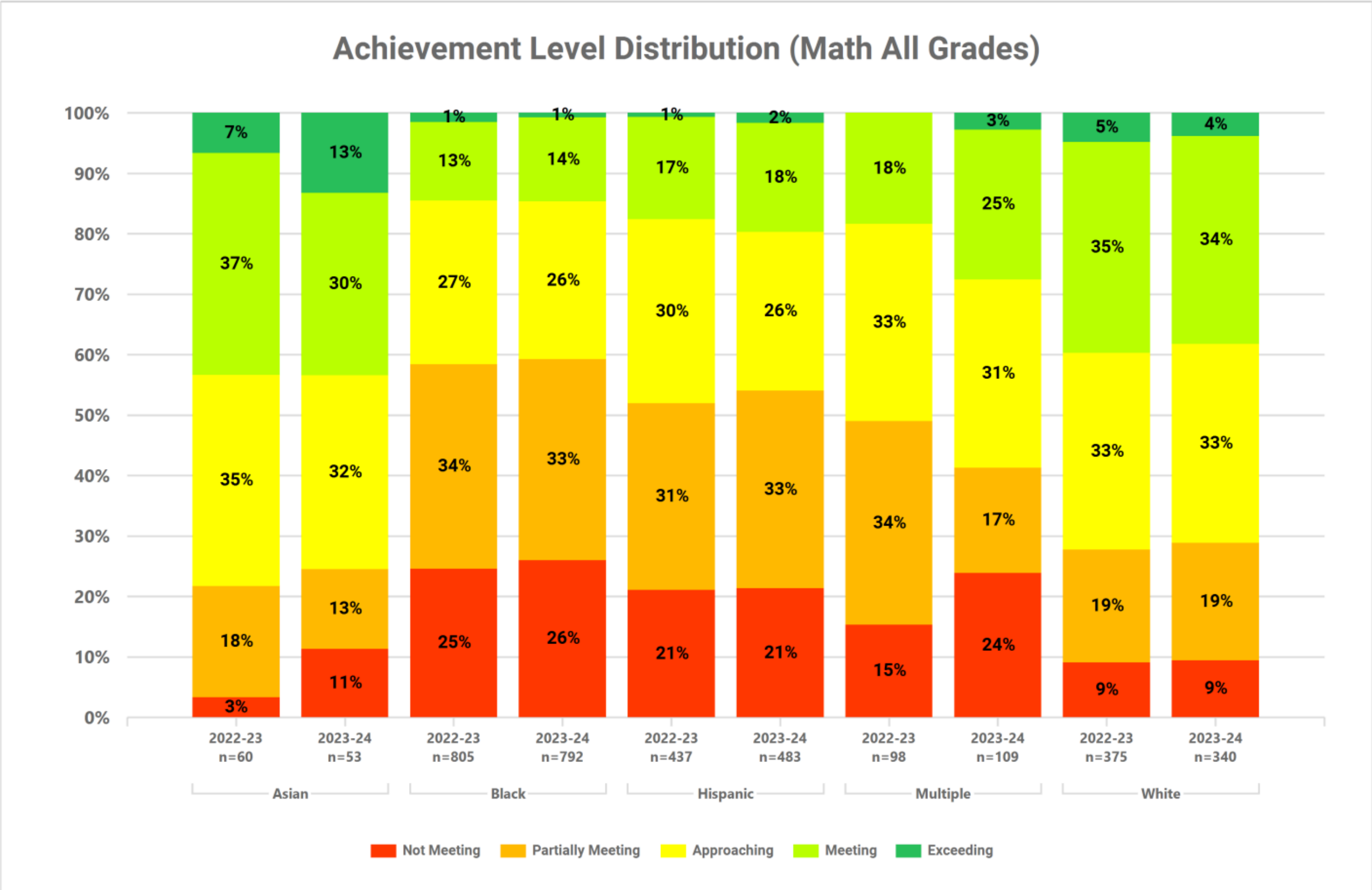
Proficiency by Program & Race- NJSLA (Demographic Report)

