AP / SAT / ACT 2016 2017

<u>Presented by:</u>
Suzy Azevedo
Rick Cohen
Christine DeSimone
Susan La Fauci

Tuesday, September 26, 2017

Overview: Tests Analyzed

AP

SAT

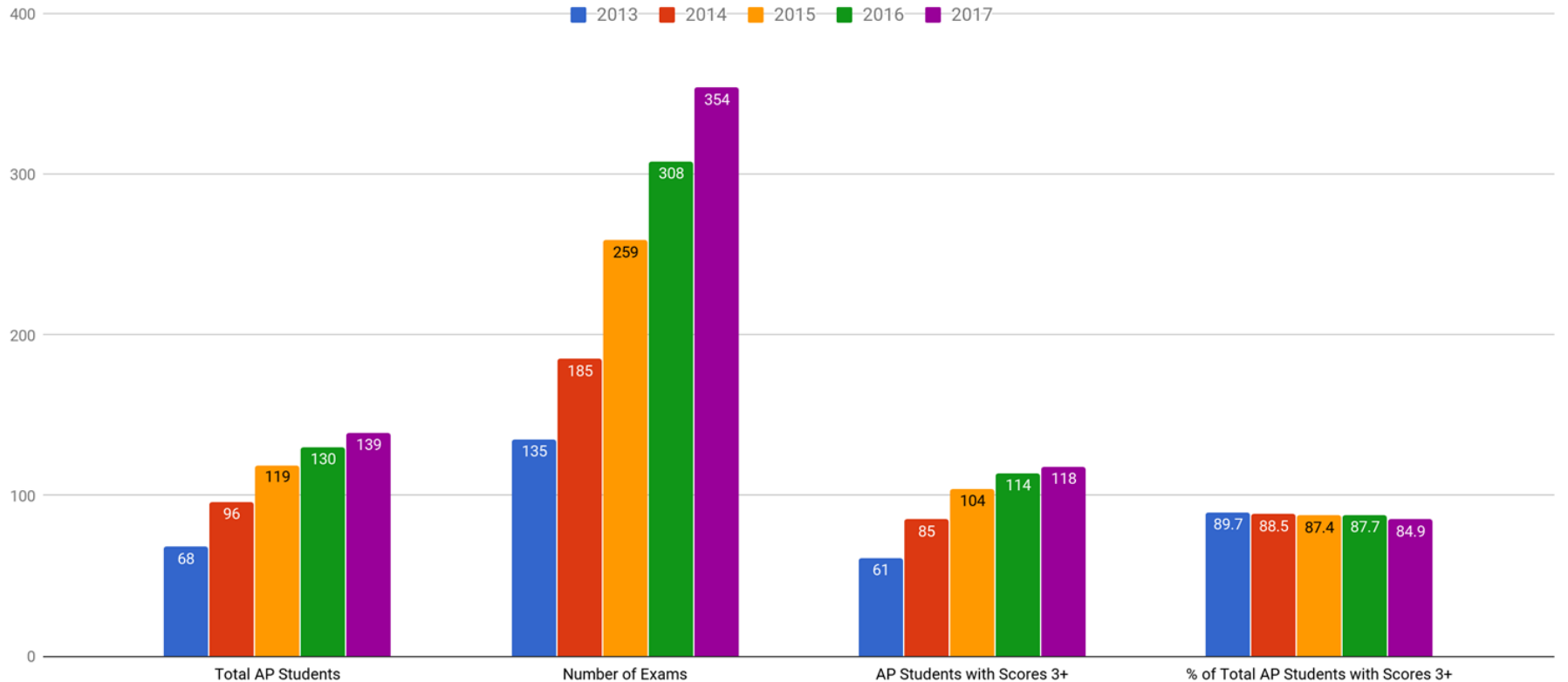ACT

- **AP** = Advanced Placement
  - Grades 10, 11 and 12
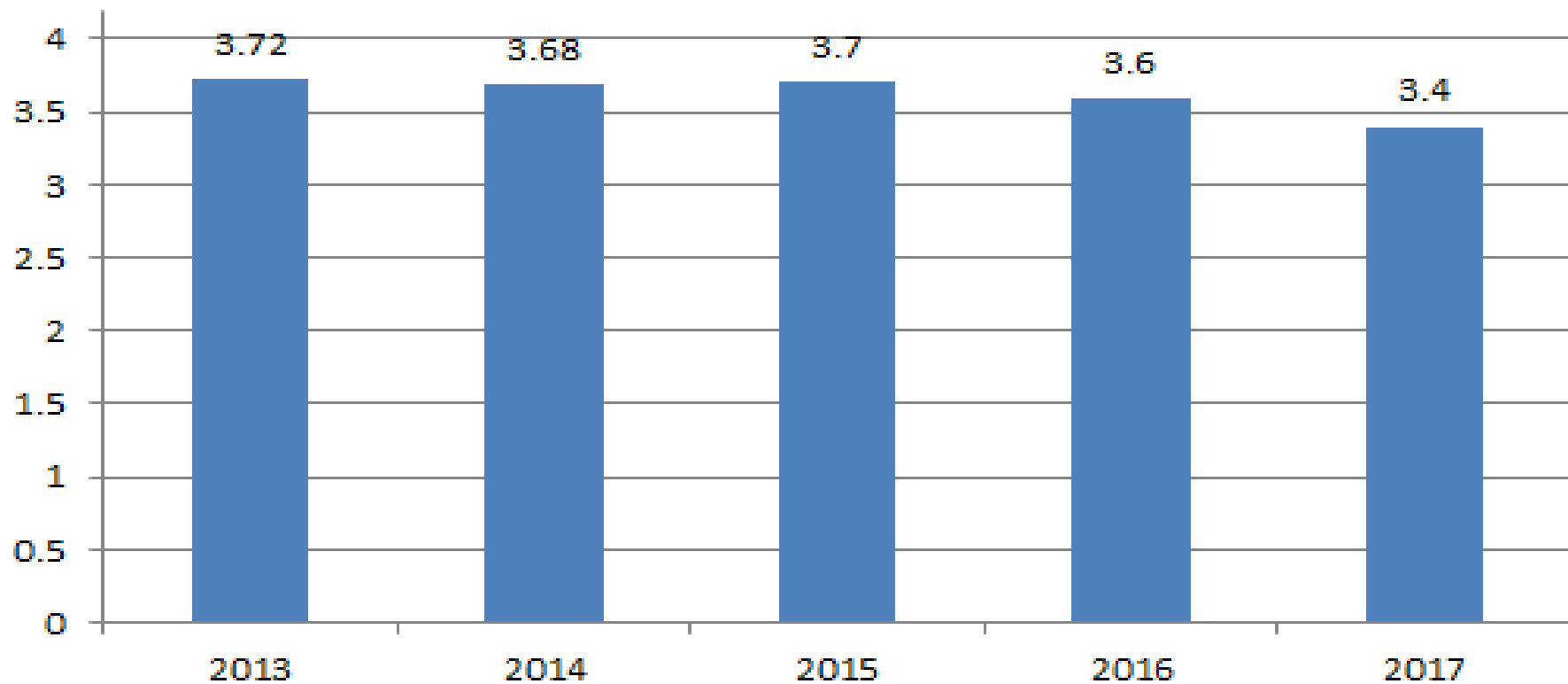
- **SAT** = Scholastic Aptitude Test
  - Grades 11 and 12

