



Where We've Been

2019

Next-Generation MCAS

2018

Next-Generation MCAS

New Accountability System Introduced

2017

Next-Generation MCAS

2016

PARCC

2015

PARCC



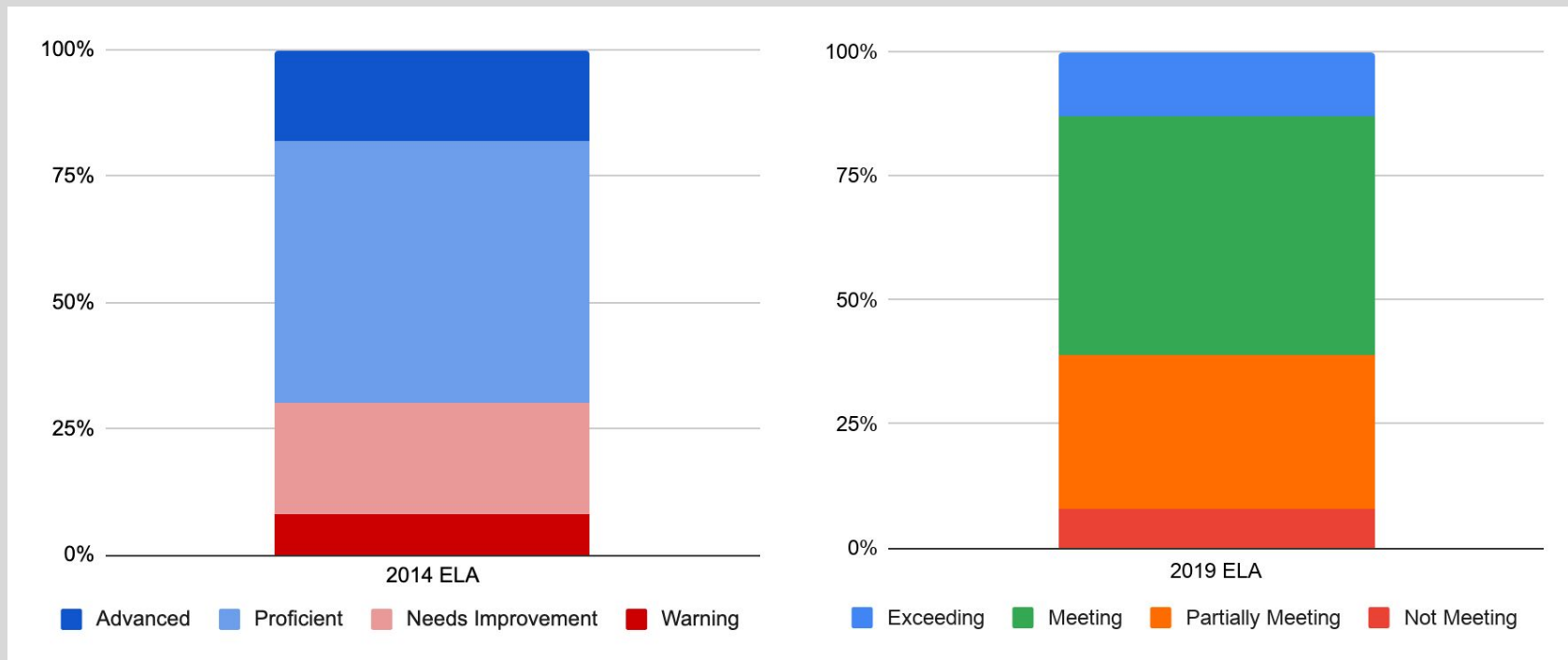
Department Performance Category Designations

Schools of Recognition	Meeting Targets	Partially Meeting Targets	Not Meeting Targets	Focused/Targeted Support	Broad/Comprehensive Support
Schools demonstrating high achievement, significant improvement, or high growth	Based on Targets Met %			<ul style="list-style-type: none"> ▶ Accountability Percentiles from 1-10 ▶ Participation rates below 95% ▶ Graduation rates below 66.7% 	<ul style="list-style-type: none"> ▶ Underperforming Schools ▶ Chronically Underperforming Schools
	75-100	50-74	0-49		
	Targets			Ranking	Commissioner's Decision
Schools without required assistance or support (approximately 85%)				Schools requiring assistance or attention (approximately 15%)	

* We do not require assistance or intervention because we have made substantial progress towards our targets.



