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# Methacton Student Achievement Report

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February 2025

Dr. Ché Regina  
Assistant Superintendent



# Agenda



- Assessment Updates
- Review of 2023-2024 State Mandated High Stakes Assessments
- Review of 2023-2024 SATs and AP Scores
- 2024-2025 Continued focus areas
- 2025-2026 Initiatives



# Assessment Updates

- Online Testing
  - PDE will require online testing starting Spring 2026
  - Methacton has been conducting online testing for the past four (4) years
  
- Science PSSA Administration
  - State re-alignment to STEELS (Science, Technology & Engineering, Environmental Literacy & Sustainability)
  - Move from 4<sup>th</sup> to 5<sup>th</sup> grade
  - Field test for 5<sup>th</sup> and 8<sup>th</sup> grade in Spring 2025
  - Field test items will be included in Biology Keystone in Spring 2025
  - Field test items will not count in the 2024-2025 school year

# **PSSA and Keystone Assessments**

# Pennsylvania System of School Assessment (PSSA) Information



- Subject Areas
  - English Language Arts (ELA)
  - Mathematics
  - Science
- ELA and Math are given to all students in 3<sup>rd</sup> through 8<sup>th</sup> grades
- Science only given to students in 5<sup>th</sup> and 8<sup>th</sup> grades
- Exams assess proficiency of the Pennsylvania State Standards
- All percentages in PSSA data slides represent proficient and advanced scores

## Grade 3 (2022-2024 results)

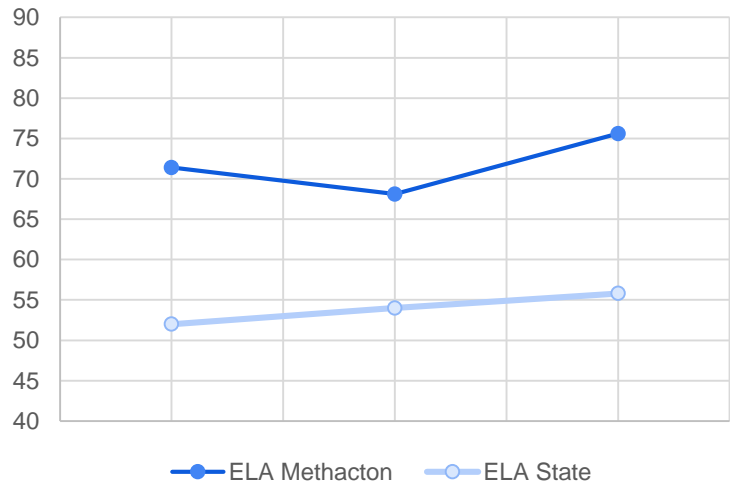


Year	ELA Methacton	ELA State	Math Methacton	Math State
2022	71.4	52	66.0	47
2023	68.1	54	68.4	52
2024	75.4	55.8	81.5	51.4

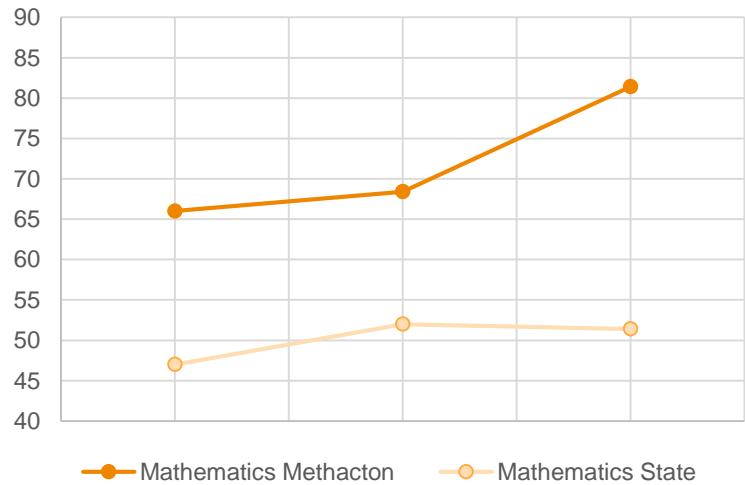
# Grade 3 (2022-2024 results)



ELA



Math



# Grade 4 (2022-2024 results)



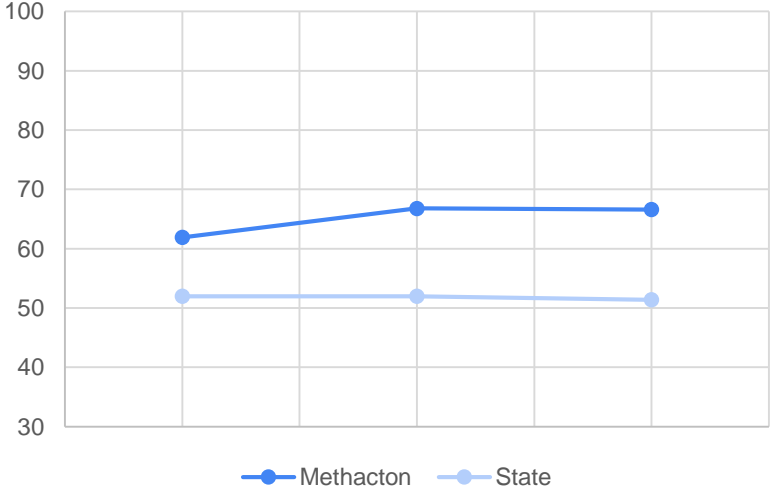
Year	ELA Methacton	ELA State	Math Methacton	Math State	Science Methacton	Science State
2022	61.9	52	62.7	42	88.9	74
2023	66.8	52	68.4	52	88.2	74
2024	66.6	51	72.6	49	90.3	77



