



# NORWELL PUBLIC SCHOOLS

*21<sup>st</sup> Century Schools for 21<sup>st</sup> Century Students*

## 2018 MCAS & ACCOUNTABILITY

**OFFICE OF INSTRUCTION**

*October 15, 2018*

# Agenda

## **Part I: MCAS**

- ❑ Overview
- ❑ Results

## **Part II: Accountability**

- ❑ Background
- ❑ Indicators
- ❑ Results

## **Part III: Moving Forward**

# What is the Next-Generation MCAS?

- ❑ **Updated** version of the nearly 20-year-old MCAS assessment
- ❑ Focuses on students' **critical thinking** abilities, **application of knowledge**, and **ability to make connections** between reading and writing
- ❑ Gives a **clearer signal of readiness** for the next grade level or college and career
- ❑ Designed to be given on a computer
- ❑ First given in spring 2017 in grades 3-8 in English language arts and math
- ❑ Will replace all older (“legacy”) MCAS tests in grades 3-10 by 2019



(Flickenger)

# Next-generation MCAS Achievement Levels

## Exceeding Expectations

A student who performed at this level exceeded grade-level expectations by demonstrating mastery of the subject matter.

## Meeting Expectations

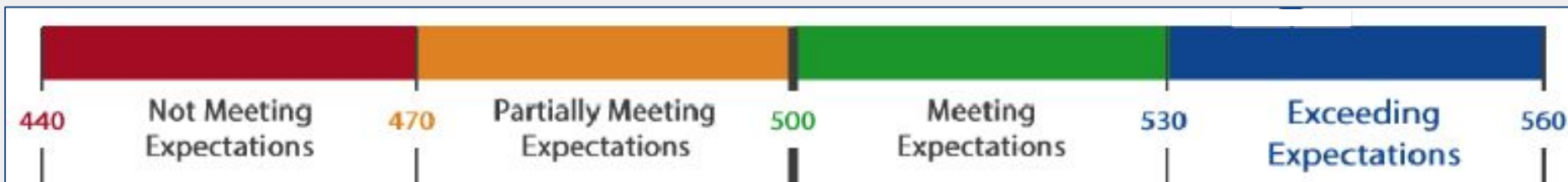
A student who performed at this level met grade-level expectations and is academically on track to succeed in the current grade in this subject.

## Partially Meeting Expectations

A student who performed at this level partially met grade-level expectations in this subject.

## Not Meeting Expectations

A student who performed at this level did not meet grade-level expectations in this subject.



(Massachusetts DESE)

# Scoring Descriptor Changes

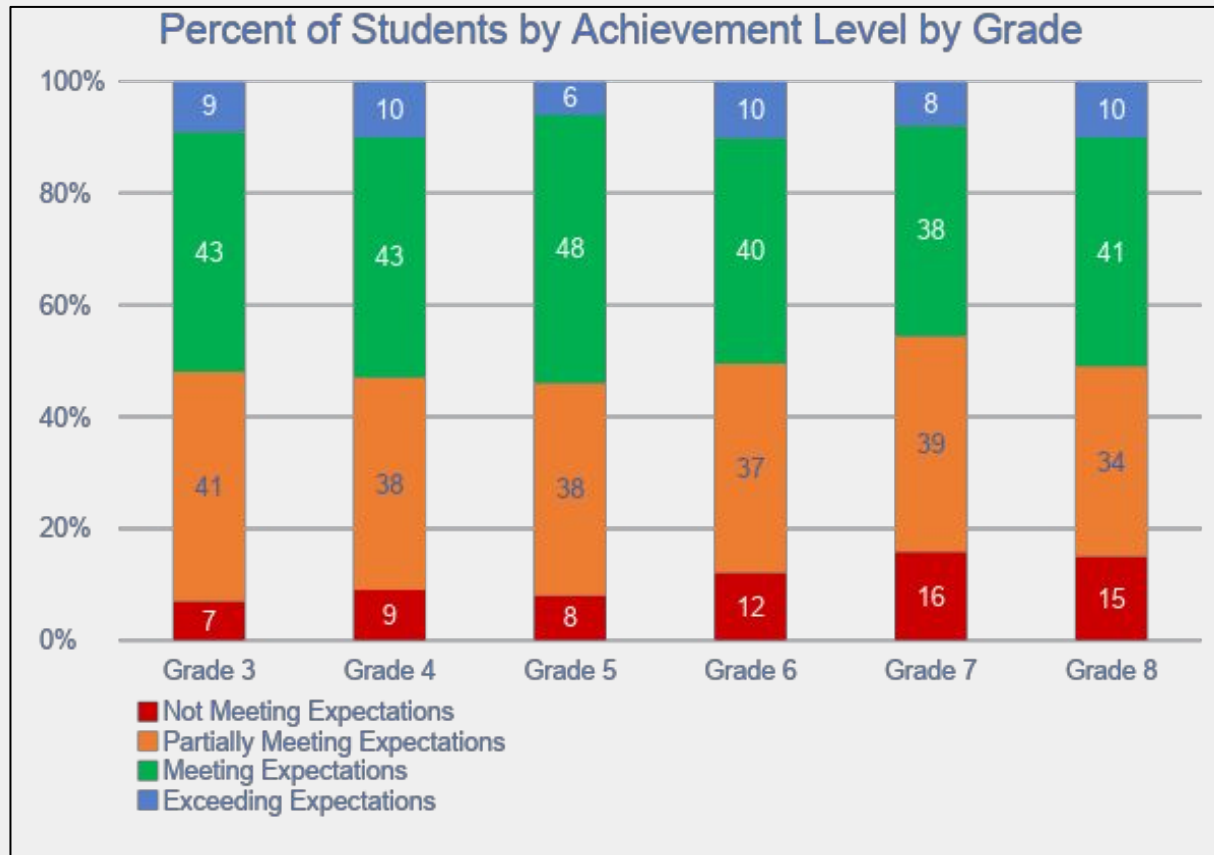
- ★ In general, the new standards for Meeting Expectations are **more rigorous** than the standards for reaching the Proficient level on the legacy MCAS.
- ★ Spring 2017 was the **baseline year** for the new test in grades 3-8.

# Part II

## DATA AND RESULTS

# Scoring Recalibration - year 2

## Statewide 2018 Grades 3-8 ELA Achievement

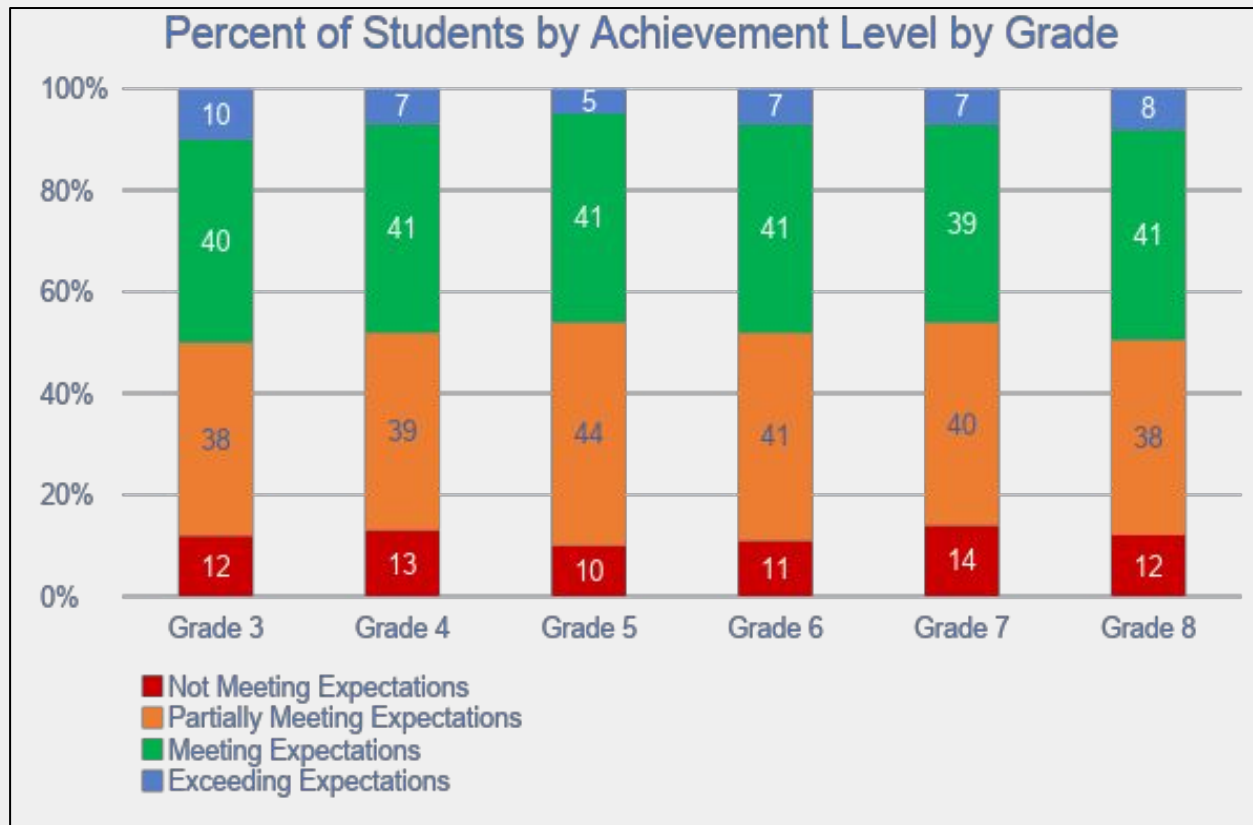


Approximately 50% of students in the state scored at the Meeting Expectations or above level, with the exception of grade 7 at 46%.

