

AP / SAT / ACT 2024

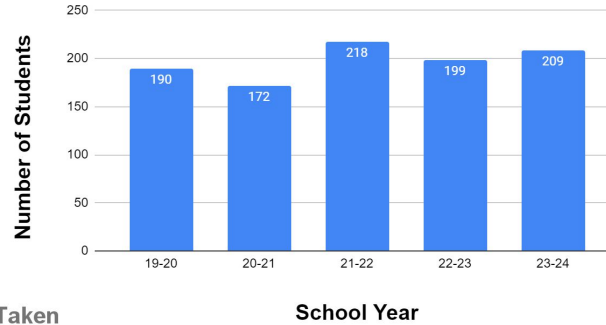
Presented by:
Edward C. Porowski



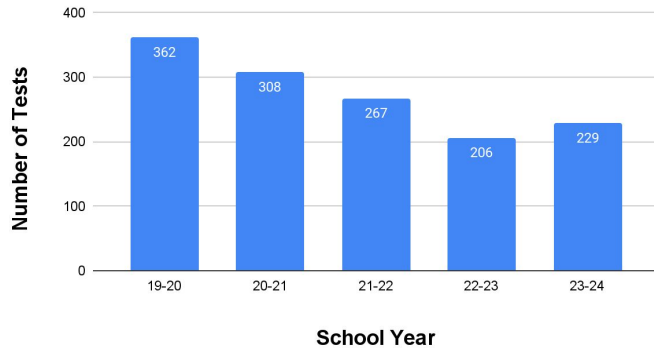
Tuesday, November 12, 2024

College Readiness Exam Participation

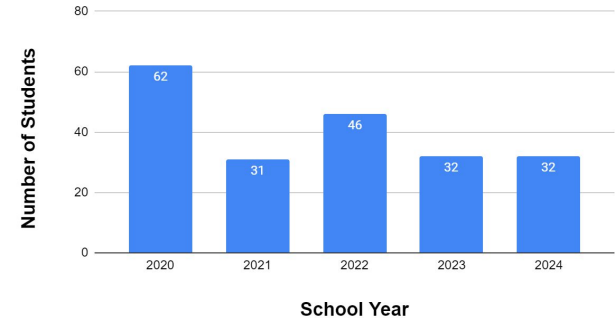
Number of AP Students



Number of 11th and 12th Grade MHS Total SAT Tests Taken



Number of MHS ACT Test Takers



AP Total Offerings and Exams Data

	2020	2021	2022	2023	2024
AP Offerings	22	21	21	20	22
# of Exams taken	423	381	520	465	506

AP Student Numbers per Exam

Exam	Number
English Language & Composition	34
English Literature & Composition	14
European History	*
US Government and Politics	13
US History	76
Psychology	*
Calculus AB	37
Calculus BC	23
Statistics	56
Biology	21

AP Exam	Number
Chemistry	*
Environmental Science	47
Physics 1	68
Physics 2	12
Spanish Language and Culture	15
2D Art Design	*
Art History	*
Drawing	*
Computer Science A	*
Computer Science Principles	10
Microeconomics	27
Music Theory	*