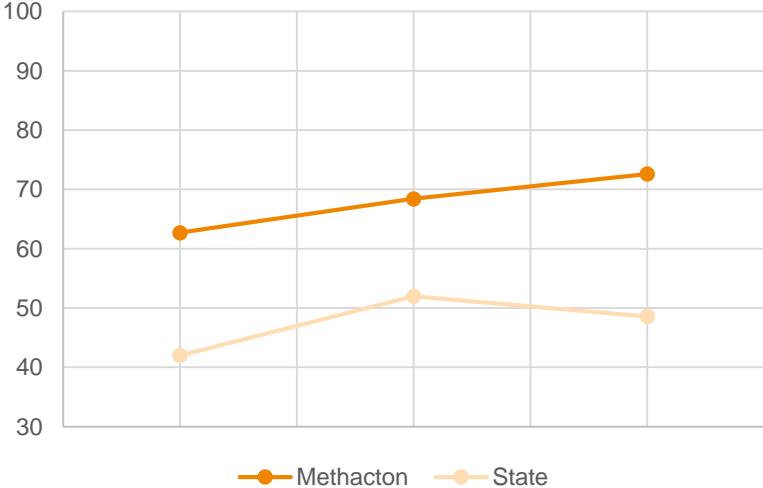
# Grade 4 (2022-2024 results)



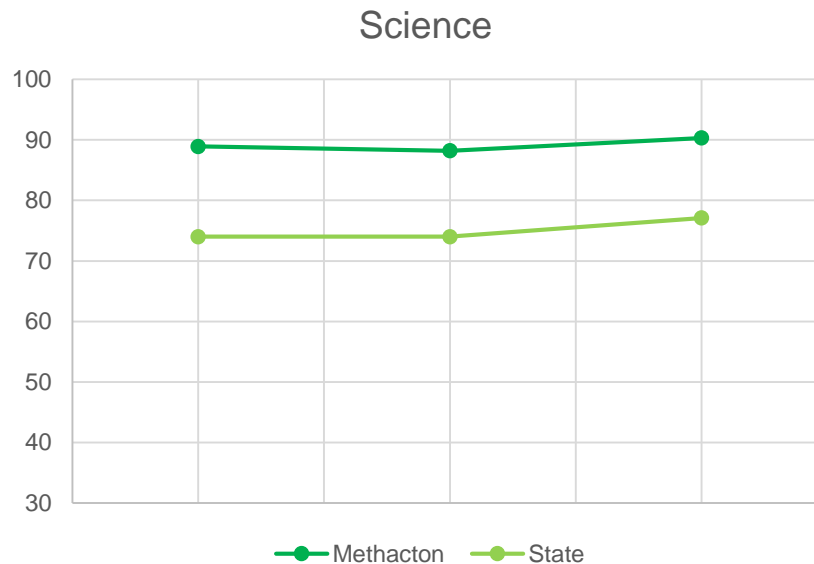
ELA



Math



# Grade 4 (2022-2024 results)



# Grade 5 (2022-2024 results)

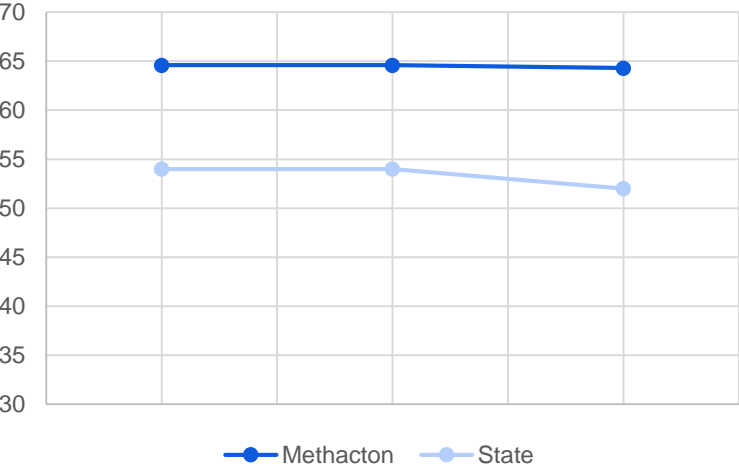


Year	ELA Methacton	ELA State	Mathematics Methacton	Mathematics State
2022	64.6	54	40.6	35
2023	64.6	54	58.8	43
2024	64.3	52	54.9	43

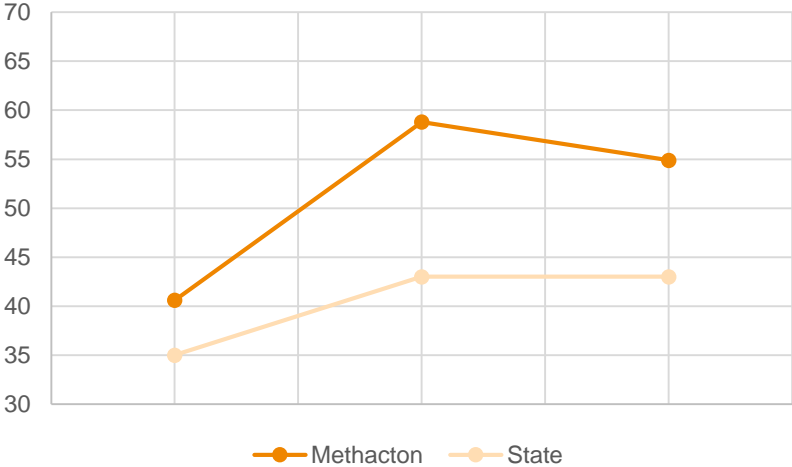
# Grade 5 (2022-2024 results)



