

PUBLIC SCHOOLS of
BROOKLINE



PSB MCAS Results Spring 2021

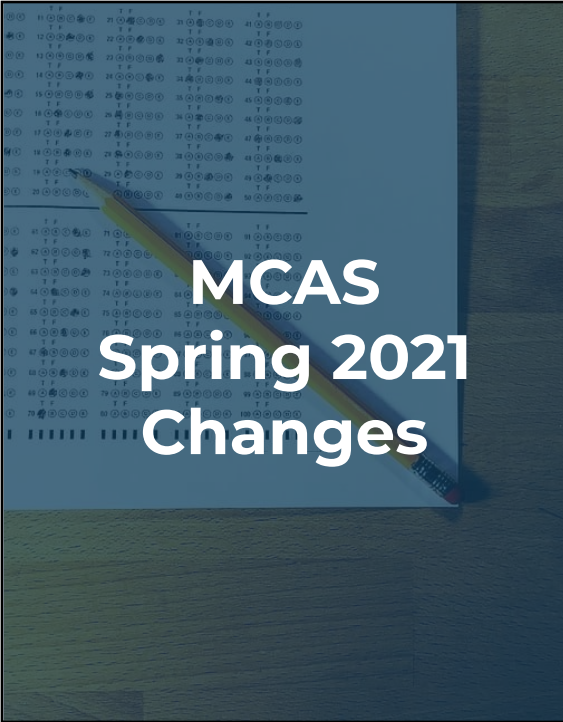
October 19, 2021

Agenda

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- Review MCAS changes for Spring 2021 assessment
- Report PSB MCAS results in ELA, Math & Science
- Highlight subgroup gaps
- Discuss actions for 2021-22 school year and beyond
- Questions



MCAS Spring 2021 Changes

Test Administration

- Extended timeline
- Grades 3-8 were randomly assigned 1 session of a regular 2 session test in all subject areas
- Remote and in-person testing
- Grade 10 = still 2 sessions in-school test

Results

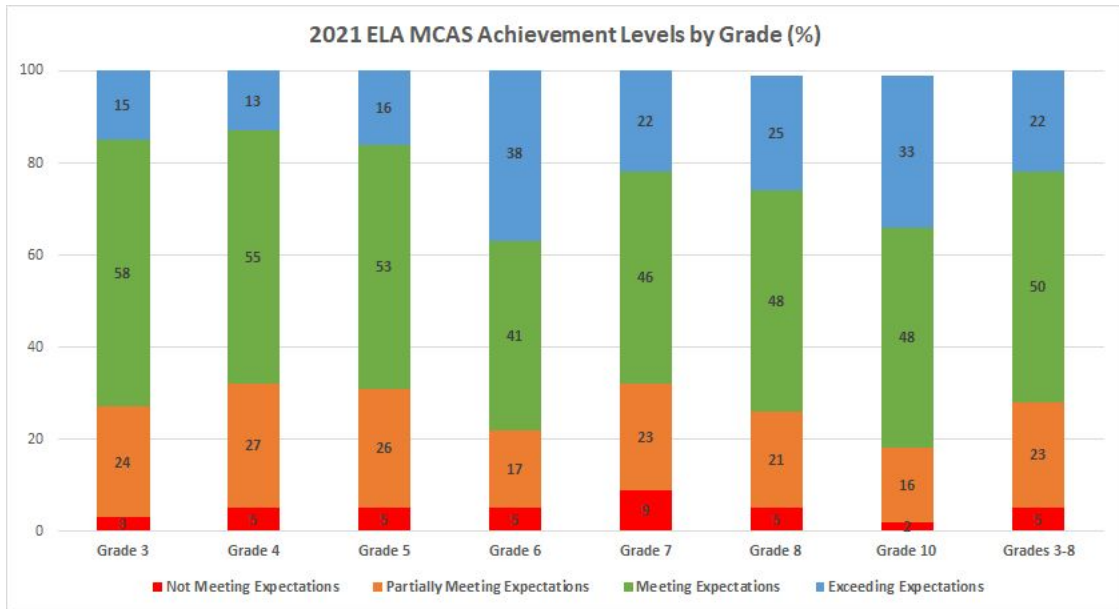
- SGP calculated using a 2-3 prior year baseline
- Updated parent/guardian reports
- Can/should be used diagnostically

