



Holmdel Public Schools

ASSESSMENT RESULTS

2022 - 2023



TODAY'S OBJECTIVES



By the end of presentation, the community will have:

- An understanding of district performance on Advanced Placement Exams, the NJSLA, WIDA ACCESS for ELs, and Dynamic Learning Maps
- An inventory of practices the district has pursued/is pursuing in reference to data results.





Holmdel Public Schools

♥ NJSLA RESULTS

2022 - 2023



NJSLA - PERFORMANCE LEVELS



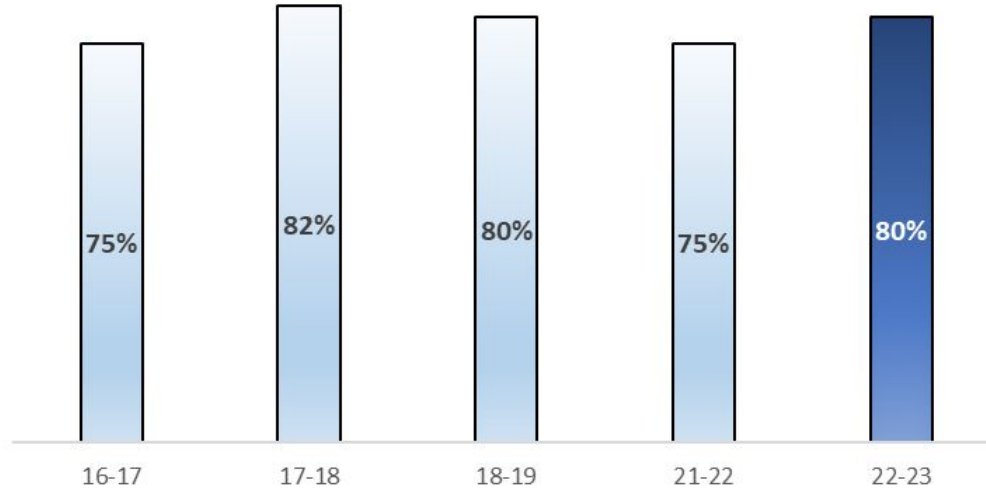
- In May 2023 students took the New Jersey Student Learning Assessments.
 - The NJSLA for English Language Arts and Literacy is administered to all students in grades 3 – 9.
 - The NJSLA for Mathematics is administered to all students in grades 3 – 8 and End of Course Assessments in Algebra I, Geometry, and Algebra II.
 - The NJSLA for Science is administered to all students in grades 5, 8, and 11.
- **Level 1:** Not yet meeting grade-level expectations
 - **Level 2:** Partially meeting grade-level expectations
 - **Level 3:** Approaching grade-level expectations
 - **Level 4:** Meeting grade-level expectations
Cut Score: 750
 - **Level 5:** Exceeding grade-level expectations



ENGLISH LANGUAGE ARTS

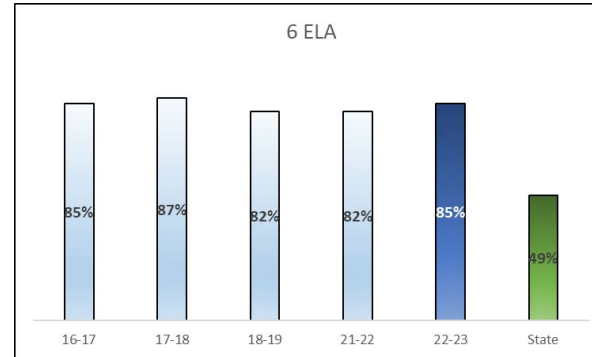
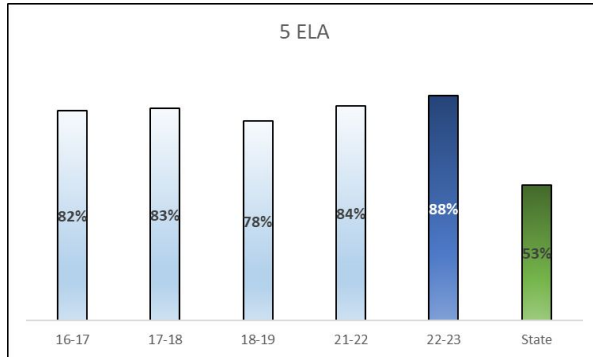
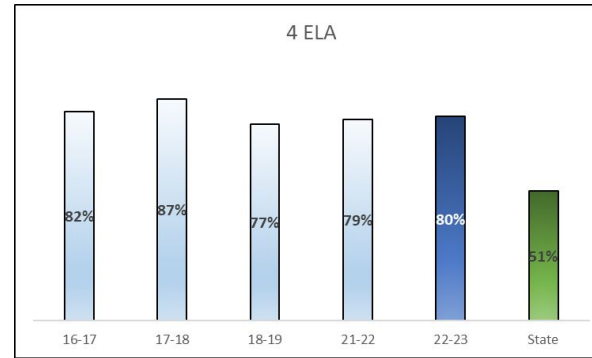
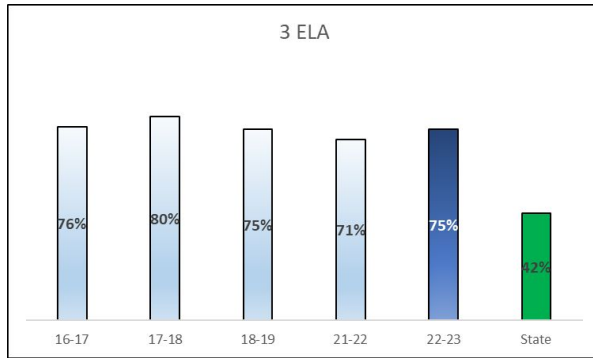
THE OFFICE OF CURRICULUM AND INSTRUCTION

HISTORICAL DISTRICT PROFICIENCY - ELA



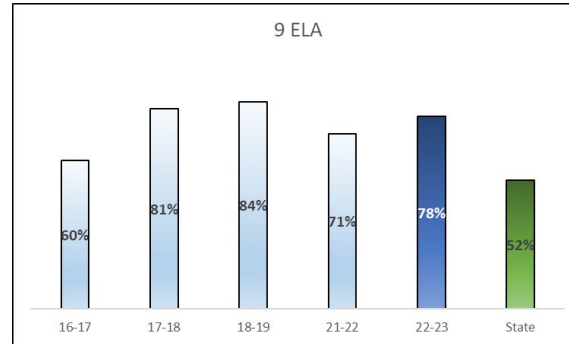
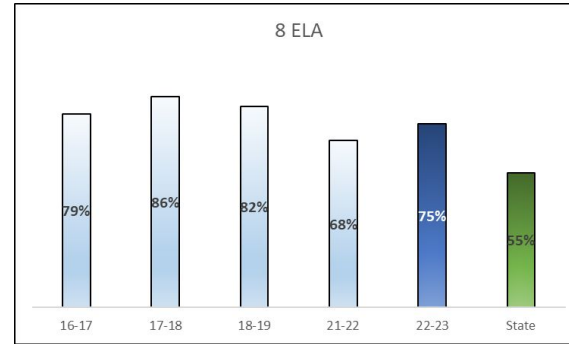
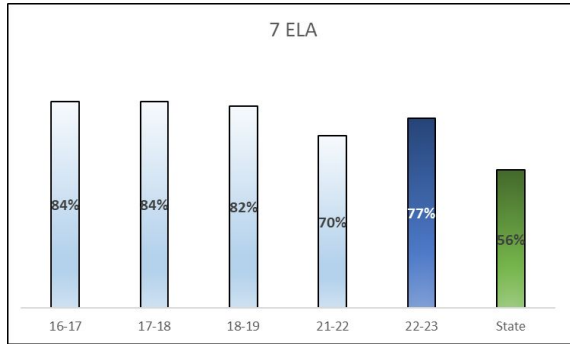
THE OFFICE OF CURRICULUM AND INSTRUCTION

HISTORICAL GRADE LEVEL PROFICIENCY: ELA



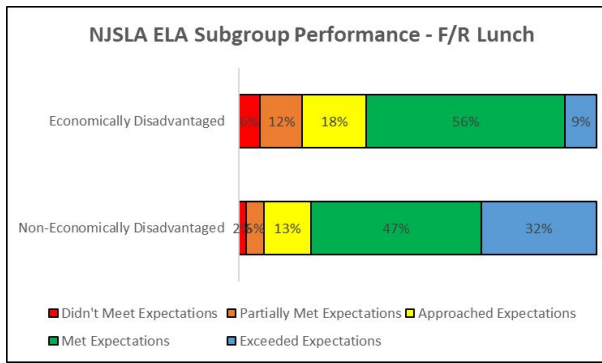
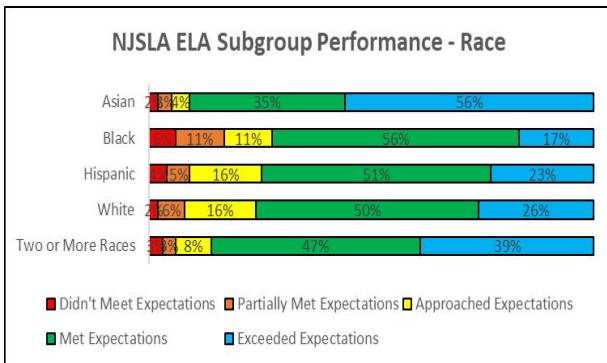
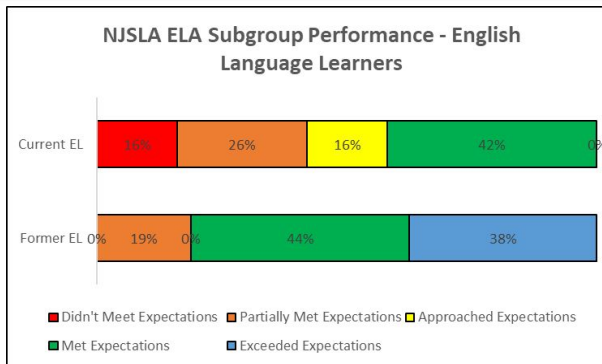
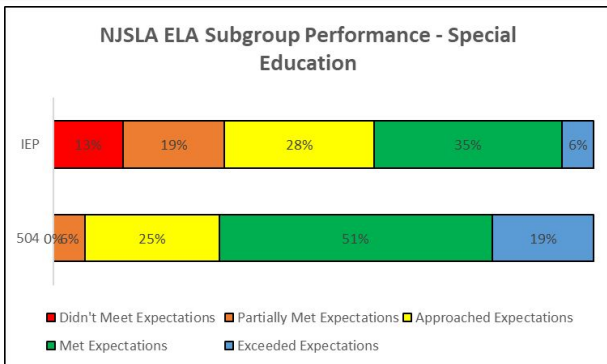
THE OFFICE OF CURRICULUM AND INSTRUCTION

