

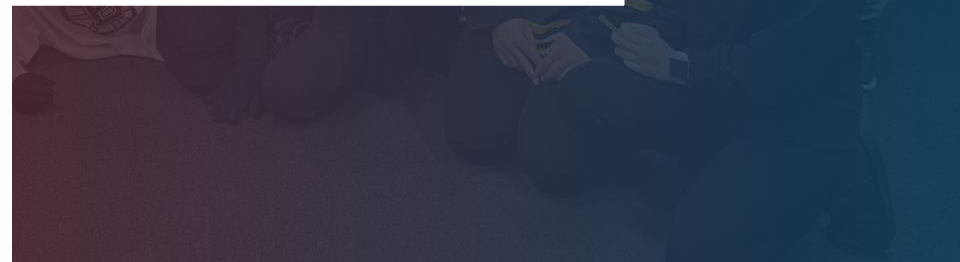


PUBLIC SCHOOLS of
BROOKLINE



MCAS Trends & Analysis

Dr. Robin Benoit
Interim Deputy Superintendent of Teaching & Learning
November, 2025



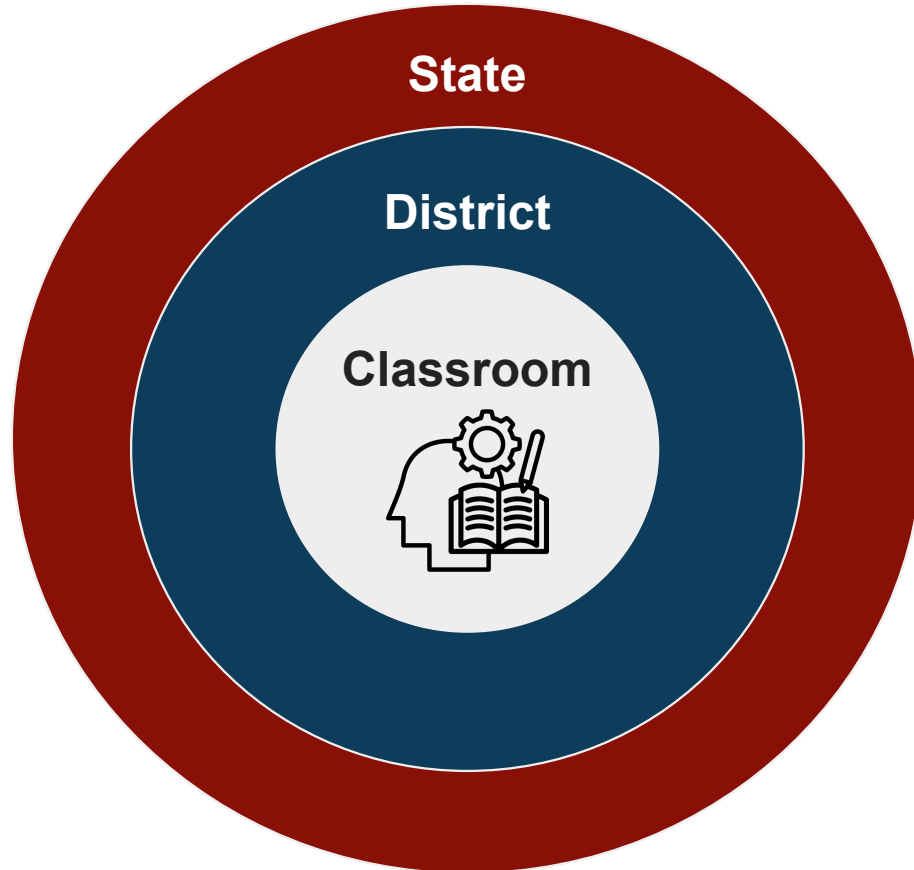
“...the major purpose of assessment in schools should be to provide interpretive information to teachers and school leaders about their impact on students, so that these educators have the best information about what steps to take with instruction about how they need to change and adapt.”

-John Hattie

Presentation Overview

- Understanding our system of assessment
- What is the Massachusetts Comprehensive Assessment System (MCAS)?
- Defining key terminology and measures
 - Performance Levels, Scaled Scores, SGP, Academic Peers
- District Strategic Priorities related to MCAS performance and growth
- District Overview
- Grade Span Snapshots (Grades 3-5, 6-8, 10)
- Grade 8 Civics
- Overall takeaways and recommendations

System of Assessment



System of Assessment

Type	Examples	Purpose	Frequency
State	MCAS	Broad view of district performance and student achievement related to statewide learning standards	Annually
District	DIBELS, Star, Panorama Surveys, Attendance Data, Common Assessments	Assess across classrooms and grade levels Monitor consistency & equity of learning opportunities	Multiple times per year
Classroom	Individual classroom assessments and observational data	Understand what students know, can do or may need in to moment to make ongoing adjustments to instruction.	Ongoing

What is the Massachusetts Comprehensive Assessment System ? (MCAS)

MCAS is an online assessment, linked to state learning standards, administered each year, in [English Language Arts](#), [Mathematics](#) to students in grades 3 - 8 and 10. Assessment in [Science & Technology](#) is administered in grades 5, 8 & 10 and in [Civics](#) in grade 8.

Results are reported in terms of a **scaled score**, **performance level** and **student growth percentile or SGP** (ranging from 1 to 99) .