- **ACT** = American College Testing
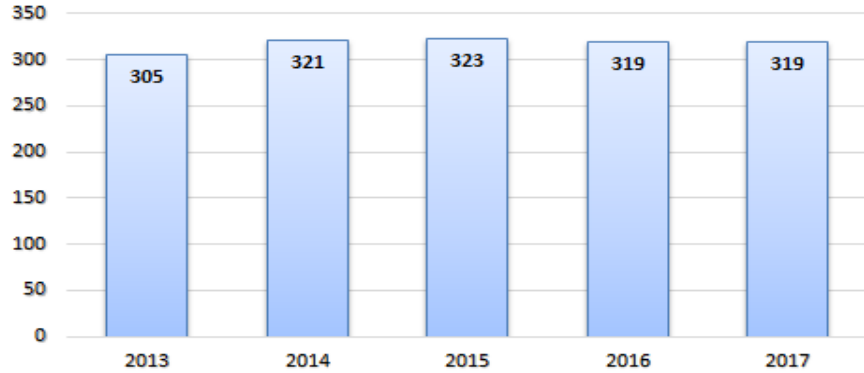 - Grades 11 and 12

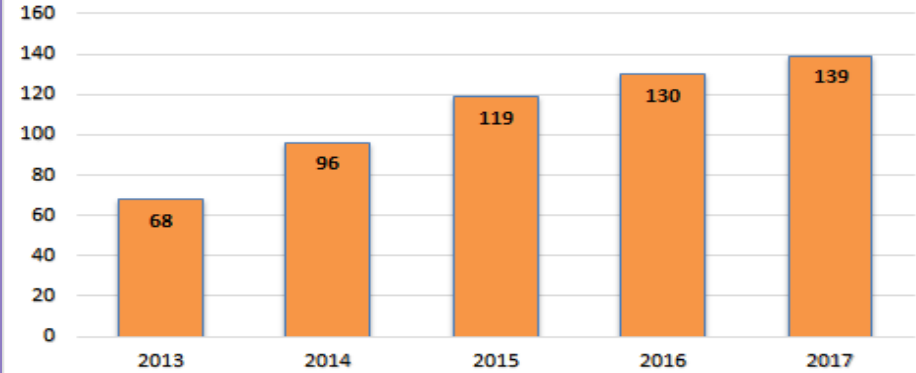# METUCHEN AP DATA - 5 YEARS

Metuchen Overall AP Score Average

College Readiness Exam Participation

# of 11th and 12th Grade Students

2013	2014	2015	2016	2017
305	321	323	319	319

# of AP Test Takers

2013	2014	2015	2016	2017
68	96	119	130	139

# of SAT Test Takers

2013	2014	2015	2016	2017
136	139	128	147	125

# of ACT Test Takers

2013	2014	2015	2016	2017
75	56	76	99	70
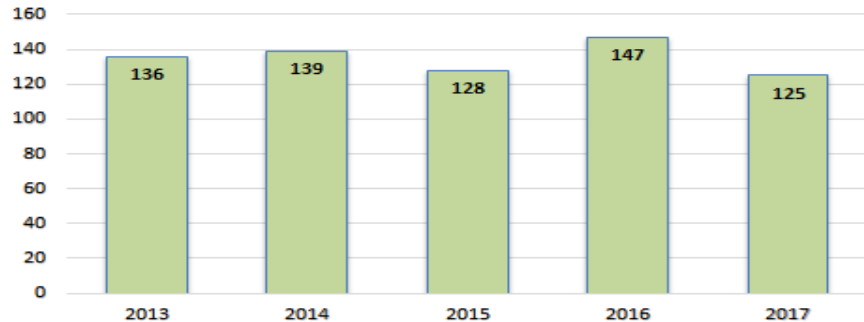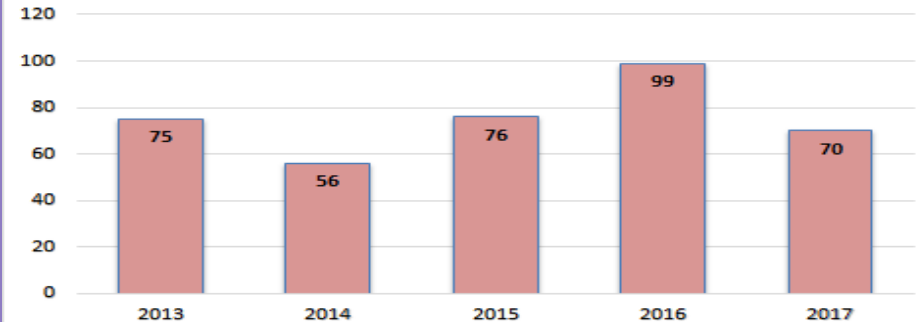
Concentrated effort over the past three years to increase interest in AP courses and exams