ELA



Math



## Grade 6 (2022-2024 results)

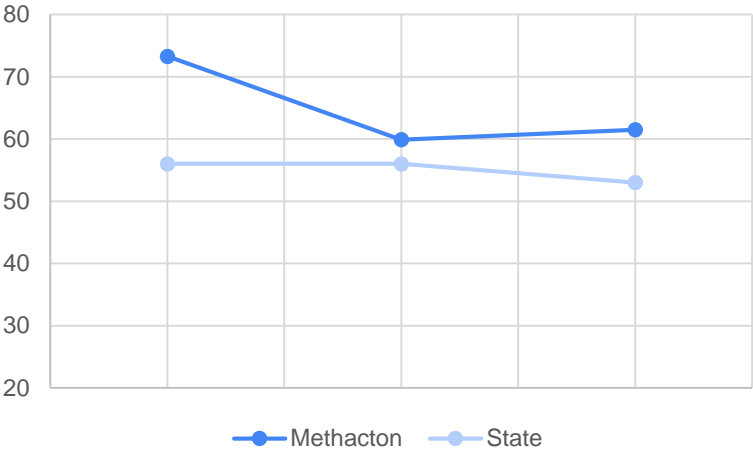


Year	ELA Methacton	ELA State	Mathematics Methacton	Mathematics State
2022	73.3	56	48.8	32
2023	59.9	56	53.9	37
2024	61.5	53	57.5	37

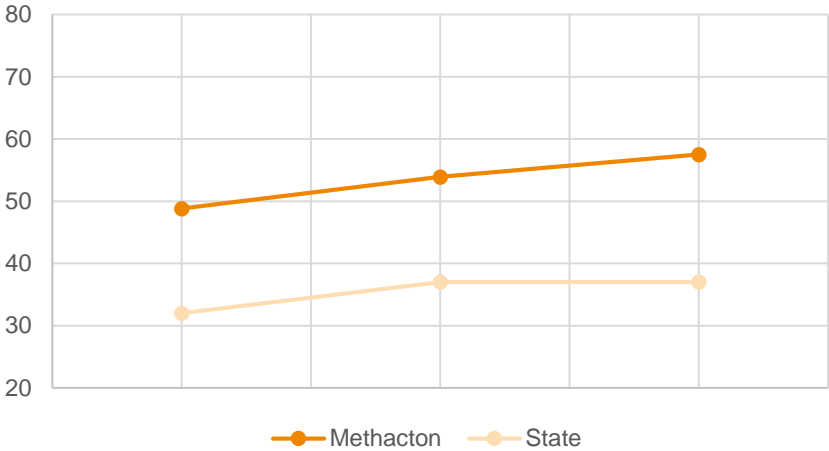
# Grade 6 (2022-2024 results)



ELA



Math



# Grade 7 (2022-2024 results)

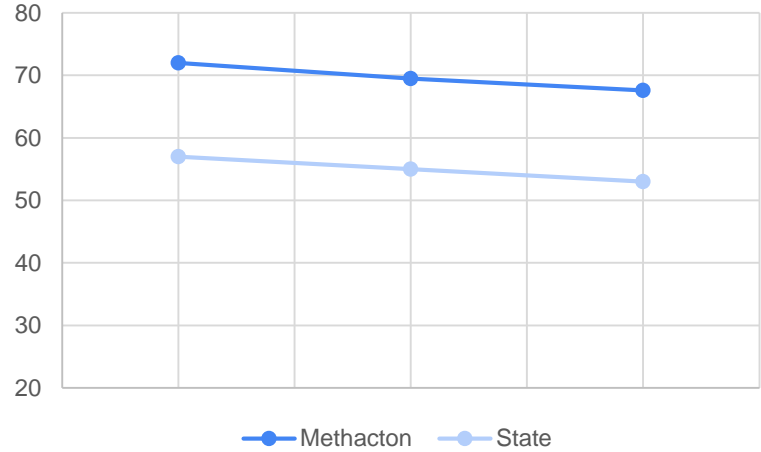


Year	ELA Methacton	ELA State	Mathematics Methacton	Mathematics State
2022	72	57	40.8	27
2023	69.5	55	46.8	33
2024	67.6	53	52.4	34

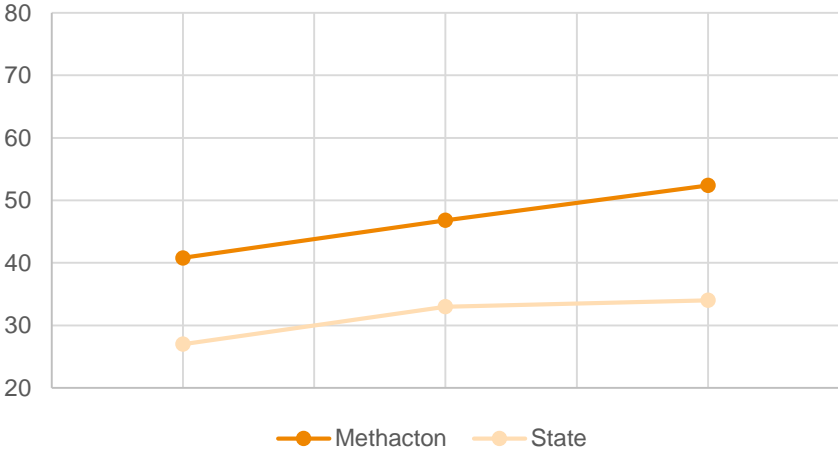
# Grade 7 (2022-2024 results)