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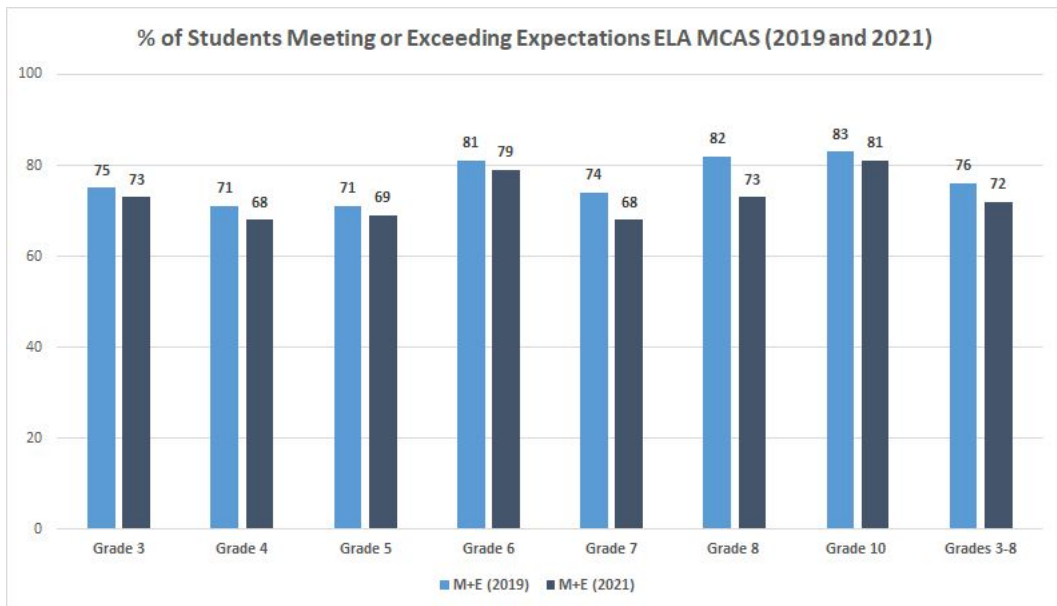
MCAS 2021 Results by Grade and Subject

- PSB students performed well overall and better than State averages
- On each assessment, the percent of students meeting grade level expectations was slightly lower than 2019
- A higher percentage of students scored *Partially Meets/Did Not Meet Expectations* in Math than in ELA

