



2024 NJGPA Results

Metuchen Public Schools
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NJ Graduation Proficiency Assessment

Overview

- ❑ Designed to measure if students are “Graduation Ready”.
- ❑ ELA Alignment to Grade 10 Standards.
- ❑ Math Alignment to Algebra 1 & Geometry Standards.

- ❑ March 2024 NJGPA results *will be* used to satisfy the graduation requirement for the Class of 2025.

Metuchen Participation

Rate

100%

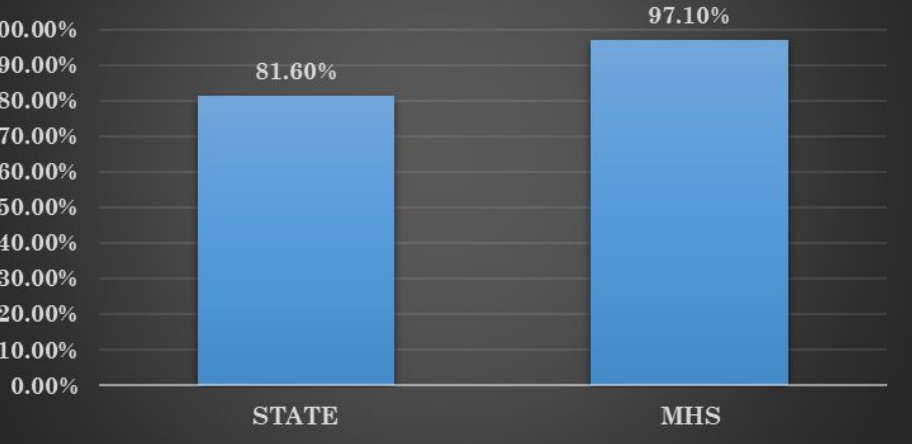
172 out of 172



ENGLISH LANGUAGE ARTS

RESULT ANALYSIS

2024 NJGPA Results - ELA Graduation Ready



MHS Valid Scores

172

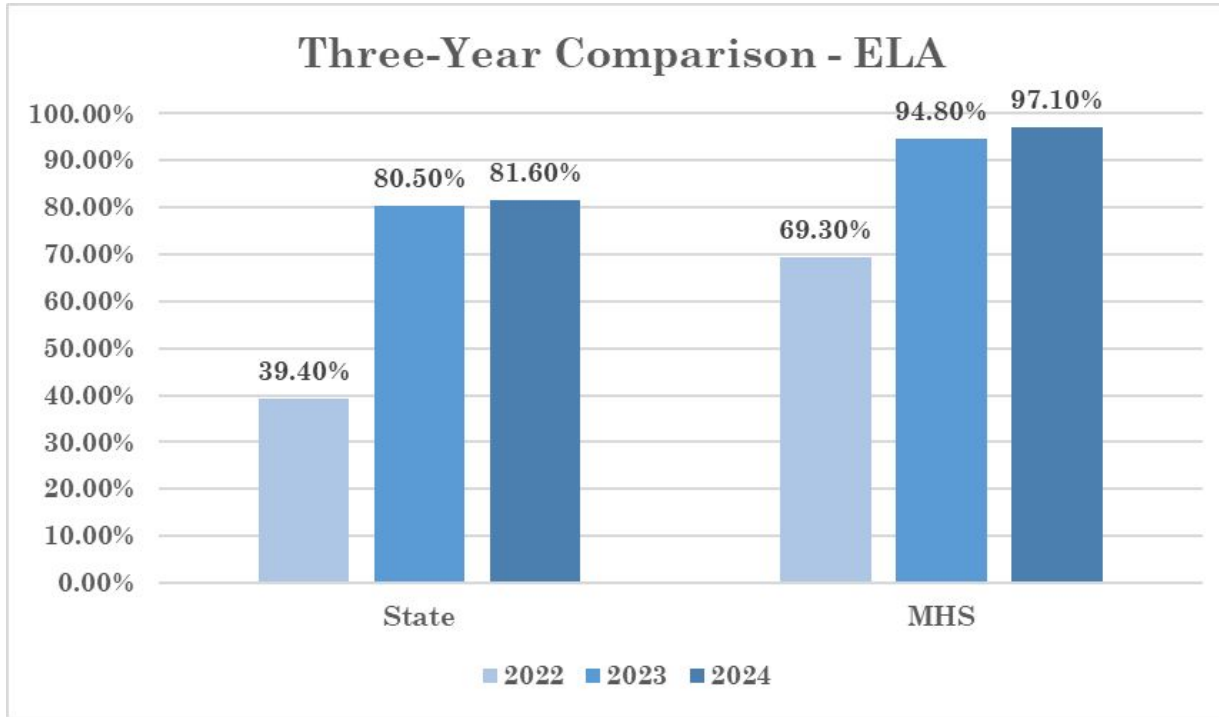
Glows

- ★ MHS outperformed the state by 15.5 percentage points.
- ★ Individual Student Reports reflect students scoring significantly higher than the state on all reading and writing tasks.
- ★ Significant growth in student ability to analyze literature and write in response to a research simulation task.