(Massachusetts DESE)

# Scoring Recalibration - year 2

## Statewide 2018 Grades 3-8 Math Achievement

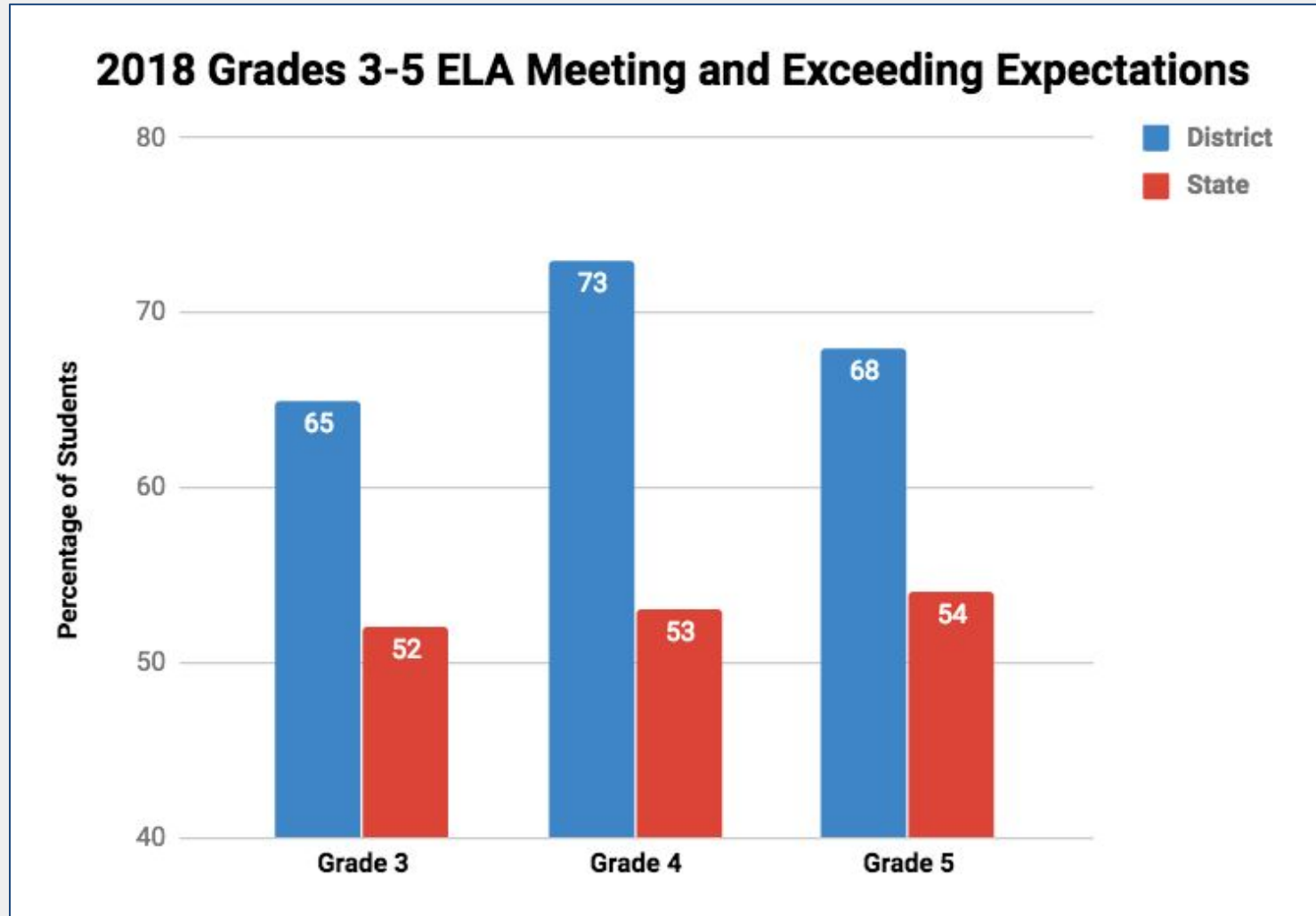


Three grades (4, 6, and 7) showed a slight decline in percentage of students scoring Meeting Expectations or above, grade 5 was flat, and grades 3 and 8 showed slight increases over the 2017 scores.

(Massachusetts DESE)