- Achievement level percentages are not calculated for groups with fewer than 10 students. Average SGPs are not calculated for groups with fewer than 20 students.
- *Interpretation of student subgroup data:* Holding all things equal, we would expect rates of proficiency to be roughly equal across groups.
- SGP are not reported for Science & Technology or Civics.

Performance Levels and Scaled Scores

440	Not Meeting Expectations	470	Partially Meeting Expectations	500	Meeting Expectations	530	Exceeding Expectations	560
	A student who performed at this level did not meet grade-level expectations in this subject. The school, in consultation with the student's parent/guardian, should determine the coordinated academic assistance and/or additional instruction the student needs to succeed in this subject.		A student who performed at this level partially met grade-level expectations in this subject. The school, in consultation with the student's parent/guardian, should consider whether the student needs additional academic assistance to succeed in this subject.		A student who performed at this level met grade-level expectations and is academically on track to succeed in the current grade in this subject.		A student who performed at this level exceeded grade-level expectations by demonstrating mastery of the subject matter.	

Understanding Student Growth Percentile (SGP)

Purpose: Measure a student's academic progress year-to-year on MCAS

Score Range: Scores range from 1 to 99

- Indicates growth relative to academic peers.
- Measured relative to their **Academic Peers**
- **Academic Peers** refers to students with similar past MCAS performance.

Score Interpretation

SGP	Growth Level	Interpretation
1–20	Very Low	Below average growth
21–40	Low	
41–60	Moderate	Average growth
61–80	High	Above average growth
81–99	Very High	

District Strategic Priority

Increase achievement for all students by establishing, implementing and regularly assessing a consistent, high-quality and challenging curriculum delivered using evidence-based practices.

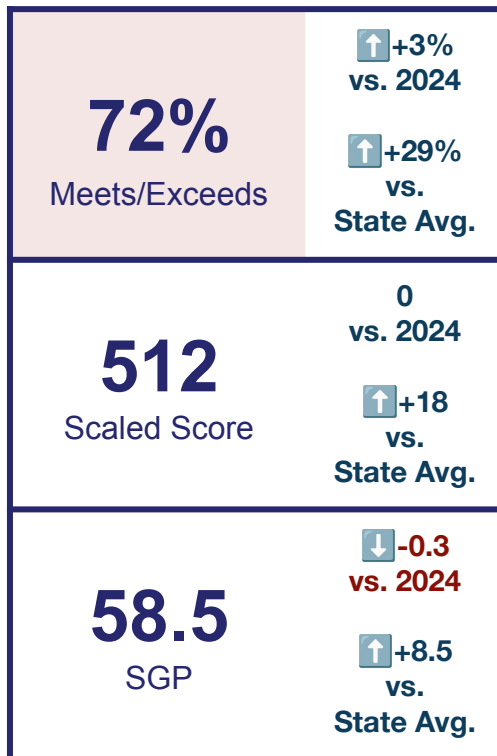
Benchmarks

SY25 Benchmarks

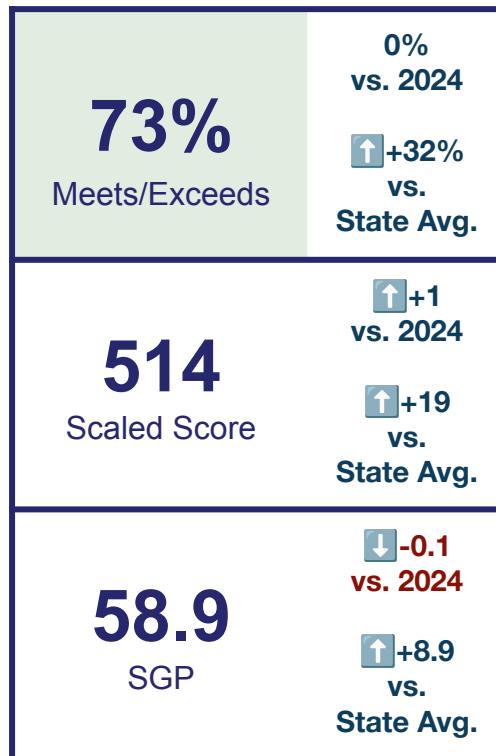
- 73% of Brookline students will attain proficiency on the ELA and Math MCAS
- 74% of Brookline students will attain proficiency on the Science MCAS
- Through robust equitable instruction, the percentage of Black/African American and Latinx students who Meet or Exceed expectations in ELA and Math as measured by the MCAS will increase by 3 percentage points. The percentage in the aggregate who meet or exceed benchmarks will increase by a minimum of 1 percentage point.
- Student growth percentile in ELA and Math, for Black/African American and Latinx student will reach a minimum of 50 as measured by the MCAS.

2025 Overview District Wide Data Grades 3-8 & 10

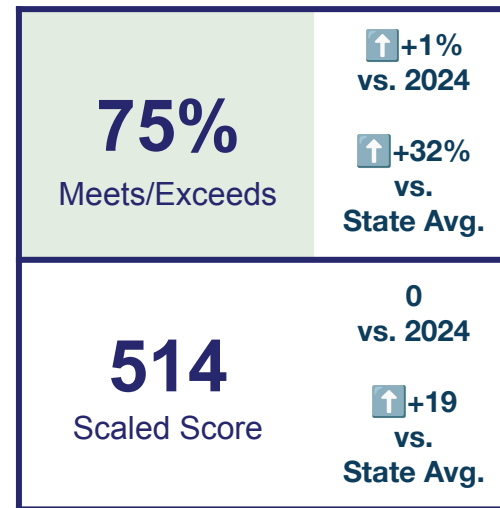
ELA



MATH



Science



All Brookline Students

2025 Overview District Wide Data Grades 3-8 & 10

ELA

48% Meets/Exceeds	 +4% vs. 2024  +5% vs. State Avg.
497 Scaled Score	0 vs. 2024  +3 vs. State Avg.
53.3 SGP	 +1.3 vs. 2024  +3.3 vs. State Avg.

