




MCAS Results Spring 2022

Dedham Public Schools
Office of Curriculum, Instruction, and Assessment
October 19, 2022



- First “standard” MCAS administration since 2019
- 2022 is our new baseline
- Non-standard issues impacting performance
 - ◆ Changes to testing format
 - ◆ Changes in standards tested
 - ◆ Changes to accountability metrics
 - ◆ COVID

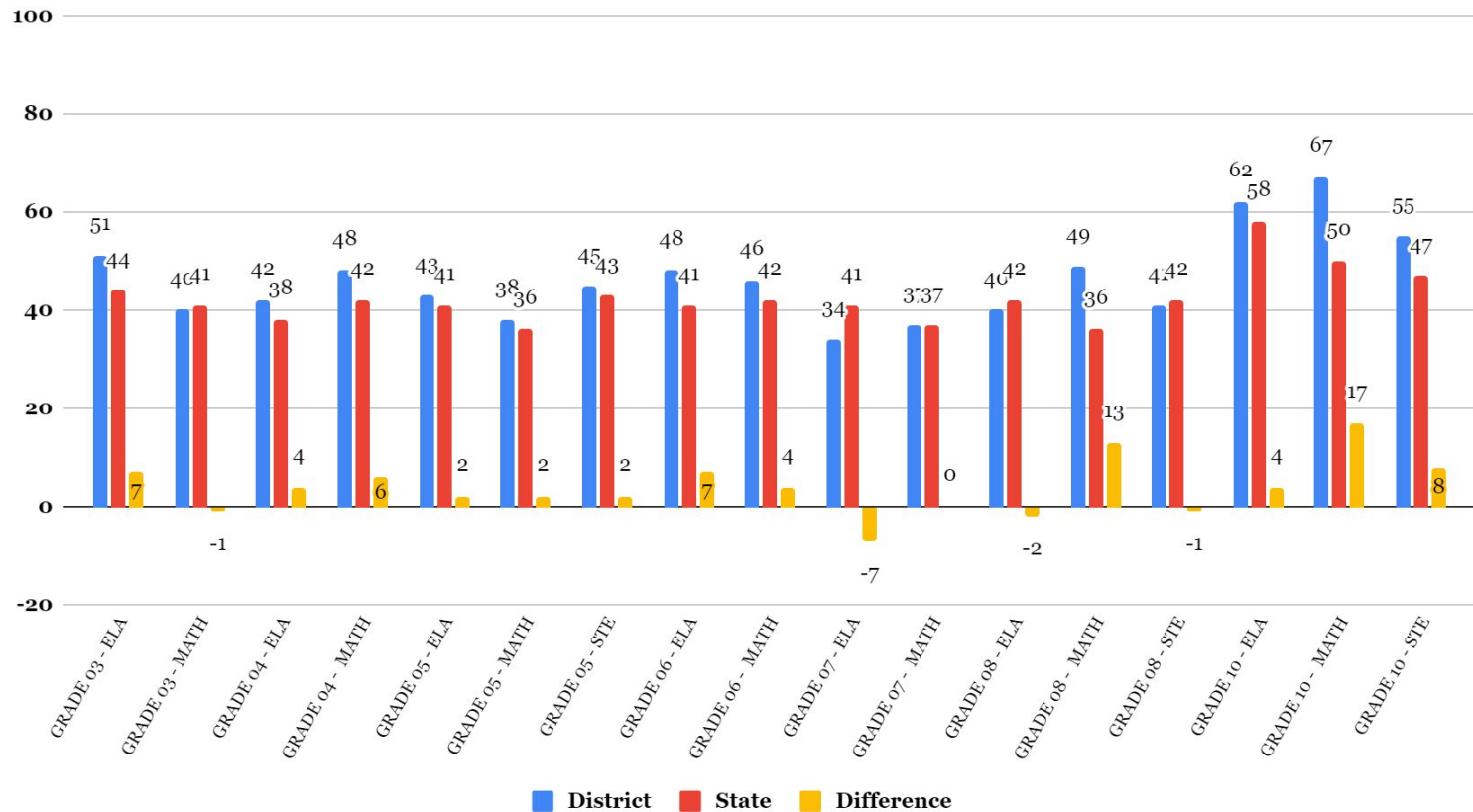
	2015	2016	2017	2018	2019 (3)	2020 (10)	2021	2022
Grade 3	Legacy MCAS PBT	PARCC CBT	Next Gen MCAS PBT	Next Gen MCAS CBT	Next Gen MCAS CBT	No Testing	Next Gen MCAS CBT Modified**	Next Gen MCAS CBT
Grade 4		PARCC CBT	Next Gen MCAS CBT	Next Gen MCAS CBT	Next Gen MCAS CBT	No Testing	Next Gen MCAS CBT Modified	Next Gen MCAS CBT
Grade 5			Next Gen MCAS PBT	Next Gen MCAS CBT	Next Gen MCAS CBT	No Testing	Next Gen MCAS CBT Modified	Next Gen MCAS CBT
Grade 6				Next Gen MCAS CBT	Next Gen MCAS CBT	No Testing	Next Gen MCAS CBT Modified	Next Gen MCAS CBT
Grade 7	PBT = Paper Based Test CBT = Computer Based Test ** Modified = ½ test				Next Gen MCAS CBT	No Testing	Next Gen MCAS CBT Modified	Next Gen MCAS CBT
Grade 8							No Testing	Next Gen MCAS CBT Modified
Grade 9							Legacy Science PBT	Next Gen Science PBT
Grade 10								Next Gen MCAS CBT