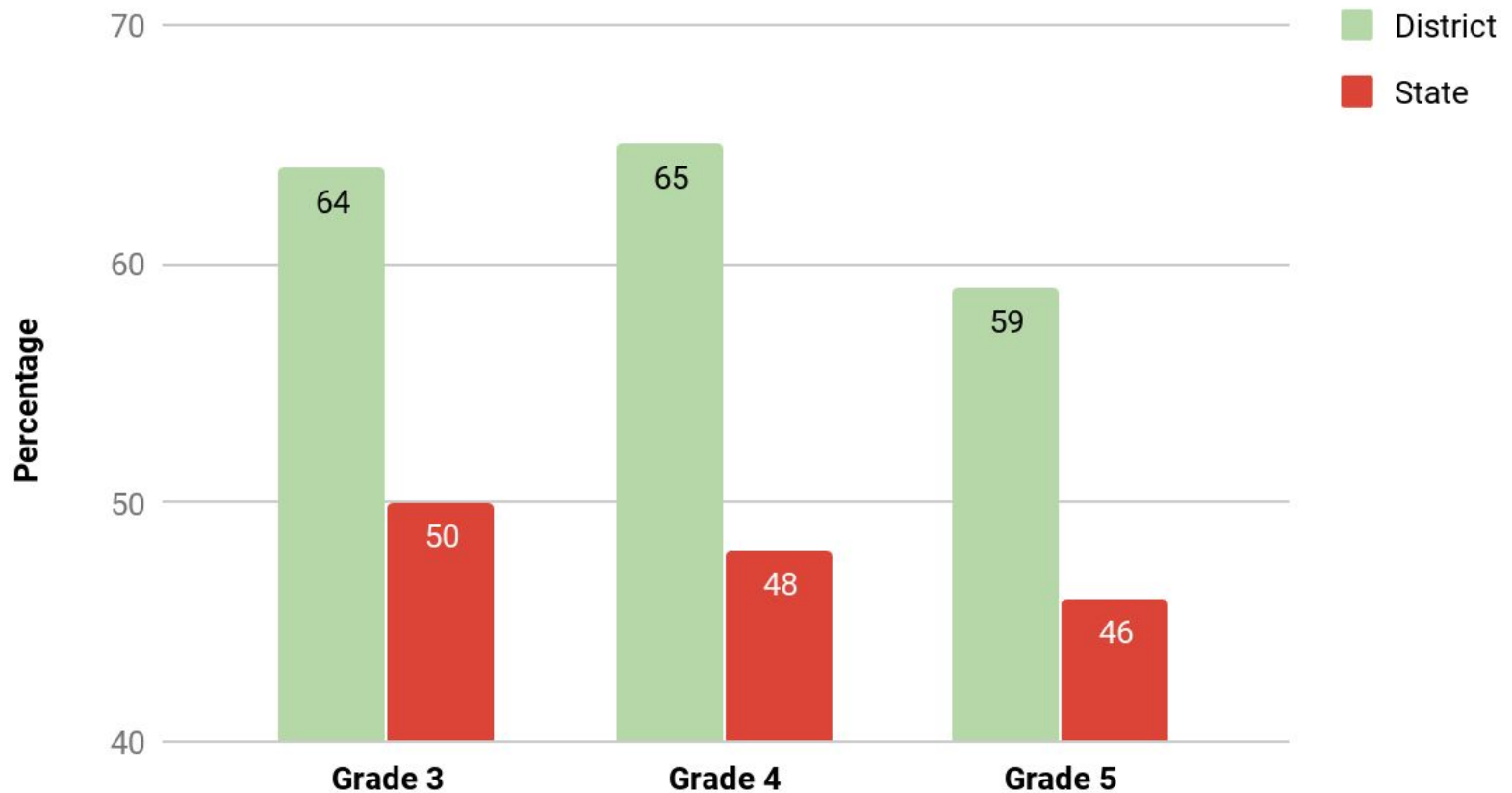


# Elementary ELA Results



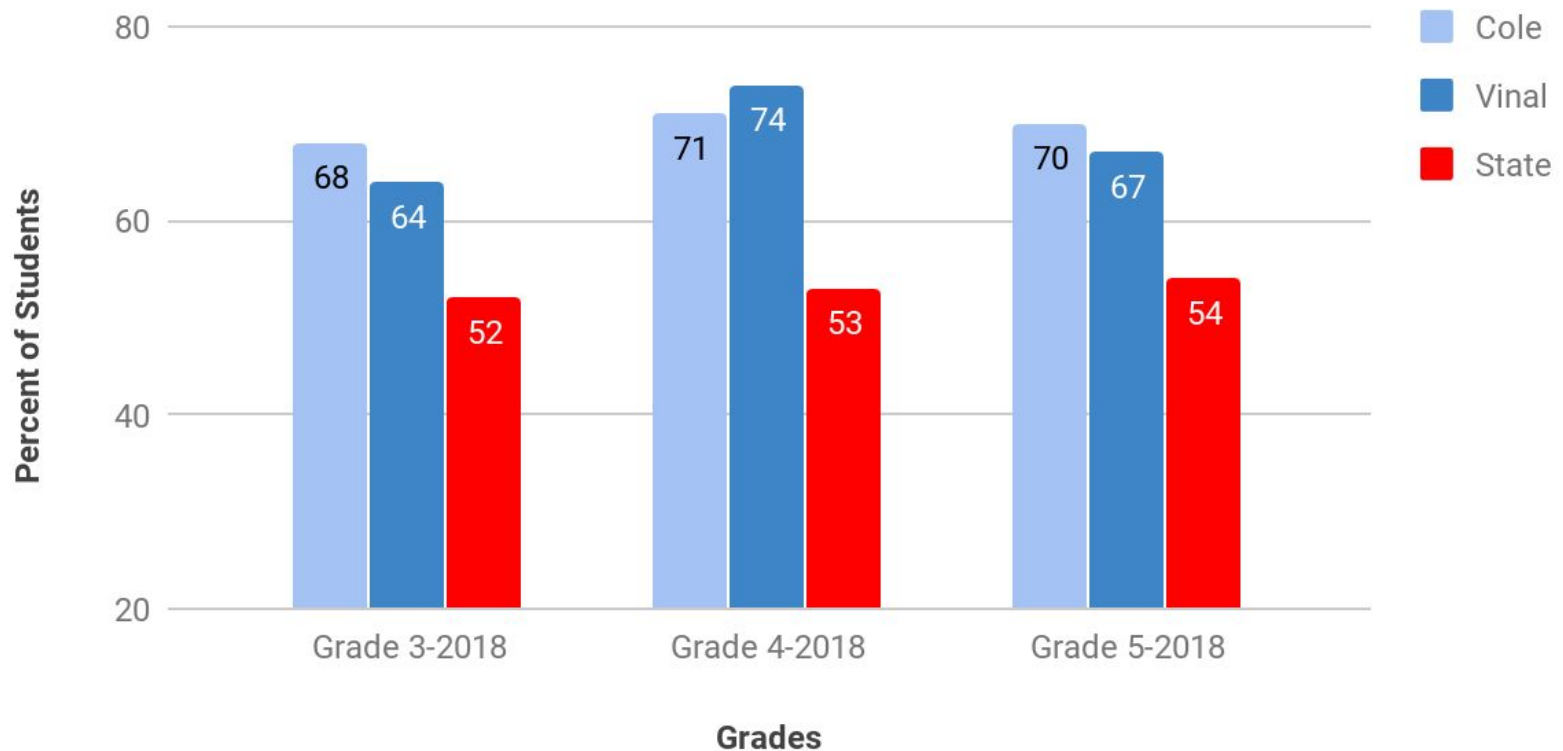
# Elementary Math Results

## 2018 Grades 3-5 Math Meeting and Exceeding Expectations



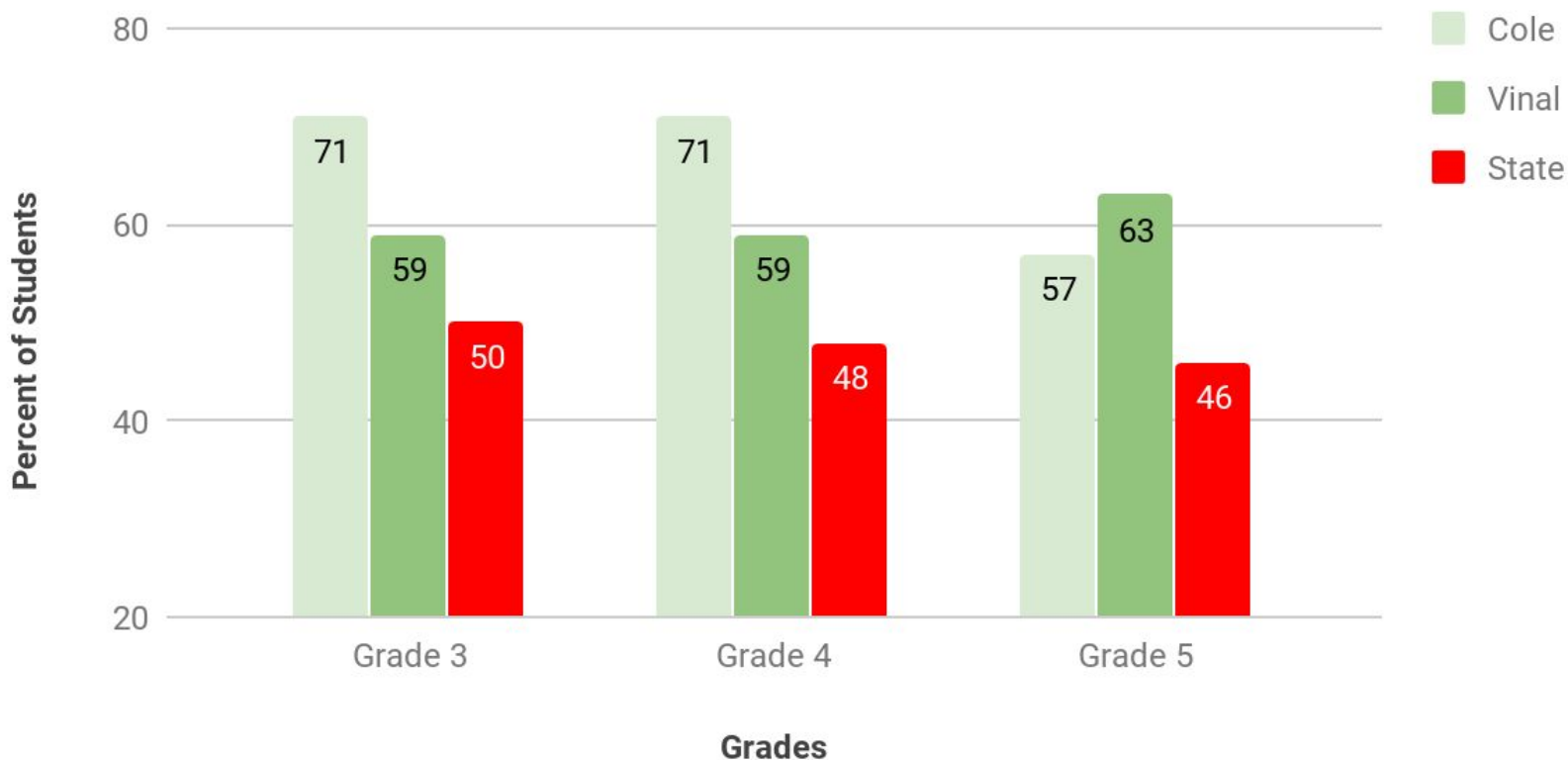
# Cole and Vinal Grades 3-5 ELA

## 2018 ELA MCAS Grades 3-5 Cole, Vinal, State Meeting or Exceeding Expectations



# Cole and Vinal Grades 3-5 Math

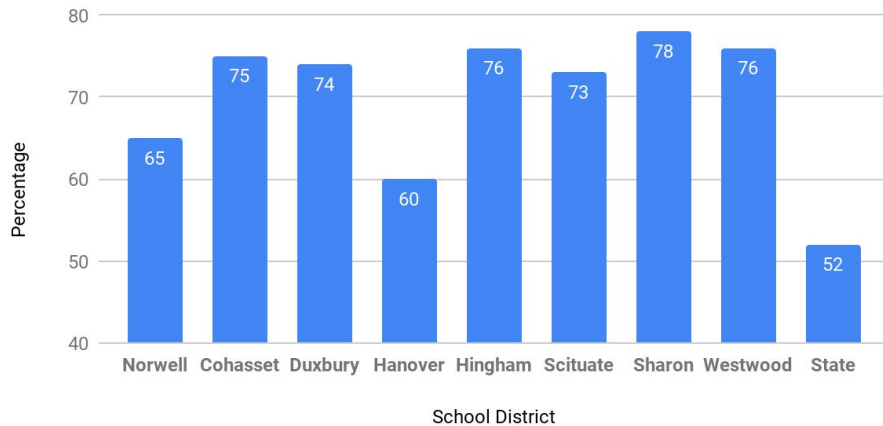
## 2018 Math MCAS Grades 3-5 Cole, Vinal, State Meeting or Exceeding Expectations



# District Comparisons Grade 3

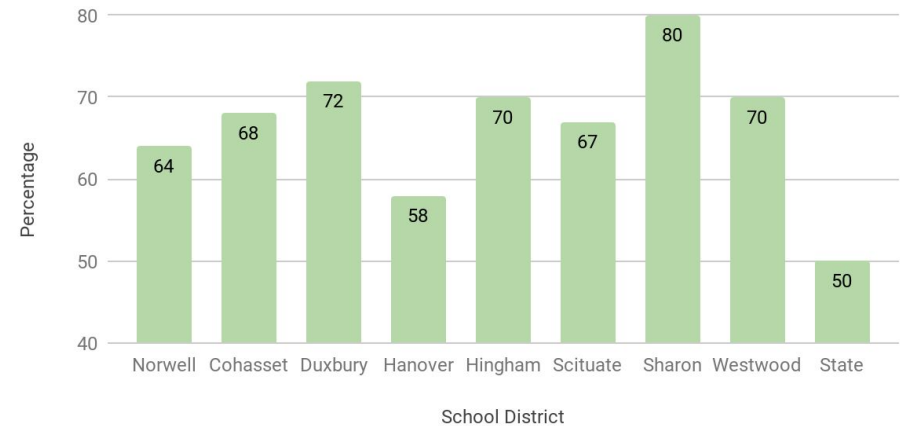
## 2018 District Comparison for Grade 3 ELA

■ 2018 ELA E/M Expectations



## 2018 District Comparison for Grade 3 Math

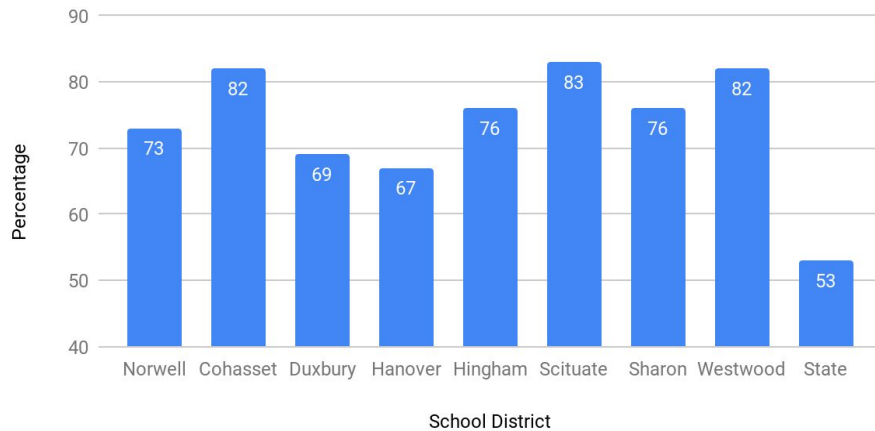
■ 2018 Exceeds/Meets Expectations Math 3



# District Comparisons Grade 4

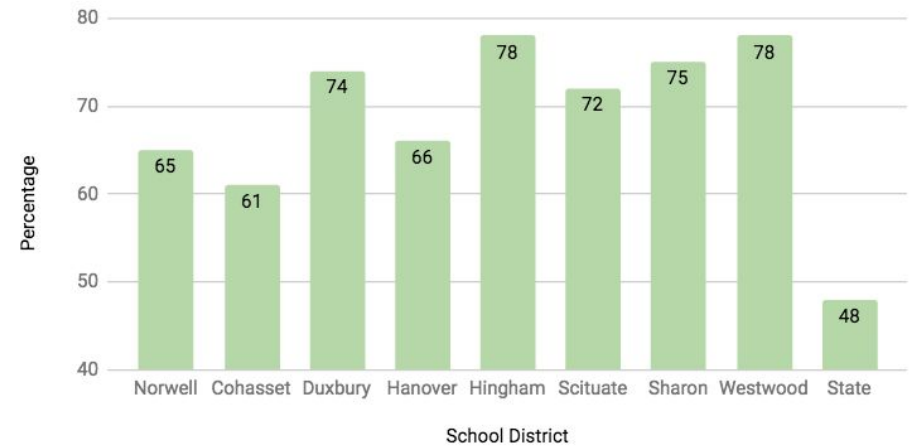
2018 District Comparison for Grade 4 ELA

■ 2018 Exceeds/Meets Expectations ELA 4



2018 District Comparison for Grade 4 Math

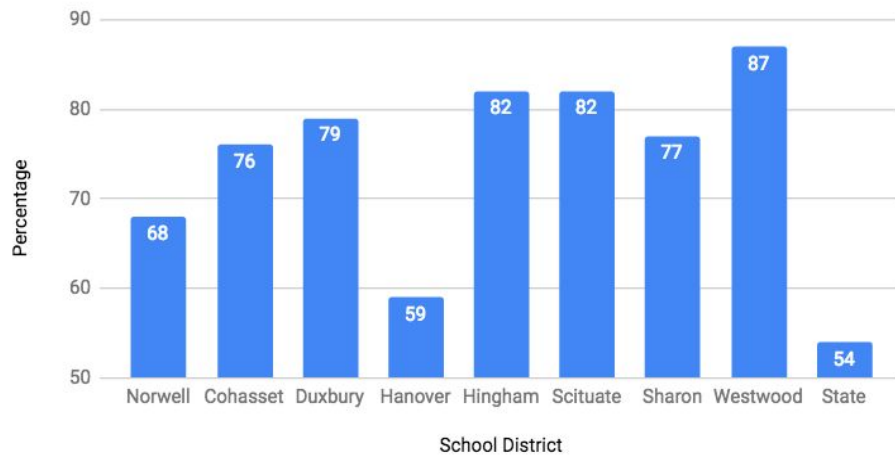
■ 2018 Exceeds/Meets Expectations Math 4



