

NORWELL PUBLIC SCHOOLS



Office of Instruction
2024 MCAS and Accountability

October 21, 2024

Agenda

- MCAS Results and Trends
- State Accountability Updates and Results
- Takeaways and Moving Forward

MCAS - State

- State ELA results show lower achievement in all grades from 2023
- State Math results show improved achievement in 3rd grade amongst relatively flat results in most grades
- State Science results show improved achievement in grades 5 and 10 with lower achievement in grade 8

MCAS - Norwell



- Norwell grades 3-8 trends and district comparisons
- Norwell grade 10 trends and district comparisons

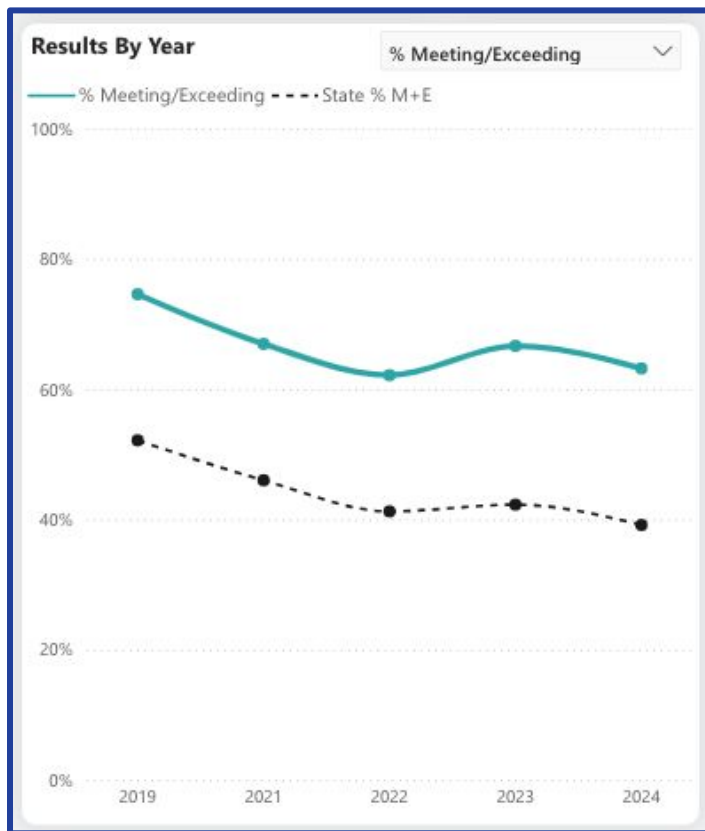