More students taking AP classes and AP exams. In some cases, big increases:

- English Language & Comp: from 40 to 56

- Biology: from 11 to 36

- US History: from 42 to 58

New courses/exams this year:

- Art History: 9

- Physics 2: 8

AP Readers:

- Karin Flores – AP Spanish Lit & Culture reader in Louisville

- Derek Khoudja and Bill Schlavis – AP History readers.

AP Data

	2014	2015	2016	2017
AP Offerings	13	17	17	18
Total Enrollment	264	384	465	519
# Students taking the exams	96	119	130	139
# of Exams taken	185	259	308	354

AP Scores

	2014	2015	2016	2017
% of Metuchen Students with 3+ score	88.5	87.4	87.7	84.9
% of NJ Students with 3+ score	74.2	72.8	71.9	70.8
% of Global Students with 3+ score	61.3	60.7	60.3	60.3

Subject by Subject

AP Exam	Total Exams	Mean Score
Art History	9 ↑	3.667
Biology	36 ↑	3.167
Calculus AB	14	2.714
Calculus BC	13	3.692
Chemistry	11	2.727
Computer Science A	5 ↑	4.400
English Language & Comp	56 ↑	3.696 ↑
English Literature & Comp	20 ↑	3.850 ↑
Environmental Science	27 ↑	2.963 ↑
European History	16 ↑	3.438
French Language & Culture	1	-------
Human Geography	3 ↑	3.438

AP Exam	Total Exams	Mean Score
Macroeconomics	2	3.000 ↑
Physics 1	21	2.905 ↑
Physics 2	8 ↑	3.500 ↑
Physics C: Mechanics	2	5.000 ↑
Spanish Language & Culture	5	4.000
Spanish Literature & Culture	2	4.500 ↑
Statistics	30	2.867
Studio Art: 2D Design	1	-------
Studio Art: Drawing Portfolio	3 ↑	3.333
U.S. Government & Politics	11 ↑	3.636 ↑
U.S. History	58 ↑	3.431

SAT: What's Different About 2017 Scores

Students in the Class of 2017 took both the Old SAT and the Redesigned SAT.

Old SAT scores were concorded to the Redesigned SAT score scale.

Old Scores	New Scores
Total 2400 (CR+W+M): 600-2400	Total Score (EBRW+M): 400-1600
Total 1600 (CR+M): 400-1600	Total Score (EBRW+M): 400-1600
Writing plus Critical Reading Sections (W+CR): 400-1600	Evidence-Based Reading and Writing Section (ERW): 200-800
Math Section (M): 200-800	Math Section (M): 200-800

What are SAT College & Career Readiness Benchmarks?

Students are considered college- and career-ready when their SAT section scores meet both the Math and the Evidence-Based Reading and Writing benchmarks. It is important to note that college readiness is a continuum — students scoring below the SAT benchmarks can still be successful in college, especially with additional preparation and perseverance.

Students with an SAT Math section score that meets or exceeds the benchmark have a 75 percent chance of earning at least a C in first-semester, credit-bearing college courses in algebra, statistics, pre-calculus, or calculus.

Students with an SAT Evidence-Based Reading and Writing (ERW) section score that meets or exceeds the benchmark have a 75 percent chance of earning at least a C in first-semester, credit-bearing college courses in history, literature, social sciences, or writing classes.