*Any course with less than 10 students not reported



AP Student Exam Taken Percentage per Course

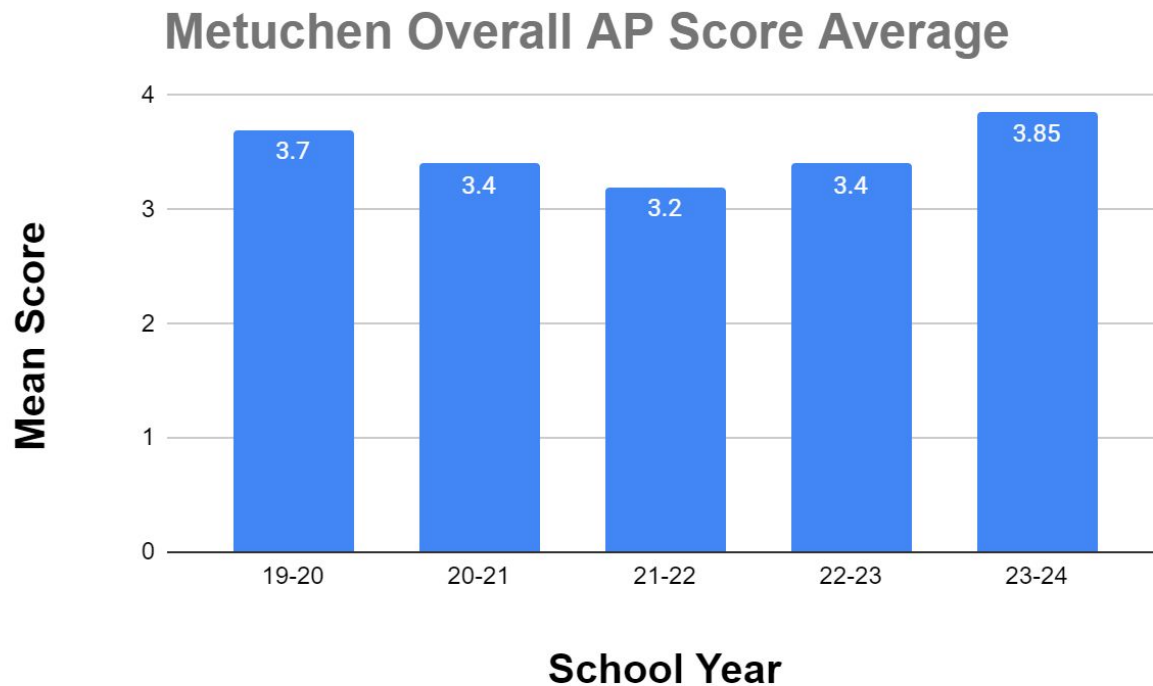
Exam	Percentage
English Language & Composition	94
English Literature & Composition	19
European History	*
US Government and Politics	59
US History	97
Psychology	*
Calculus AB	100
Calculus BC	100
Statistics	75
Biology	100

Exam	Percentage
Chemistry	*
Environmental Science	77
Physics 1	82
Physics 2	67
Spanish Language and Culture	85
2D Art Design	*
Art History	*
Drawing	*
Computer Science A	*
Computer Science Principles	100
Microeconomics	92
Music Theory	*

AP Scores of 3+

	2020	2021	2022	2023	2024
AP Students with a score of 3+	172	134	172	156	176
Percentage of AP Students with a score of 3+	90.53	77.91	78.9	78.39	84.21