Proficiency by Race

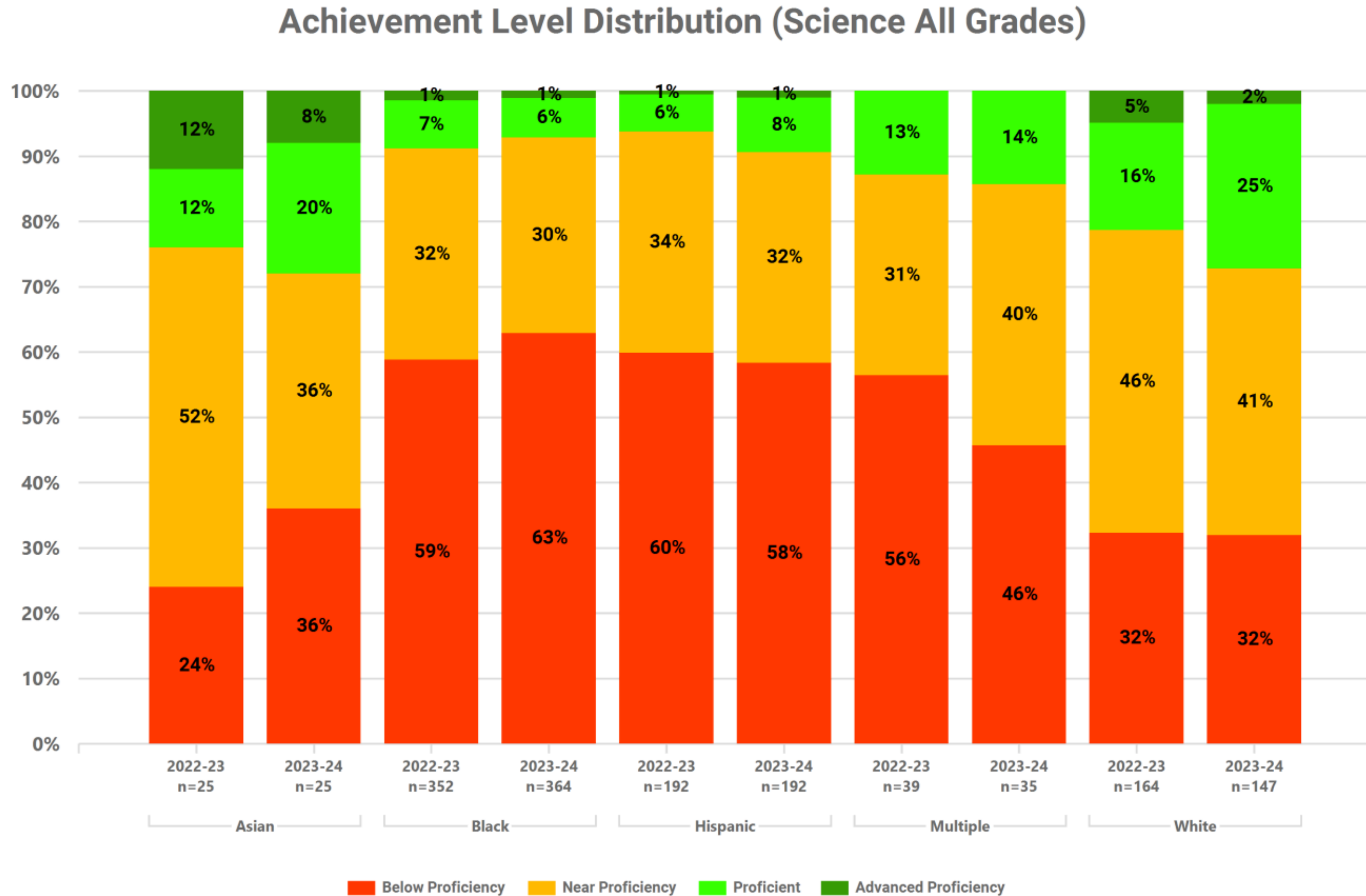
Achievement Level Distribution (ELA All Grades)