Grows

- Continue providing students with opportunities to analyze complex characters and their development over the course of a text.
- Provide additional opportunities to analyze historical primary and secondary sources to determine theme, central idea, & key details.

THREE-YEAR RESULT ANALYSIS



ELA NEXT STEPS

Across the board best practices:

- Use assessment data to drive instructional planning.
- Review standards that were assessed.
- Supervisor & Staff collaboration on the analysis of the School Evidence Statement reports, which will be released by the state shortly.
- Focus on instruction for writing and research practices in the ELA & Social Studies classrooms, which was supported through the work with the Drew University National Writing Project.

ELA specific:

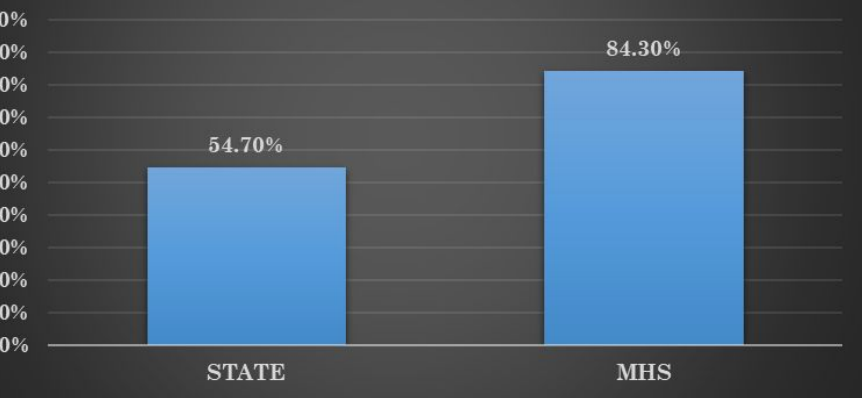
- Continue to infuse more critical reading and writing skills in history, social studies, science, and technical subjects.
- Facilitate second year of training on teaching the Writing Process, in coordination with the National Writing Project.