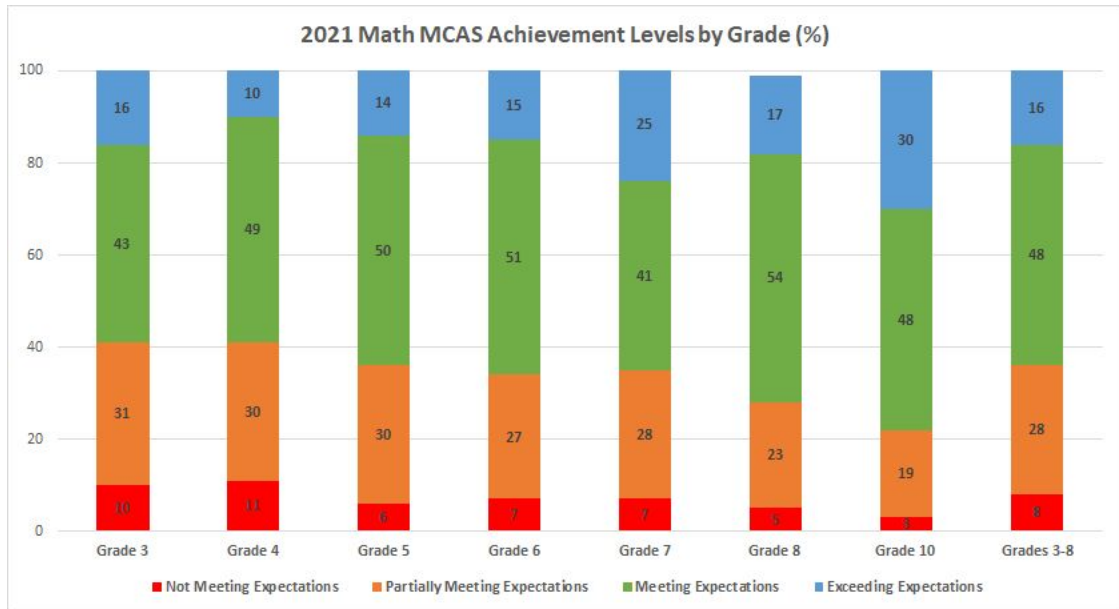




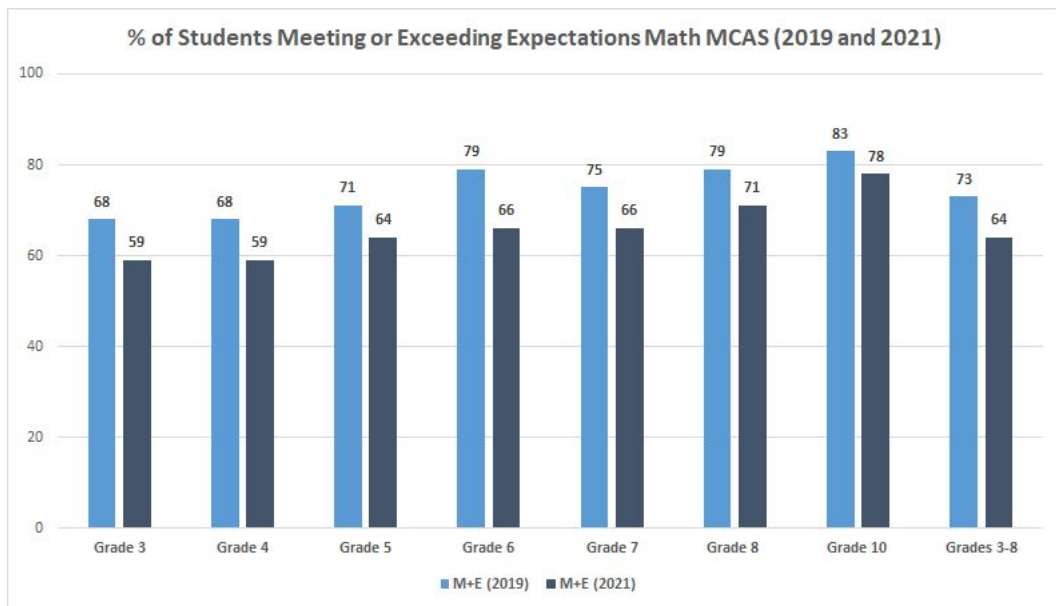
Source: DESE public website/Brookline assessment results



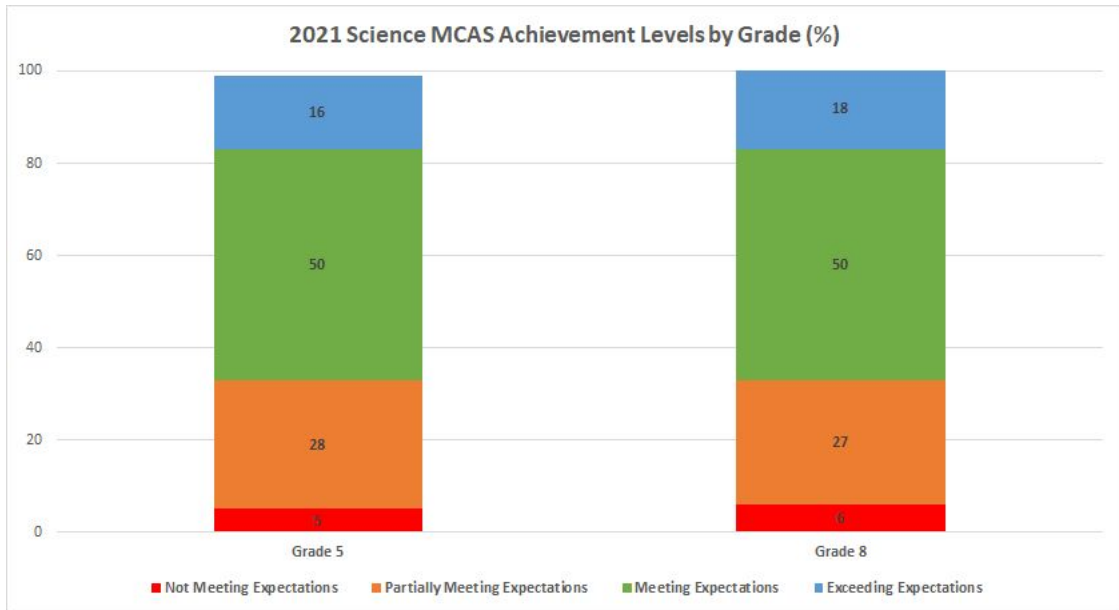
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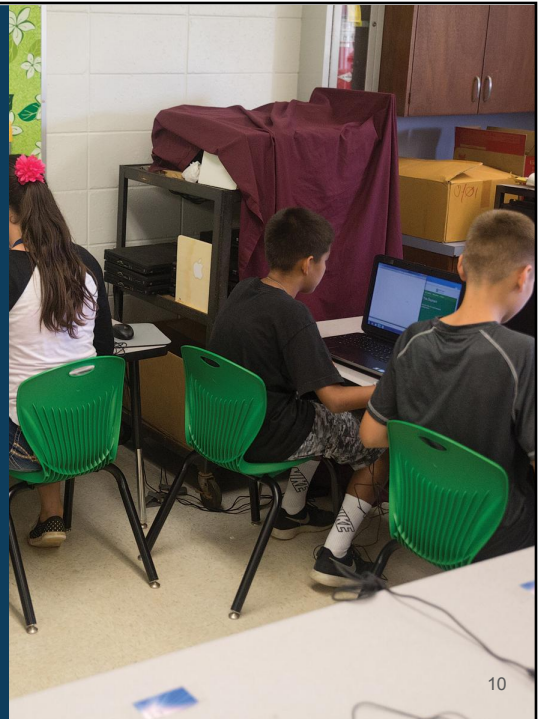
Source: DESE public website/Brookline assessment results