# District Comparisons Grade 5

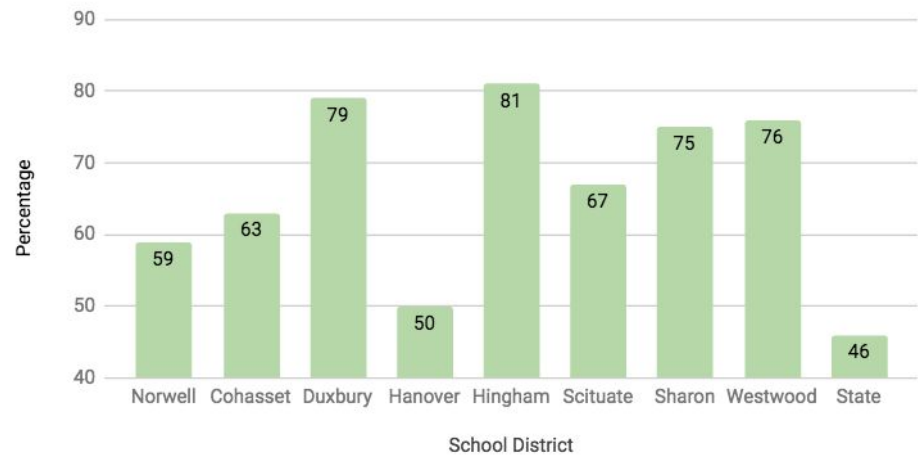
2018 District Comparison for Grade 5 ELA

■ 2018 Exceeds/Meets Expectations ELA 5



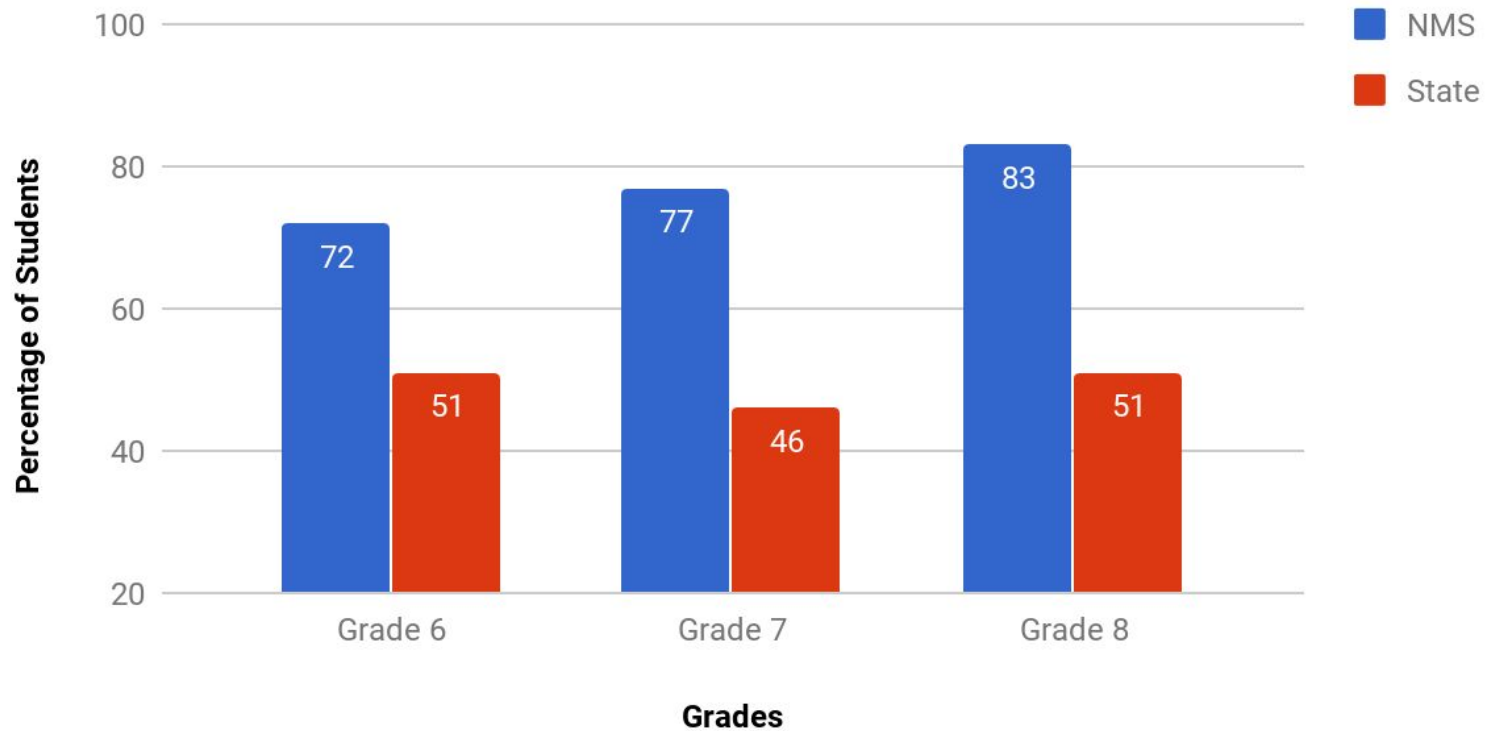
2018 District Comparison for Grade 5 Math

■ 2018 Exceeds/Meets Expectations Math 5



# Middle School ELA

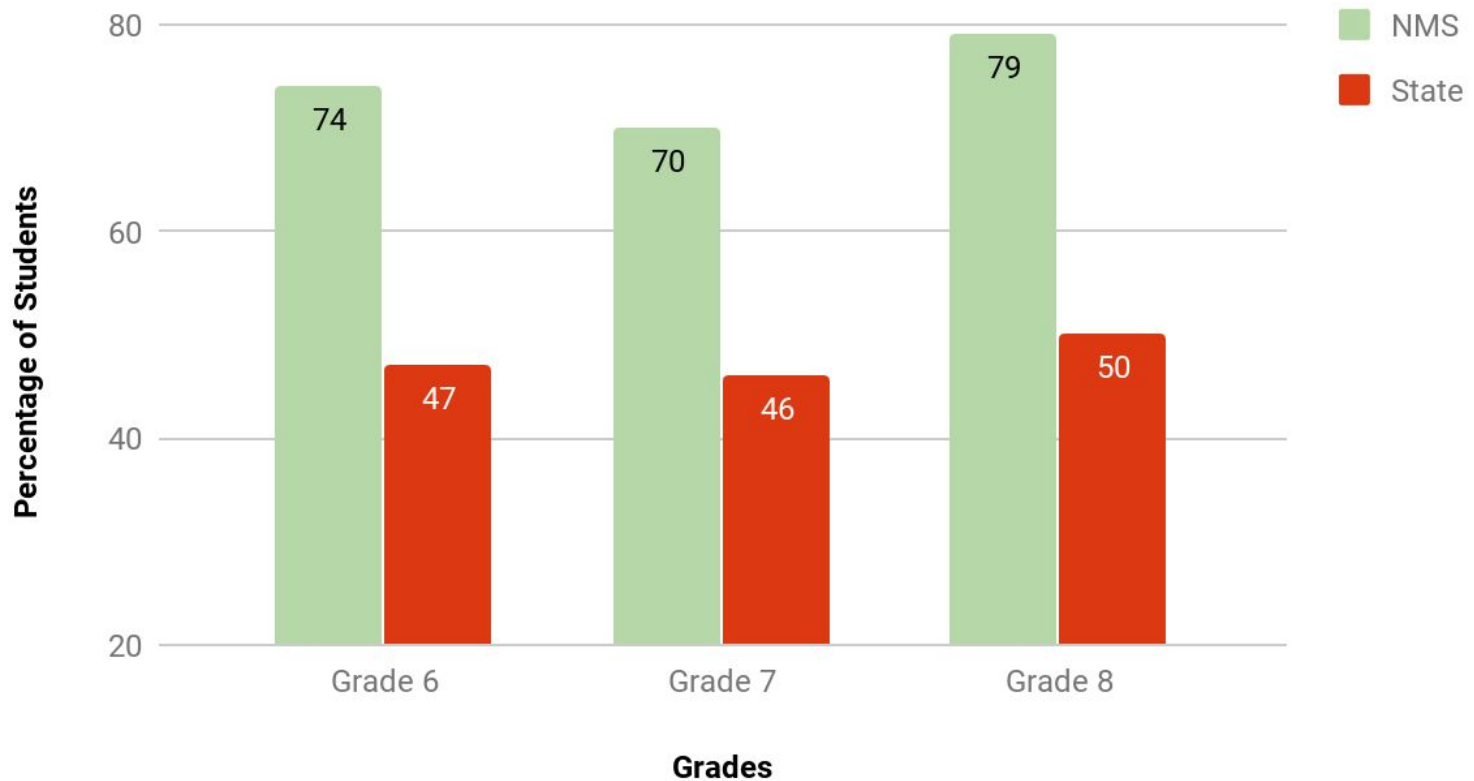
## 2018 Grades 6-8 MCAS ELA Scores Meeting and Exceeding Expectations





# Middle School Math

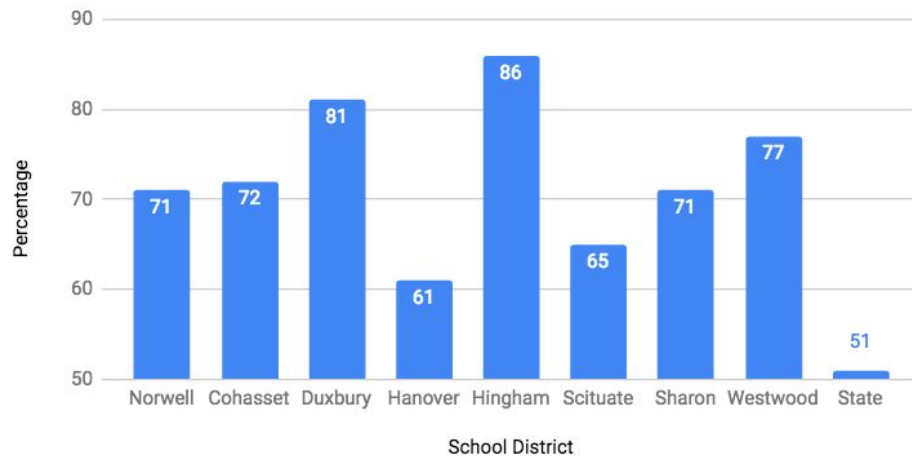
**2018 Grades 6-8 Math Scores Meeting and Exceeding Expectations**