MCAS ELA Trends Grades 3-8

3-8 ELA

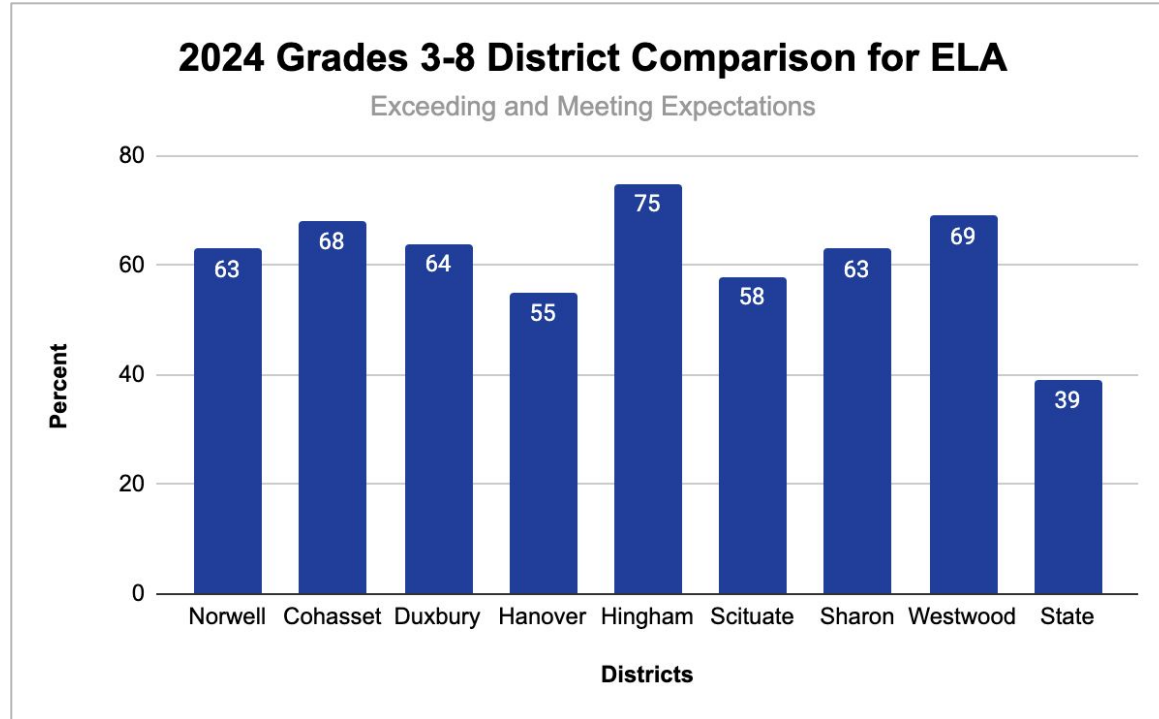
% Students Meeting/Exceeding

63%

↓ -3% vs. previous year
↑ +24% vs. state average



District Comparison - ELA



MCAS Math Trends Grades 3-8

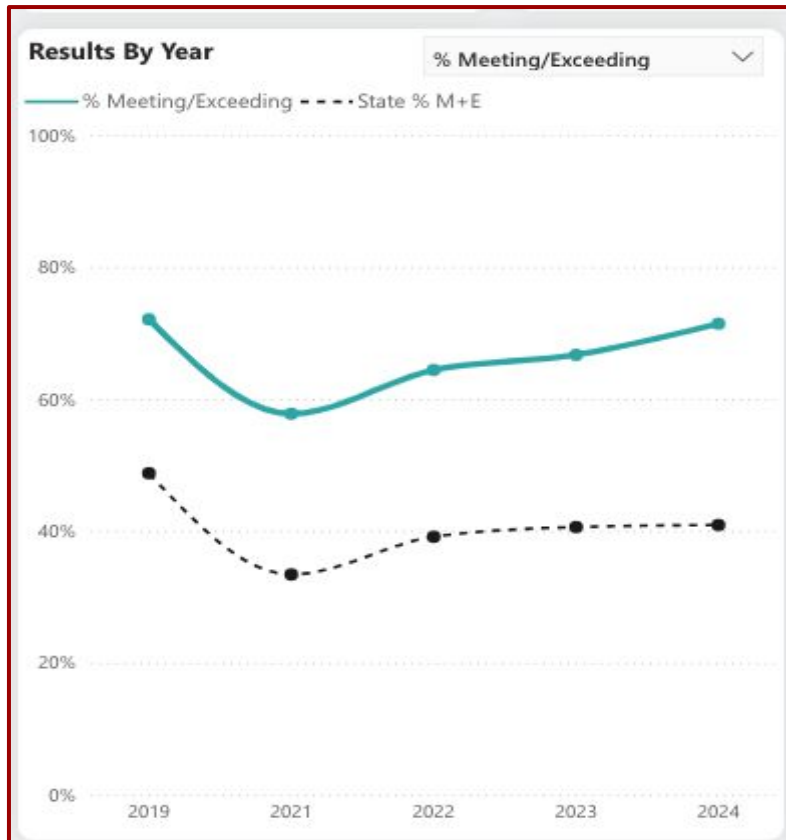
3-8 Math

% Students Meeting/Exceeding

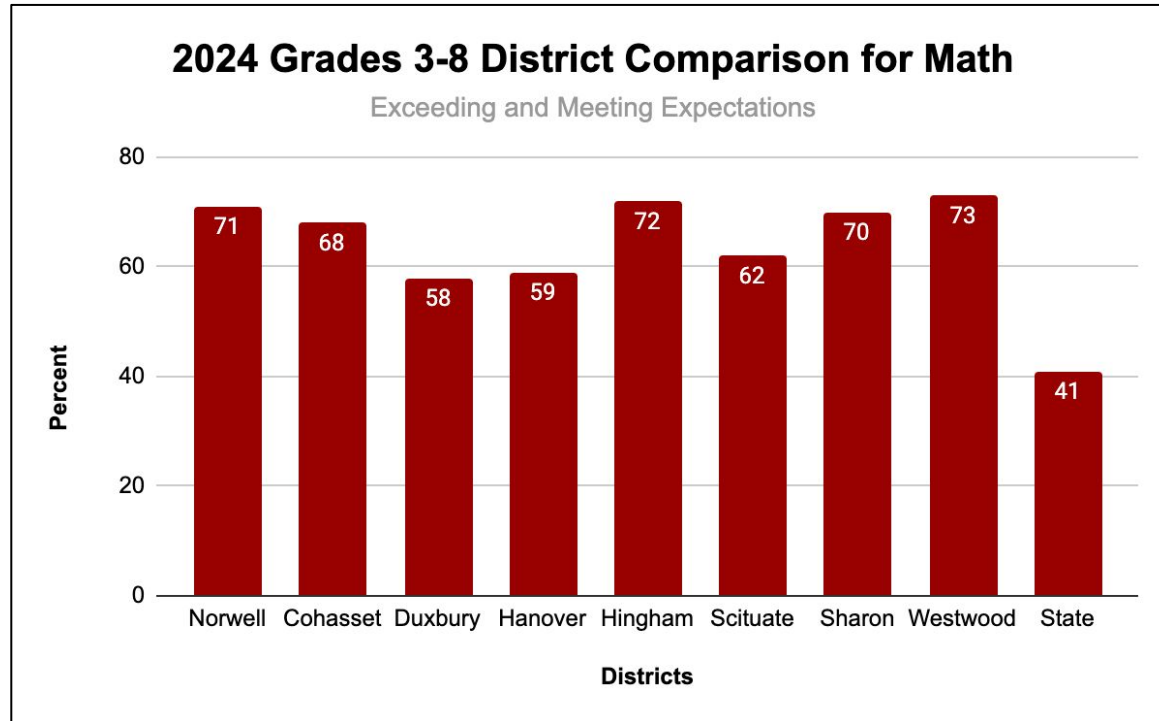