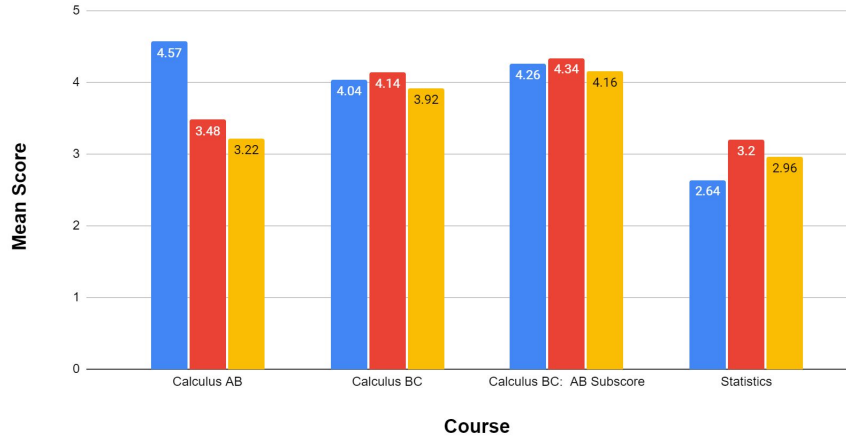
Metuchen Overall AP Score Average



23-24 Mean AP Scores by Subject

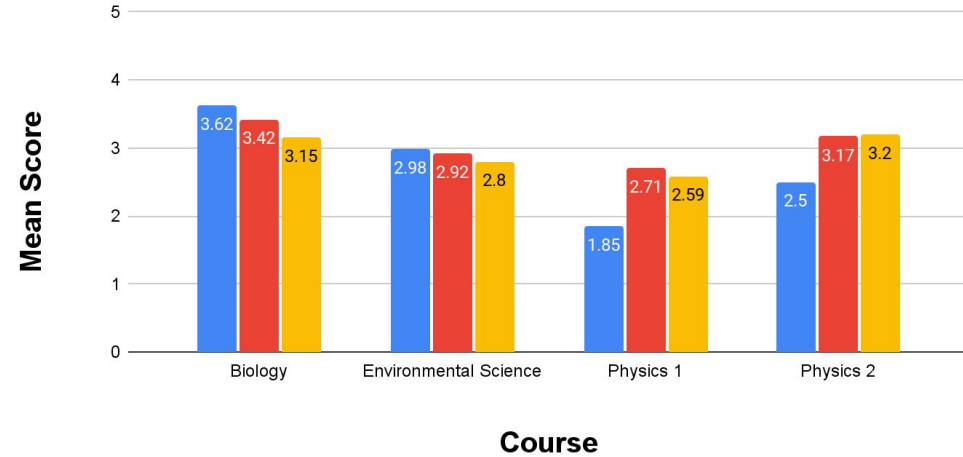
Mathematics

■ MHS ■ NJ ■ Global

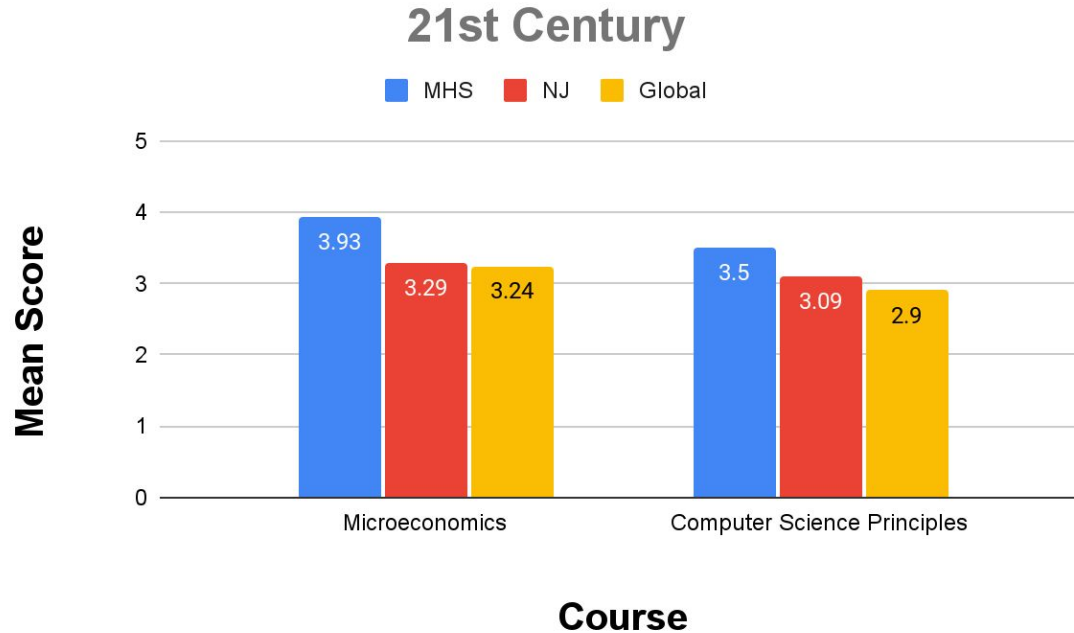