MATH

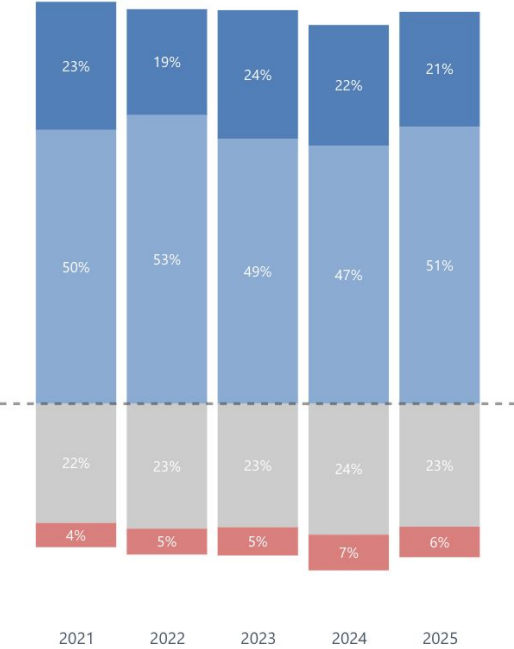
40% Meets/Exceeds	0% vs. 2024  -1% vs. State Avg.
494 Scaled Score	0 vs. 2024  -1% vs. State Avg.
55.3 SGP	 +1.8 vs. 2024  +5.3 vs. State Avg.