HISTORICAL GRADE LEVEL PROFICIENCY: ELA



THE OFFICE OF CURRICULUM AND INSTRUCTION

NJSLA-ELA SUBGROUP PERFORMANCE



ELA - SO WHAT? NOW WHAT?



ASSESSMENT	21-22	22-23	CHANGE
ELA 3	71%	75%	+4%
ELA 4	79%	80%	+1%
ELA 5	84%	88%	+4%
ELA 6	82%	85%	+3%
ELA 7	70%	77%	+7%
ELA 8	68%	75%	+7%
ELA 9	71%	78%	+6%

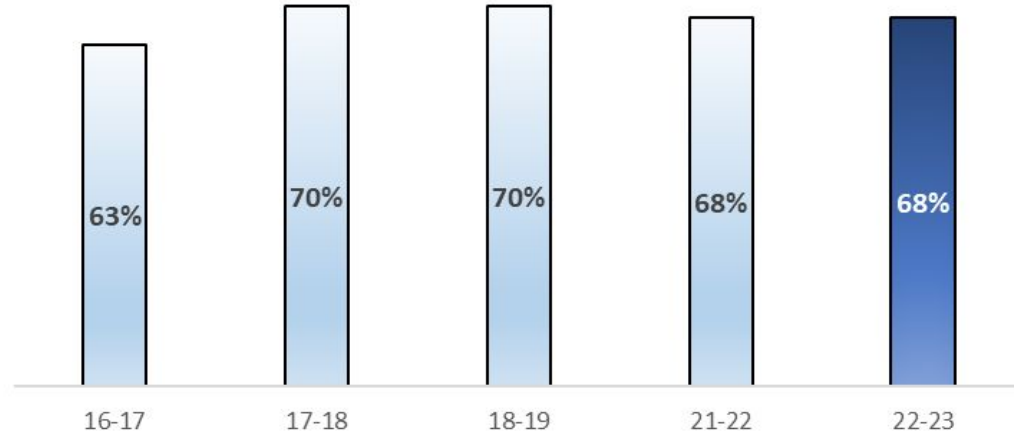
- DIBELS - Universal Screening
- New K-2 Decodable Readers
- Foundations Implementation Grade 2
 - Completion of K-2 rollout
- Rutgers Literacy Consulting Partnership
- Into Reading Implementation Gr 3-5
- K-5 Instructional Literacy Coach
- MTSS Tier 1 Initiative
- New Writing Course: Voice to Pen (Satz)
- StudySync Implementation Grade 6
- High Impact Tutoring Gr 3-4



MATH

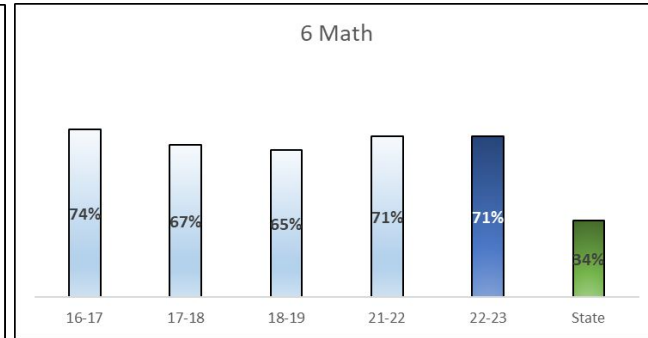
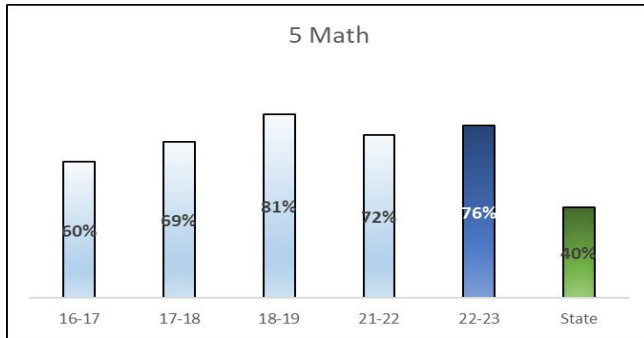
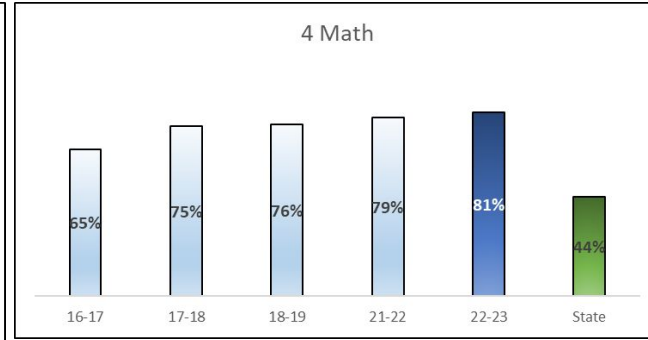
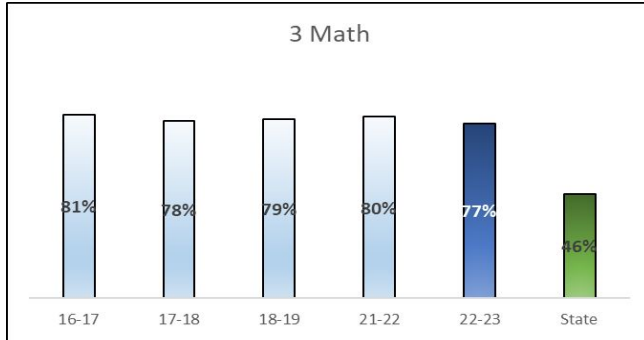
THE OFFICE OF CURRICULUM AND INSTRUCTION

HISTORICAL DISTRICT PROFICIENCY - MATH



THE OFFICE OF CURRICULUM AND INSTRUCTION

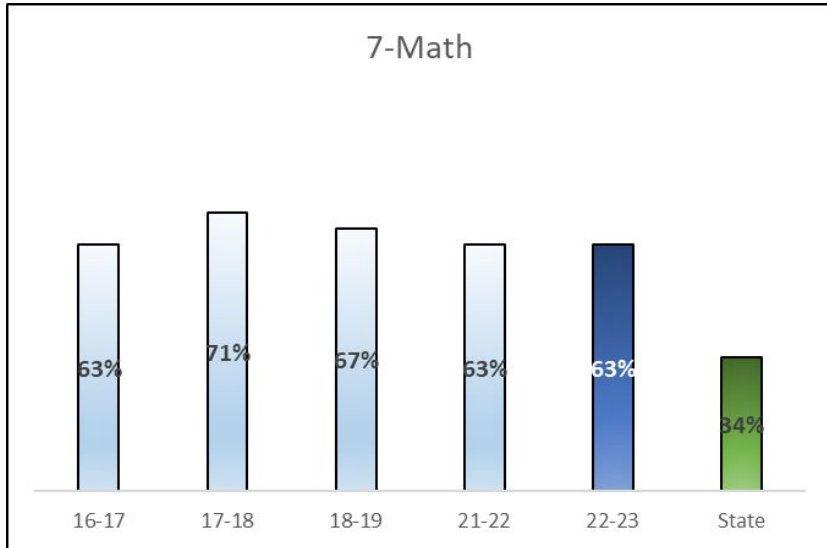
HISTORICAL GRADE LEVEL PROFICIENCY: MATH



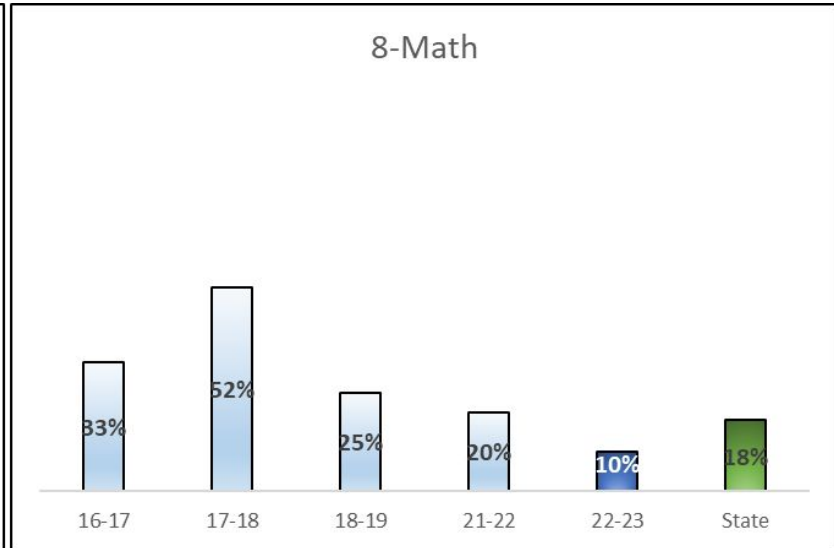
HISTORICAL GRADE LEVEL PROFICIENCY: MATH