Spring 2022 MCAS Results - Statewide Trends

1. Mathematics in Grades 3-8 results trending slightly up.
2. ELA results in grades 3-8 across the state dropped.
 - a. Meeting and Exceeding Expectations
 - i. 50% of students statewide precovid
 - ii. 40% of students statewide post covid
 - b. Writing and Composition Grades 3-8
 - i. Historically low performance in writing.
 - ii. 2019 - 19% of students scored 0/7 possible points on long compositions portion.
 - iii. 2022 - 31% of students scored 0/7 possible points on long compositions
3. Disproportionate impact on high needs students and children in grades 3-5.

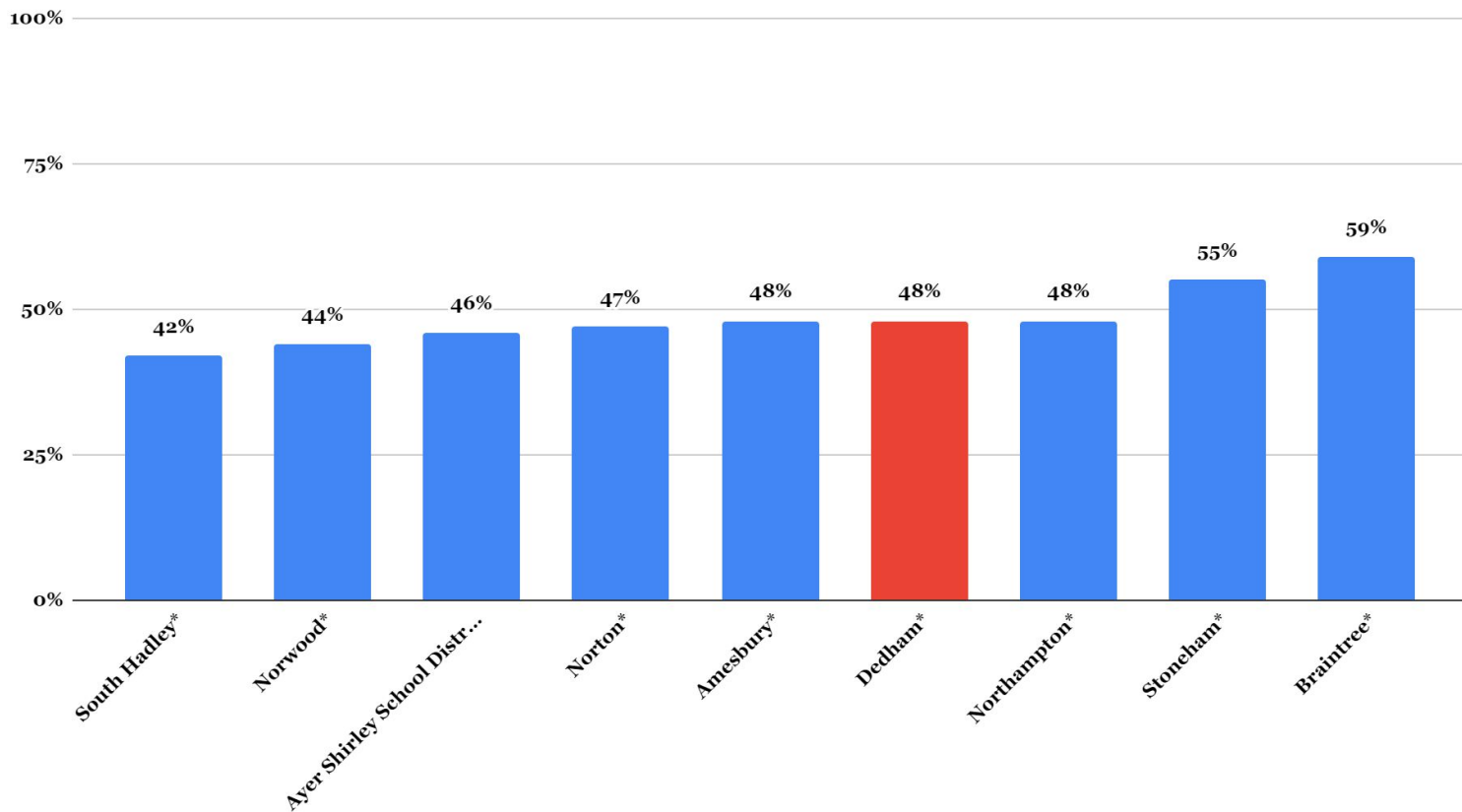
Statewide Context

MCAS Spring 2022 - % of Students Meeting and Exceeding Expectations



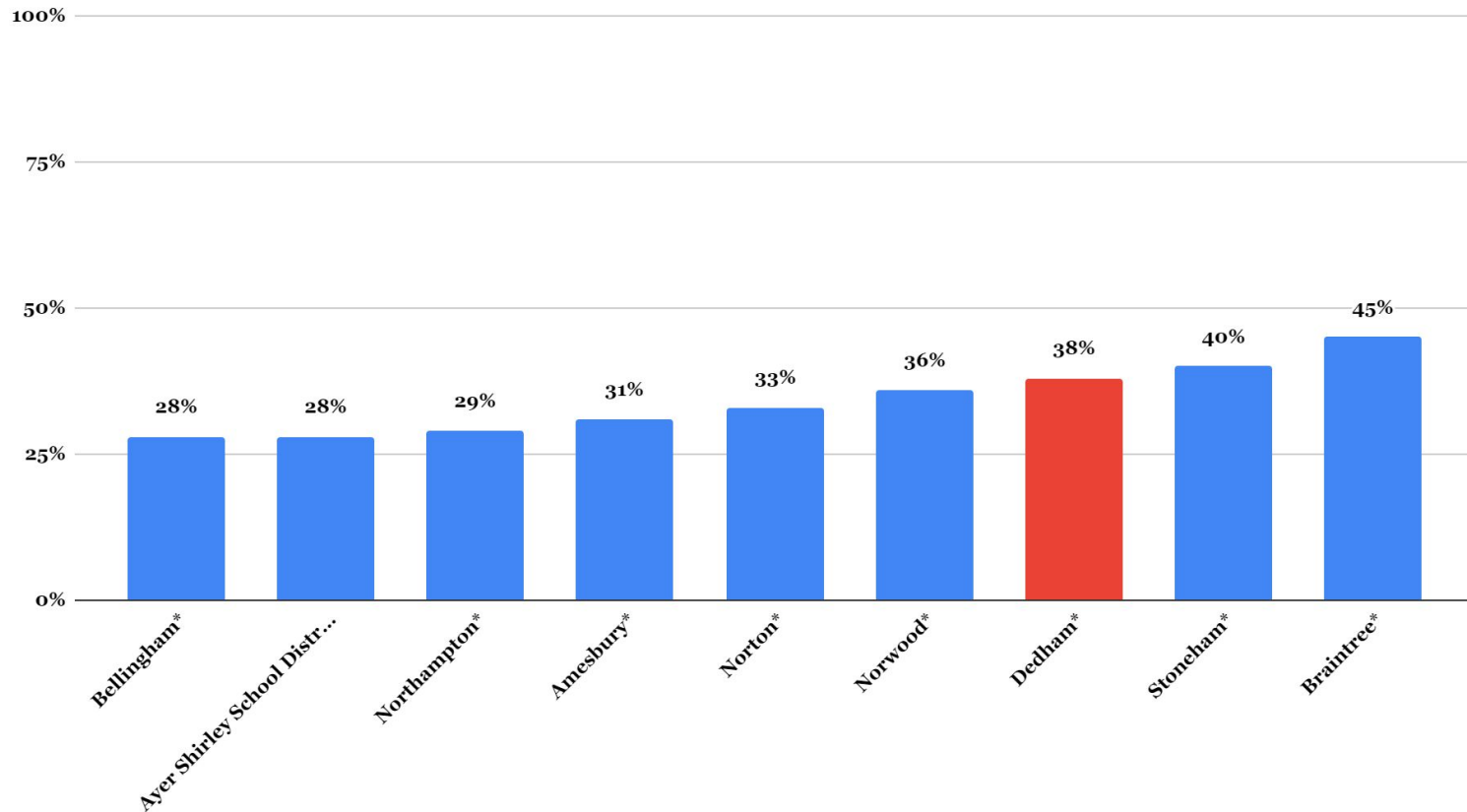
Like Districts - DART

MCAS Spring 2022 - Grades 3-8 ELA - % of Students Meeting and Exceeding