ELA



Math





# Grade 8 (2022-2024 results)

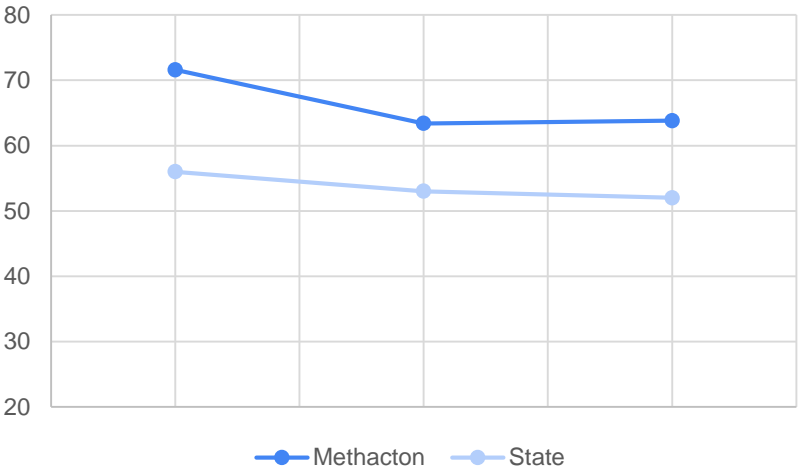


Year	ELA Methacton	ELA State	Mathematics Methacton	Mathematics State	Science Methacton	Science State
2022	71.6	56	32.1	23	72.3	51
2023	63.4	53	35	26	76.2	57
2024	63.8	52	40.2	29	74.9	55

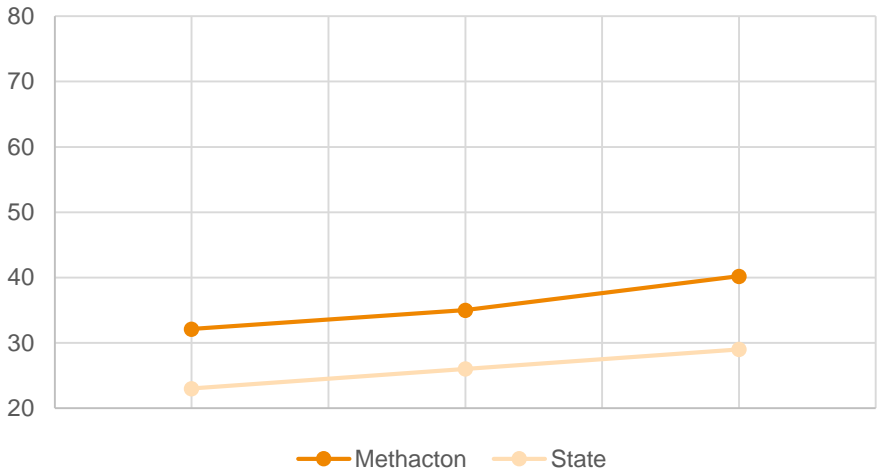
# Grade 8 (2022-2024 results)



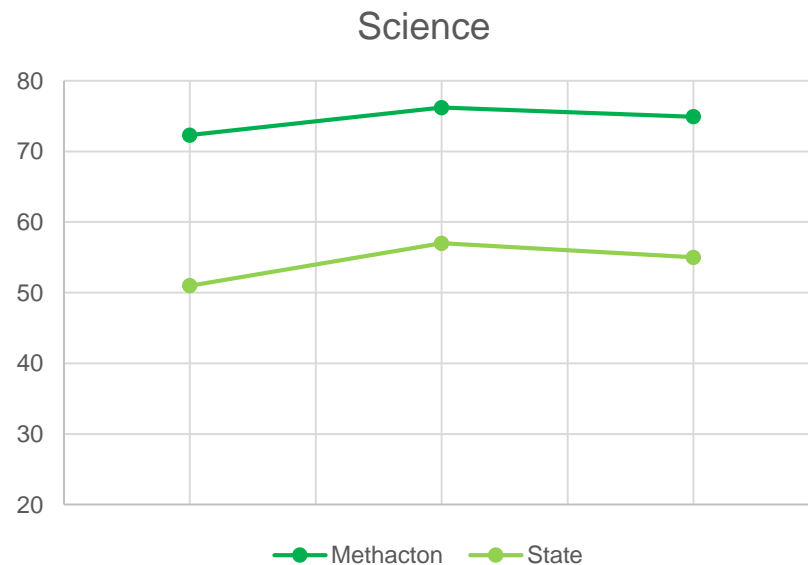
ELA



Math



# Grade 8 (2022-2024 results)



# Keystone Information



- Keystone Exams are the high school version of the PSSAs
- Subject area specific and only taken at the end of the specific courses
  - ELA exam is taken at the end of 10<sup>th</sup> grade Literature
  - Math exam is taken at the end of Algebra I
  - Science exam is taken at the end of Biology
- Exams can be taken more than once in subsequent years if a student is unsuccessful in previous attempts
- All percentages in the Keystone data slide represent proficient and advanced scores
- First data slide shows the scoring percentages from students that took the exams last year
- Second data slide shows the “banked” scoring percentages that are attributed to all students in their 11<sup>th</sup> grade year