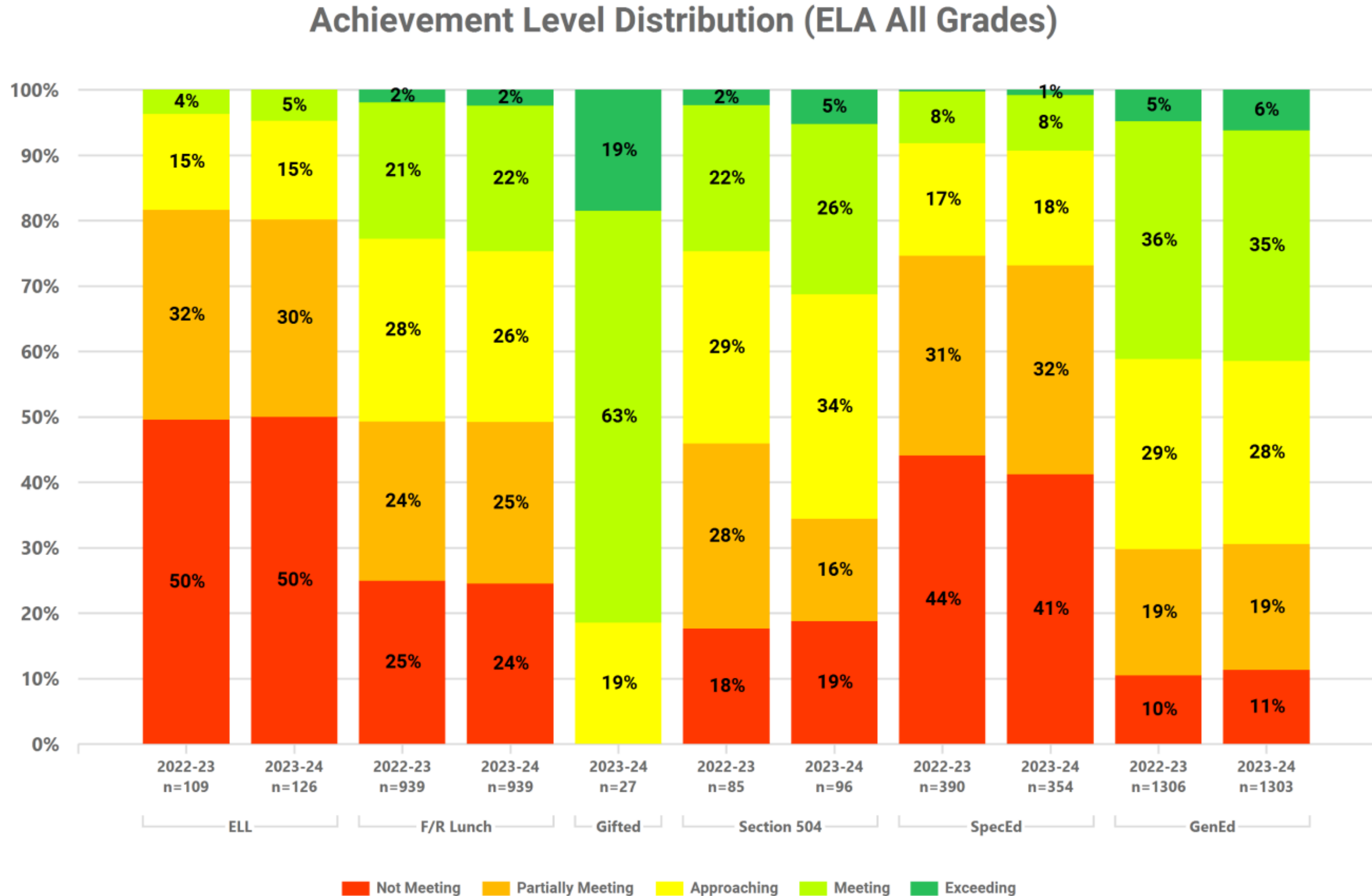
Proficiency by Race



Proficiency by Race

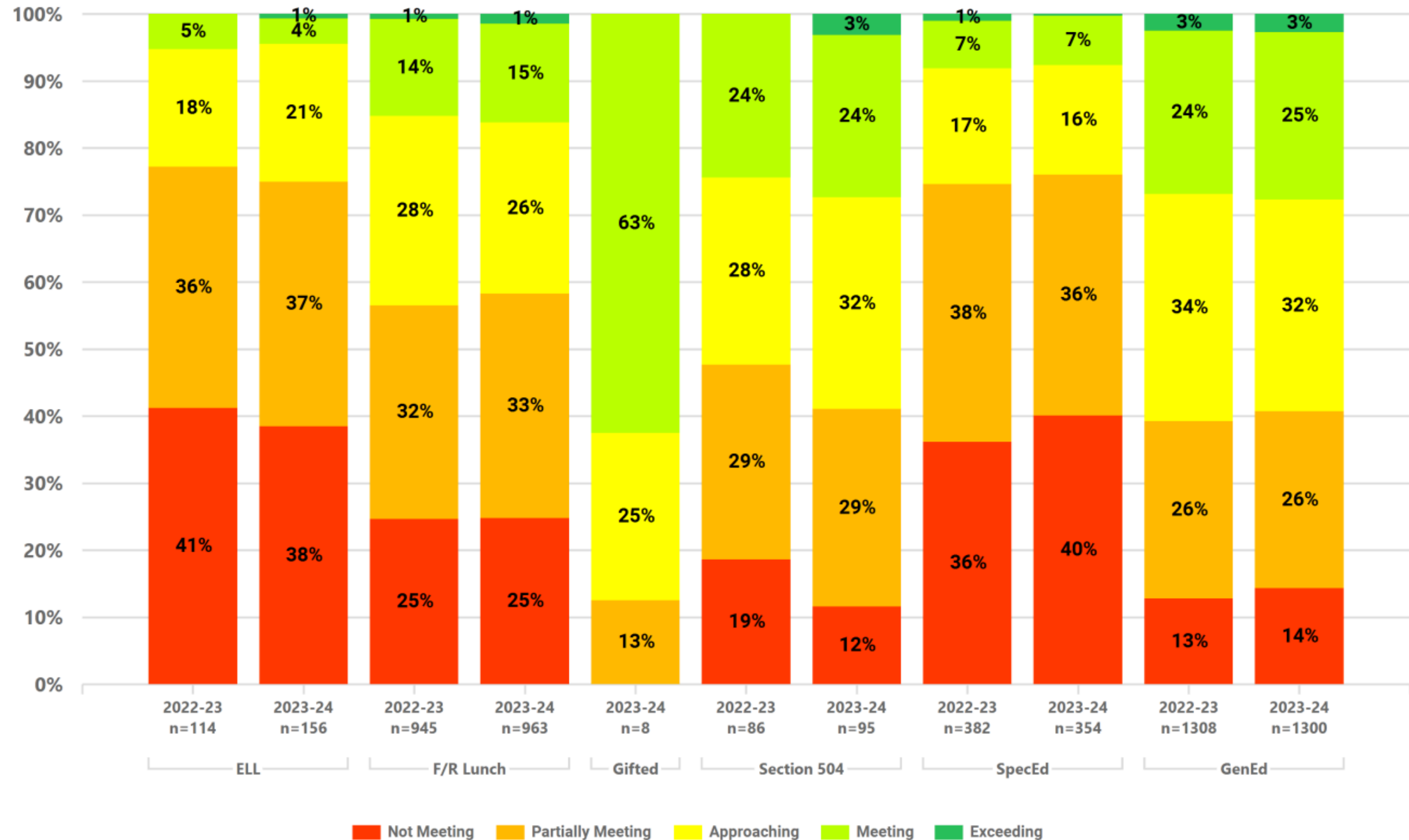


Proficiency by Program



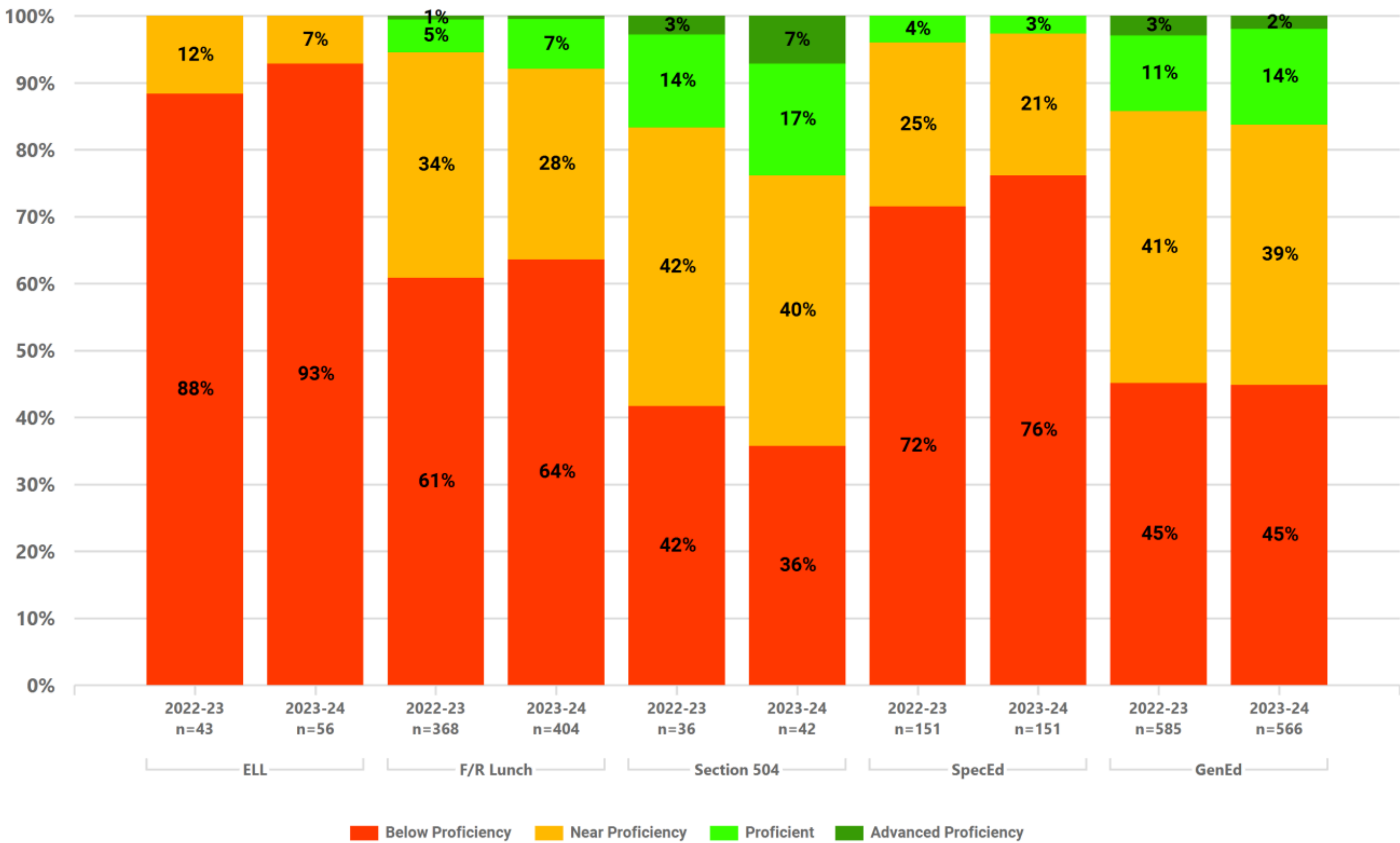
Proficiency by Program

Achievement Level Distribution (Math All Grades)



Proficiency by Program

Achievement Level Distribution (Science All Grades)





Ewing Public Schools

Other 2023-24 Standardized Assessments

Dynamic Learning Maps

- Offered to students with the most significant cognitive disabilities- general education assessments are not appropriate
- DLM provides students an alternative to demonstrate progress in ELA, math, and science
- 38 students participated
- Results are used by CST and parents to help build appropriate IEP goals and objectives.