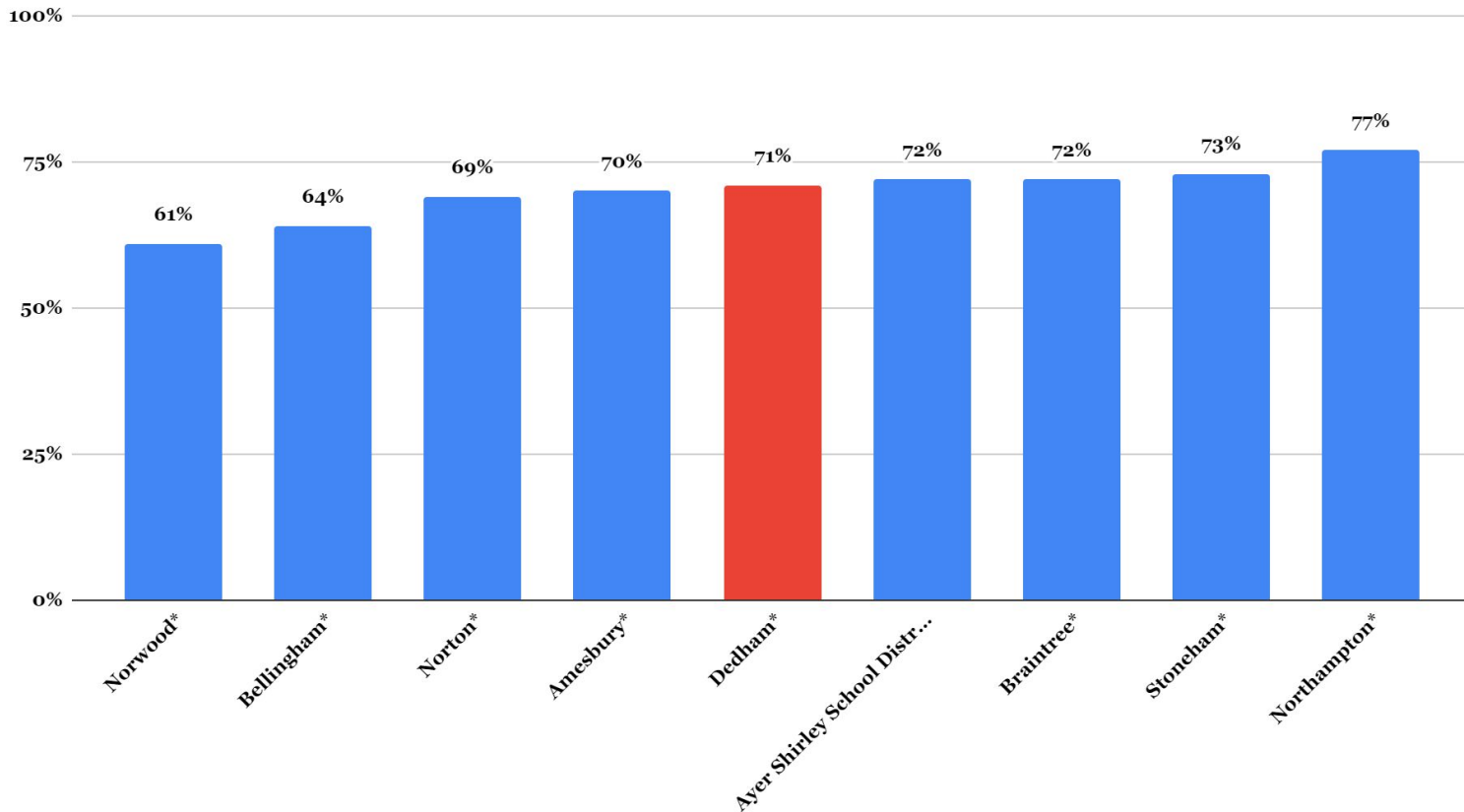
Like Districts - DART

MCAS Spring 2022 - Grades 3-8 Math - % of Students Meeting and Exceeding



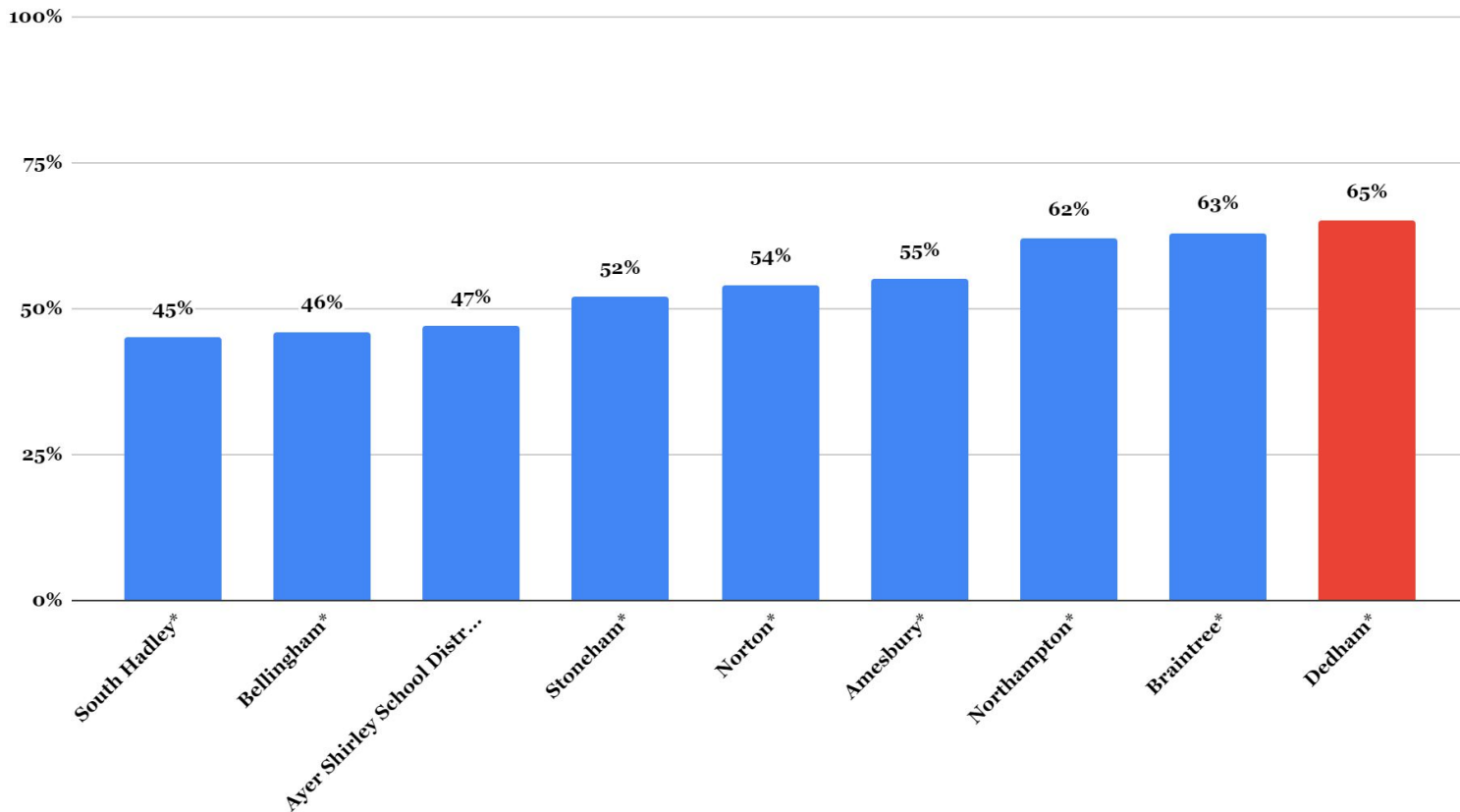
Like Districts - DART

MCAS Spring 2022 - Grades 10 ELA - % of Students Meeting and Exceeding



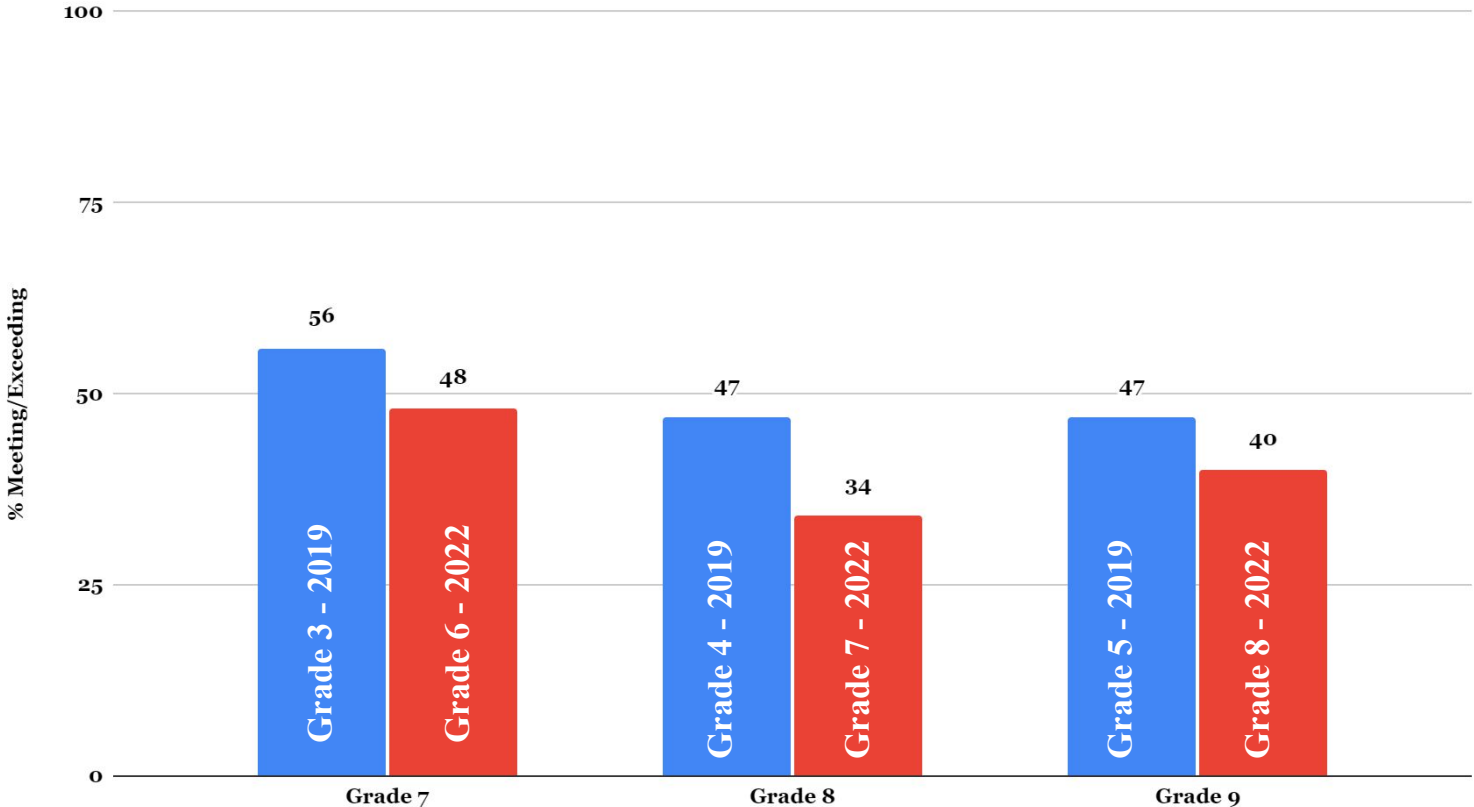
Like Districts - DART

MCAS Spring 2022 - Grades 10 Math - % of Students Meeting and Exceeding