Brookline students
identifying as
Black/African American
or Latinx

2025 District Wide ELA Data Grades 3-8 & 10

Performance Levels over Time - ELA

● Not Meeting ● Partially Meeting ● Meeting ● Exceeding



72%
Meets/Exceeds

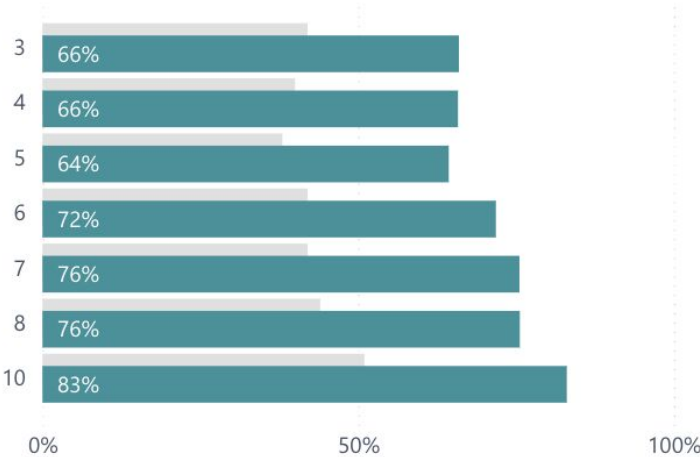
512
Average Scaled Score

58.5
Average SGP

% Meet/Exceed

by Grade Level - ELA

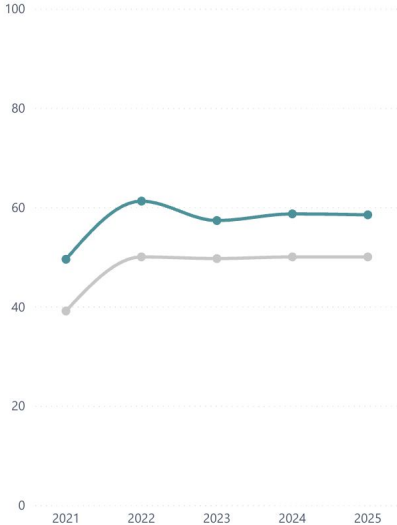
● State ● Available Schools



Avg SGP

Over Time - ELA

● State ● Available Schools

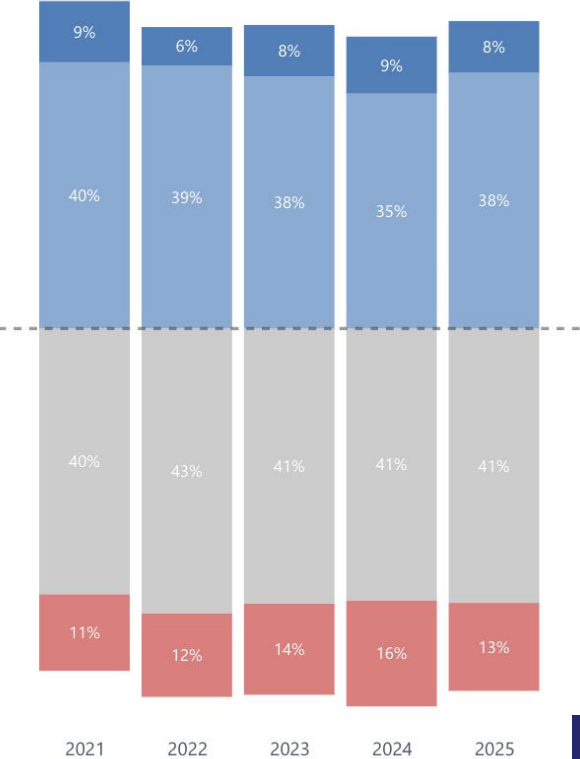


All Brookline Students

2025 District Wide ELA Data Grades 3-8 & 10

Performance Levels over Time - ELA

● Not Meeting ● Partially Meeting ● Meeting ● Exceeding



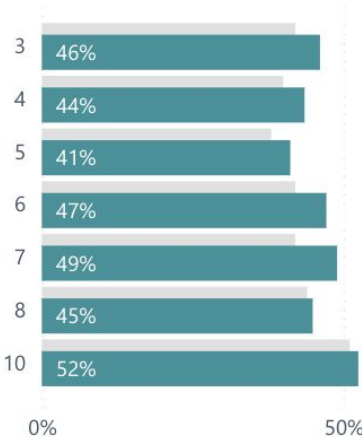
46%
Meets/Exceeds

497
Average Scaled Score

55.3
Average SGP

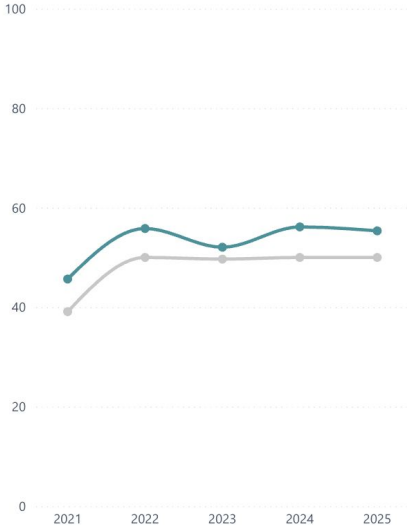
% Meet/Exceed by Grade Level - ELA

● State ● Available Schools



Avg SGP Over Time - ELA

● State ● Available Schools

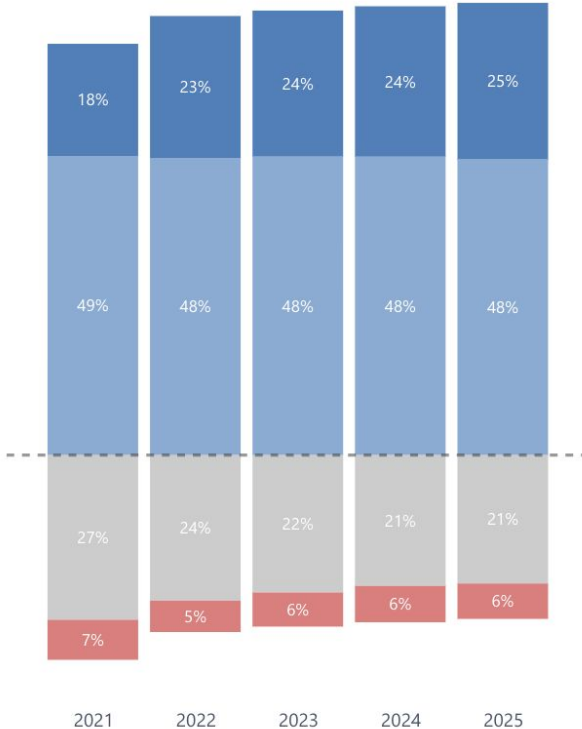


Brookline Students Identified as High Needs

2025 District Wide Math Data Grades 3-8 & 10

Performance Levels over Time - Math