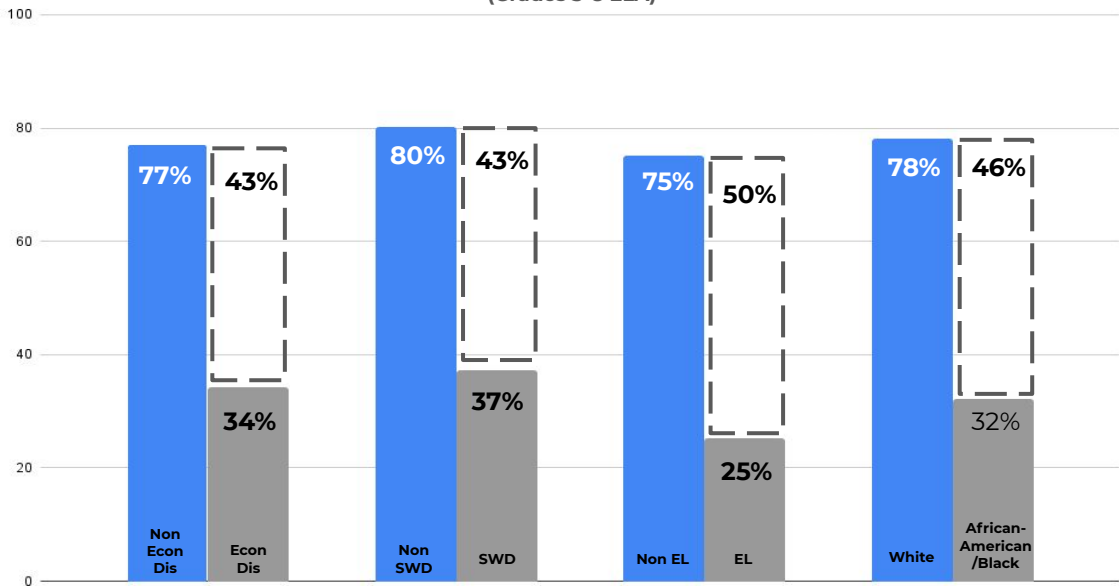
Source: DESE public website/Brookline assessment results
 *High School: Students not required to take the STE assessment

MCAS 2021 Results by Subgroup

- Subgroup gaps persist in performance level and growth (SGP) measures
- Achievement level gaps increased in almost all subgroups from 2019 to 2021
- Grade 10 Math growth for all students and subgroups reported in the *Low Growth* range