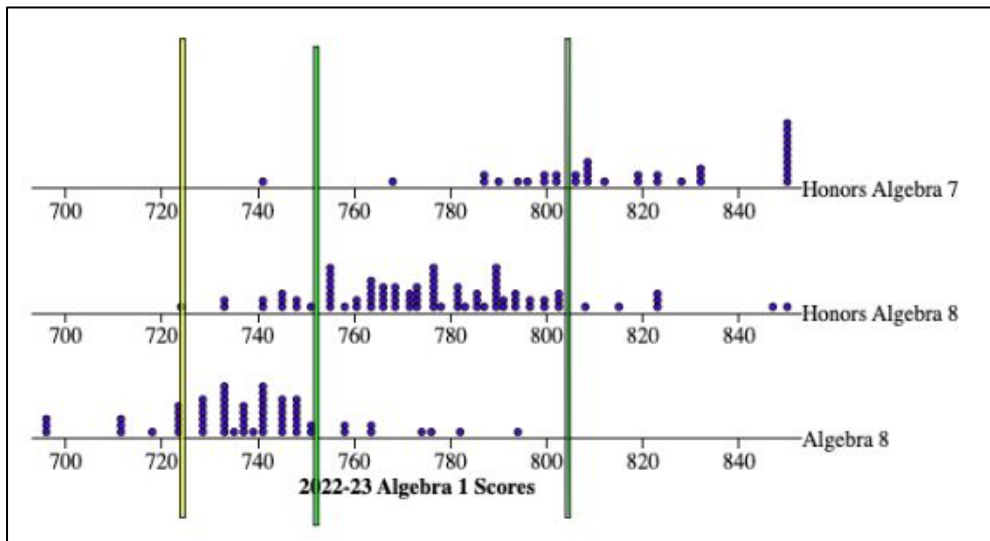
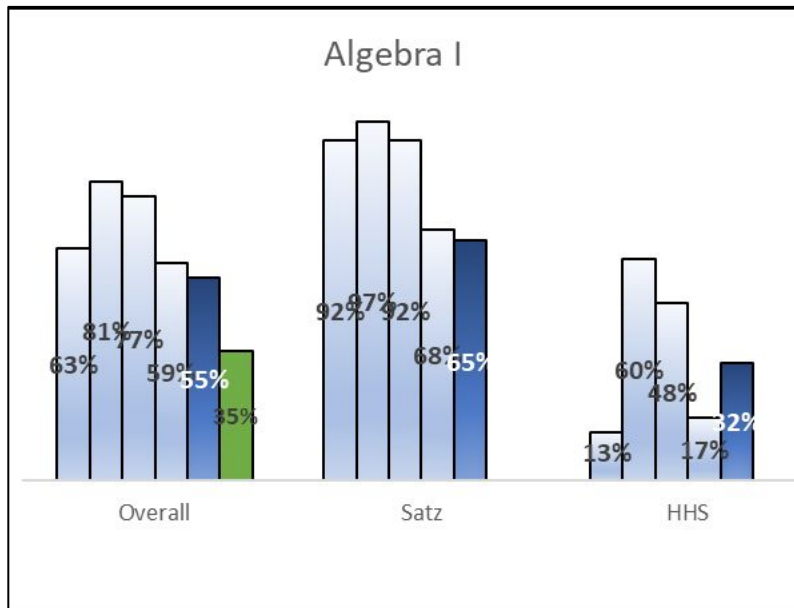
7-Math



8-Math

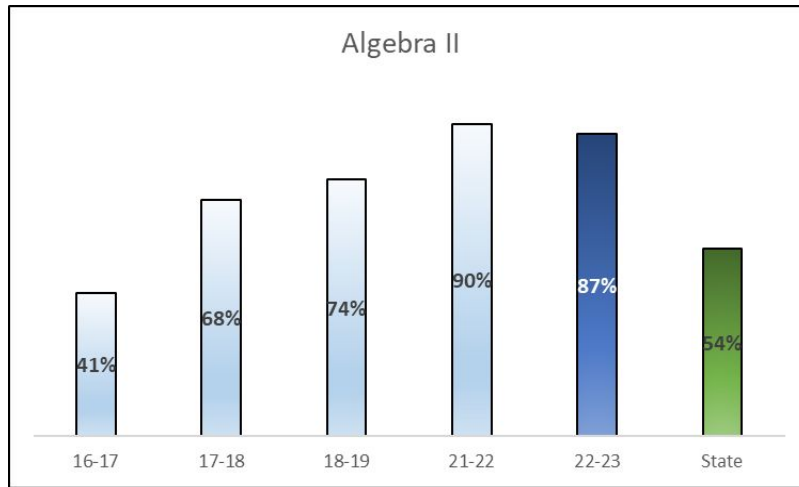
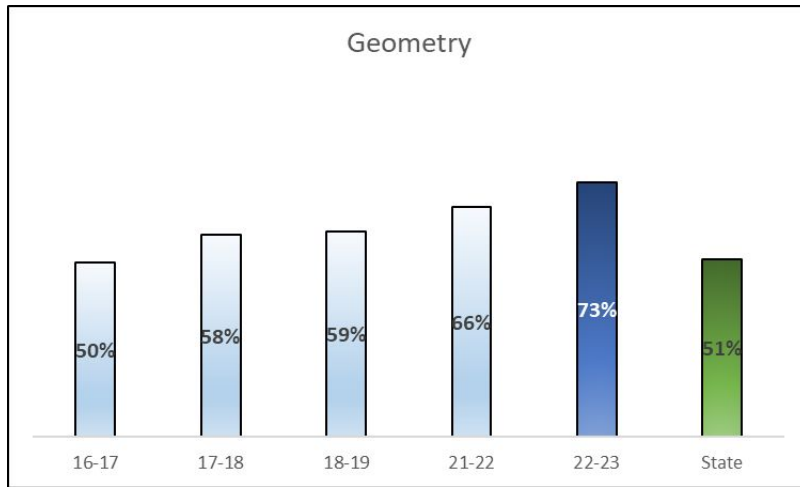


HISTORICAL PROFICIENCY - MATH

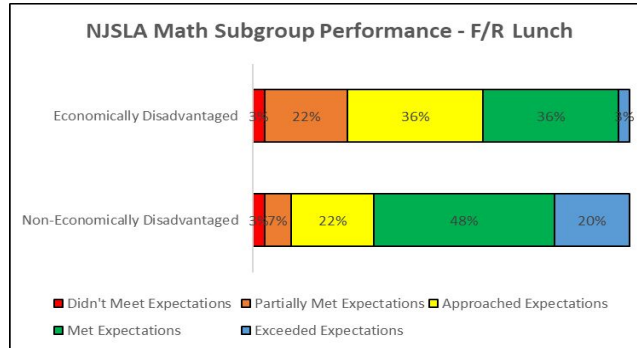
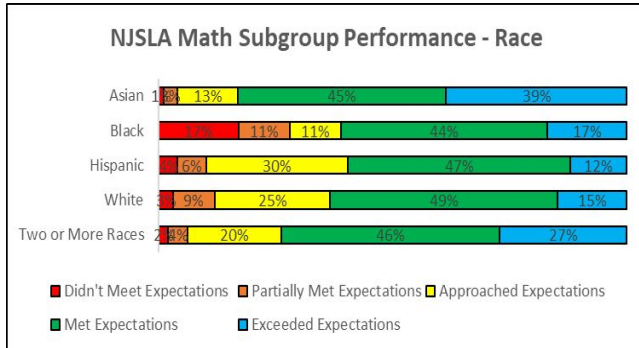
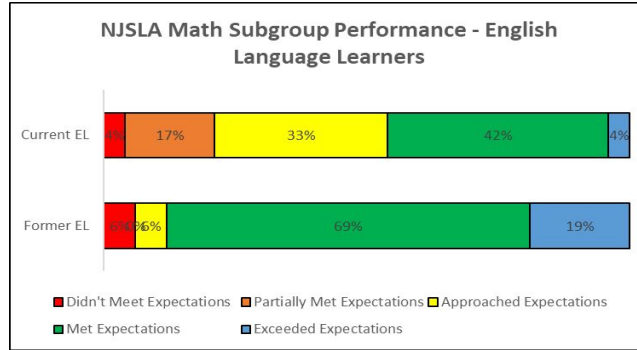
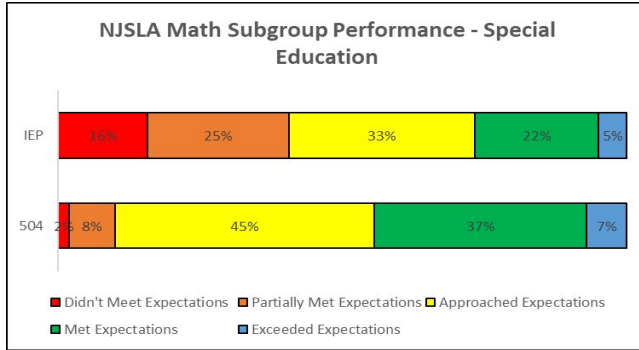


Group Name	n	mean	SD	min	Q ₁	med	Q ₃	max
1: Honors Algebra 7	36	817.556	26.753	741	801	815.5	850	850
2: Honors Algebra 8	84	776.44	23.592	724	762	776	790	850
3: Algebra 8	63	738.254	18.308	696	729	737	748	794

HISTORICAL GRADE LEVEL PROFICIENCY: MATH



SUBGROUP PERFORMANCE: SWD (MATH)



MATH - SO WHAT? NOW WHAT?