● Not Meeting ● Partially Meeting ● Meeting ● Exceeding



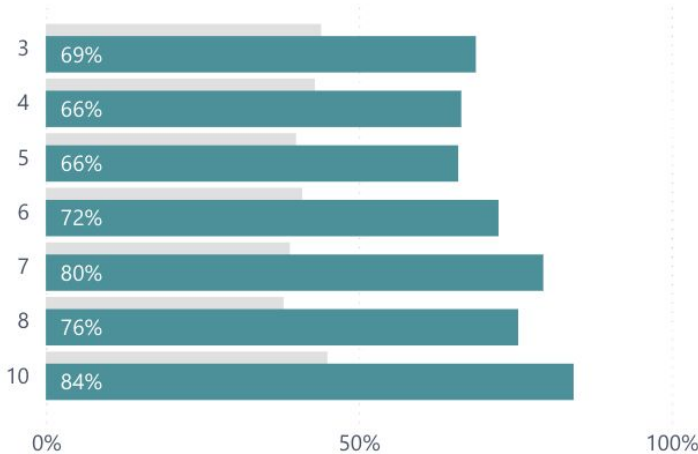
73%
Meets/Exceeds

514
Average Scaled Score

58.9
Average SGP

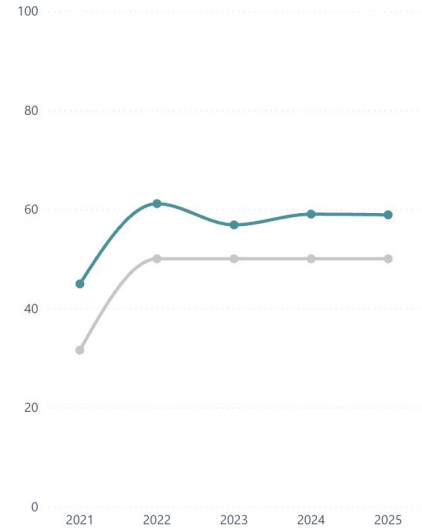
% Meet/Exceed by Grade Level - Math

● State ● Available Schools



Avg SGP Over Time - Math

● State ● Available Schools

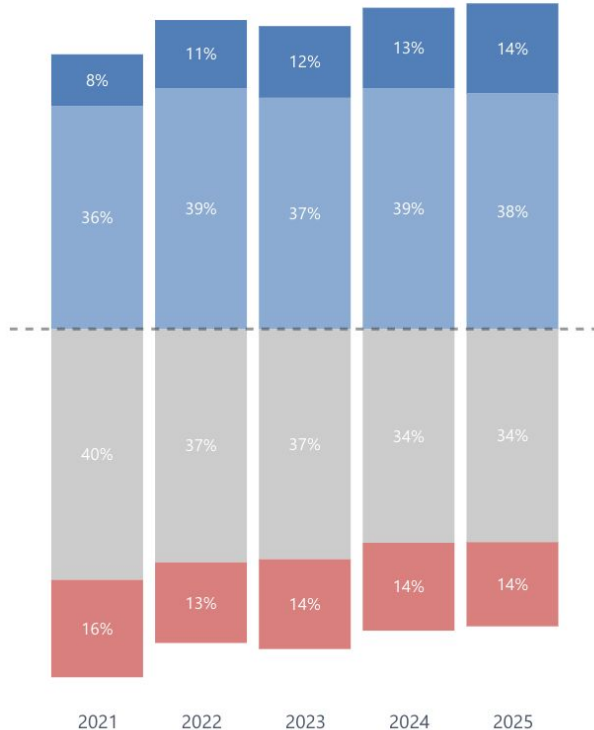


All Brookline Students

2025 District Wide Math Data Grades 3-8 & 10

Performance Levels over Time - Math

● Not Meeting ● Partially Meeting ● Meeting ● Exceeding



52%
Meets/Exceeds

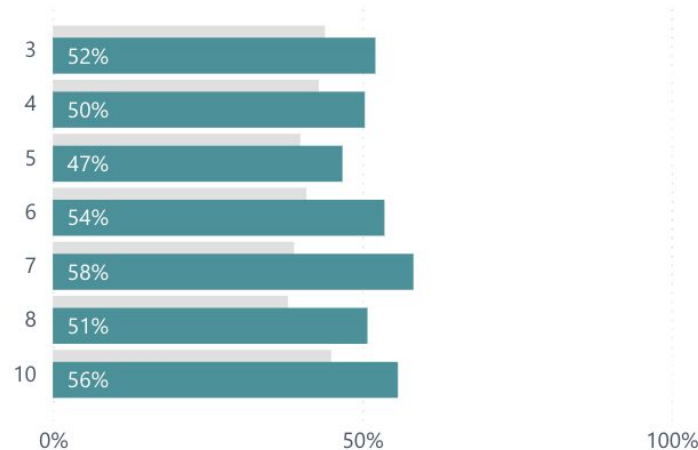
502
Average Scaled Score

58.3
Average SGP

% Meet/Exceed

by Grade Level - Math

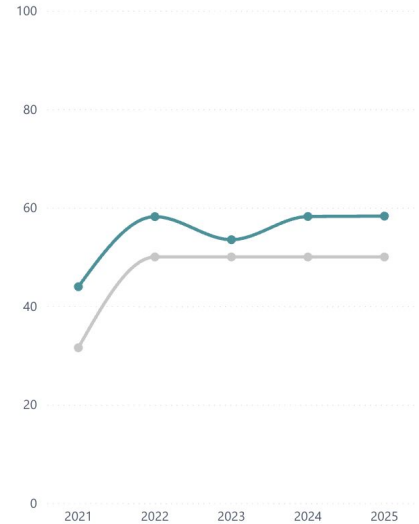
● State ● Available Schools



Avg SGP

Over Time - Math

● State ● Available Schools

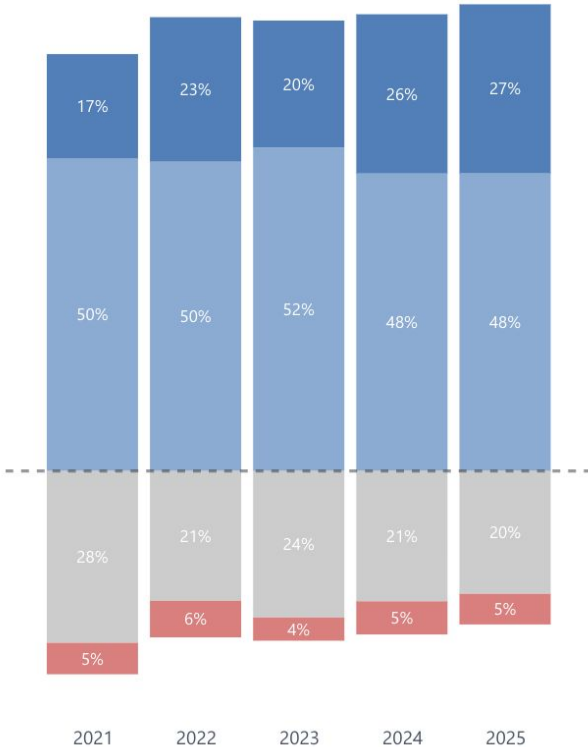


Brookline Students Identified as High Needs

2025 District Wide STE Data Grades 3-8 & 10

Performance Levels over Time - Science

● Not Meeting ● Partially Meeting ● Meeting ● Exceeding



75%
Meets/Exceeds

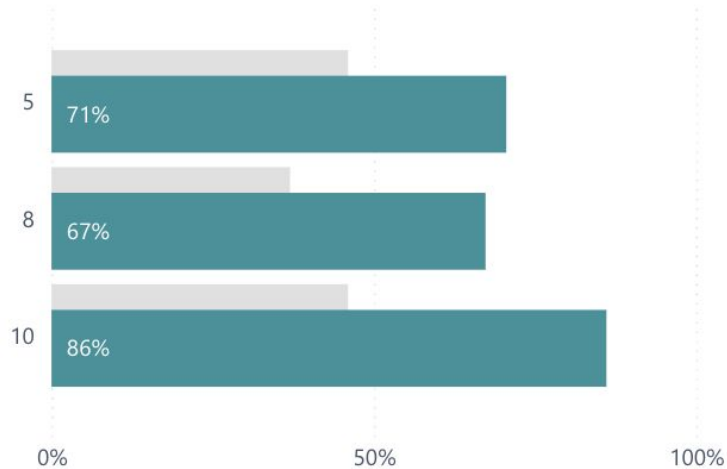
514
Average Scaled Score