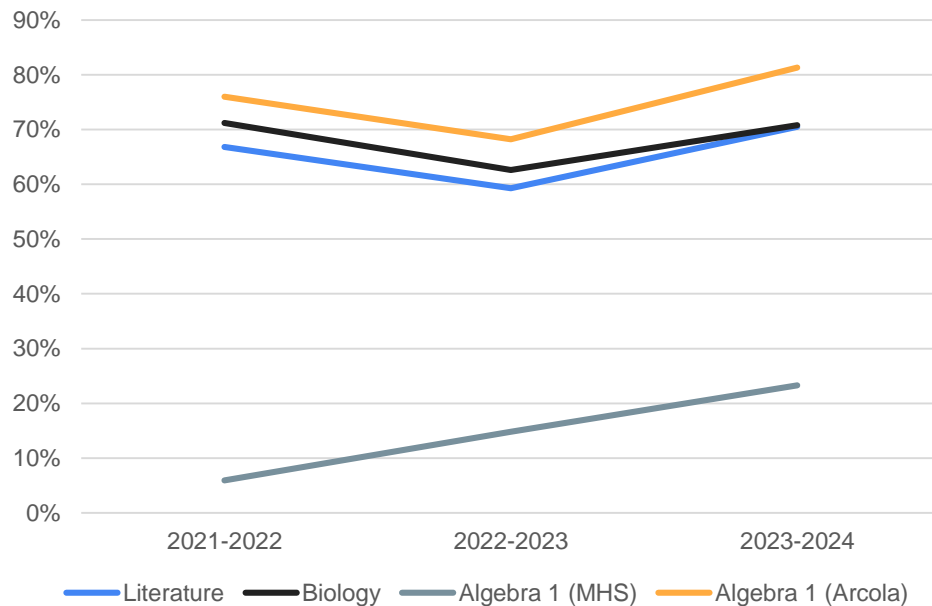
# Building Background: Keystone Exams

Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11
							Literature (all)	Literature (retakes & new students)
						Biology (some)	Biology (majority)	Biology (some, retakes & new students)
				Algebra 1 (few)	Algebra 1 (many)	Algebra 1 (many & retakes)	Algebra 1 (few & retakes)	Algebra 1 (retakes & new students)

- Keystone exams are given at the end of the course
- Students' "best" score is banked until 11th grade
- Algebra 1 exam is typically given in grade 8 or 9
- Biology and Literature exams are typically given in grade 10

# Annual Keystone 3 Year Trend – Proficiency Scores

	2021-2022	2022-2023	2023-2024
Literature	66.8%	59.3%	70.5%
Biology	71.2%	62.6%	70.8%
Algebra 1 (MHS)	5.9%	14.8%	23.3%
Algebra 1 (Arcola)	76.0%	68.2%	81.3%



# Banked Keystone 3 Year Comparison: Methacton & the State

Literature		
Year	Methacton	State
2021-2022	79.3	64.9
2022-2023	75.2	65.3
2023-2024	66.4	63.2

Biology		
Year	Methacton	State
2021-2022	59.9	41.9
2022-2023	73	50.7
2023-2024	66.5	50.5

Algebra I		
Year	Methacton	State
2021-2022	83.7	63.9
2022-2023*	35.9	34.2
2023-2024**	51.8	41.6

**Banked Pandemic Scoring Effect** - The drop in our 2022-2023\* and 2023-2024\*\* Algebra 1 scores are reflective of our 2019-2020 student data not being counted for our accelerated students in 8<sup>th</sup> grade and 7<sup>th</sup> grade Algebra I, respectively.

**Standard Achievement Tests (SAT)**

**Advanced Placement (AP)**



# Methacton Students 3 Year (SAT) Results

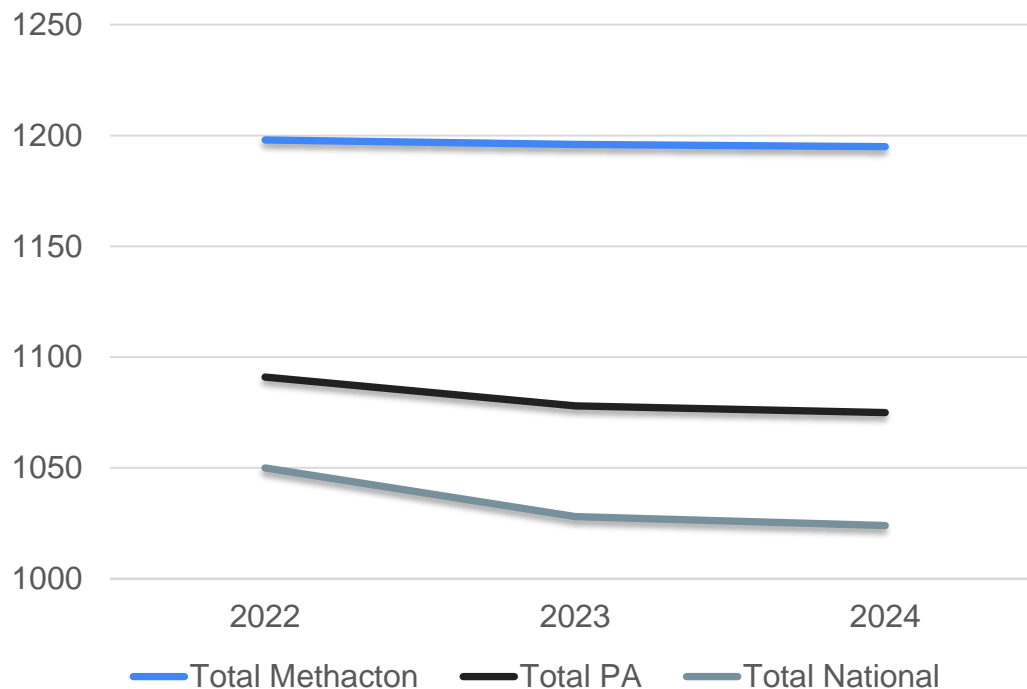


Graduation Year	# of Participants	English Reading Writing (ERW) Scores	Math Scores	Total Score
<b>2022</b>	310	594	604	1198
<b>2023</b>	253	599	597	1196
<b>2024</b>	254	595	600	1195