71%

↑ +5% vs. previous year

↑ +31% vs. state average



District Comparison - Math



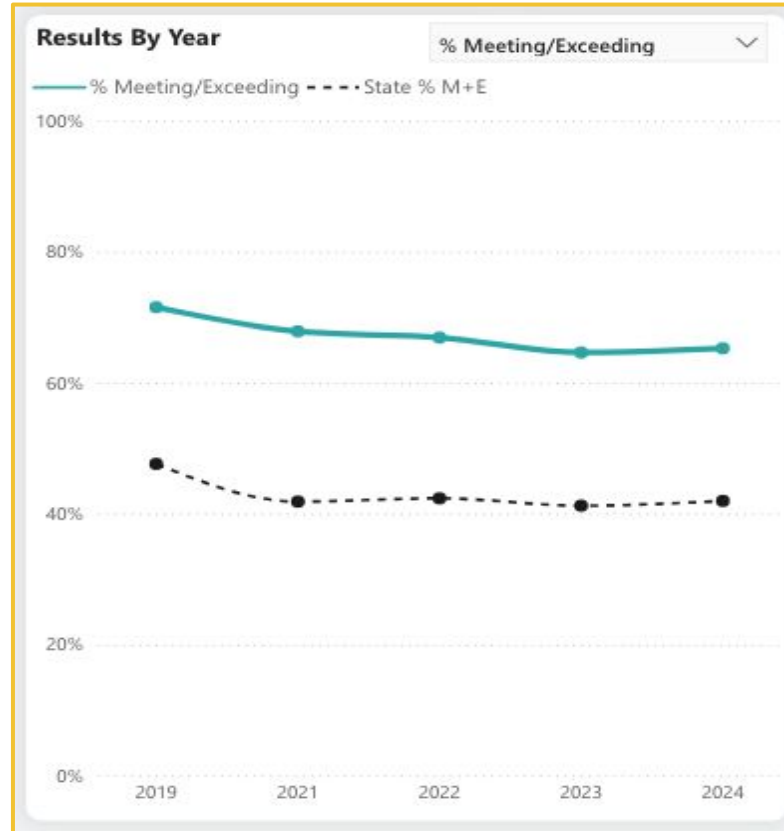
MCAS Science Trends Grades 5 & 8

5 & 8 Science

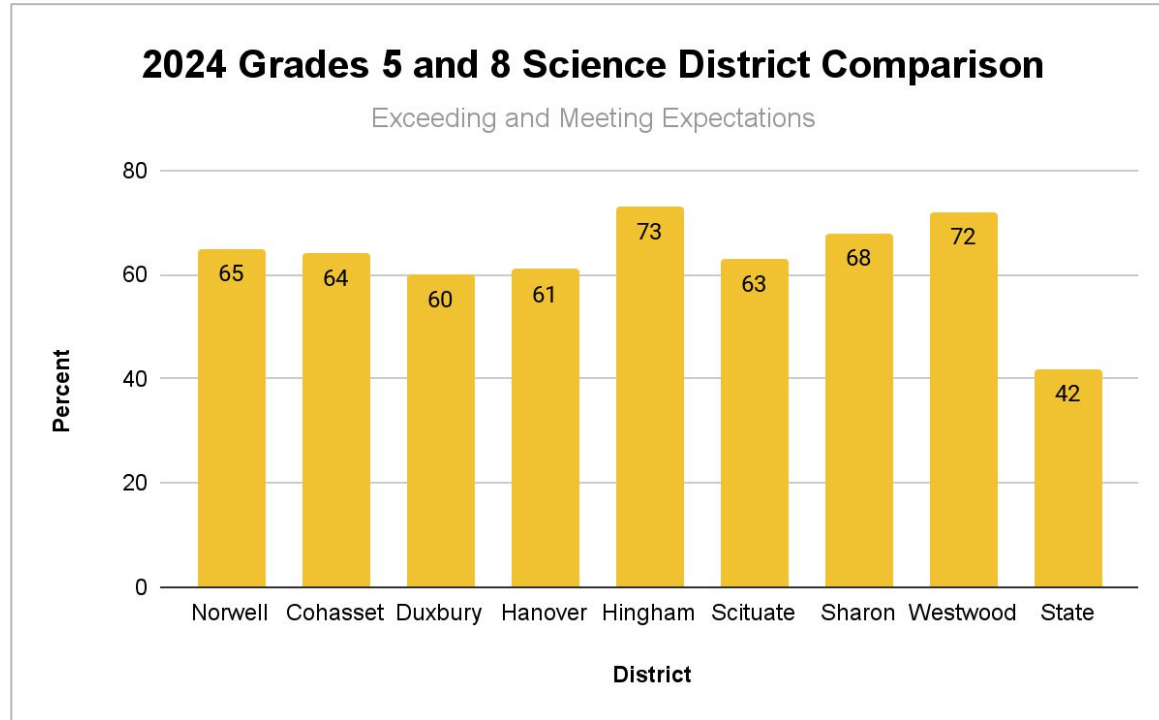
% Students Meeting/Exceeding

65%

↑ +1% vs. previous year
↑ +23% vs. state average



District Comparison - Science