# District Comparisons Grade 6

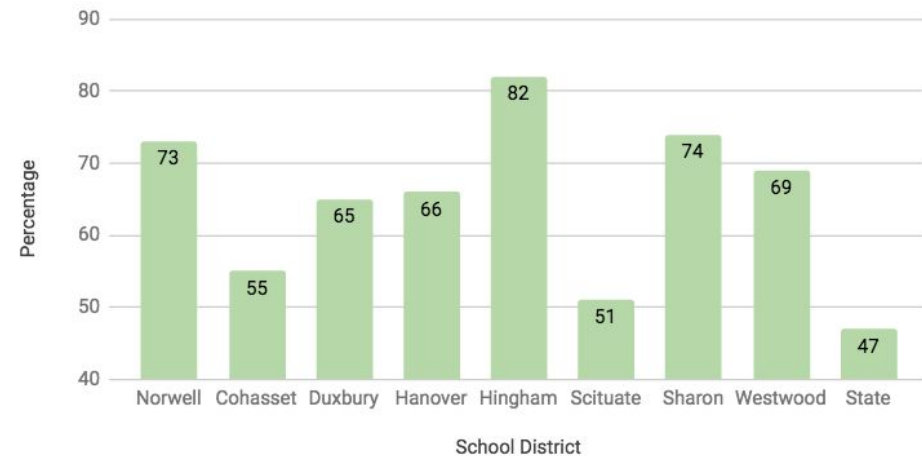
## 2018 District Comparison for Grade 6 ELA

■ 2018 Exceeds/Meets Expectations ELA 6



## 2018 District Comparison for Grade 6 Math

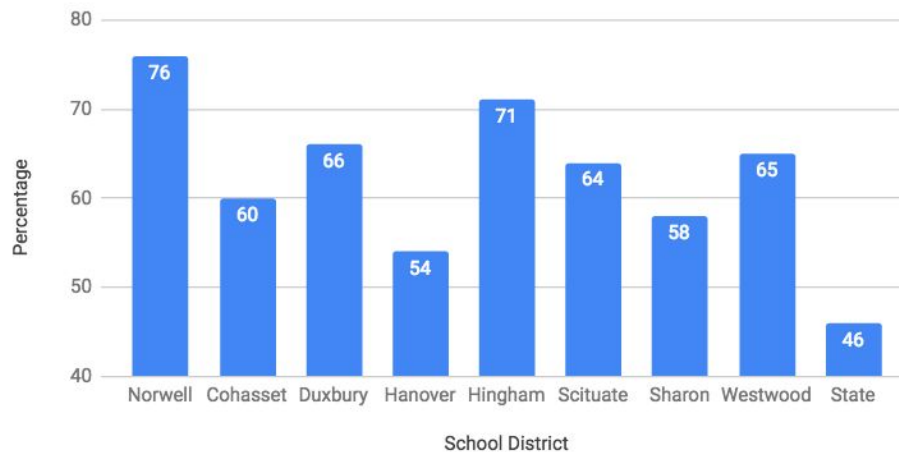
■ 2018 Exceeds/Meets Expectations Math 6



# District Comparisons Grade 7

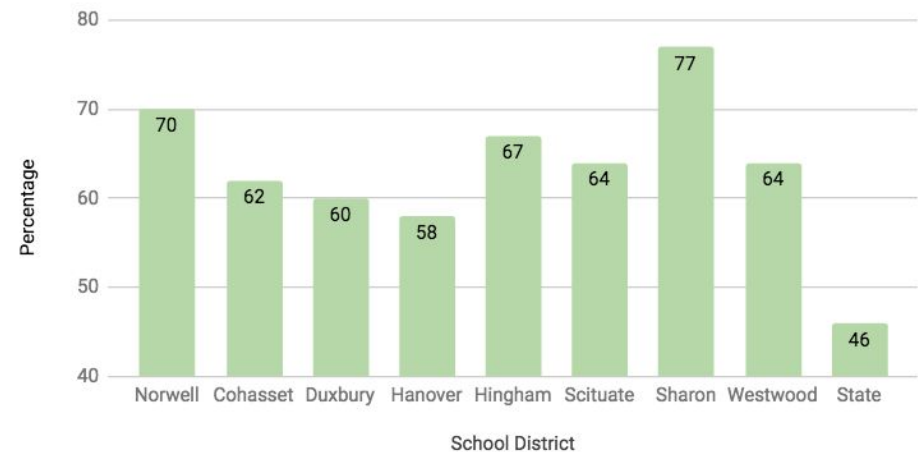
2018 District Comparison for Grade 7 ELA

2018 Exceeds/Meets Expectations ELA 7



2018 District Comparison for Grade 7 Math

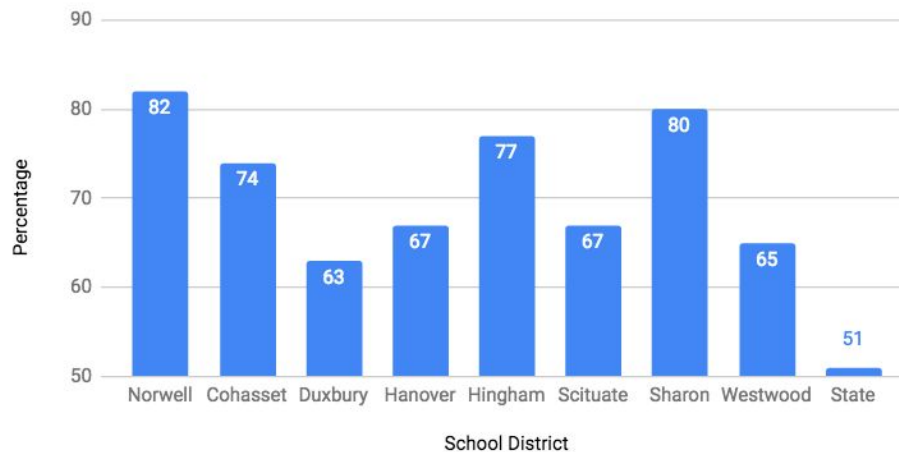
2018 Exceeds/Meets Expectations Math 7



# District Comparisons Grade 8

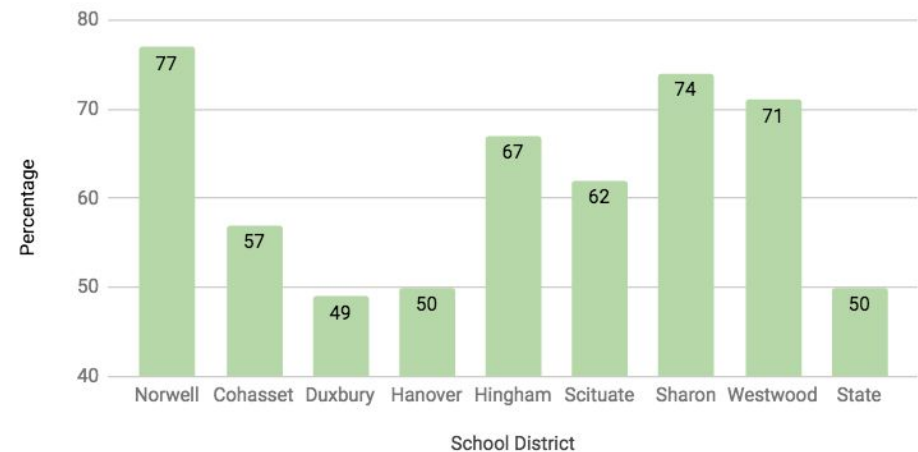
## 2018 District Comparison for Grade 8 ELA

■ 2018 Exceeds/Meets Expectations ELA 8



## 2018 District Comparison for Grade 8 Math

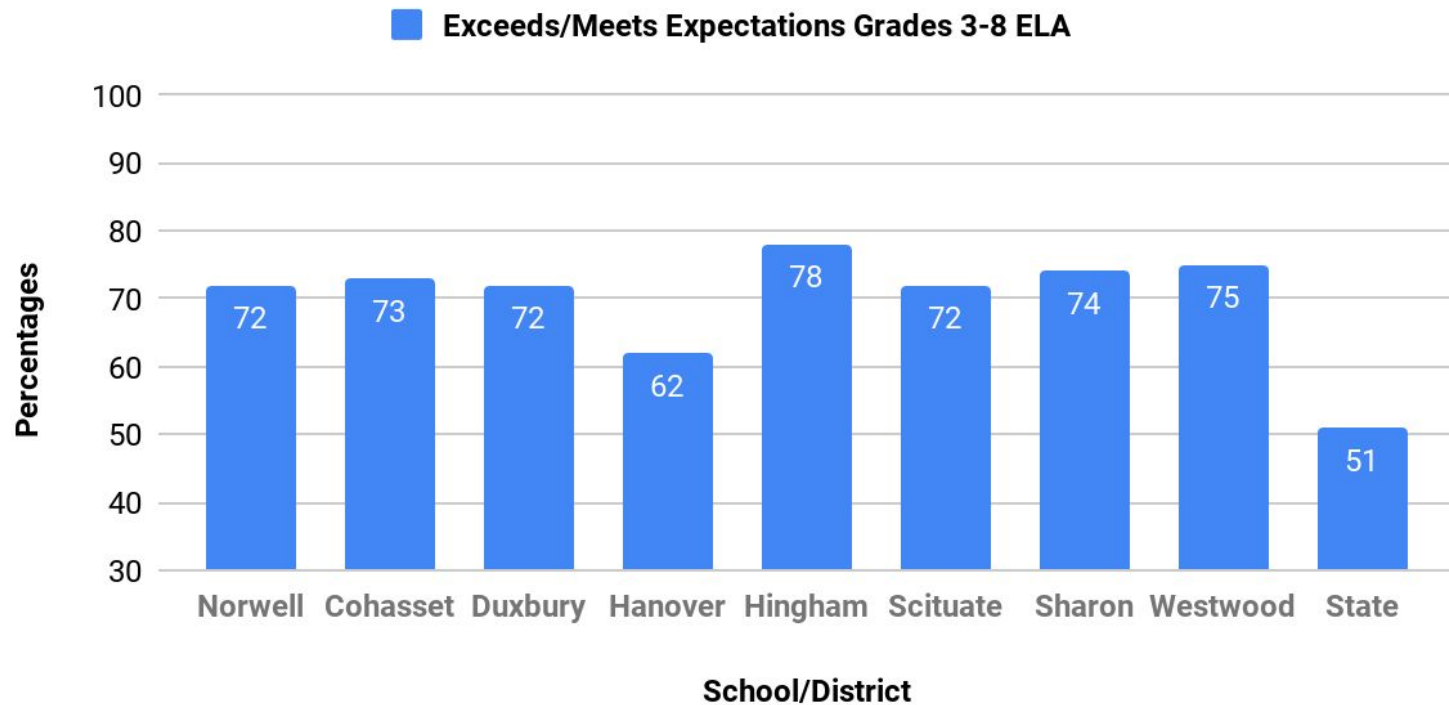
■ 2018 Exceeds/Meets Expectations Math 8