# Total SAT Comparative Scores



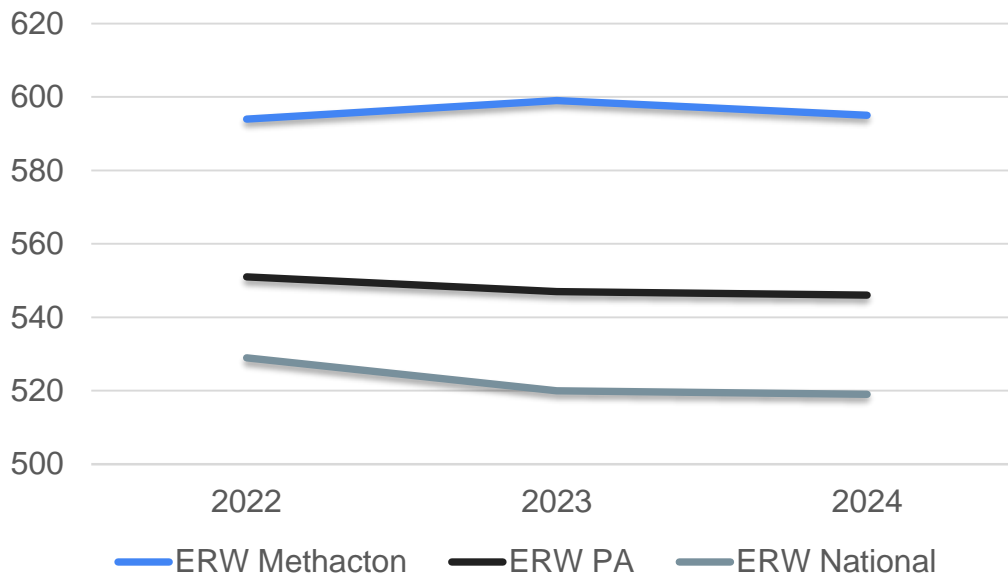
Graduation Year	Total Methacton	Total PA	Total National
2022	1198	1091	1050
2023	1196	1078	1028
2024	1195	1075	1024



# SAT English Reading Writing (ERW) Comparative Scores



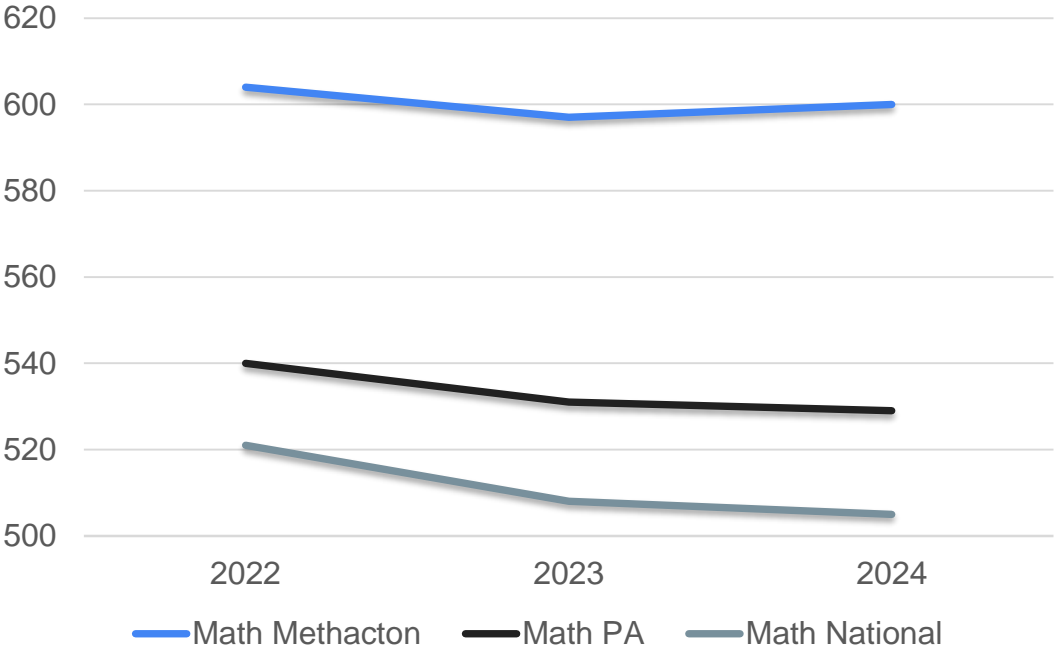
Graduation Year	ERW Methacton	ERW PA	ERW National
2022	594	551	529
2023	599	547	520
2024	595	546	519



# SAT Math Comparative Scores



Graduation Year	Math Methacton	Math PA	Math National
2022	604	540	521
2023	597	531	508
2024	600	529	505