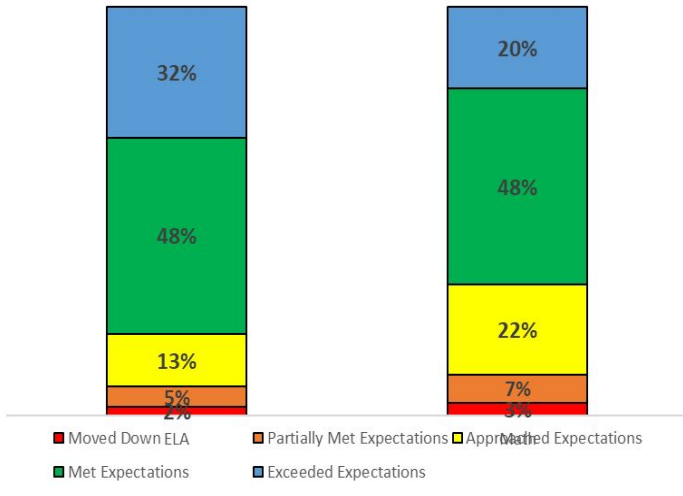
ASSESSMENT	21-22	22-23	CHANGE
Math 3	80%	77%	-3%
Math 4	79%	81%	+2%
Math 5	72%	76%	+4%
Math 6	71%	71%	No change
Math 7	63%	63%	No change
Math 8	20%	10%	-10%
Algebra I	59%	55%	-4%
Geometry	66%	73%	+7%
Algebra II	90%	87%	-3%

- Into Math - Grades 4-6
- Grades 4-6 Skill Mastery Sheet at least once per MP with assessments
- Math Lab 7
- Supervisor exclusively focused on math
- Increased focus on standards aligned common assessments throughout math department
- Purchase Delta Math Integral for Skills practice with instant feedback and resources
- High Impact Tutoring Gr. 3-4

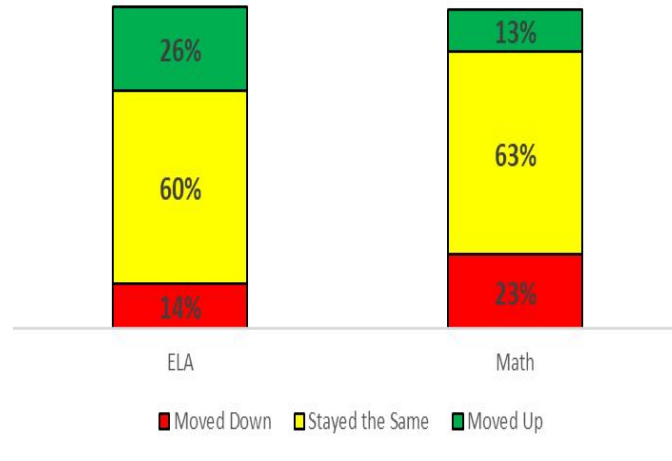
SUMMARY DATA



Score Distributions Across All Tests



Achievement Mobility





SCIENCE

THE OFFICE OF CURRICULUM AND INSTRUCTION

NJSLA SCIENCE

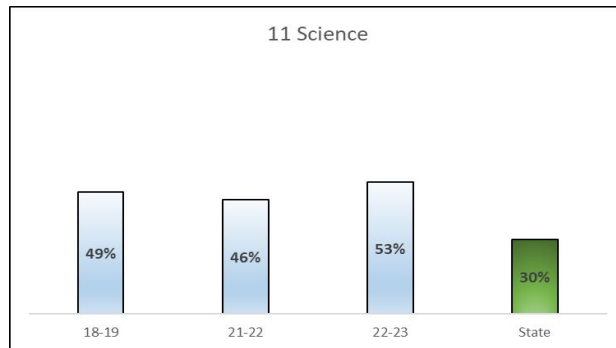
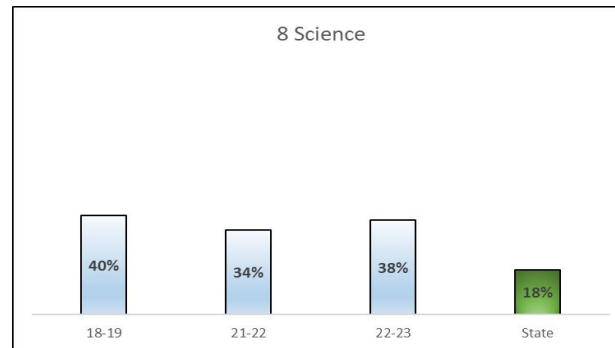
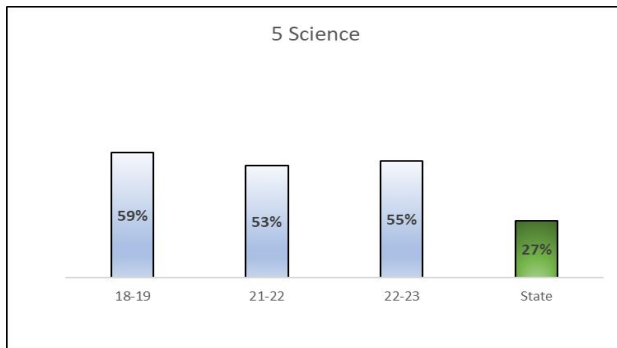


- The New Jersey Student Learning Assessment for Science (NJSLA-S) replaces the New Jersey Assessment of Skills and Knowledge (NJ ASK).
- This new assessment measures student proficiency in science according to the New Jersey Student Learning Standards (Next Gen).
- New standards emphasize science and engineering practices, making sense of phenomena, designing solutions to problems.
- The NJSLA-S is administered to students in grades 5, 8, and 11.
- In 2019, operational testing and standard setting by the NJDOE staff took place, making 2022 the first administration in which results on the NJSLA-S are used for district accountability (QSAC).

Only 4 performance levels

- **Level 1:** Minimal grade-level understanding
Score Range: 650-699
- **Level 2:** Limited grade-level understanding
Score Range: 700-724
- **Level 3:** Appropriate grade-level understanding
Score Range: 725-749
- **Level 4:** Advanced Understanding
Score Range: 750-800

SCIENCE GRADE LEVEL PROFICIENCY



THE OFFICE OF CURRICULUM AND INSTRUCTION

SCIENCE - SO WHAT? NOW WHAT?



ASSESSMENT	21-22	22-23	CHANGE
Science 5	53%	55%	+2%
Science 8	34%	38%	+4%
Science 11	46%	53%	+7%

- Instructional programming shift: Open SciEd grades 6-8
- Additional science elective at HS: Environmental Ecology
- Departmental content focus for the year: Earth and Space Science standard integration
- Departmental skill focus for the year: Sensemaking skills
- Increased focus on standards aligned common assessments throughout science department
- Inner Orbit to formatively assess skill growth in grades 5-8, teachers received training during September PD day on new OSE alignment.
- New science rooms - HFEE/Village PSA



ESL

THE OFFICE OF CURRICULUM AND INSTRUCTION

ACCESS for ELLs 2.0®



- **A**ssessing **C**omprehension and **C**ommunication in **E**nglish **S**tate-To-**S**tate
- Measure academic English in all 4 language domains, oral language, literacy, and comprehension
- Composite Proficiency Level is composed of:
 - 35% Reading
 - 35% Writing
 - 15% Listening
 - 15% Speaking



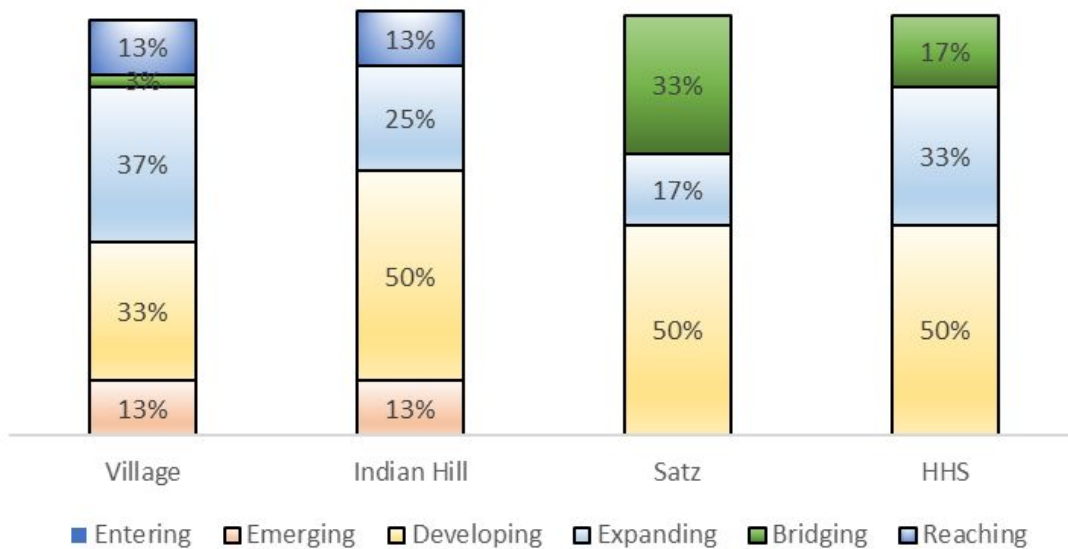
ACCESS PERFORMANCE LEVELS

6-REACHING	Knows and uses social and academic language at the highest level measured by the ACCESS for ELLs
5-BRIDGING	Knows and uses social and academic language working with grade level material
EXPANDING	Knows and uses social English and some technical academic language
3-DEVELOPING	Knows and uses social English and some specific academic language with visual and graphic support
2-EMERGING	Knows and uses some social English and general academic language with visual and graphic support
1-ENTERING	Knows and uses minimal social language and minimal academic language with visual and graphic support

THE OFFICE OF CURRICULUM AND INSTRUCTION



NJWIDA ACCESS FOR ELLS



- Supervisor focused on ESL
- 3 ESL teachers
- Affiliation with consortium
- Revised curriculum guides
- Achieve3000
- A-Z Learning Platform
- Extempore
- In class support



DYNAMIC LEARNING MAPS

THE OFFICE OF CURRICULUM AND INSTRUCTION

DYNAMIC LEARNING MAPS



- The DLM is an alternate assessment to the NJSLA for students with the most significant intellectual disabilities. The assessment is adaptive and questions are presented based on the student's previous response.
- Students took the DLM for English Language Arts and Literacy Assessments and Math in grades 3 – 11.
- Students took the DLM for Science grades 5, 8, and 11.
- During the 2022-2023 school year, 14 students with special needs who are educated in district participated in the assessments.