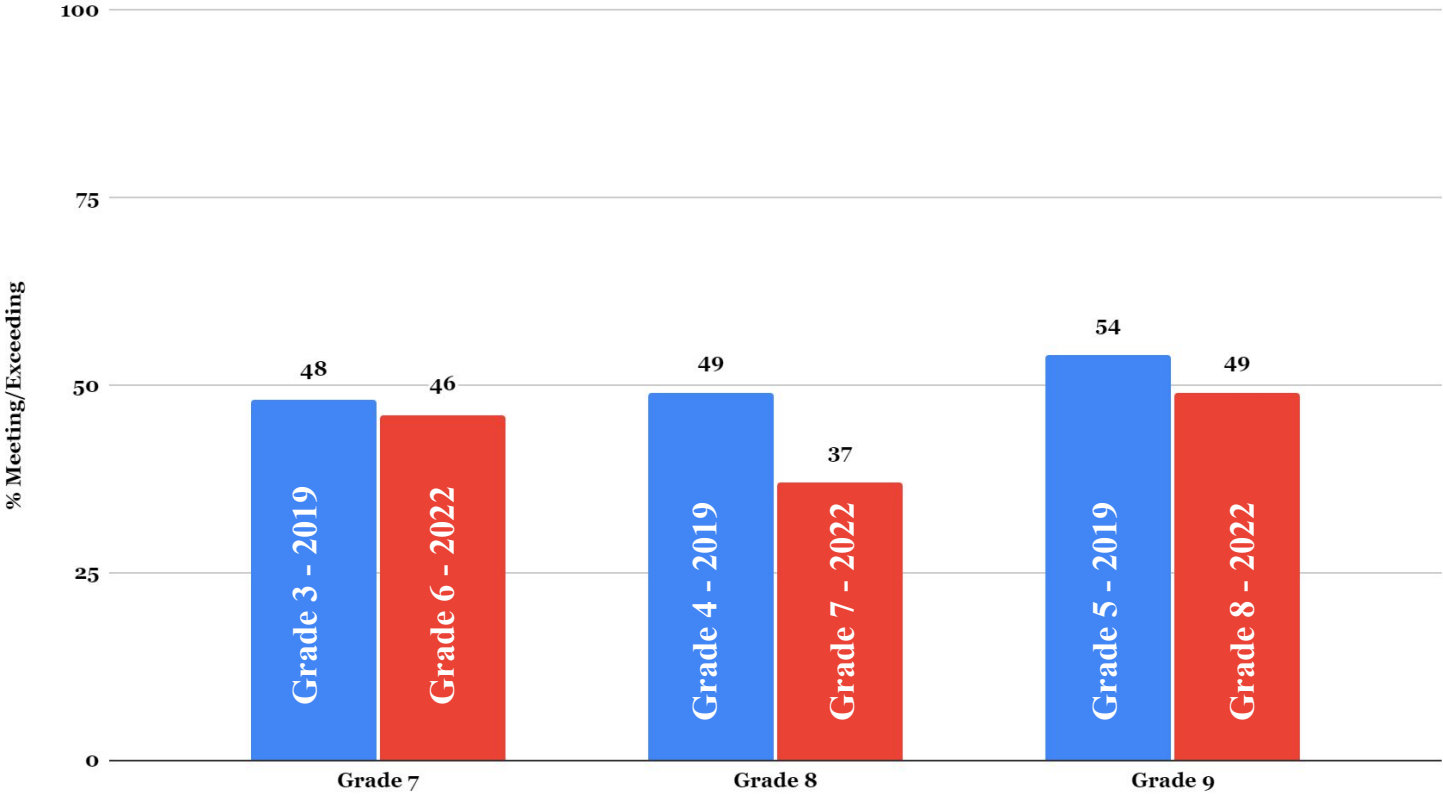
Dedham and COVID Impact

MCAS - ELA - Pre/Post COVID - % of Students Meeting/Exceeding Expectations



Dedham and COVID Impact

MCAS - Math - Pre/Post COVID - % of Students Meeting/Exceeding Expectations



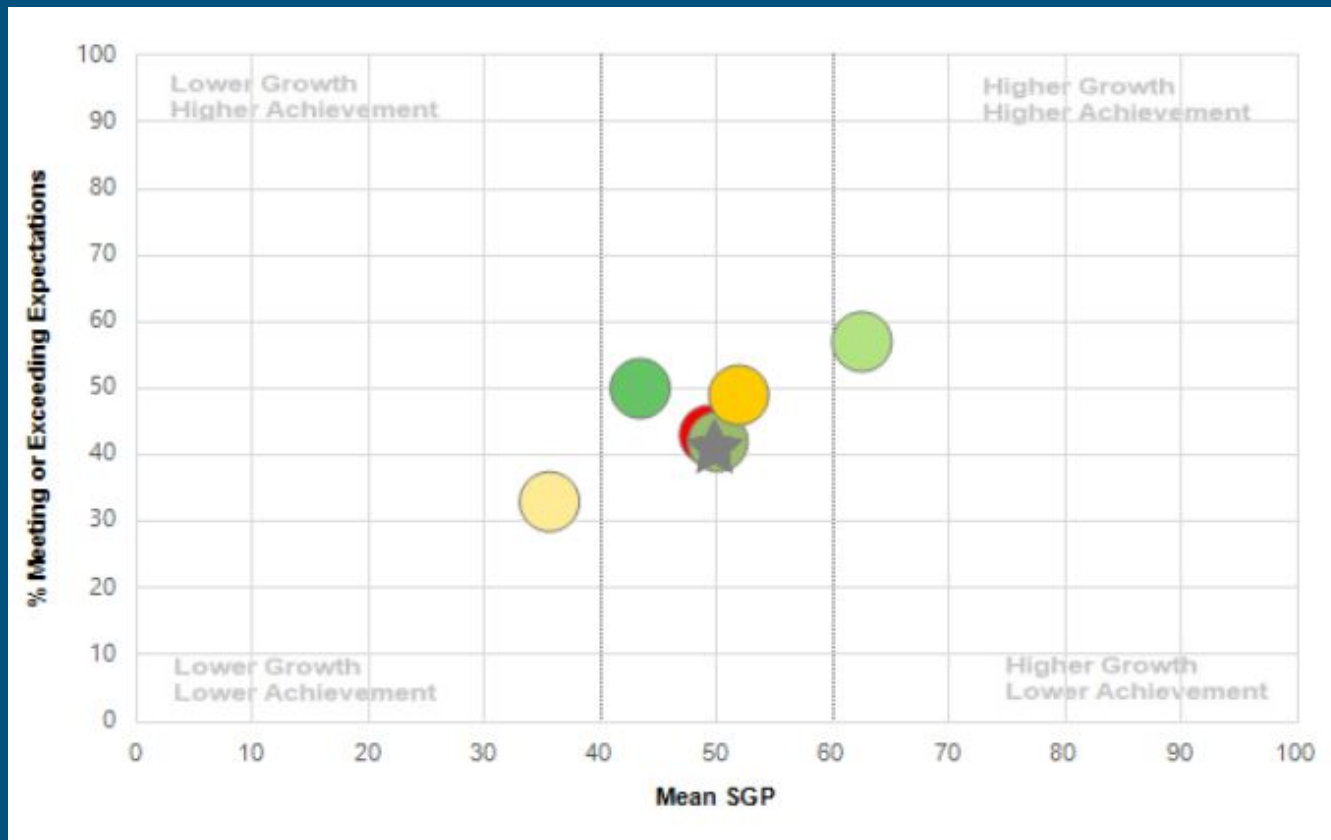
Disproportionate COVID Impact - Dedham

Grades 3-8 ELA

Achievement and Growth

Younger Students

High Needs Students