**SGP Not
Reported**

% Meet/Exceed

by Grade Level - Science

● State ● Available Schools

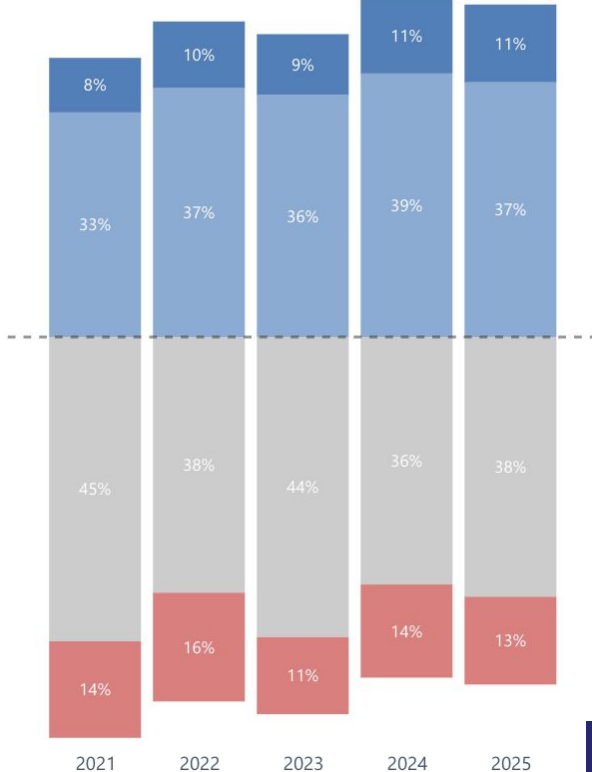


All Brookline Students

2025 District Wide STE Data Grades 3-8 & 10

Performance Levels over Time - Science

● Not Meeting ● Partially Meeting ● Meeting ● Exceeding



49%
Meets/Exceeds

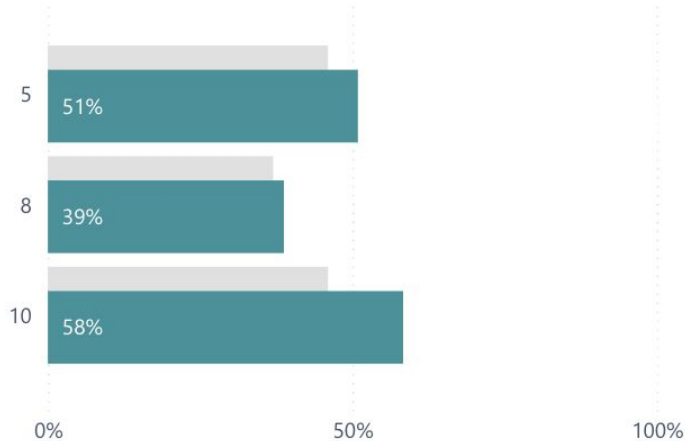
500
Average Scaled Score

**SGP Not
Reported**

% Meet/Exceed

by Grade Level - Science

● State ● Available Schools

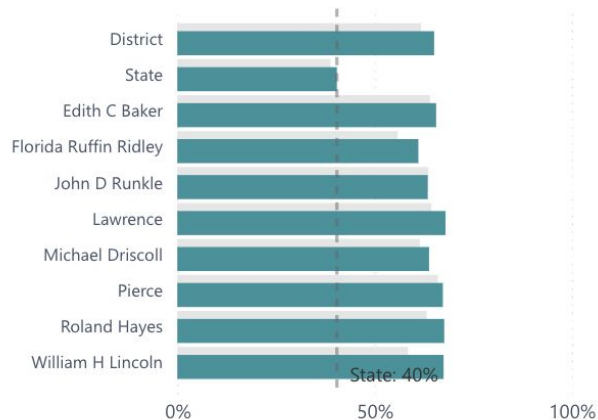


Brookline Students Identified as High Needs

Spring 2025 Performance Overview Grades 3-5

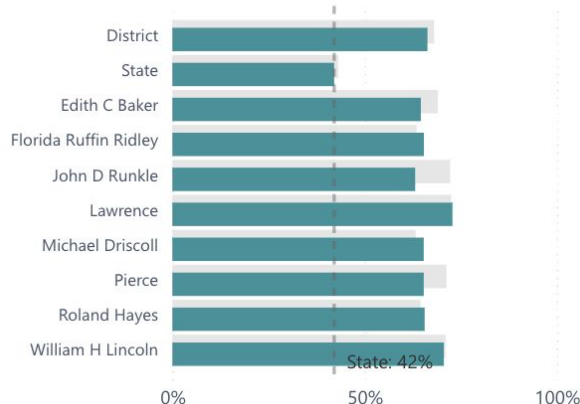
% Meet/Exceed by School - ELA

Prev. Year % M+E



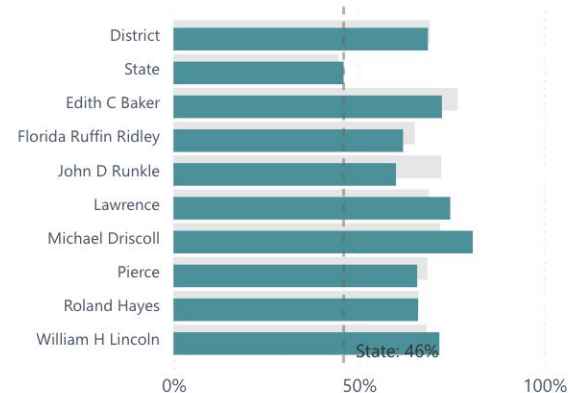
% Meet/Exceed by School - Math

Prev. Year % M+E



% Meet/Exceed by School - Science

Prev. Year % M+E



Average District Performance

65%
Meets/Exceeds

506
Average Scaled Score

59.5
Average SGP

67%
Meets/Exceeds

510
Average Scaled Score

58
Average SGP

71%
Meets/Exceeds

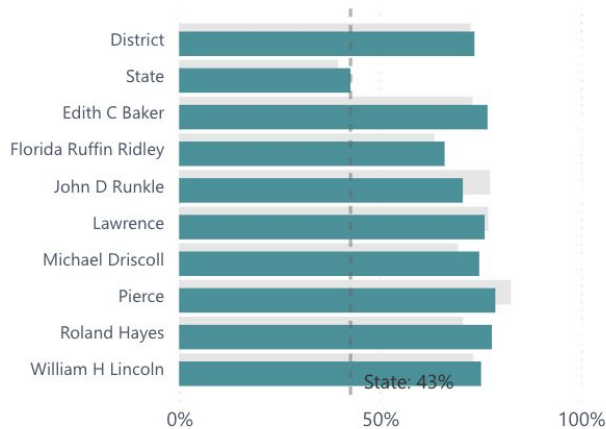
510
Average Scaled Score

Not Reported

Spring 2025 Performance Overview Grades 6-8