ACHIEVEMENT LEVELS



Emerging: The student demonstrates emerging understanding of and ability to apply content knowledge and skills represented by the Essential Elements.

Approaching the Target: The student's understanding of and ability to apply targeted content knowledge and skills represented by the Essential Elements is approaching the target.

At Target: The student's understanding of and ability to apply content knowledge and skills represented by the Essential Elements at target.

Advanced: The student demonstrates advanced understanding of and ability to apply targeted content knowledge and skills represented by the Essential Elements.

DISTRICT RESULTS



	Number of Students Tested	Emerging	Approaching Target	At Target	Advanced	% of Students at/above Target
English Language Arts	14	3	4	7	0	50%
Mathematics	14	6	2	2	4	43%
Science (Grades 5, 8, & 11)	6	2	2	2	0	33%

* Special Education Students utilize unique programs such as Re-think, Vizzle, Teachtown, and Project Read (Phonics & Framing Your Thoughts, Talkies, and Visualizing and Verbalizing)



Holmdel Public Schools



AP RESULTS



2023

ABOUT THE AP EXAMS



AP Exams are standardized exams designed to measure how well a student has mastered the content and skills of a specific AP course. Most AP courses have a traditional end of course exam, but a few courses have different ways to assess what a student has learned—for example, AP Art and Design students submit a portfolio of work for scoring.

An AP score is a weighted combination of your scores on the multiple-choice section and on the free-response section. The final score is reported on a 5-point scale as follows:

- 5 = extremely well qualified
- 4 = well qualified
- 3 = qualified
- 2 = possibly qualified
- 1 = no recommendation

Many colleges and universities grant credit and placement for scores of 3, 4 or 5; however, each college decides which scores it will accept.

AP ENROLLMENT: % OF AP STUDENTS PER GRADE LEVEL (22-23)



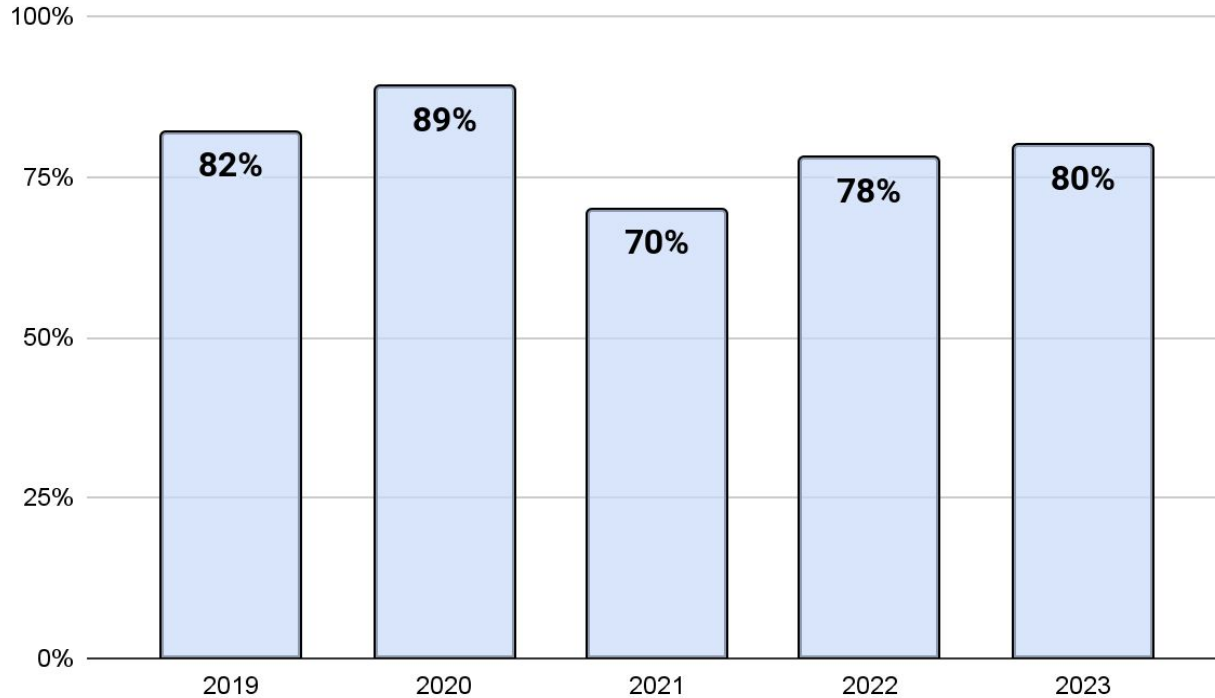
9th	22%
10th	17%
11th	46%
12th	62%

AP 5-YEAR SNAPSHOT SUMMARY

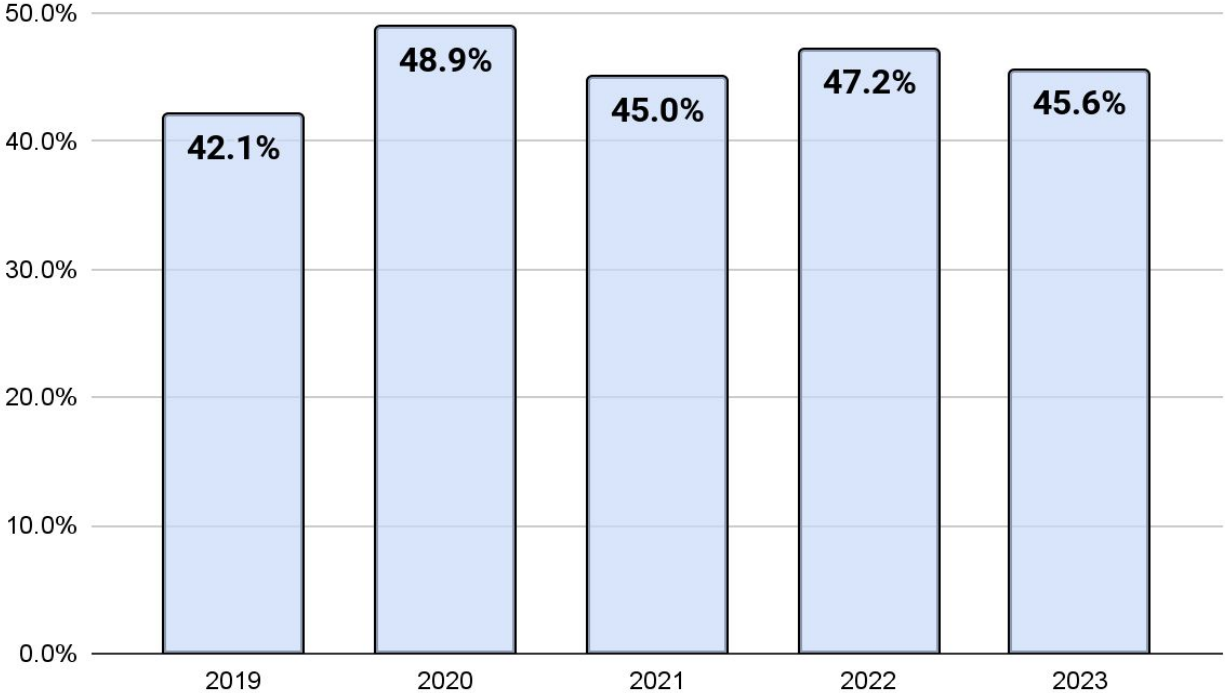


	2019	2020	2021	2022	2023
Total AP Students	240	228	257	318	349
Number of Exams	534	542	626	780	870
% of 11th and 12th grade students taking 1+ AP course	52%	51%	54%	57%	54%
AP Students with scores of 3+	196	203	180	249	280