Science

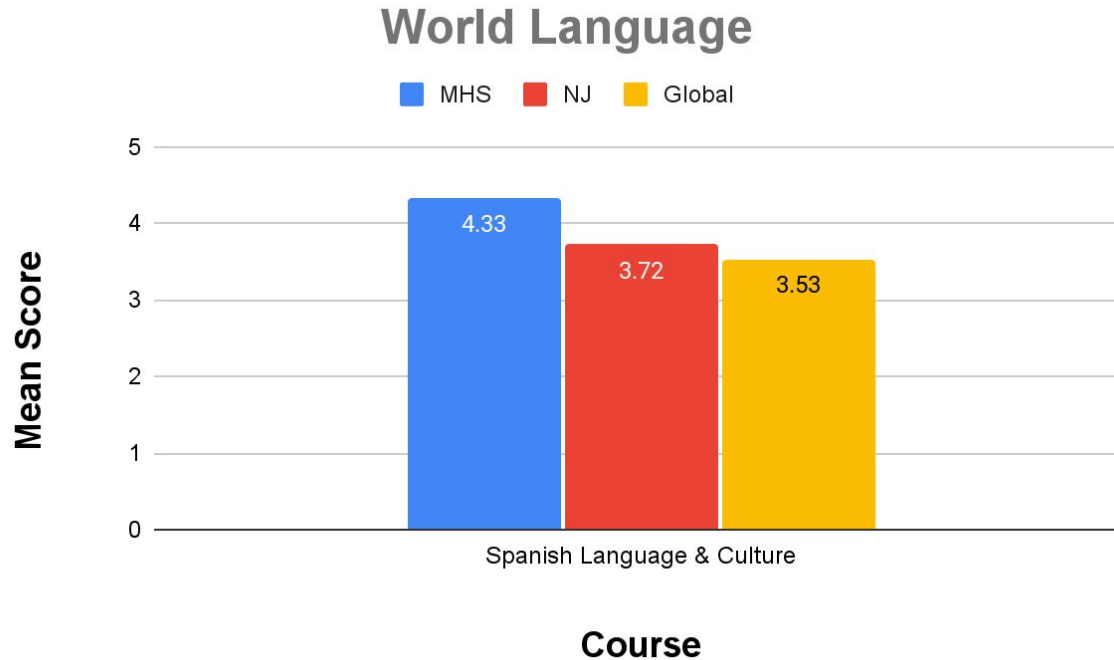
■ MHS ■ NJ ■ Global



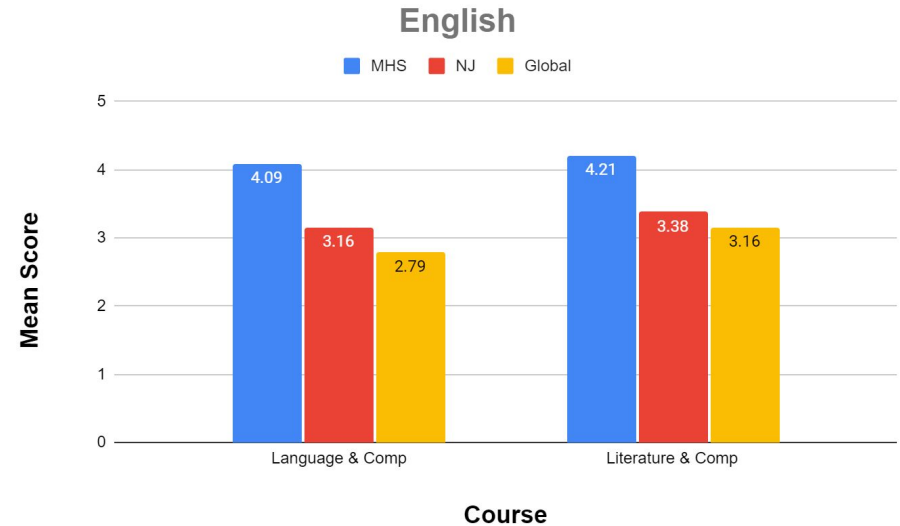
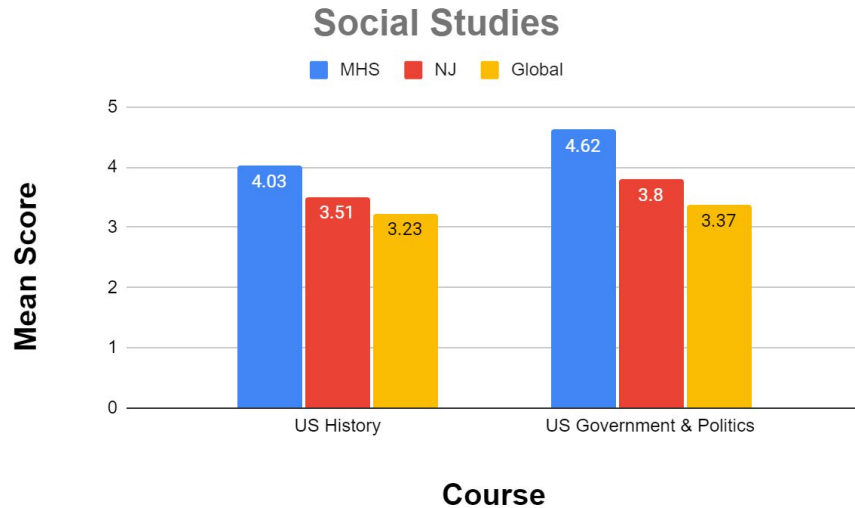
23-24 Mean AP Scores by Subject