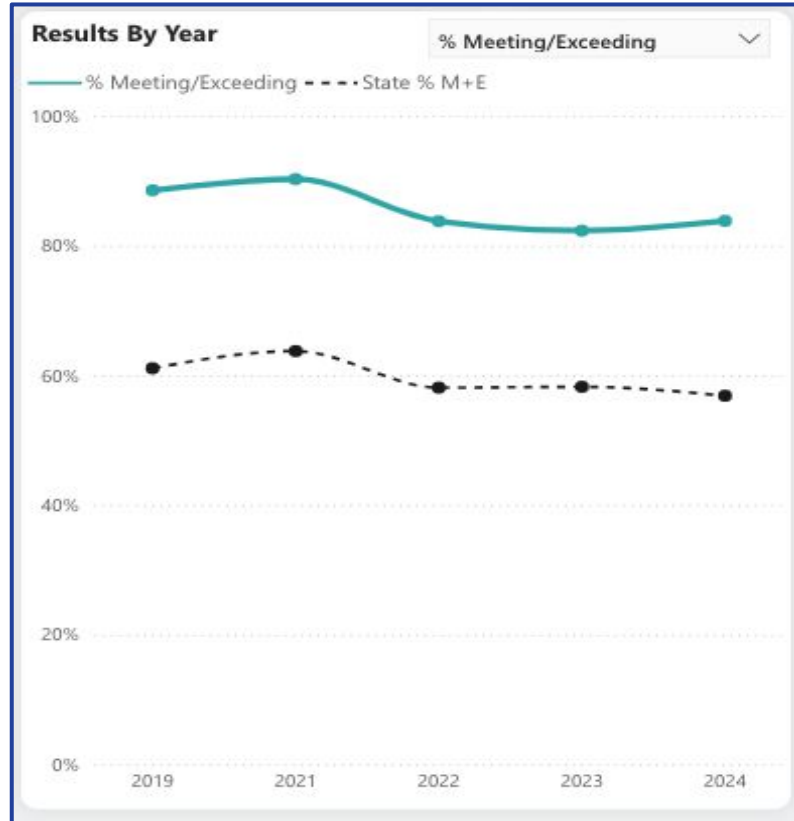
MCAS ELA Trends Grade 10

Grade 10 ELA

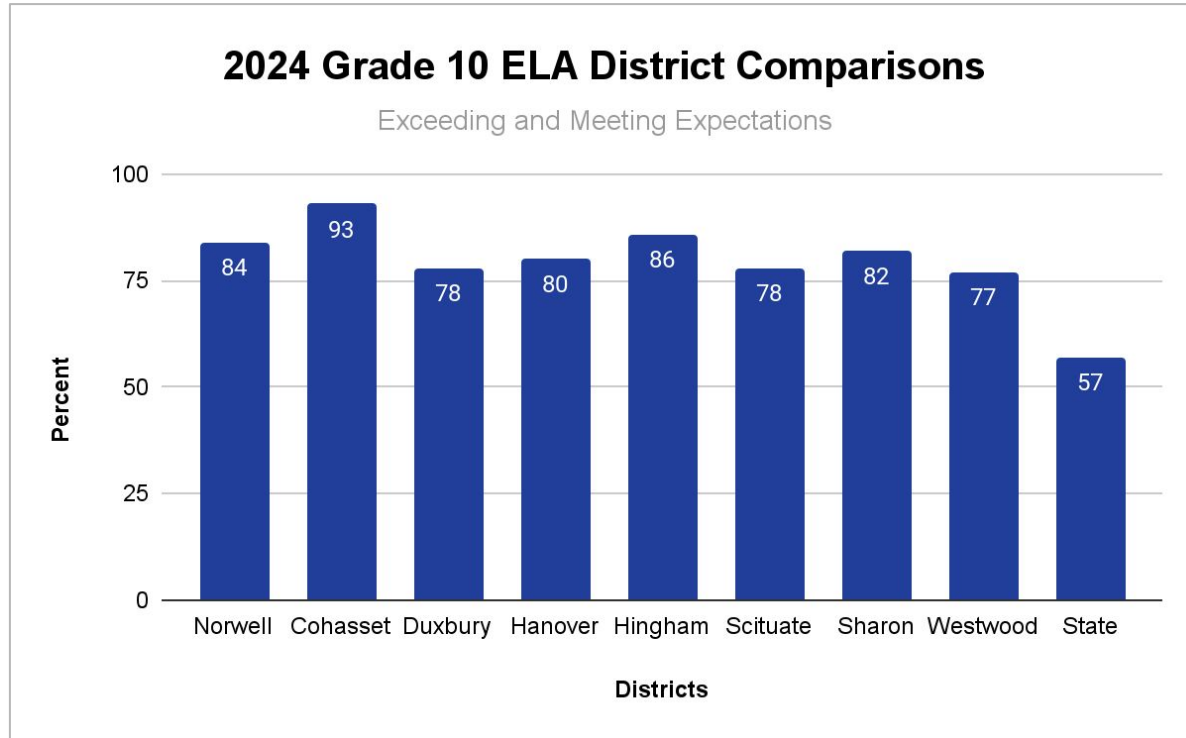
% Students Meeting/Exceeding

84%

↑ +2% vs. previous year
↑ +27% vs. state average



District Comparison - ELA



MCAS Math Trends Grade 10

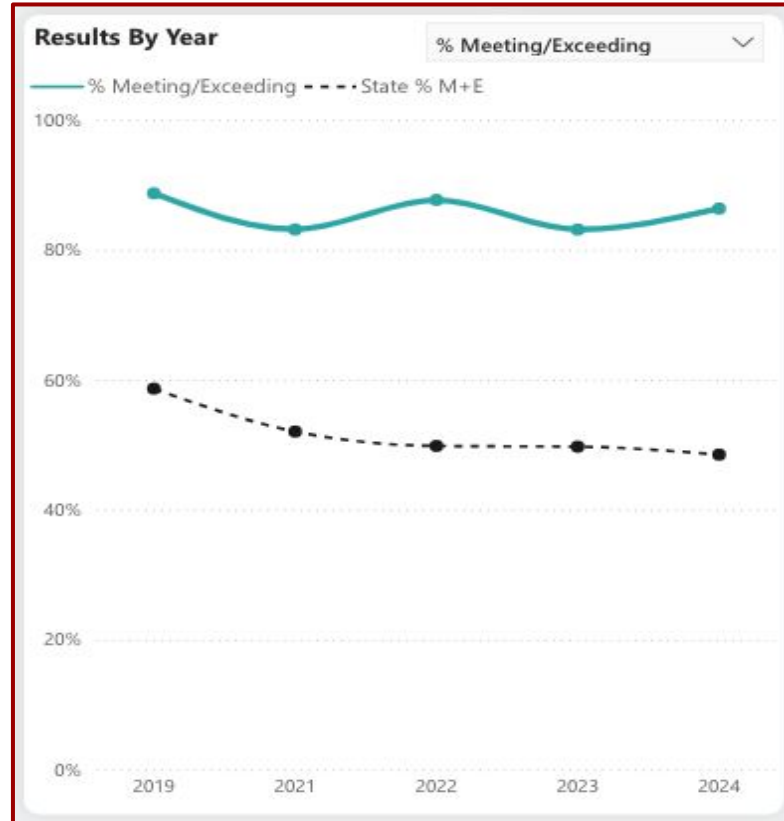
Grade 10 Math