# Advanced Placement Testing Summary

Total number of exams – **768**

93% of scores were **3 or higher**

72% of scores were **4's and 5's**

**AP Scholar** – Awarded to students who receive scores of 3 or higher on three or more AP Exams.

- *43 students with an average of 3.46*

**AP Scholar with Honor** – Awarded 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.

- *37 students with an average of 3.80*

**AP Scholar with Distinction** – Awarded 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.

- *81 Students with an average of 4.33*

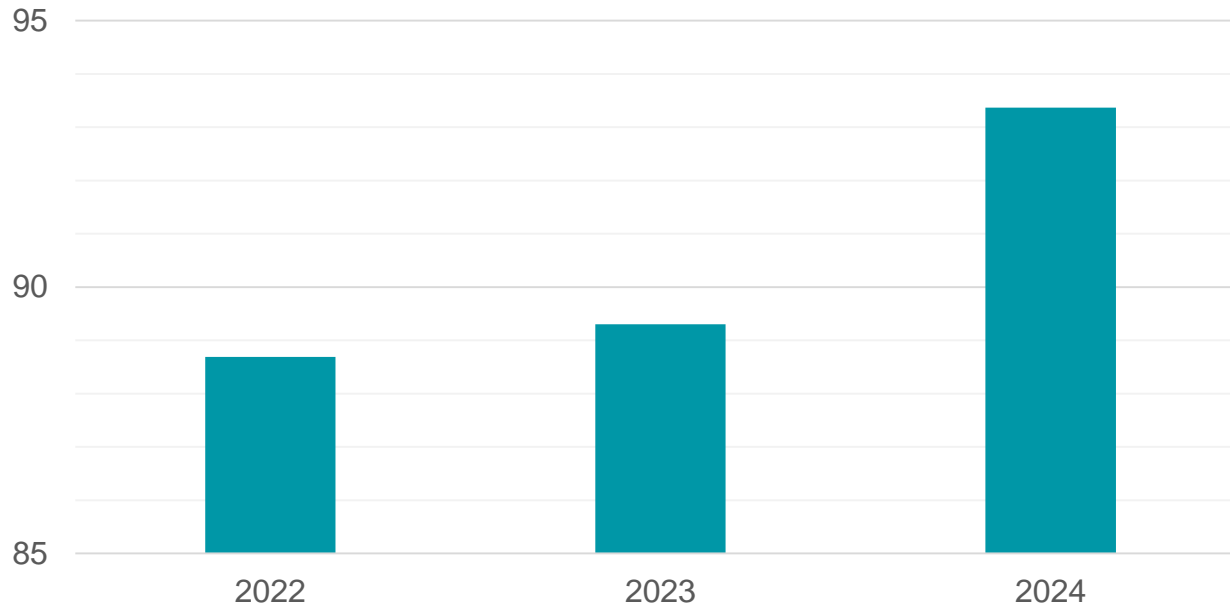
# Three Year Advanced Placement Summary

## % of Total AP Students with Scores 3+

	2022	2023	2024
Total AP Students	398	355	347
Number of Exams	831	746	768
AP Students with Scores 3+	353	317	324
% of Total AP Students with Scores 3+	88.69	89.30	93.37

# Three Year Advanced Placement Summary

## % of Total AP Students with Scores 3+



# Additional AP Statistics



**In 2022-2023....**

- Eleven (11) courses had 90% or more students scoring a 3 or higher

**In 2023-2024....**

- Thirteen (13) courses had 90% or more of their students scoring a 3 or higher
  - 2-D Art and Design = 100%
  - Biology = 100%
  - Calculus AB = 100%
  - Calculus BC = 95%
  - Chemistry = 100%
  - Computer Science Principles = 100%
  - English Literature and Composition = 98%
  - Human Geography = 94%
  - Physics = 100%
  - Seminar = 97%
  - Statistics = 100%
  - US Government and Politics = 99%
  - US History = 97%



# Additional AP Statistics



**In 2022-2023....**

- Three (3) courses had 100% or more students scoring a 3 or higher

**In 2023-2024....**

- Seven (7) courses had 100% or more of their students scoring a 3 or higher
  - 2-D Art and Design = 100%
  - Biology = 100%
  - Calculus AB = 100%
  - Chemistry = 100%
  - Computer Science Principles = 100%
  - Physics = 100%
  - Statistics = 100%