# Comparison Districts

## Grades 3-8 Cumulative ELA

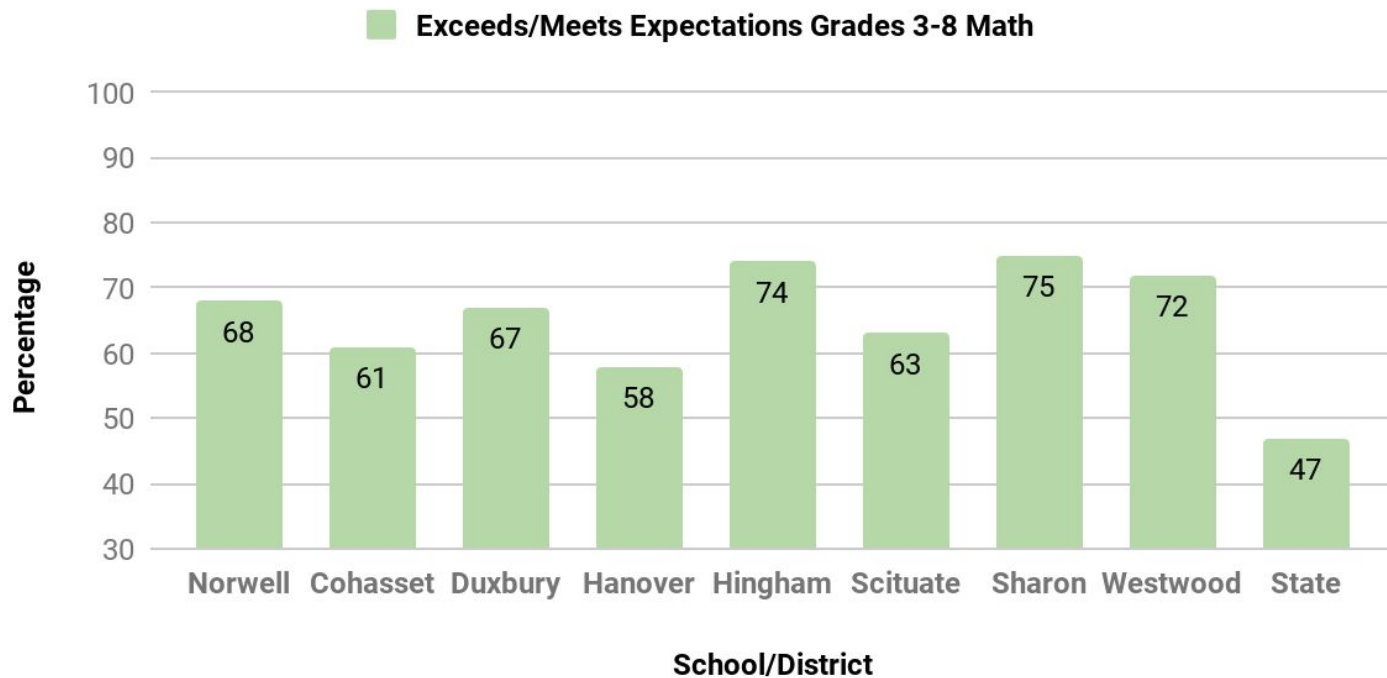
**2018 Exceeds/Meets Expectations Grades 3-8 ELA by School/District**