% Students Meeting/Exceeding

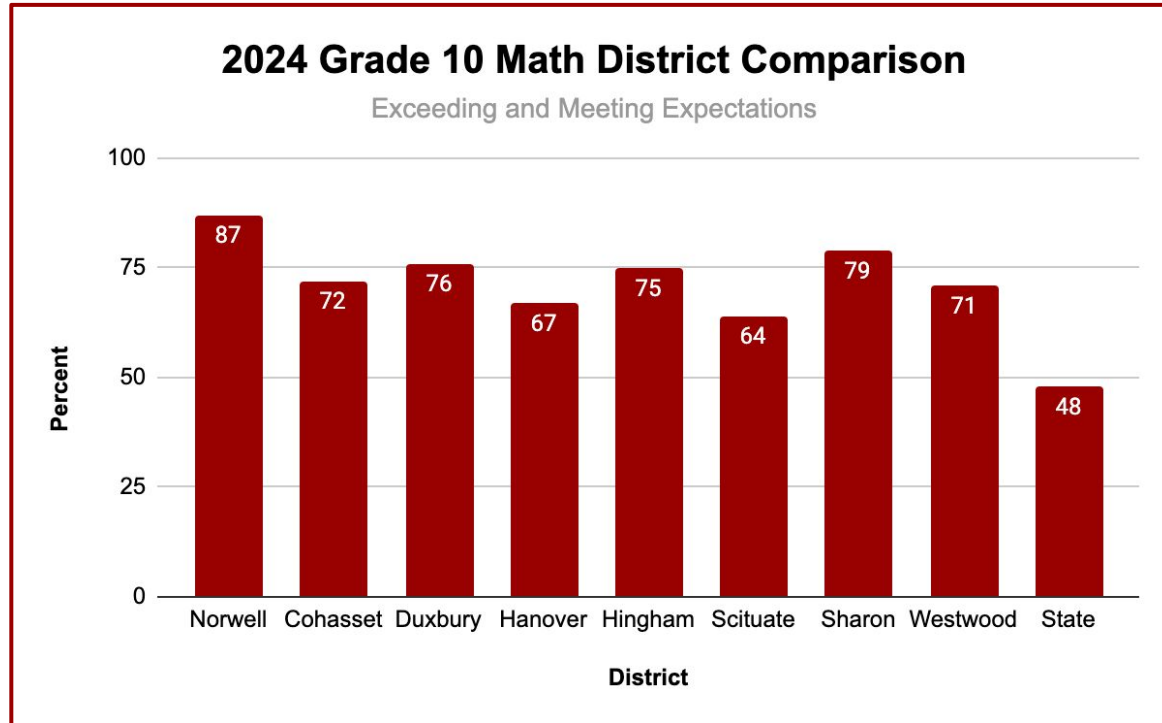
87%

↑ +3% vs. previous year

↑ +38% vs. state average



District Comparison - Math



MCAS Science Trends Grades 9/10

Grade 10 Science

% Students Meeting/Exceeding

85%

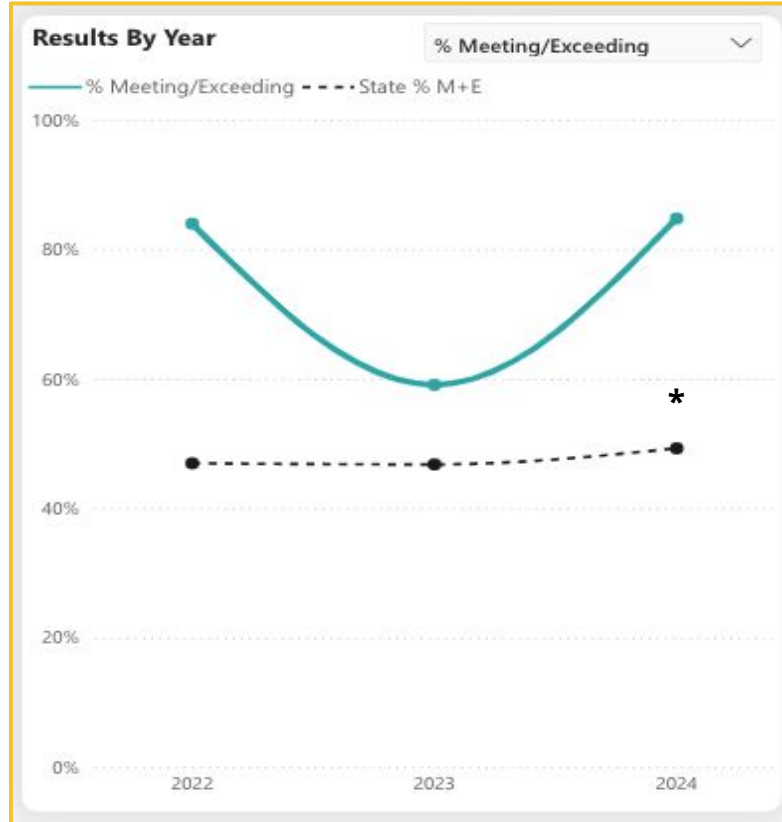
↑+26% vs. previous year
↑+36% vs. state average