23-24 Mean AP Scores by Subject



23-24 Mean AP Scores by Subject



AP Recognition



**AP[®] School
Honor Roll**

2024



**AP[®] School
Honor Roll**

2024



What are SAT College & Career Readiness Benchmarks?

- Math Benchmark- 530
- Evidence-Based Reading and Writing (EBRW) Benchmark: 480

As per the CollegeBoard, students are considered college and career ready when they meet the above Math and EBRW benchmarks. CollegeBoard points out that students who score below the benchmarks can still be successful in college without any further preparation as college readiness falls into a continuum.

Students who meet both Math and EBRW benchmarks have a 75 percent chance of earning at least a C in first-semester, credit-bearing college course, for example: Algebra, Statistics, Precalculus, Calculus, History, Literature, Social Science, or Writing Classes.

CollegeBoard. "[Benchmarks](#)." *SAT Suite of Assessments*, CollegeBoard, 8 Dec. 2016,



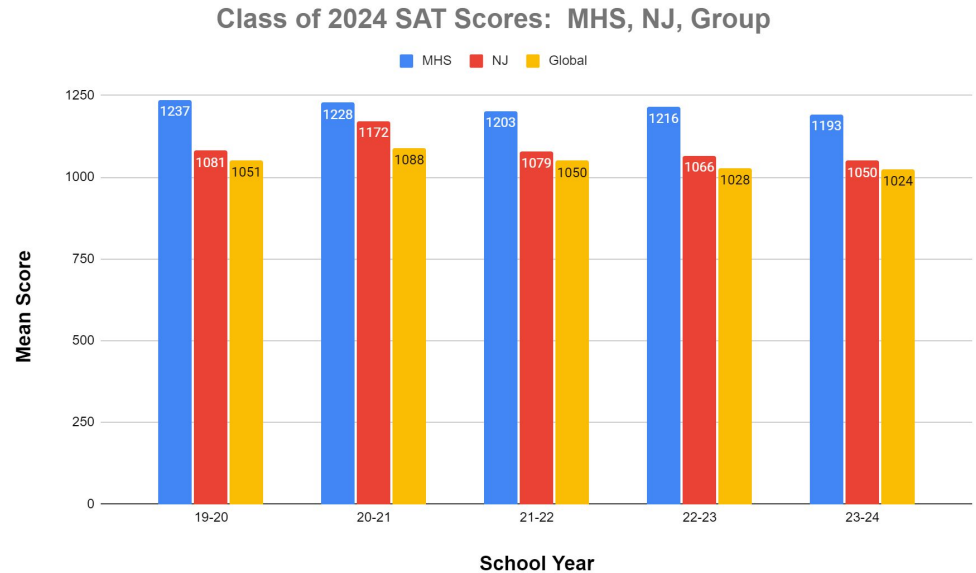
Class of 2024 SAT Scores

Observations:

- **68% of our seniors took the SAT**
- **2024 MHS Total Mean: 1193**
- **2024 NJ Total Mean: 1050**
- **2024 Group (National) Total Mean: 1024**
- **143 Points higher than NJ mean**
- **169 Points higher than the total group**

% Meeting both benchmarks:

MHS: 68%
NJ: 44%
Total: 39%



SAT: Evidence-Based Reading and Writing (ERW) Scores

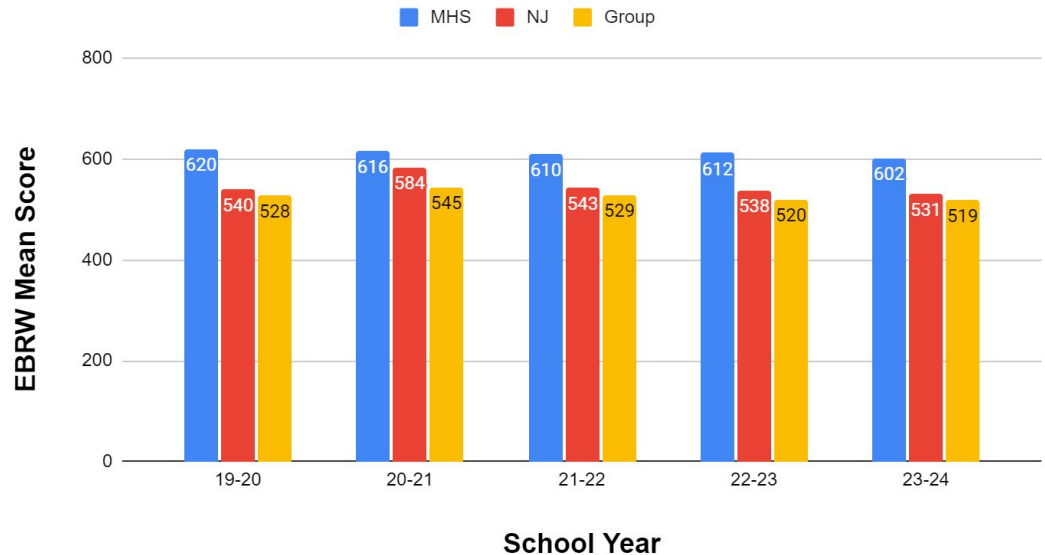
Observations:

- 2024 MHS Mean Score: 602
- 2024 NJ Mean Score: 531
- 2024 Total Group (National) Mean Score: 519
- 71 Points higher than NJ mean
- 83 Points higher than the Total Group

% Meeting benchmark:

MHS: 87%
NJ: 66 %
Group: 62%

Class of 2024 EBRW Mean Score



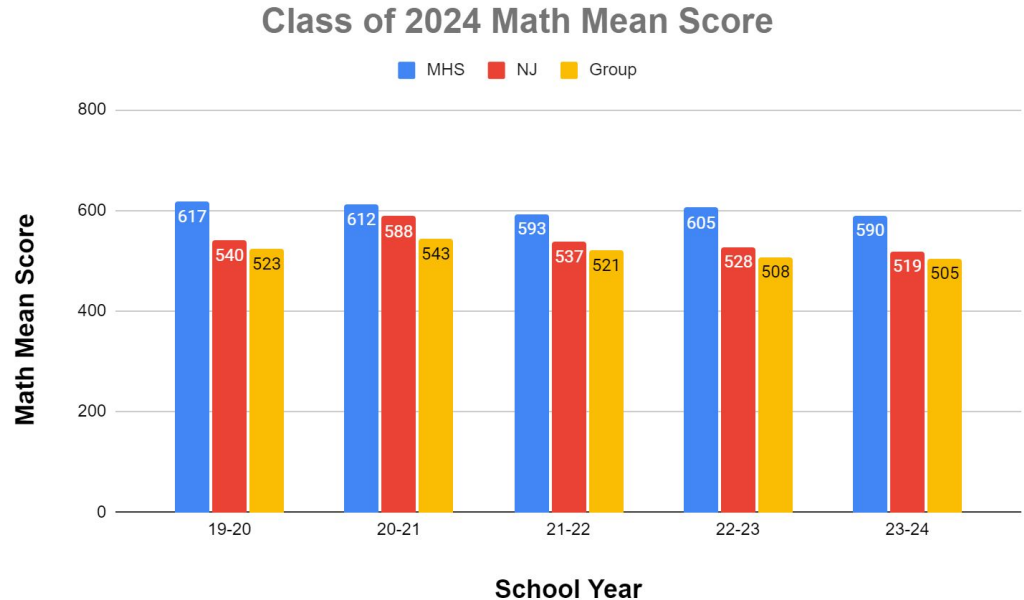
SAT: Math Scores

Observations:

- 2024 MHS Mean Score: 590
- 2024 NJ Mean Score: 519
- 2024 Total Group (National) Mean Score: 505
- 71 Points higher than NJ mean
- 85 Points higher than the total group

% Meeting benchmark:

MHS: 70%
NJ: 46%
Group: 41%



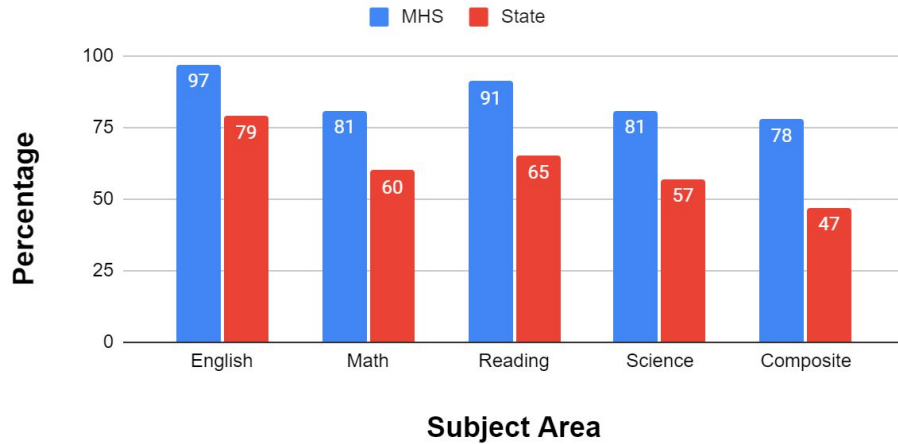
ACT

	MHS Number of Students Tested	State Number of Students Tested	National Number of Students Tested
2020	62	23,412	1,670,497
2021	31	13,361	1,295,349
2022	46	13,228	1,349,644
2023	32	11,884	1,386,335
2024	32	11,604	1,374,791