# Comparison Districts

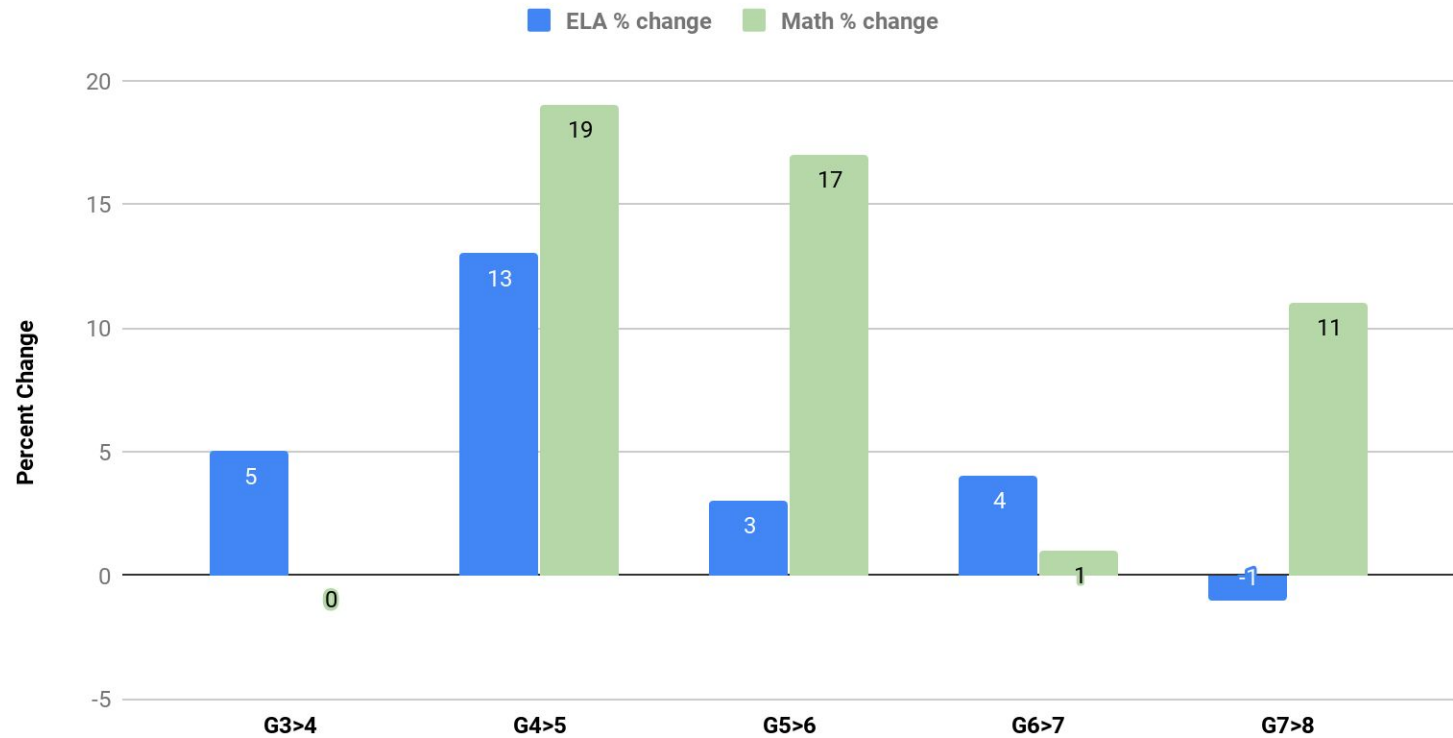
## Grades 3-8 Cumulative Math

### 2018 Exceeds/Meets Expectations Grades 3-8 Math per School/District

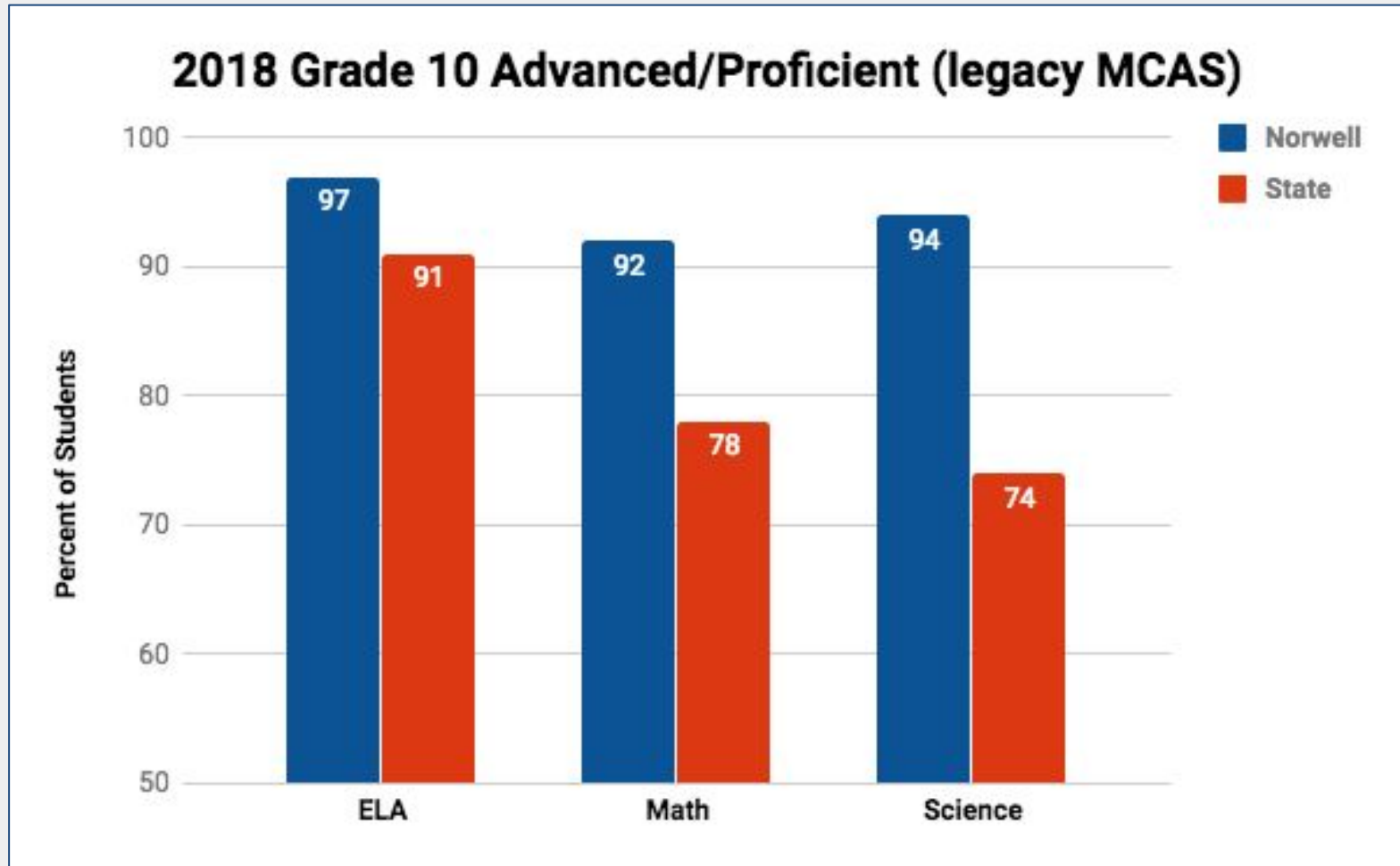


# Grade Cohort Comparisons

**Percent Change in Meeting or Exceeding Expectations ELA and Math Scores by Student Cohort**



# High School ELA, Math & Science

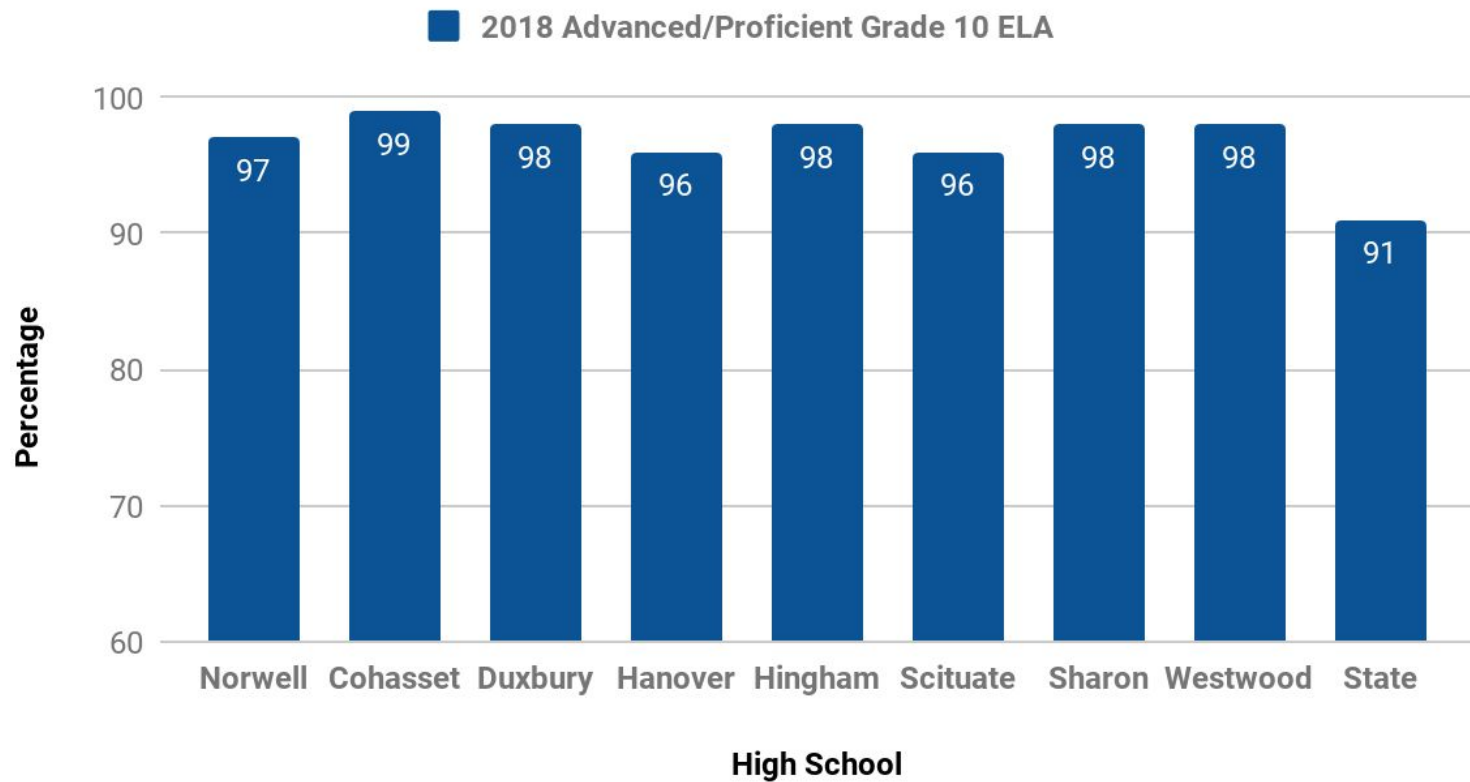




# Comparison Districts

## Grade 10 ELA

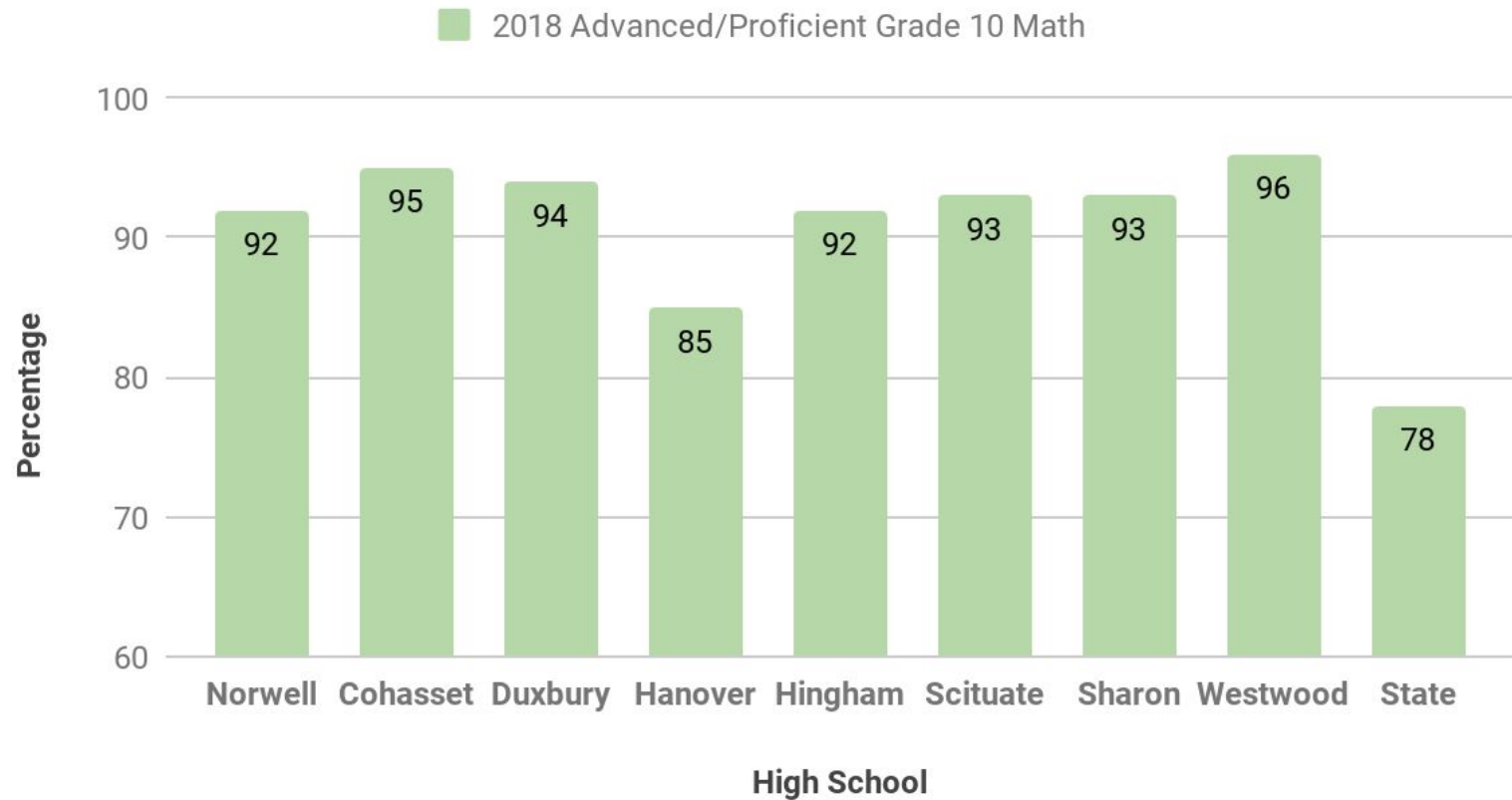
### 2018 Advanced/Proficient Grade 10 ELA HS Comparisons