CollegeBoard. "Benchmarks." *SAT Suite of Assessments*, CollegeBoard, 8 Dec. 2016, collegereadiness.collegeboard.org/about/scores/benchmarks.

Copy & paste citation

Class of 2017 SAT Scores

Observations:

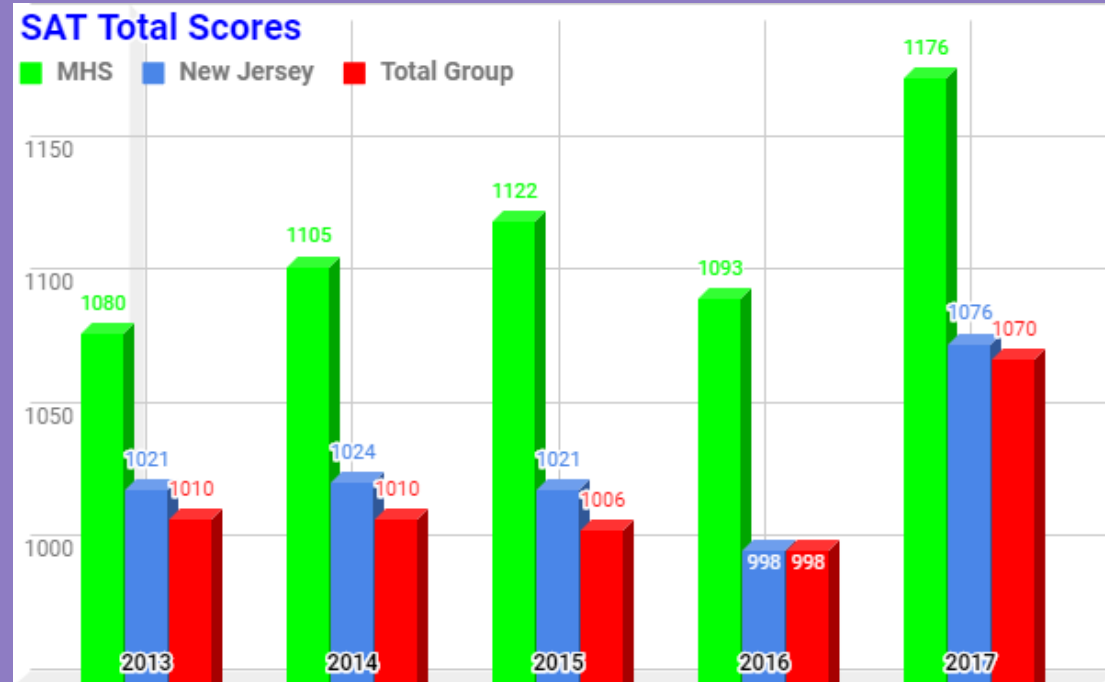82% of our seniors took the SAT

2017 Mean Score: 1176

100 Points higher than NJ mean

106 points higher than the total group

70% met both benchmarks compared

to 50% of NJ and 48% of Total Group

who met the benchmark.

SAT Total Scores

Legend: ■ MHS ■ New Jersey ■ Total Group

Year	MHS	New Jersey	Total Group
2013	1080	1021	1010
2014	1105	1024	1010
2015	1122	1021	1006
2016	1093	998	998
2017	1176	1076	1070