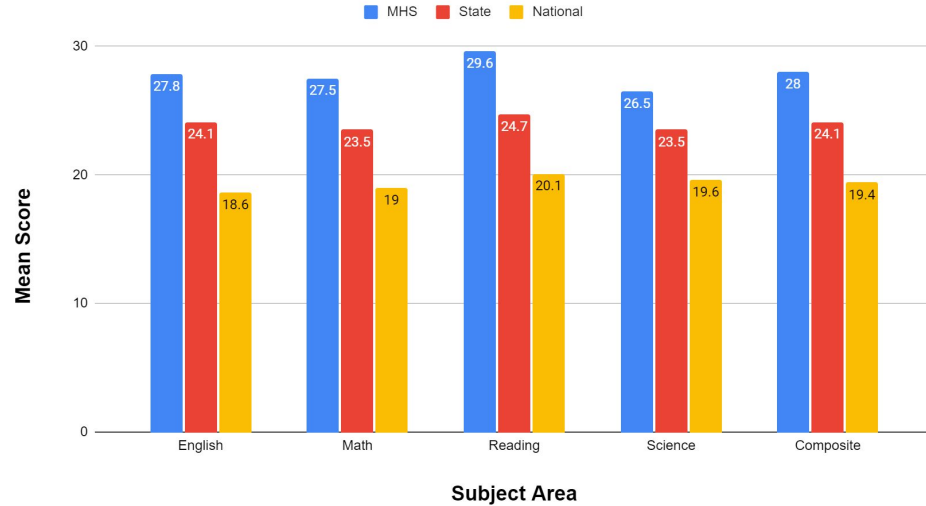
ACT Benchmark and Mean Scores

College Readiness Benchmark Scores—minimum score needed to indicate a 50% chance of obtaining a B or higher or approximately a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses

2024 Percent of Students Who Met Readiness Benchmarks

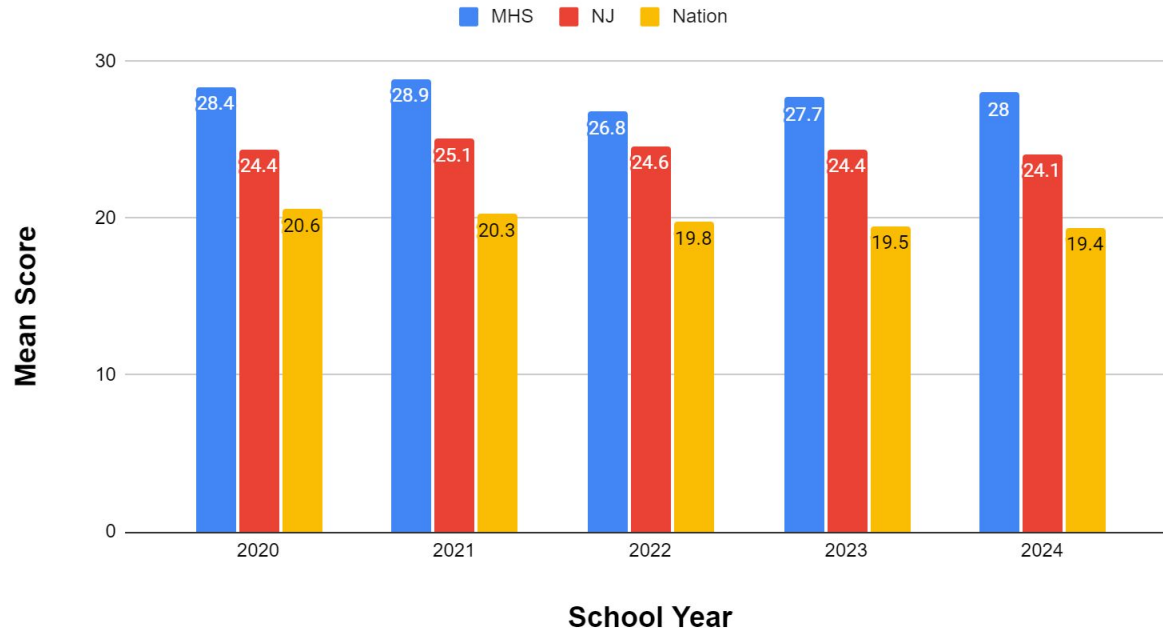


2024 MHS, State, & National Mean Scores



ACT 5 Year Trend

ACT Composite Scores 5 Year Trend



Recommendations

AP	SAT & ACT
<ul style="list-style-type: none">• Continued AP Summer Institute Training for new teachers.• Recommend AP Summer Institute Training for teachers whose courses have been updated.• Examination of instructional materials for identified courses.• Recommend further use of AP Classroom resources.• Provide students with additional practice, based on the formatting of questions posed on the specific AP assessment.• Continue to refine curriculum to meet the needs of students while maintaining alignment with AP standards.	<ul style="list-style-type: none">• Continue to learn about the changes made to the SAT and the ACT now that both assessments are now fully digital.• Examine released test items to inform instructional practices.• Simulate tasks within courses, when possible.• Remind students of resources through Varsity Tutors to aid in reviewing for these assessments.

Thank you