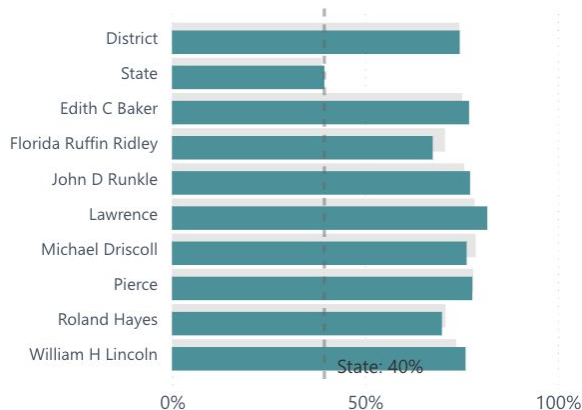
% Meet/Exceed by School - ELA

● Prev. Year ● % M+E



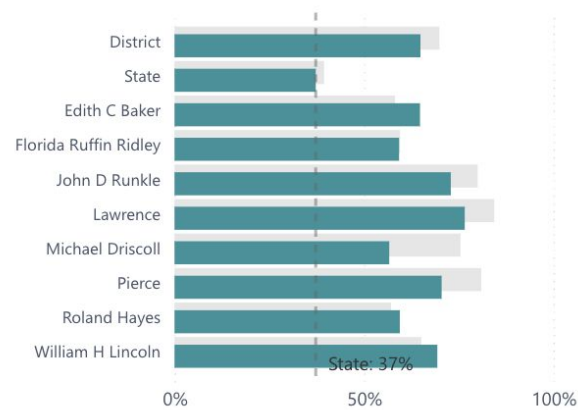
% Meet/Exceed by School - Math

● Prev. Year ● % M+E



% Meet/Exceed by School - Science

● Prev. Year ● % M+E



Average District Performance

74%
Meets/Exceeds

515
Average Scaled Score

60.1
Average SGP

76%
Meets/Exceeds

515
Average Scaled Score

62.6
Average SGP

67%
Meets/Exceeds

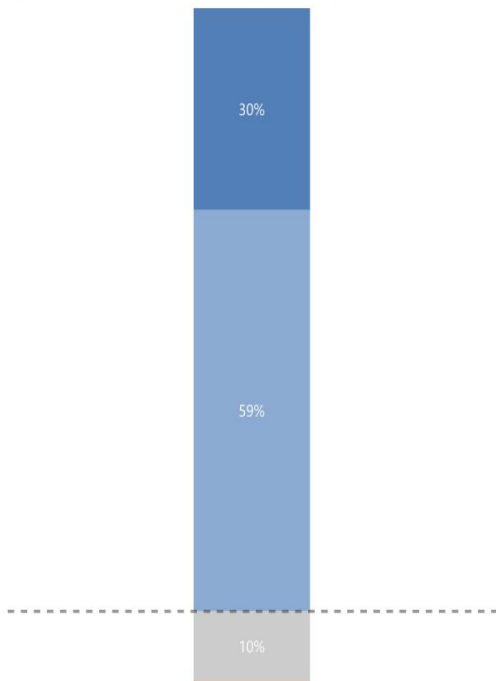
508
Average Scaled Score

Not Reported

Spring 2025 Civics Performance (Grade 8 Only)

Performance Levels over Time - Civics

● Not Meeting ● Partially Meeting ● Meeting ● Exceeding



2025

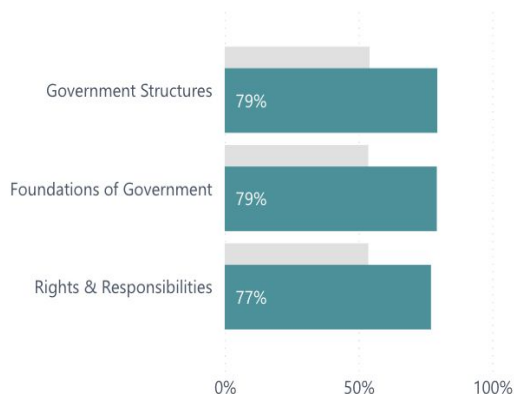
89%
Meets/Exceeds

522
Average Scaled Score

**SGP Not
Reported**

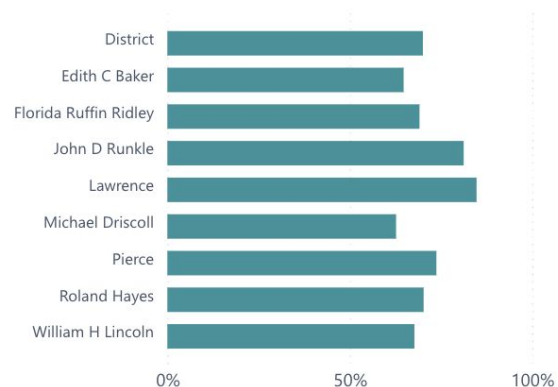
Average Percent Correct by Category - Civics

● State ● Available Schools

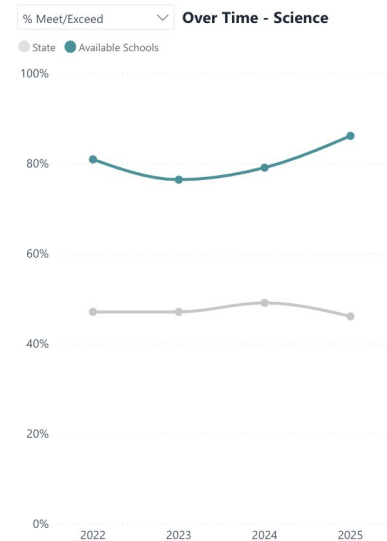
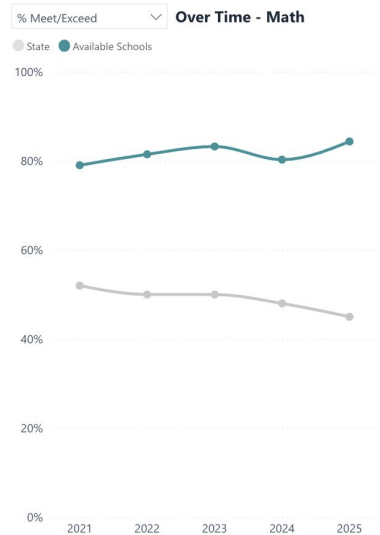


% Meet/Exceed by School - Civics

● Prev. Year ● % M+E



Spring 2025 Performance Overview High School



Average District Performance

83%
Meets/Exceeds

520
Average Scaled Score

51.9
Average SGP

84%
Meets/Exceeds

522
Average Scaled Score

50.2
Average SGP

86%
Meets/Exceeds

523
Average Scaled Score

Not Reported

Takeaways and Recommendations

- Brookline students continue to perform at high levels in all academic areas
 - Achievement remains well-above state averages
 - Our overall average student growth is above state averages often at the high-moderate level.
- Although, we are making some progress in areas identified in our by our strategic plan, we continue to have persistent achievement gaps among student groups
- Need for continued focus on our efforts related to district-wide alignment around identification and use of high-quality instructional materials
- Need for continued focus the development of a consistent and cohesive multi-tiered system of support (MTSS) including
 - Strong Tier 1 instructional practices and experiences for all students
 - Use of researched-based practices and student data to inform instruction and intervention
 - Resources and time for ongoing professional learning and collaboration in support of all students