Grade 9 Science*

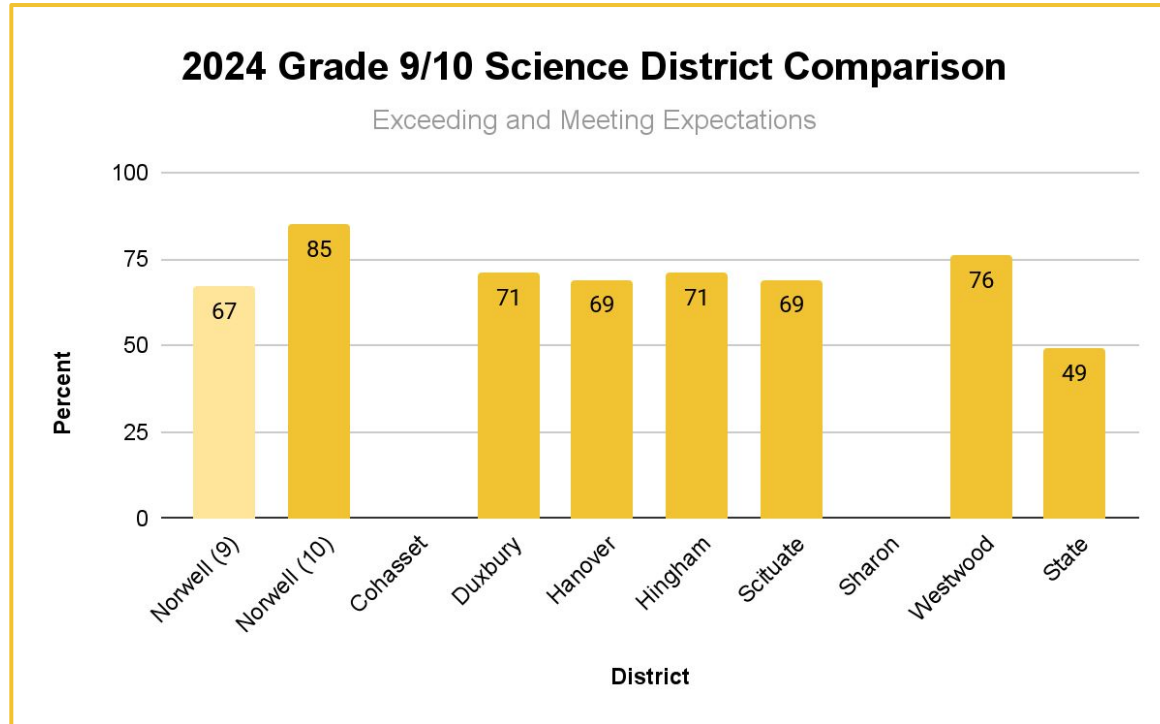
% Students Proficient

67%

↓+18% (YOG 27)



District Comparison - Science



Accountability

Accountability

The MA DESE **accountability system** is:

the set of policies and practices that a **state** uses to measure and hold schools and districts responsible for raising student achievement for all students.

Every school receives two ratings

*How do we compare
to ourselves?*

**Progress toward
targets**

(criterion referenced)



*How do we compare
to others?*

Percentiles

(normative)



1

The Massachusetts accountability system consists of two components...

Normative Component (Accountability Percentile)

measures the performance of all students in a school **compared to other schools** in the state that serve similar grades, and is reported as a **percentile** from 1 to 99

Criterion-Referenced Component (Targets)

measures progress towards improvement targets set for **one's own school or district**, and is reported as a **percentage**

- 2 ...that measure performance of groups, schools, and districts on specific indicators...

Achievement

Student Growth

English Learner Proficiency

Attendance/Absenteeism

High School Completion

Advanced Coursework

3

...and are used to categorize schools and districts as requiring or not requiring assistance/intervention.