SAT- Critical Reading/ EBRW
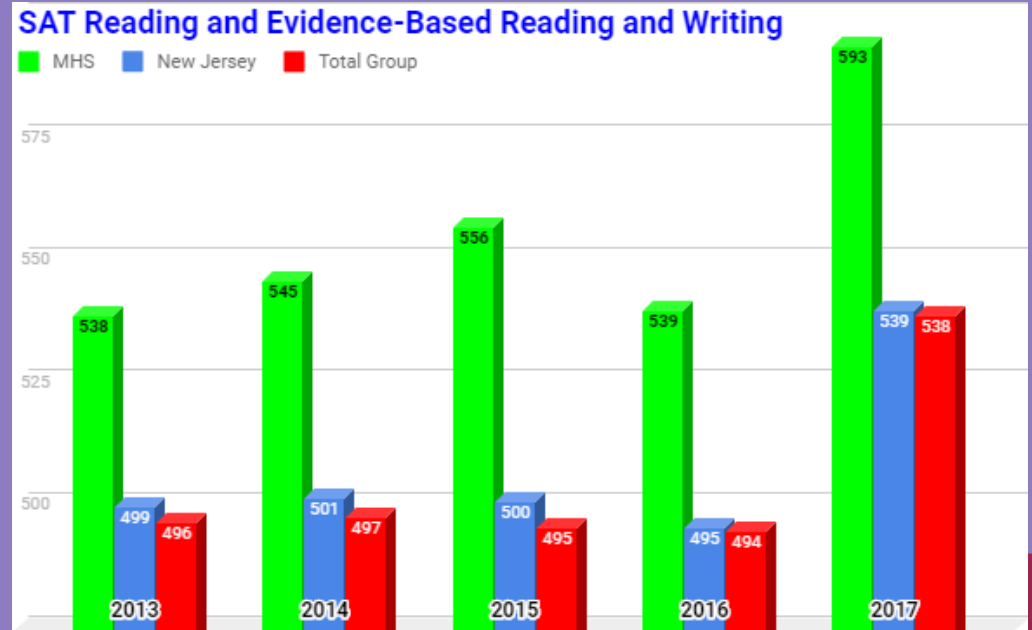
Observations:

2017 Mean Score: 593

54 Points higher than NJ mean

55 points higher than the Total Group

84% met EBRW benchmark of 480

compared to 71% of NJ and 71% of the

Total Group who met the benchmark.

SAT Reading and Evidence-Based Reading and Writing

Legend: MHS (green), New Jersey (blue), Total Group (red)

Year	MHS	New Jersey	Total Group
2013	538	499	496
2014	545	501	497
2015	556	500	495
2016	539	495	494
2017	593	539	538

SAT Math Scores
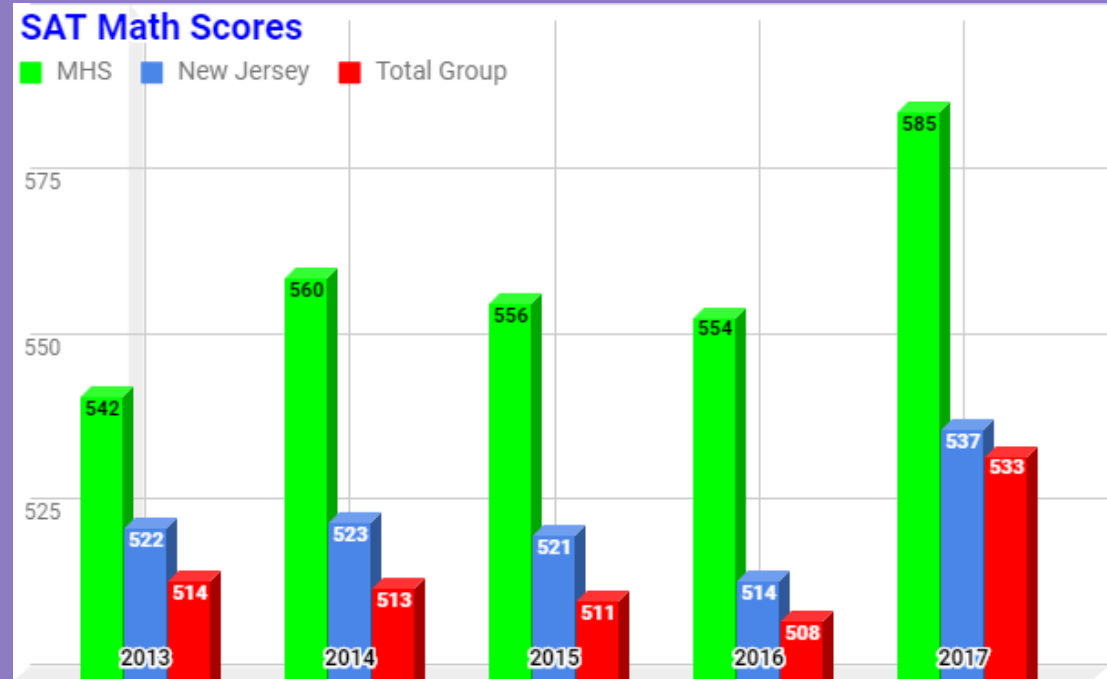
Observations:

2017 Mean Score: 585

48 Points higher than NJ mean

52 points higher than the total group

70% met Math benchmark of 530

compared to 51% of NJ and 50% of the

Total Group who met the benchmark.

SAT Math Scores
■ MHS ■ New Jersey ■ Total Group

|	2013	2014	2015	2016	2017
MHS	542	560	556	554	585
New Jersey	522	523	521	514	537
Total Group	514	513	511	508	533

ACT

Trends have shown a steady, increased interest in taking the ACT. This is the first year in the past five years that does not follow this trend.

Number of Students Tested	MHS	State	National
2013	75	24,202	1,799,243
2014	56	26,182	1,845,787
2015	76	30,263	1,924,436
2016	99	33,646	2,090,342
2017	**70**	**35,257**	**2, 030,038**

ACT Benchmark and Composite 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
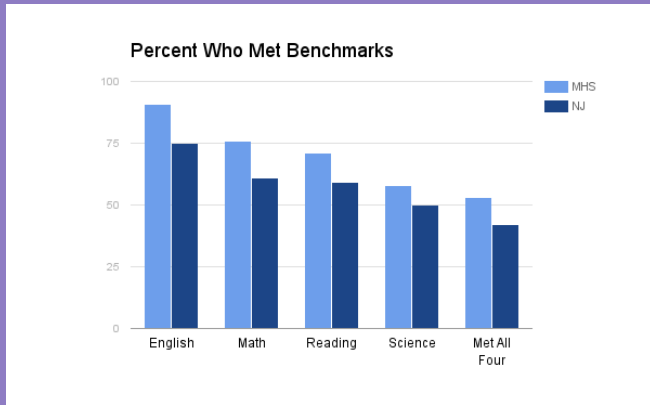
- MHS students consistently out-score students statewide in all content areas in regards to college readiness benchmarks
  - English-81%
  - Math-71%
  - Reading-70%
  - Science-57%
  - Met All Four-53%
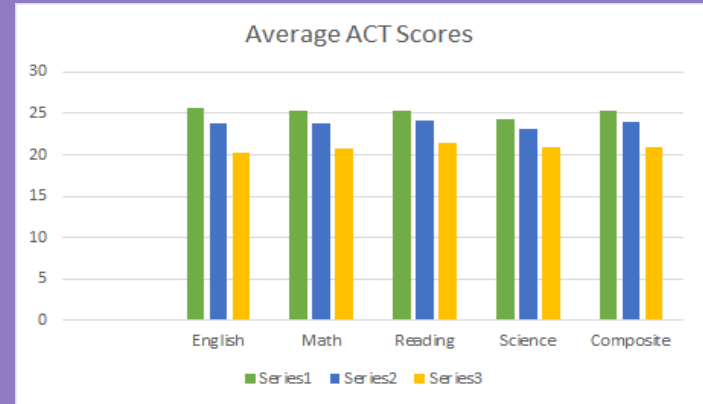
- MHS reports in 3 out of 4 content areas an increase in average scores from the previous year
  - English   24.7 →25.7
  - Math   24.9 →25.3
  - Reading 25.4 →25.4
  - Science 23.7 →24.3
  - Average 24.8 →25.3

MHS ACT scores are consistently higher than the state and national scores.