MATHEMATICS

RESULT ANALYSIS

2024 NJGPA Results - MATH Graduation Ready



MHS Valid Scores

172

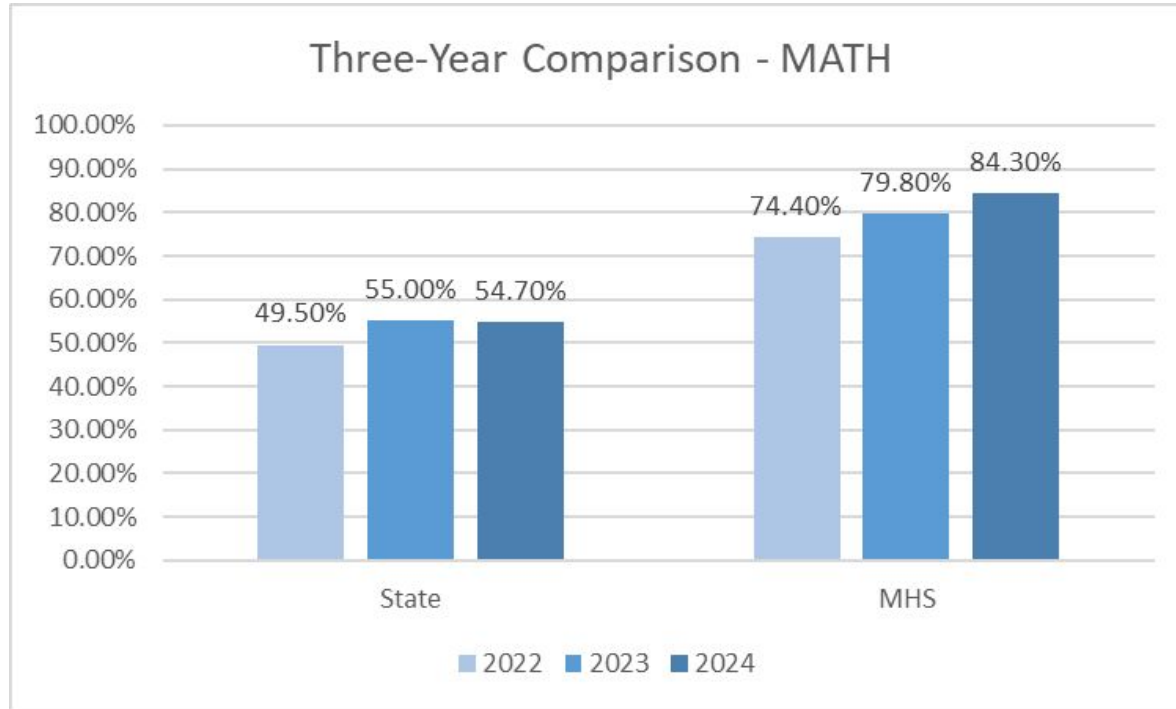
Gloss

- ★ MHS outperformed the state by 29.6 percentage points.
- ★ Understanding and using different types of geometric proofs.
- ★ Solving linear, quadratic, and exponential equations, specifically through understanding of key features of graphs & tables.
- ★ Understanding and interpreting algebraic expressions and linear models.
- ★ Using congruence and similarity criteria for triangles to solve problems and prove relationships in geometric figures.
- ★ Understanding how to problem-solve and solve word problems related to right triangles, inscribed angles, radii, and chords.

Grows

- Continue work with solving real-world problems and cross-curricular connections.
- Use algebra to prove properties of given functions.
- Apply geometric reasoning in a coordinate setting and/or use coordinates to draw geometric conclusions.
- Solve multi-step contextual problems involving perimeter, area or volume that require solving a quadratic equation.

THREE-YEAR RESULT ANALYSIS



MATH NEXT STEPS

Across the board best practices:

- Use assessment data to drive differentiated instruction.
- Analysis of School Evidence Statements and LinkIt results to drive curriculum and instruction decisions.
- Engagement in Data Driven Conversations with teachers.
- Emphasize student-centered approach to instruction with regular incorporation of mathematical discourse.
- Further incorporate Small Group Instruction with evidence directly in lesson plans and formal observations.

Math specific:

- Examination of performance based on evidence statements to drill down into the types of tasks students need more explicit instruction on how to solve problems posed.
- Collaboration on design and implementation of exemplar lessons that utilize a balanced approach focusing on conceptual understanding, procedural skill and fluency, & application.

SUB-GROUP PROFICIENCY PERCENTILES

THREE-YEAR RESULT ANALYSIS

Sub Group	ELA			MATH		
	2022	2023	2024	2022	2023	2024
Latino/Hispanic	69.0%	96.0%	96.2%	66.0%	78.0%	80.8%
Asian	74.0%	95.0%	100.0%	85.0%	85.0%	97.4%
White	71.0%	96.0%	96.6%	76.0%	80.0%	80.5%
Special Education	25.0%	68.0%	80.0%	15.0%	44.0%	40.0%

ELA increase in all 4 subgroups

Math increase in 3 of 4 subgroups

Note: Subgroups with less than 10 students are not represented for privacy purposes

SUB-GROUP NEXT STEPS

- Data dives with attention to demographic data to identify tiered intervention supports
- Data-driven Differentiated Instruction through
 - Small group instruction in Math
 - Individual reading and writing conferencing in ELA.
 - Intervention push-in and pull-out services for struggling students
- Use of federal grant funds to provide math support for struggling students, including those in sub-groups with lowest achieving scores
- Provide all students one-on-one On Demand chat tutoring 24/7 through Varsity Tutors

OTHER NEXT STEPS

- Graduation Ready requires ≥ 725 on both Math and ELA sections of the NJGPA
- Students who did not yet meet criteria will be provided with multiple opportunities to demonstrate graduation readiness, including:
 - Readadministration of NJGPA in Fall 2024
 - Secondary pathways demonstrated by reaching designated cut scores on PSAT, SAT, or ACT (Only available to those who attempted the NJGPA)
 - Portfolio administration
- Graduation readiness can be demonstrated on separate measures for ELA and Math
- DLM alternate is utilized for a small number of qualified students

See NJDOE site for Classes of 2023–2025 High School Graduation Assessment Requirements



THANK YOU!