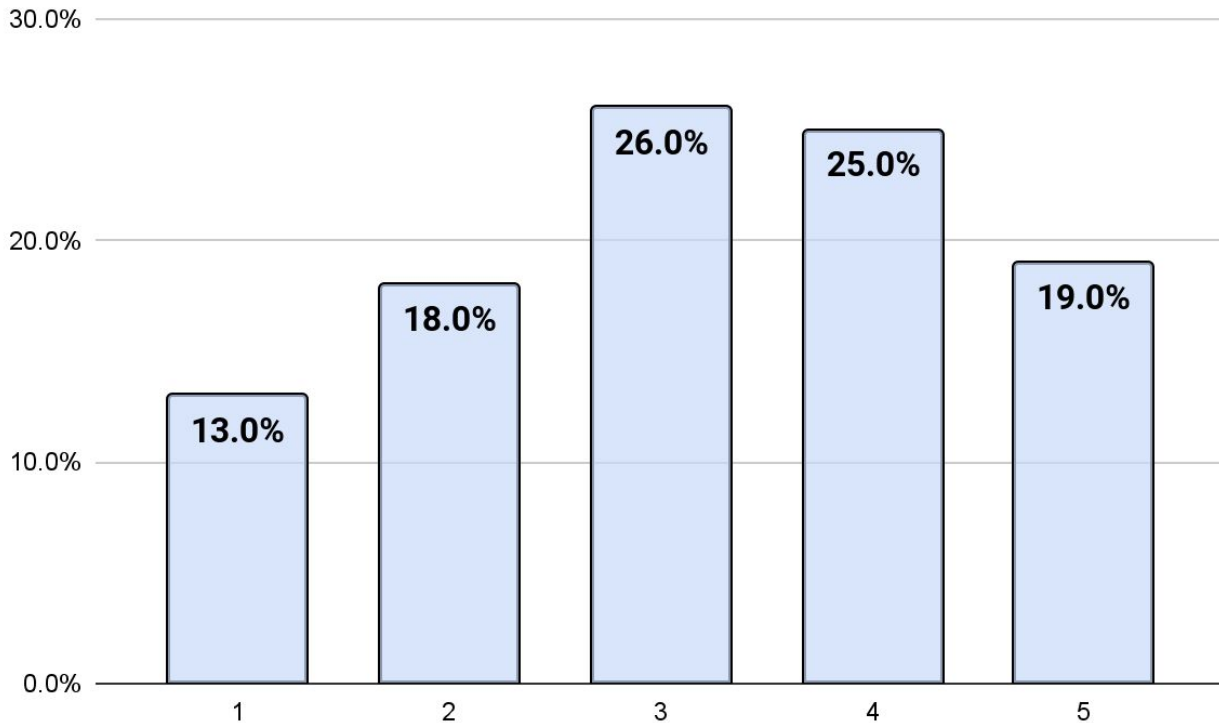
5 YEAR SUMMARY: % OF TOTAL AP STUDENTS WITH SCORES 3+