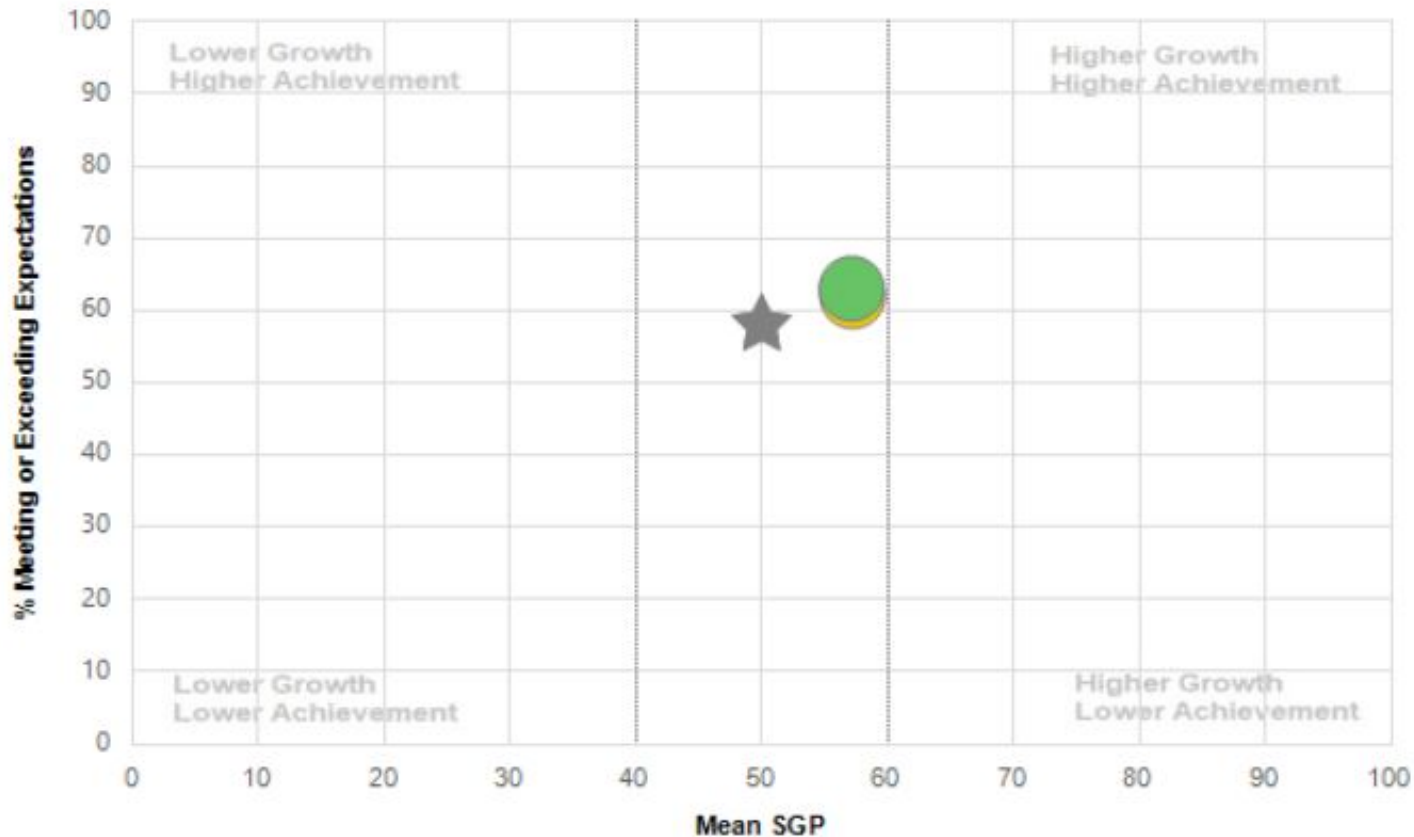
Disproportionate COVID Impact - Dedham

Grades 3-8 Math



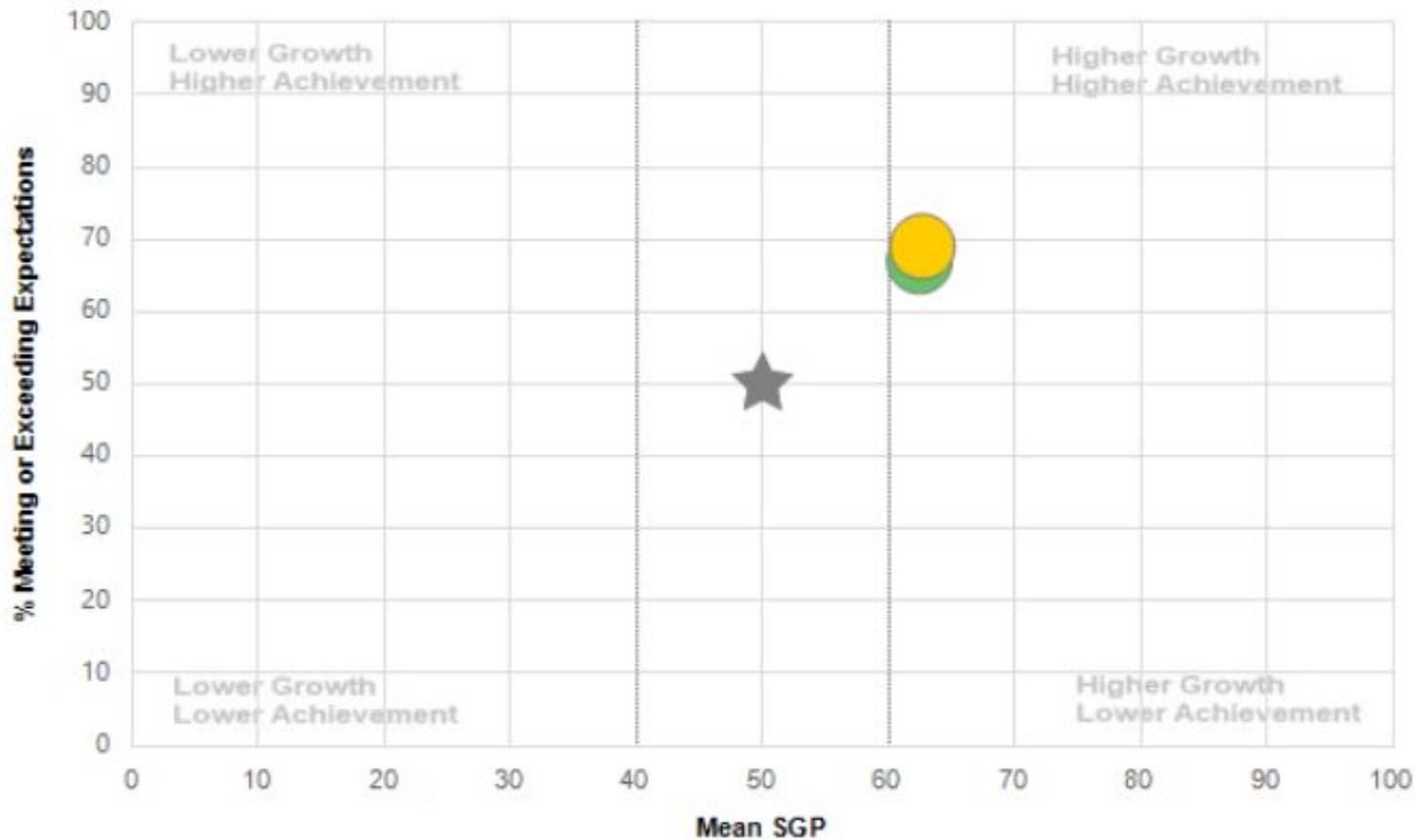
Disproportionate Impact

Grade 10 ELA



Disproportionate Impact

Grade 10 Math



Accountability

	2018	2019	2020	2021	2022	+/- **
Avery	33	24	-	-	23	-10
Riverdale	72	64	-	-	52	-20
Oakdale	70	67	-	-	67	-3
Greenlodge	77	65	-	-	78	+1
DMS	22	34	-	-	46	+23
DHS	23	56	-	-	58	+35

Factors

- Achievement
- Growth
- Chronic Absenteeism
- EL Progress
- AP Participation
- Graduation Rates

Moving Forward: Immediate

- Review and analyze results by grade level/department at all schools
- Grade level and department level teams use data to modify/adjust pacing and instruction
- Individual educator use of existing curriculum and intervention resources to improve learning outcomes
- Ensure that students throughout the district are engaging in writing throughout the school day/year in all content areas

Moving Forward: Long Term

- Increasing access to learning opportunities in before/after school settings
- Increase access to engaging summer academic programming
- Focus outreach and resources on high needs students and families
- Data accessibility for educators and families
- Set clear and measurable targets for the quality and quantity of student writing across the curriculum