ACCESS for ELLs

- Annual K-12 assessment to monitor students' progress in learning academic English
- Assess four language domains: Listening, Reading, Writing, and Speaking.
- 310 students participated in testing in 23-24.



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2024-2025 Taking Action!

Addressing Needs

01 Strong Commitment to Data

- Evidence Statement Analysis
- **LinkIt Data Analysis**
 - Whole District
 - Data Carousel
- Regular discussion at dept and grade level meetings

03 Job-embedded Prof. Dev.

- Identify quality and targeted PD that addresses areas for growth
- On-going support instead of “snapshot” learning

02 Articulation

- Across grade-levels
- Across content areas
- Across districts
 - County conversations
 - Additional opportunities with neighboring districts

04 Assessment Readiness

- Exposure to style and demands of questions
- Writing tasks and rubrics

05 Student Support Structure

- RTI Process to support remediation
- ACE/AIM for enrichment

07 Student Agency

- Addressing student motivation through goal setting, school-wide activities, and programs
- Encourage student buy-in through a culture of learning

06 Curricular Program Updates

- K-5 ELA material exploration
- Math materials in 6-12 discussion
- Sprial review of ES science curriculum
- Alignment with 2023 Math/ELA NJSLs

08 A Fresh Set of Eyes...



Ewing Public Schools

Thank You

Dr. Trish Bogusz
Assistant Superintendent of Curriculum and Instruction