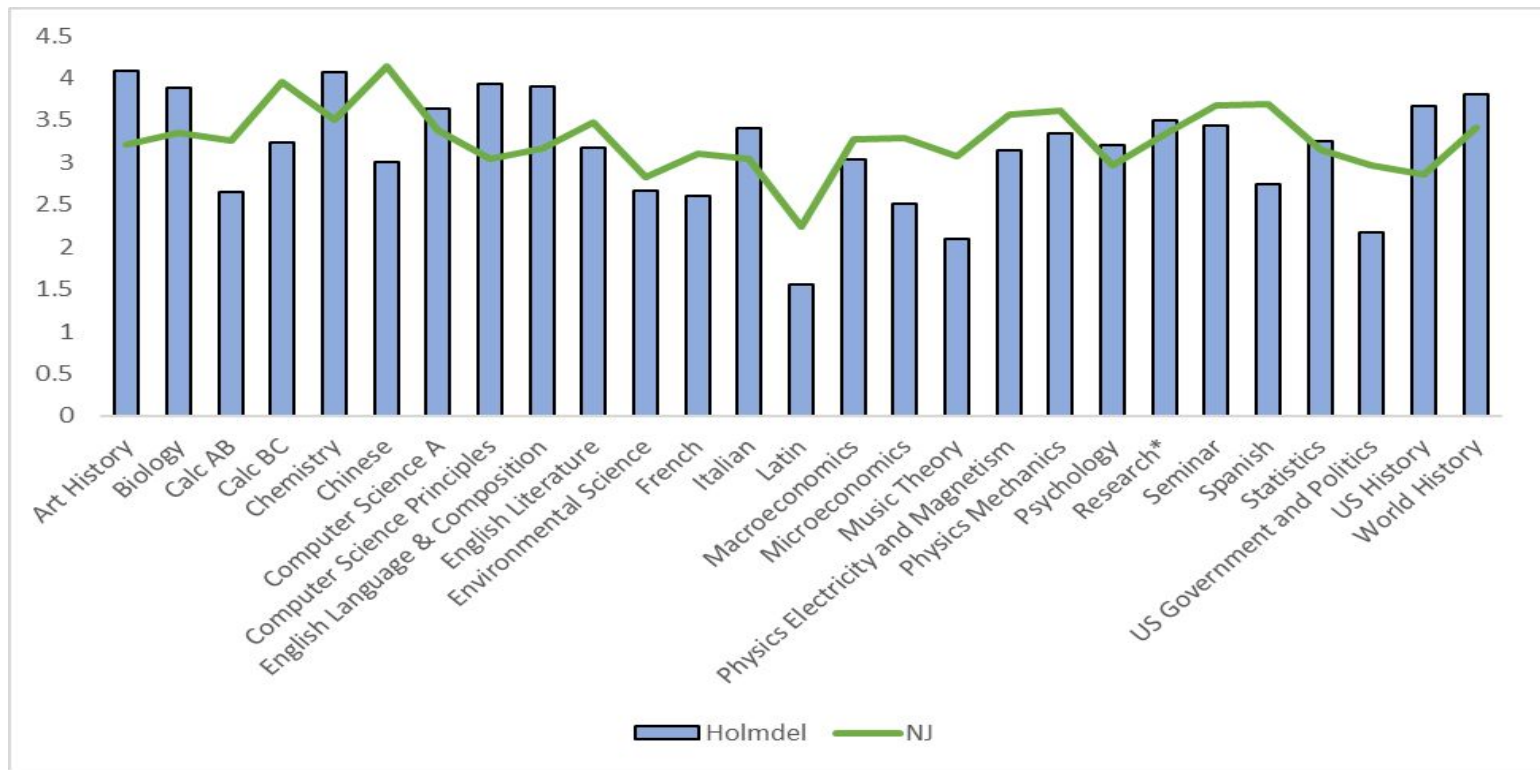
HISTORICAL QUALITY ADJUSTED AP PARTICIPATION RATE



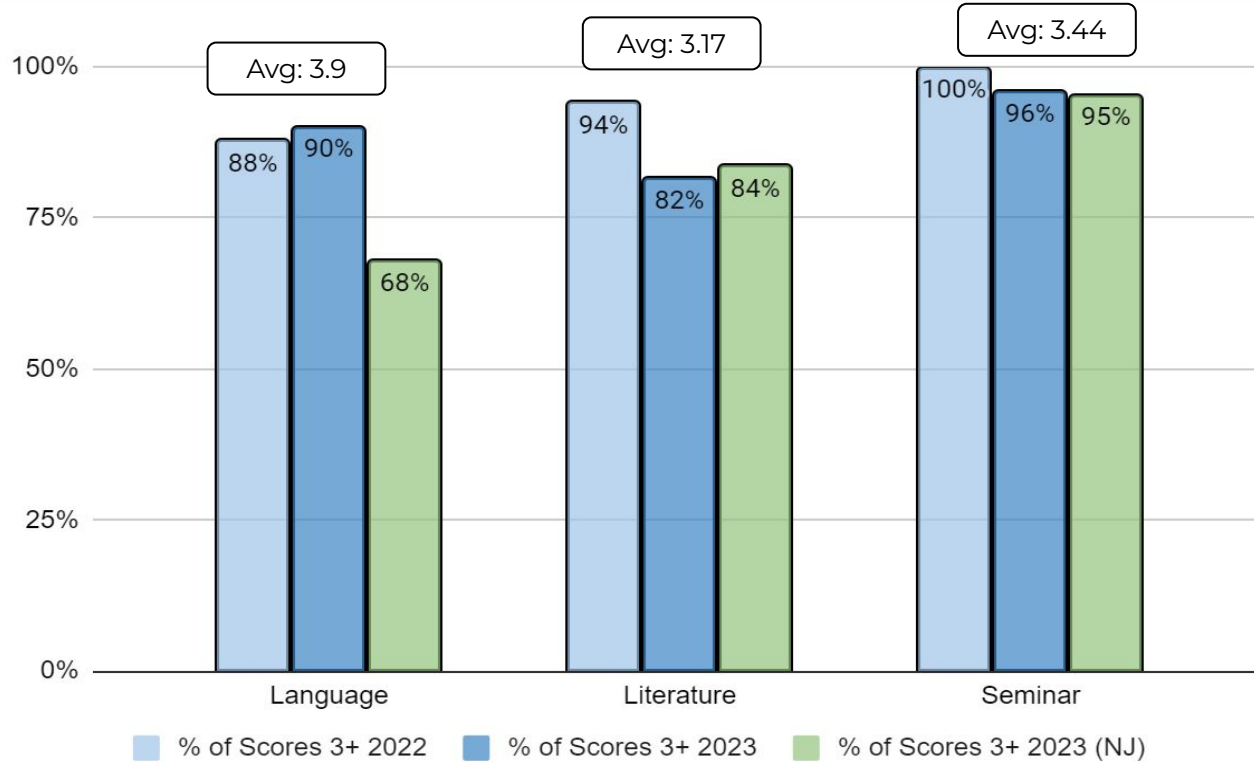
AP SCORE DISTRIBUTION ACROSS ALL TESTS



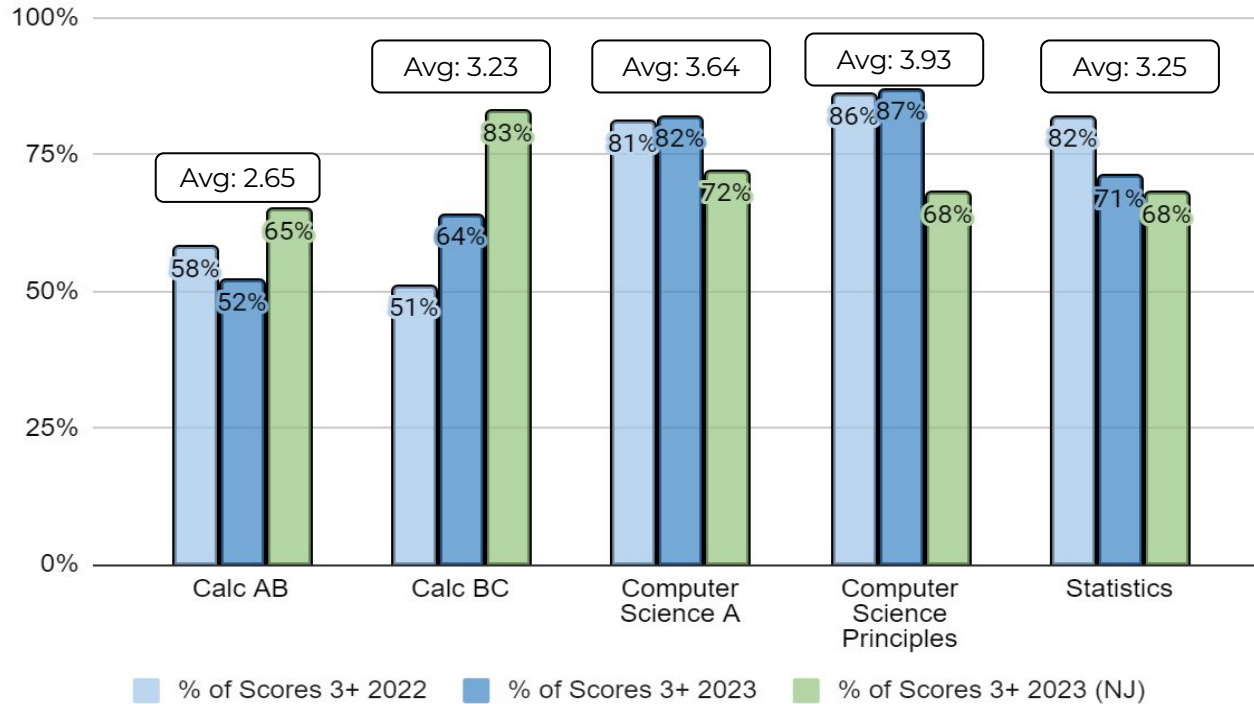
2023: AP MEAN SCORE COMPARISON HOLMDEL VS. NJ