	Not requiring assistance or intervention				Requiring assistance or intervention	
Schools of recognition	Meeting or exceeding targets	Substantial progress toward targets	Moderate progress toward targets	Limited or no progress toward targets	Focused/targeted support	Broad/comprehensive support
Recognized for high achievement, high growth, or exceeding targets	Cumulative criterion-referenced target percentage 75-100	Cumulative criterion-referenced target percentage 50-74	Cumulative criterion-referenced target percentage 25-49	Cumulative criterion-referenced target percentage 0-24	<ul style="list-style-type: none"> •Percentiles 1-10 •Low graduation rate •Low performing group(s) •Low participation 	<ul style="list-style-type: none"> •Underperforming schools •Chronically underperforming schools

What is a Target?

A numerical amount of improvement, based on the prior year's performance, that should be targeted to achieve for a particular indicator

Example 1

Chronic absenteeism - Non-high school							About the Data
Group	2023 Rate (%)	2024 Rate (%)	Change	Target	N	Points	Reason
All Students	7.9	5.4	-2.5	6.9	1,390	4	Exceeded Target

Example 2

Mathematics achievement - MCAS average composite scaled score - High school							About the Data
Group	2023 Achievement	2024 Achievement	Change	2024 Target	N	Points	Reason
All Students	513.4	517.7	4.3	514.5	139	4	Path Forward: Exceeded Target

2024 Official Accountability Report - Norwell

Organization Information	
DISTRICT NAME Norwell (02190000)	TITLE I STATUS Title I District
REGION Coastal	GRADES SERVED PK,K,01,02,03,04,05,06,07,08,09,10,11,12

Accountability Information

Overall classification Not requiring assistance or intervention 1

Reason for classification
Meeting or exceeding targets 3

Progress toward improvement targets	Accountability percentile
76% - Meeting or exceeding targets	-

OVERALL RESULTS	STUDENT GROUP RESULTS	DETAILED DATA FOR EACH INDICATOR	SCHOOLS IN THIS DISTRICT
------------------------	-----------------------	----------------------------------	--------------------------

Overall progress toward improvement targets

	2023	2024
Annual criterion-referenced target percentage	70%	79%
Weight	40%	60%
Cumulative Criterion-referenced target percentage (2023 x 40%) + (2024 x 60%)	76%	
	Meeting or exceeding targets	

2024 Points awarded

Accountability Information **Norwell High School**

Overall classification Not requiring assistance or intervention

Reason for classification

Meeting or exceeding targets

Progress toward improvement targets	Accountability percentile
80% - Meeting or exceeding targets	92

Accountability Information **Norwell Middle School**

Overall classification Not requiring assistance or intervention

Reason for classification

Substantial progress toward targets

Progress toward improvement targets	Accountability percentile
72% - Substantial progress toward targets	87

Accountability Information **Grace Farrar Cole Elementary School**

Overall classification Not requiring assistance or intervention

Reason for classification

Substantial progress toward targets

Progress toward improvement targets

74% - Substantial progress toward targets

Accountability percentile

83

Accountability Information **William G. Vinal Elementary School**

Overall classification Not requiring assistance or intervention

Reason for classification

School of Recognition ★

Progress toward improvement targets

90% - Meeting or exceeding targets

Accountability percentile

93

Takeaways

Highlights

- District-wide attendance improvement- pre-pandemic
Average daily attendance $\geq 95\%$
Chronic absenteeism $\sim 6\%$
- Grade 3 ELA $\uparrow 7\%$ ($\uparrow 4\%$ previous year)
- District-wide Math MCAS has returned to pre-pandemic 2019 level
- Grade 10 Math - #9 in the state of 414
- Vinal Elementary - School of Recognition
57 awarded of 1827 schools
- All schools exceeding or making substantial progress toward internal targets

Contributing Factors

- Collaborative, cohesive parent, school, and community effort.
- Strategic implementation of high quality curriculum resources and training - Foundations, iReady Math, Into Reading (K-5); MS/HS adoption cycle
- Faculty and staff expertise and consistency
- Proactive and flexible student support

In the Works and Moving Forward

Maintain a focus on student attendance

Curriculum focus areas - adoption, implementation and training

Comprehensive Health and Physical Education (CHPE) K-12

- Research, review, adopt - implement September 2025

Math Adoption

- Year 2 adoption grades 9-12
- iReady - Year 3 implementation (K-2)

ELA

- Into Reading - Year 2 implementation (K-5)
- Off the Shelf reading initiative (6-8)

History/Social Studies

- Year 1 research, review, adopt (6-12)
- Investigating History review (5-7)

Science

- MCAS Performance Based Assessment Training (3-8)

Questions