# Comparison Districts

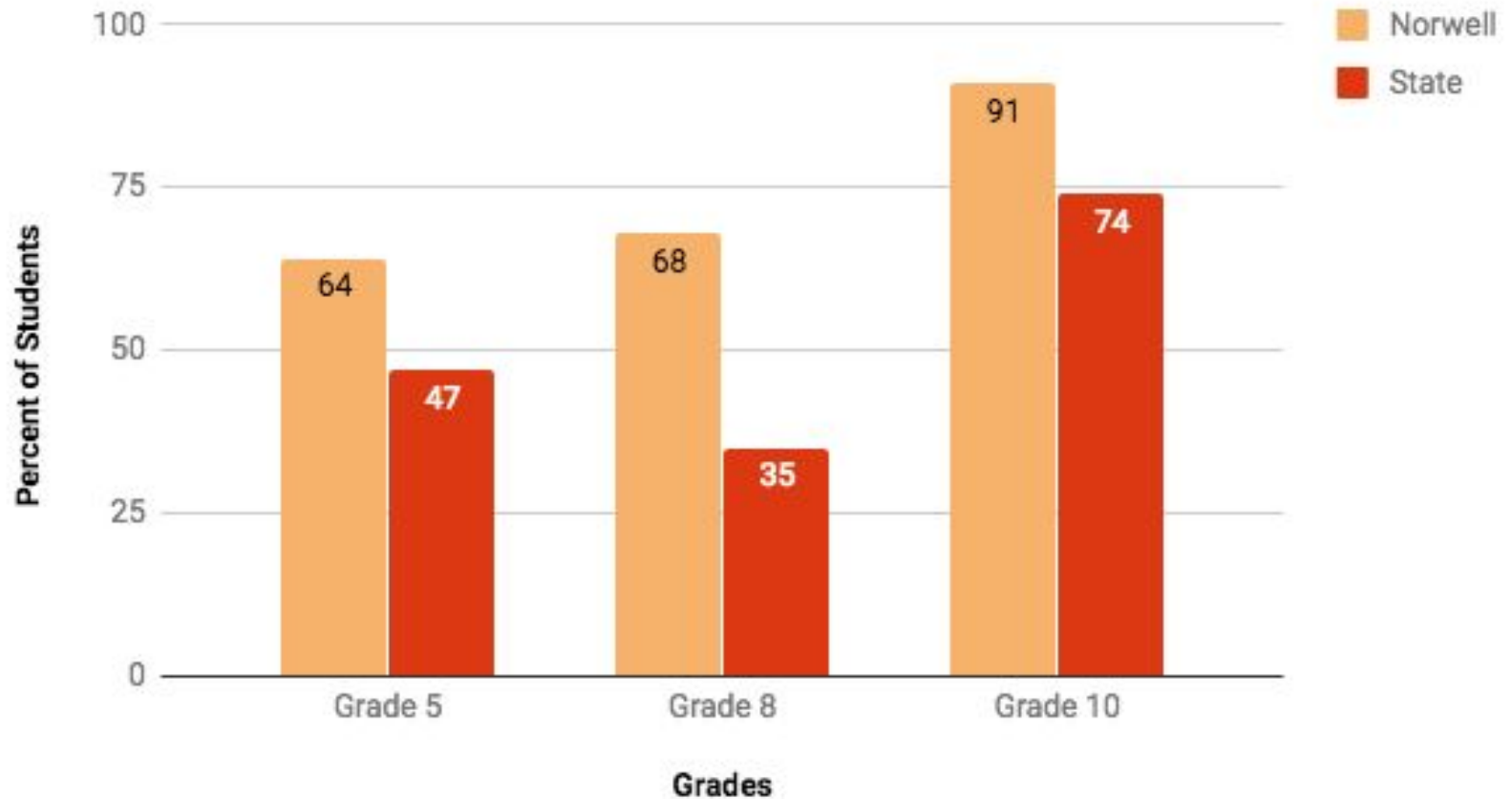
## Grade 10 Math

### 2018 Advanced/Proficient Grade 10 Math HS Comparisons



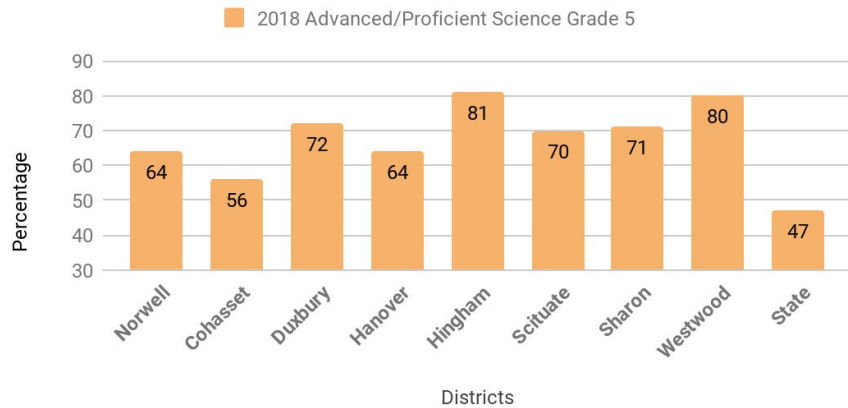
# Grades 5, 8, 10 Science

**Norwell v. State 2018 Legacy Science MCAS Results**

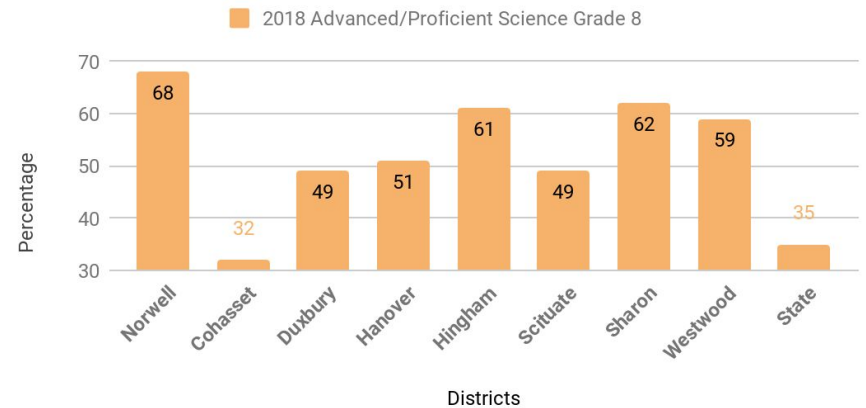


# Grades 5, 8, 10 Science

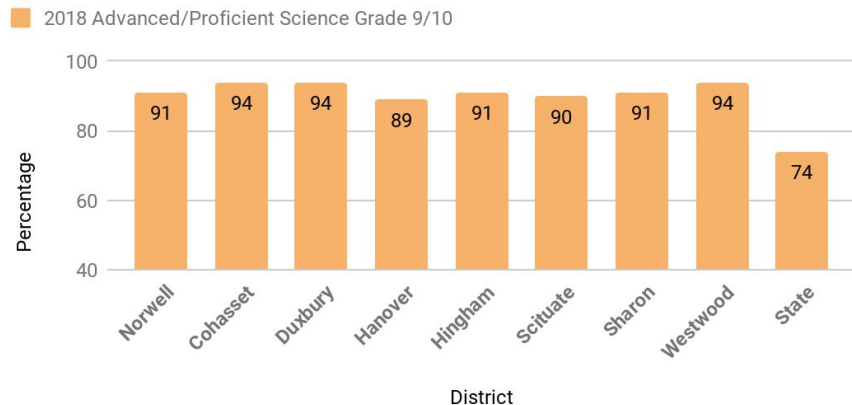
2018 Advanced/Proficient Science Grade 5  
District Comparison



2018 Advanced/Proficient Science Grade 8  
District Comparison



2018 Advanced/Proficient Science Grade 9/10  
District Comparison





# 2018 Accountability Overview



# What is it?

An **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, and to prompt and support improvement where necessary.

*Massachusetts' current accountability system has been in place since 2012 and is changing due to new federal requirements under the Every Student Succeeds Act (ESSA).*

# Why is it important ?

- Every school is responsible for the performance of all students.
- Identifies areas for improvement
- Every school is rated based on specific indicators.

# What are the indicators?

Indicator	Measures
Achievement	<ul style="list-style-type: none"><li>• ELA, math, &amp; science achievement</li></ul>
Student Growth	<ul style="list-style-type: none"><li>• ELA/Math Student Growth Percentile (SGP)</li></ul>
High School Completion	<ul style="list-style-type: none"><li>• Four-year cohort graduation rate</li><li>• Extended engagement rate</li><li>• Annual dropout rate</li></ul>
English Language Proficiency	<ul style="list-style-type: none"><li>• Progress made by students towards attaining English language proficiency</li></ul>
Additional Indicators	<ul style="list-style-type: none"><li>• Chronic absenteeism</li><li>• Percentage of students completing advanced coursework</li></ul>
Participation	<ul style="list-style-type: none"><li>• Required by all students, all subgroups, all subjects</li></ul>



# Two major components of accountability

## Every school receives two ratings

*How do we compare to others?*

- **Percentiles -**
- 54th percentile statewide

*How do we compare to ourselves?*

- **Progress toward targets**
- Partially Meeting

- All indicators are considered.
- All indicators are weighted.
- All students are considered and weighted for all indicators.
- All student subgroups are considered and weighted for all indicators.
  - High needs, students with disabilities, economically disadvantaged, English language learners, lowest 25%

# Accountability report – SAMPLE

## Organization Information

**DISTRICT NAME**

**TITLE I STATUS**

Title I School (SW)

**SCHOOL**

**GRADES SERVED**

K,01,02,03,04,05

**REGION**

West/Central

**FEDERAL DESIGNATION**

-

## Accountability Information

**Overall classification** Not requiring assistance or intervention

### Reason for classification

Meeting targets

**Progress toward improvement targets**

82% - Meeting targets

**Accountability percentile**

55

OVERALL AND SUBGROUP DATA

DETAILED DATA FOR EACH INDICATOR

# Accountability report – District

## 2018 Official Accountability Report - Norwell

### Organization Information

<b>DISTRICT NAME</b> Norwell (021900000)	<b>TITLE I STATUS</b> Title I District
<b>REGION</b> Coastal	<b>GRADES SERVED</b> PK,K,01,02,03,04,05,06,07,08,09,10,11,12

### Accountability Information

**Overall classification** Not requiring assistance or intervention

#### Reason for classification

Meeting targets

#### Progress toward improvement targets

76% - Meeting targets

#### Accountability percentile

-

#### This district's determination of need for special education technical assistance or intervention

Meets requirements (MR)

OVERALL AND SUBGROUP DATA

DETAILED DATA FOR EACH INDICATOR

SCHOOLS IN THIS DISTRICT

### School Accountability Information

[About the Data](#)

School	Accountability classification
<a href="#">Grace Farrar Cole</a>	Not requiring assistance or intervention
<a href="#">Norwell High</a>	Not requiring assistance or intervention
<a href="#">Norwell Middle School</a>	Not requiring assistance or intervention
<a href="#">William G Vinal</a>	Not requiring assistance or intervention

# Accountability report – Cole Elementary

## 2018 Official Accountability Report - Grace Farrar Cole

Organization Information	
<b>DISTRICT NAME</b> Norwell (02190000)	<b>TITLE I STATUS</b> Non-Title I School
<b>SCHOOL</b> Grace Farrar Cole (02190005)	<b>GRADES SERVED</b> PK,K,01,02,03,04,05
<b>REGION</b> Coastal	<b>FEDERAL DESIGNATION</b> -

## Accountability Information

<b>Overall classification</b>	Not requiring assistance or intervention
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<b>Reason for classification</b>
Meeting targets

Progress toward improvement targets	Accountability percentile
93% - Meeting targets	86



# Accountability report – Vinal Elementary

## 2018 Official Accountability Report - William G Vinal

Organization Information	
<b>DISTRICT NAME</b> Norwell (02190000)	<b>TITLE I STATUS</b> Non-Title I School
<b>SCHOOL</b> William G Vinal (02190020)	<b>GRADES SERVED</b> PK,K,01,02,03,04,05
<b>REGION</b> Coastal	<b>FEDERAL DESIGNATION</b> -

## Accountability Information

<b>Overall classification</b>	Not requiring assistance or intervention
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<b>Reason for classification</b>
Meeting targets

Progress toward improvement targets	Accountability percentile
93% - Meeting targets	82





# Accountability report – Norwell Middle School

## 2018 Official Accountability Report - Norwell Middle School

Organization Information	
<b>DISTRICT NAME</b> Norwell (02190000)	<b>TITLE I STATUS</b> Title I School
<b>SCHOOL</b> Norwell Middle School (02190405)	<b>GRADES SERVED</b> 06,07,08
<b>REGION</b> Coastal	<b>FEDERAL DESIGNATION</b> -

## Accountability Information

<b>Overall classification</b>	Not requiring assistance or intervention
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<b>Reason for classification</b>
Meeting targets

Progress toward improvement targets	Accountability percentile
81% - Meeting targets	93



# Accountability report – Norwell High School

## 2018 Official Accountability Report - Norwell High

Organization Information	
<b>DISTRICT NAME</b> Norwell (021900000)	<b>TITLE I STATUS</b> Non-Title I School
<b>SCHOOL</b> Norwell High (02190505)	<b>GRADES SERVED</b> 09,10,11,12
<b>REGION</b> Coastal	<b>FEDERAL DESIGNATION</b> -

## Accountability Information

<b>Overall classification</b>	Not requiring assistance or intervention
<b>Reason for classification</b>	Partially meeting targets

Progress toward improvement targets	Accountability percentile
41% - Partially meeting targets	84

# Moving Forward

## Focus Areas

- Math instruction and assessment
  - Math Workshop Model
  - Effective use of available supports/tools
- ELA
  - Writing
  - Integration of Readers' and Writers' Workshop K-5
- Science
  - Standards alignment, next generation skills integration



# Moving Forward

## Focus areas

- Data Analysis with Targeted Actions
  - high quality grade level assessments
- Attendance
- Maintaining access to advanced coursework and the arts
- Next-generation MCAS Transitions
  - grade 10; science 5, 8,10

# References

Fadel, Charles. *Framework for 21st Century Learning*. *Wikimedia Commons*, 14 Feb. 2011, commons.wikimedia.org/wiki/File:Framework\_for\_21st\_Century\_Learning.jpg. Accessed 27 Oct. 2017.

Flickenger, Brad. Child with Ipad. *Maine-AEM*, maine-aim.org/ apps-for-students-with-learning-disabilities-dyslexia/. Accessed 27 Oct. 2017.

MA next-generation accountability system Powerpoint Presentation. (2018, August). Retrieved August 20, 2018, from <https://www.xpowerpoint.com/ma-nextgeneration-accountability-system--PPT.html>

Massachusetts DESE. "2018 Lists", <http://www.doe.mass.edu/accountability/lists-tools.html> Sept. 2018.

# Thank You