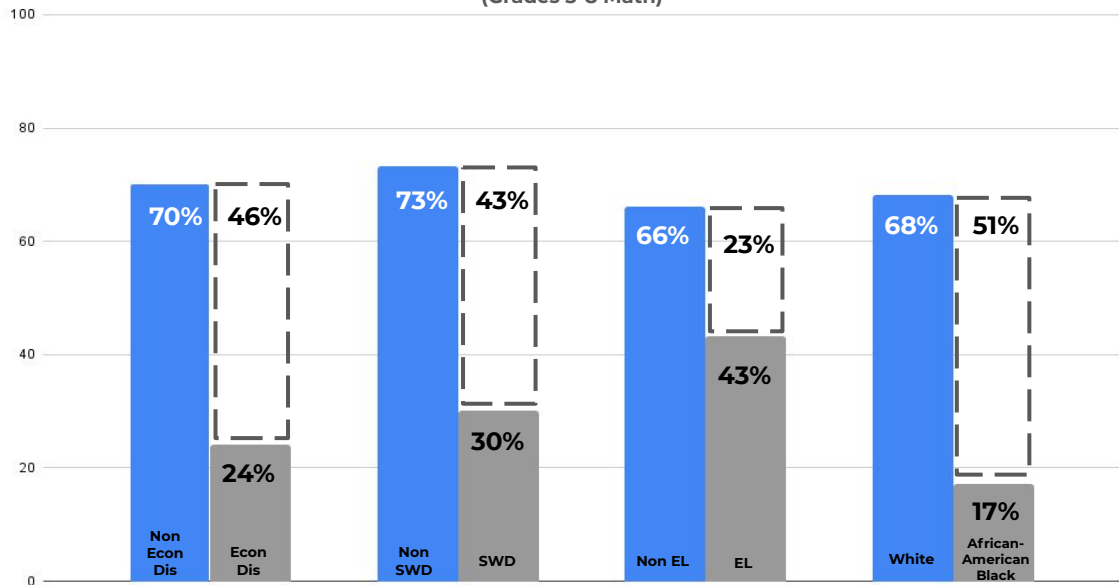


Percent of Students Meeting & Exceeding Expectations by Subgroup
(Grades 3-8 ELA)



Source: DESE public website/Brookline assessment results

Percent of Students Meeting & Exceeding Expectations by Subgroup
(Grades 3-8 Math)



Source: DESE public website/Brookline assessment results

Student Growth Percentile (SGP): ELA and Math by Subgroup

	Grades 3-8		Grade 10	
	ELA	Math	ELA	Math
All Students	51	47	45	37
Econ Dis	39	41	36	30
SWD	44	45	44	33
EL	40	54	--	--
African American/Black	40	42	37	34
Asian	53	53	42	37
Hispanic/Latino	46	43	39	36
White	51	46	47	37

Key

Low growth: <40

Typical Growth: 40-60

High Growth: >60

*Not enough EL students in Grade 10 took the assessment to report results publicly
Source: DESE public website/Brookline assessment results

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Next Steps: 2021 and Beyond

Foster a sense of belonging and partnership among students and families

- PreK-8 Clinicians (psychologists, school counselors, adjustment counselors, social workers collaborate with students, educators and families to build a sense of belonging (OSS)
- Establish strong systems for building relationships and supporting SEL (OSS)
- Provide focused PD on culturally responsive practices. (OSS/OE/OTL)

Source: Acceleration Roadmap (2021) by TNTP, Inc. and the Massachusetts Department of Elementary and Secondary Education, available at <https://www.doe.mass.edu/covid19/on-desktop/roadmap>.

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Next Steps: 2021 and Beyond

Continuously monitor students' understanding

- Adopt high quality curriculum with embedded unit assessments. (OTL)
- Provide professional development to school leaders on data analysis. (OTL, OSS, SP, OE)

Source: Acceleration Roadmap (2021) by TNTP, Inc. and the Massachusetts Department of Elementary and Secondary Education, available at <https://www.doe.mass.edu/covid19/on-desktop/roadmap>.

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Next Steps: 2021 and Beyond

Ensure strong grade-appropriate instruction with just-in-time scaffolds when they are needed.

- Conduct a culturally responsive audit of materials. (OTL)
- Provide focused PD on curriculum adoption and observation-feedback. (OTL)
- Provide pacing guides to address essential skill or knowledge gaps while maintaining focus on grade-level work. Collect Educator feedback of curriculum documents. (OTL)

Source: Acceleration Roadmap (2021) by TNTP, Inc. and the Massachusetts Department of Elementary and Secondary Education, available at <https://www.doe.mass.edu/covid19/on-desktop/roadmap>.

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QUESTIONS?