# Additional AP Statistics



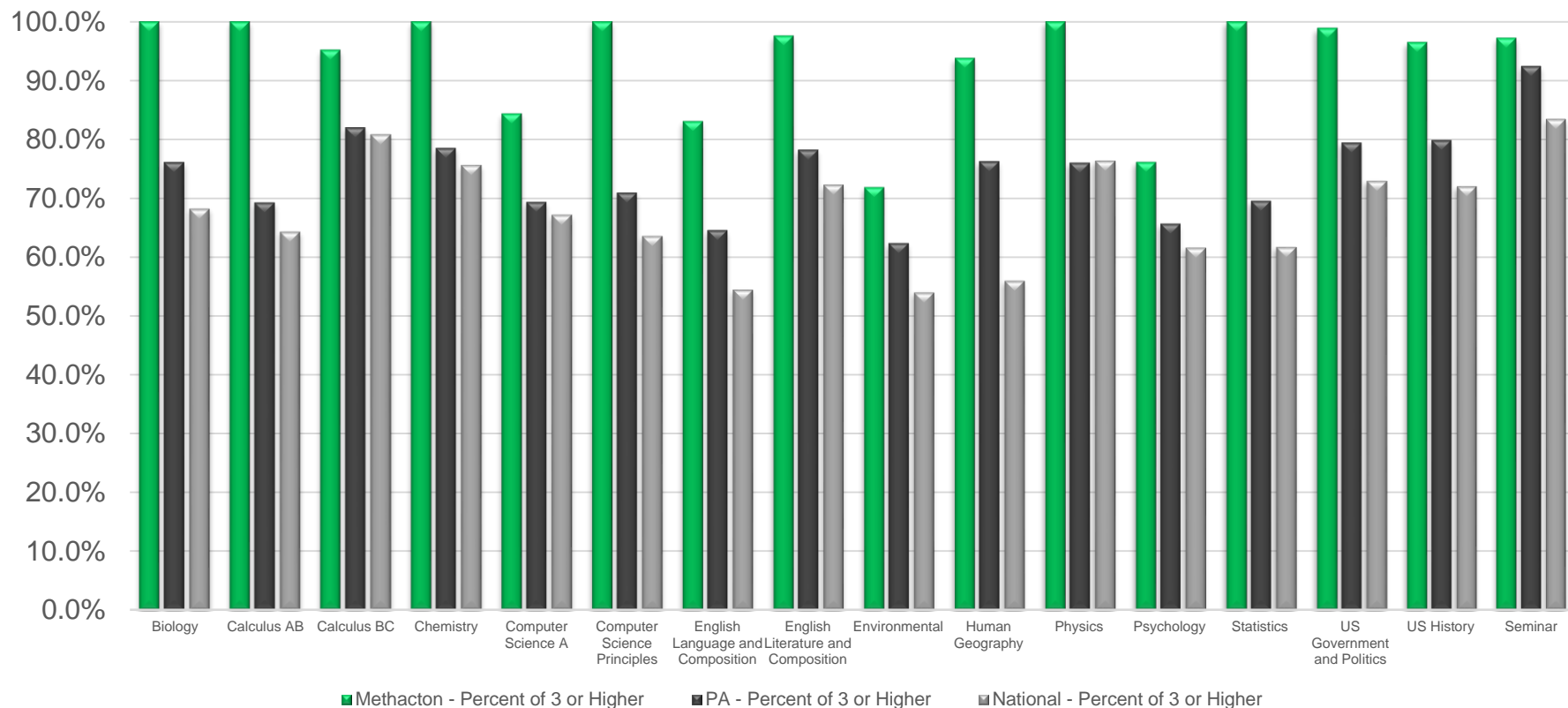
**In 2022-2023....**

- Nine (9) courses had students averaging a 4 or higher (highest possible score is a 5)

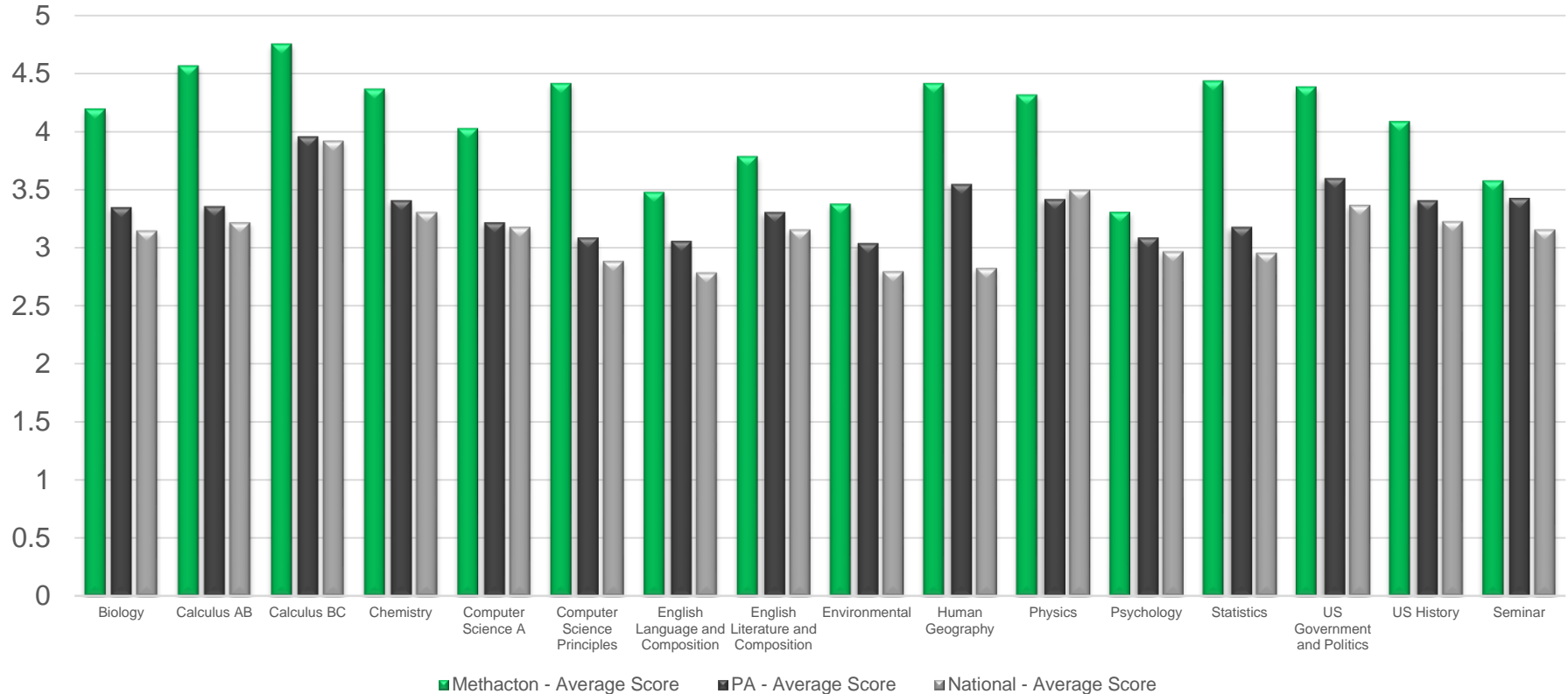
**In 2023-2024....**

- Eleven (11) courses had students averaging a 4 or higher (highest possible score is a 5)
  - Biology = 4.2
  - Calculus AB = 4.6
  - Calculus BC = 4.8
  - Chemistry = 4.4
  - Computer Science = 4.0
  - Computer Science Principles = 4.4
  - Human Geography = 4.4
  - Physics = 4.3
  - Statistics = 4.4
  - US Government and Politics = 4.4
  - US History = 4.1

# Percentage Comparisons of Students Scoring a 3+



# Average Score Comparisons on Each Exam



# 2024-2025 Continued Focus Areas

- Planning
- Assessment variables
- Instructional Coaching
- Walkthroughs and observations
- Addressing the literacy gap

# 2025-2026 Initiatives

- Literacy improvement initiative with Schools Cubed and Keys to Literacy
- Common quality assessments
- Implementation of the instructional coaching model
- New STEELS\*, Character Strong, and PBIS\*\* implementation

\* Science, Technology & Engineering, And Environmental Literacy & Sustainability Standards

\*\* Positive Behavior Intervention and Supports