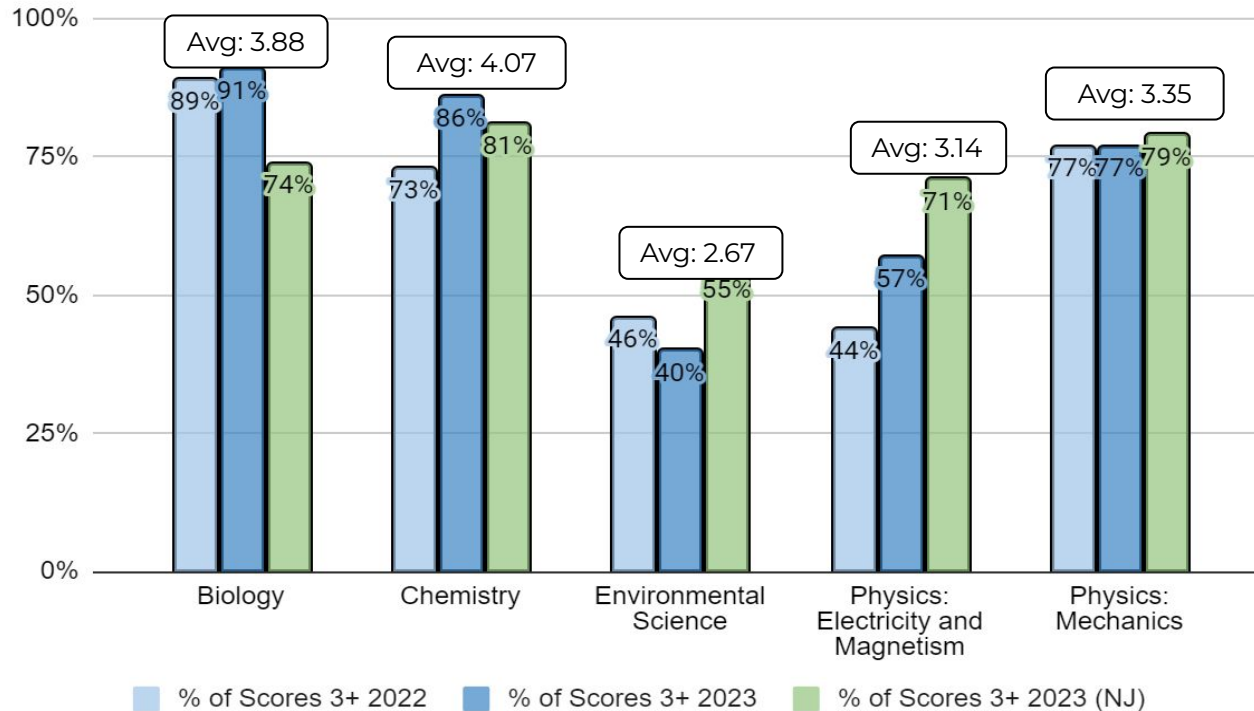
2023: ENGLISH LANGUAGE ARTS



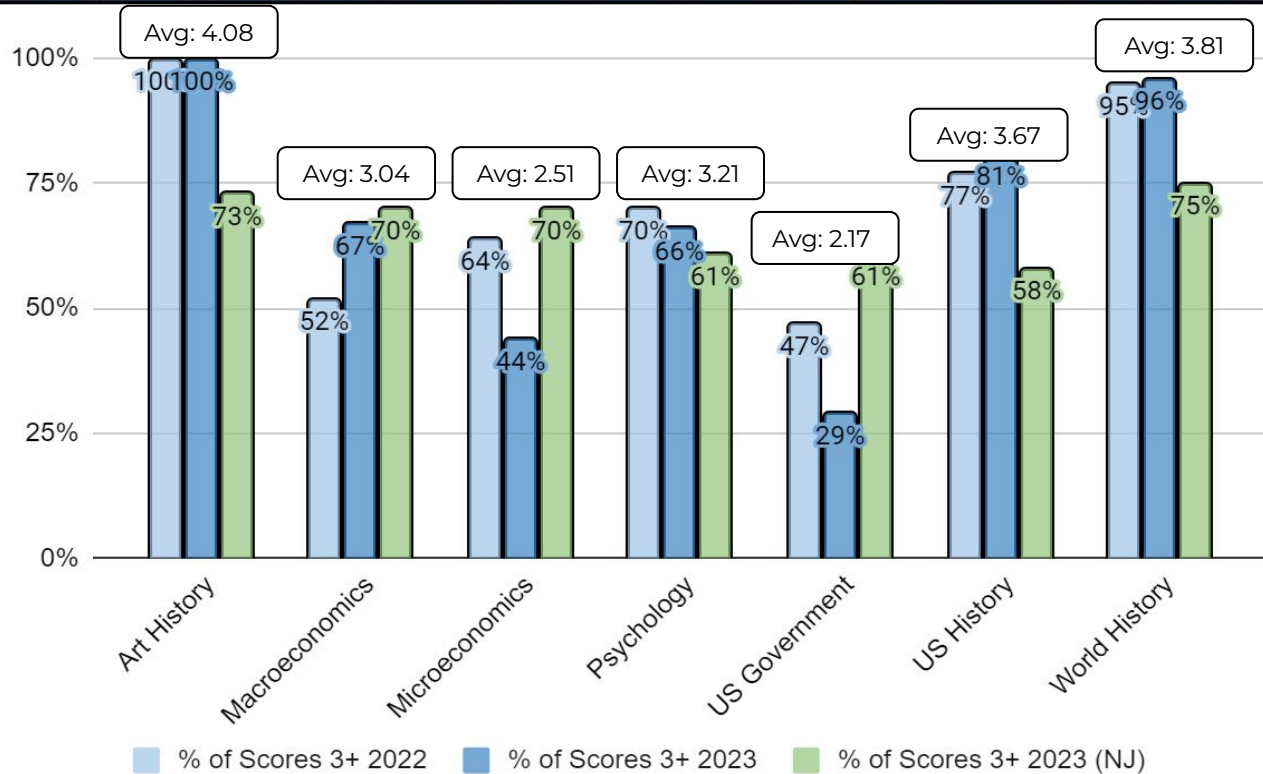
2023: MATHEMATICS



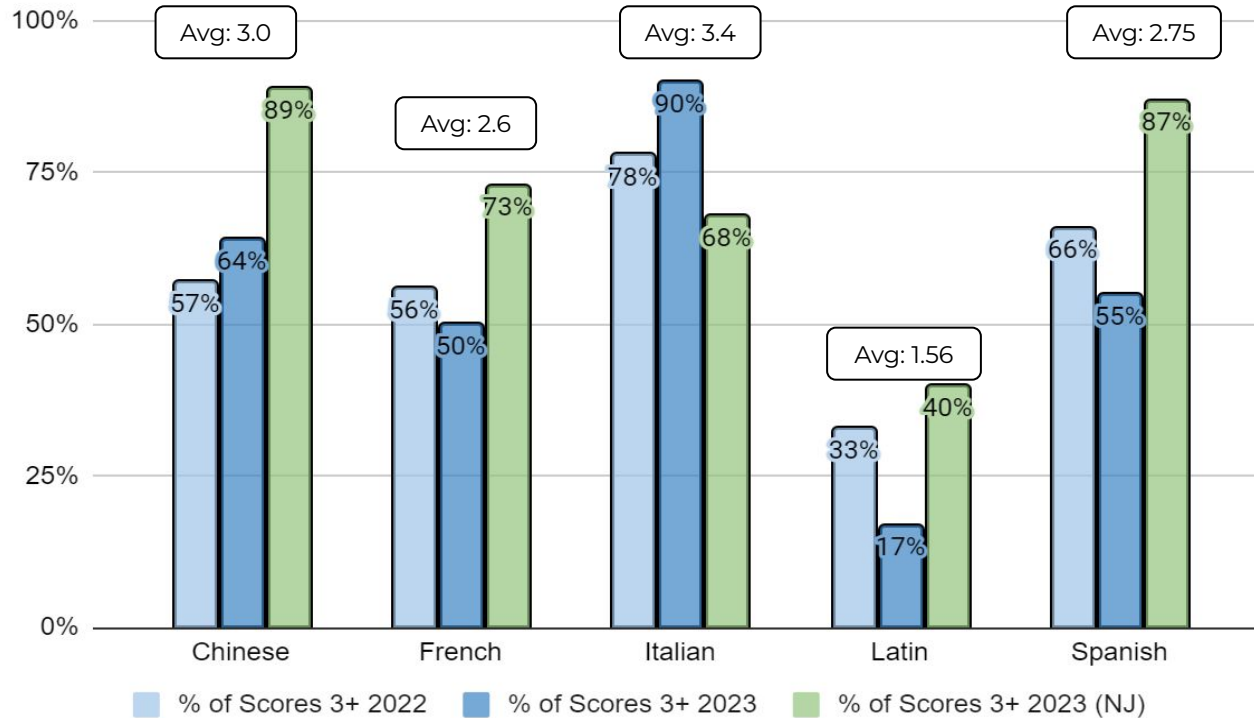
2023: SCIENCES



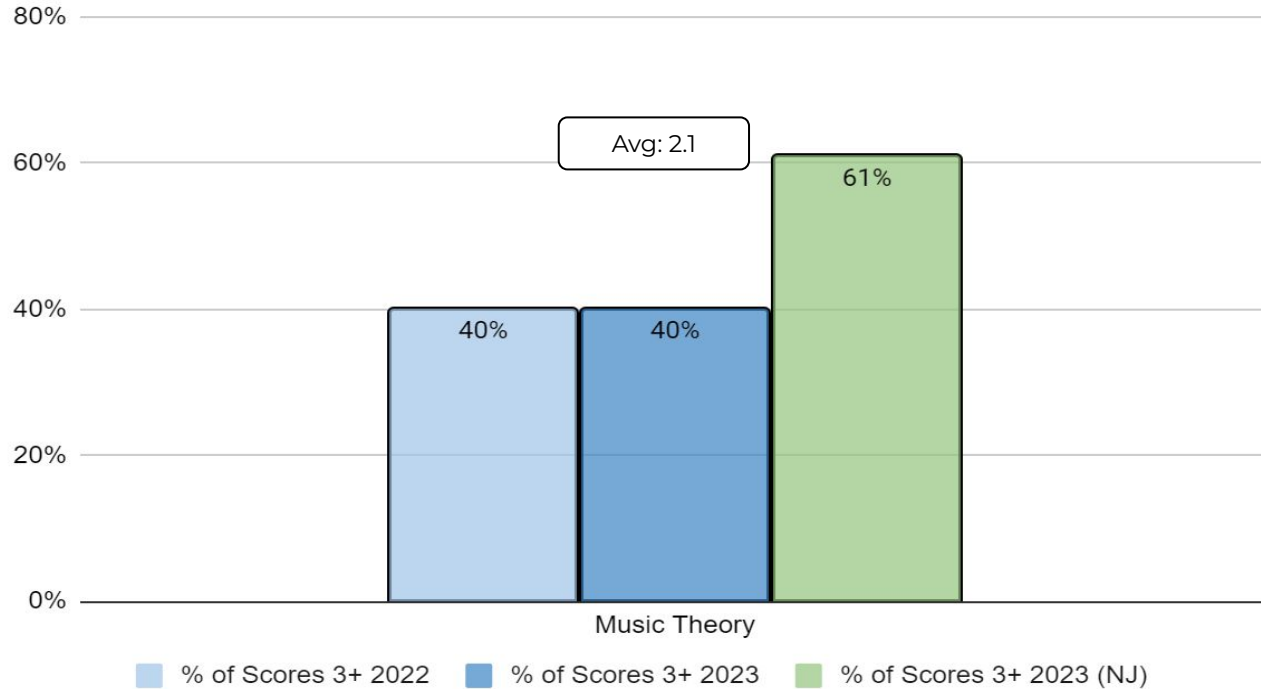
2023: HISTORY AND SOCIAL SCIENCES



2023: WORLD LANGUAGES



2023: VISUAL AND PERFORMING ARTS



AP SCHOLAR AWARDS



Award	Description	#of Scholars	Average Score
AP Scholar	Granted to students who receive scores of 3 or higher on three or more AP Exams.	58	3.02
AP Scholar with Honor	Granted to students who receive an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams	20	3.61
AP Scholar with Distinction	Granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams.	41	4.18

119 students in total were recognized as AP Scholars in 2023 with an average score of 3.61.
2 students were awarded the AP international diploma.
2 students were awarded the AP capstone diploma.
2 students were awarded the AP Seminar and Research certificate.

THE OFFICE OF CURRICULUM AND INSTRUCTION

SUMMARY OF FINDINGS



- AP Participation increased from 318 students in 2022 to 349 in 2023, marking a 2% increase; however the percentage of students passing one exam declined 4%
- The district outperformed the state in 11/27 tested areas.
- The percentage of students scoring 3+ increased from 78% to 80%, however quality adjusted participation rate (metric used for rankings) decreased nearly 2%.
- Largest gains in mean score average observed in Chemistry, Bio, Calc BC, Computer Science Principles, Physics, Language & Composition, Art History, Macroeconomics, Psychology, US History, Chinese, and Italian.
- Most significant mean score declines in Calc AB, Literature, Microeconomics, and US government.
- World Language remain an area to target.

2022: #68

SCORECARD	91.53
Took at Least One AP® Exam	57%
Passed at Least One AP® Exam	50%
Mathematics Proficiency	58%
Reading Proficiency	83%
Science Proficiency	49%
Graduation Rate	96%

2023: #64

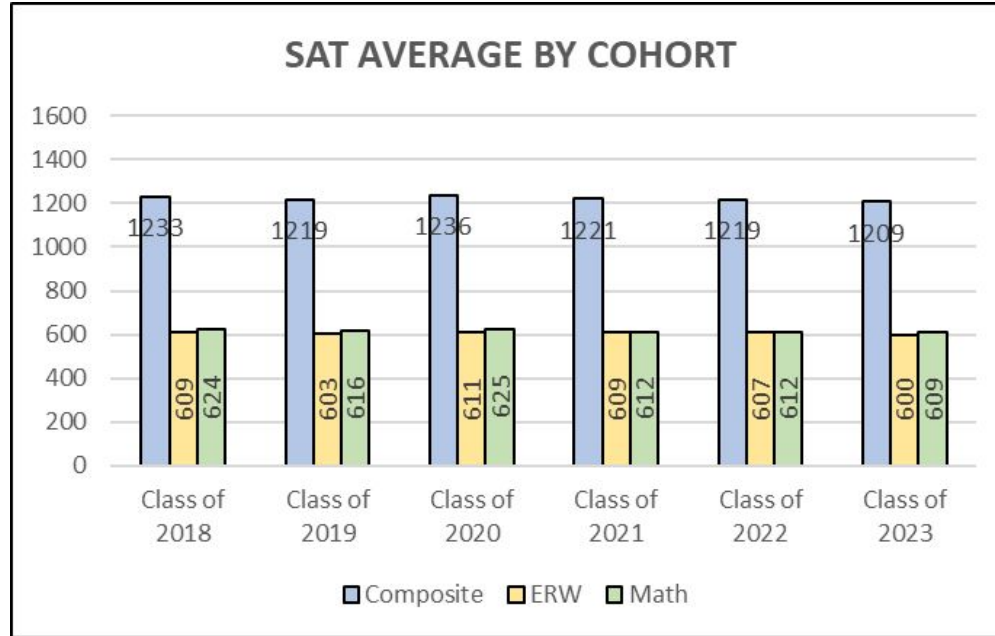
SCORECARD	92.38
Took at Least One AP® Exam	59%
Passed at Least One AP® Exam	46%
Mathematics Proficiency	58%
Reading Proficiency	83%
Science Proficiency	49%
Graduation Rate	98%

AP PROGRAMMING RECOMMENDATIONS



- Increase percentage of AP students to boost state rankings and provide more students access to college-level courses.
- Continue to research impetus for AP test-enrollment and participation; reimbursement vs. GPA boost and adjust grade scales, if deemed appropriate, accordingly.
- Purchase Albert IO for AP preparation (piloted in spring '23).
- Content supervisors should analyze instructions planning reports provided by CollegeBoard to support teachers in domain analysis for each sub-section of the exam. Identifying trends may support teachers in improving instructional practice.
- Enroll teachers new to AP in summer institutes.
- District Goal - Increased AP proficiency
- Conduct "AP Fair" to highlight course offerings.

SAT ACHIEVEMENT



THE OFFICE OF CURRICULUM AND INSTRUCTION



“BEHIND EVERY
SCORE, THERE IS
A CHILD”

John Haymond