DESE's Equipercentile Linking Model



Achievement

Performance Levels and Cut Scores

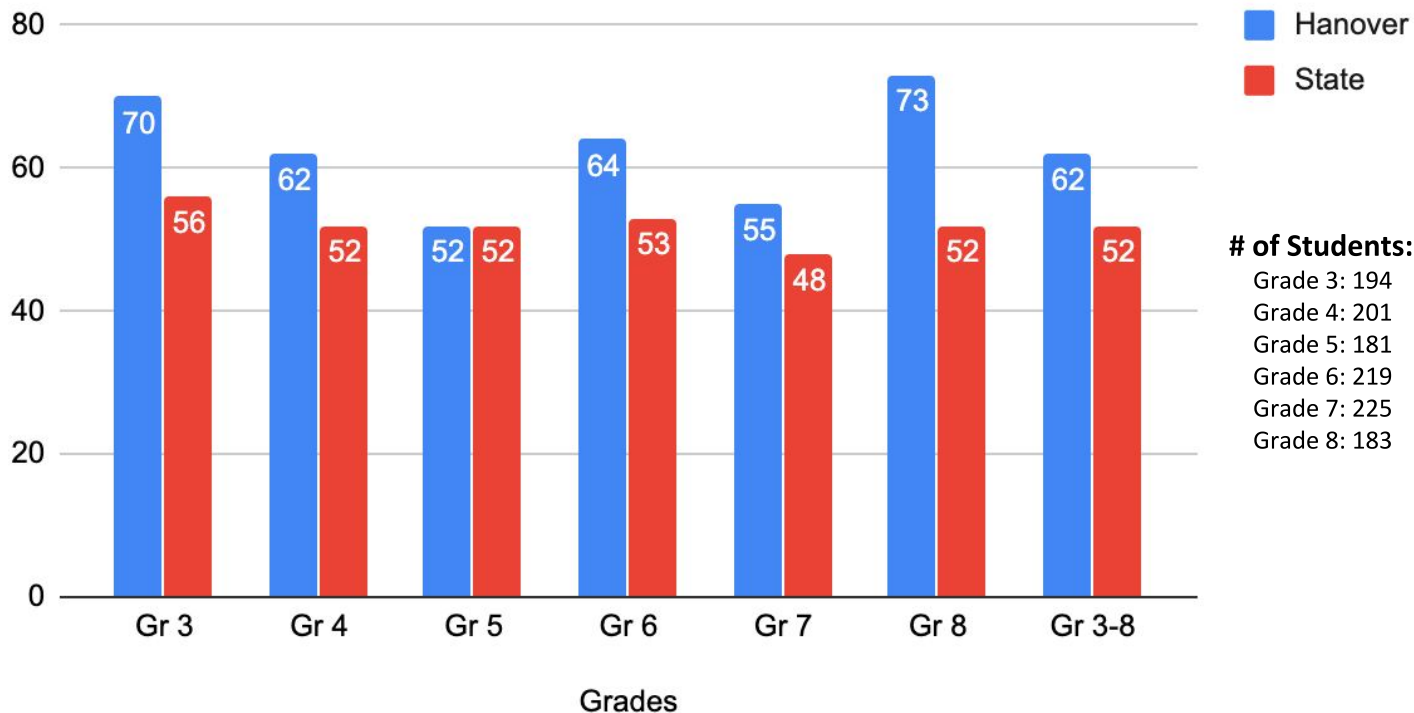




English Language Arts Results Grades 3-8 Meeting/Exceeding Expectations

2019 MCAS English Language Arts:

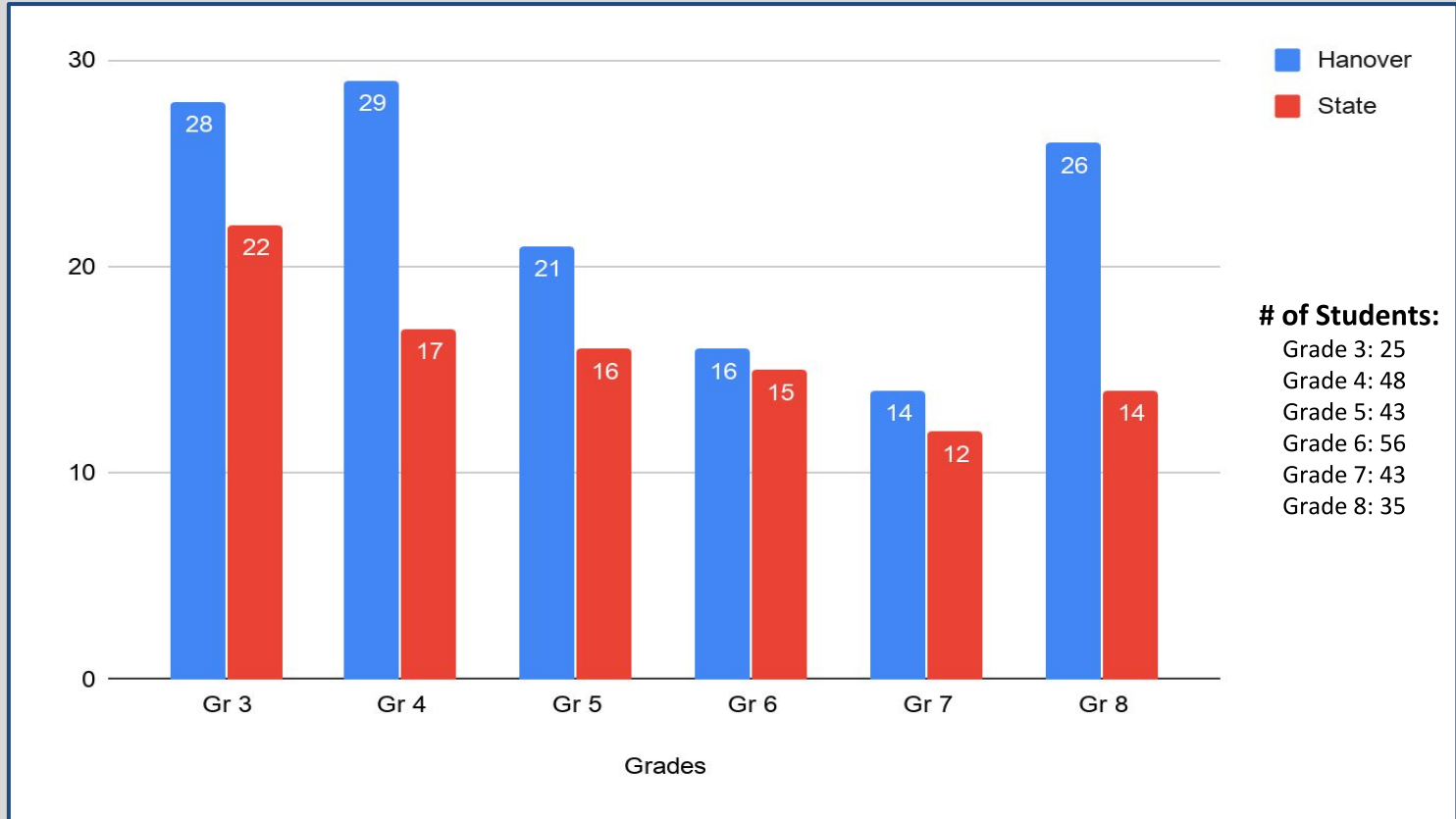
Percentage of Students Meeting & Exceeding Expectations





2019 MCAS English Language Arts:

Percentage of Students with Disabilities Meeting & Exceeding Expectations



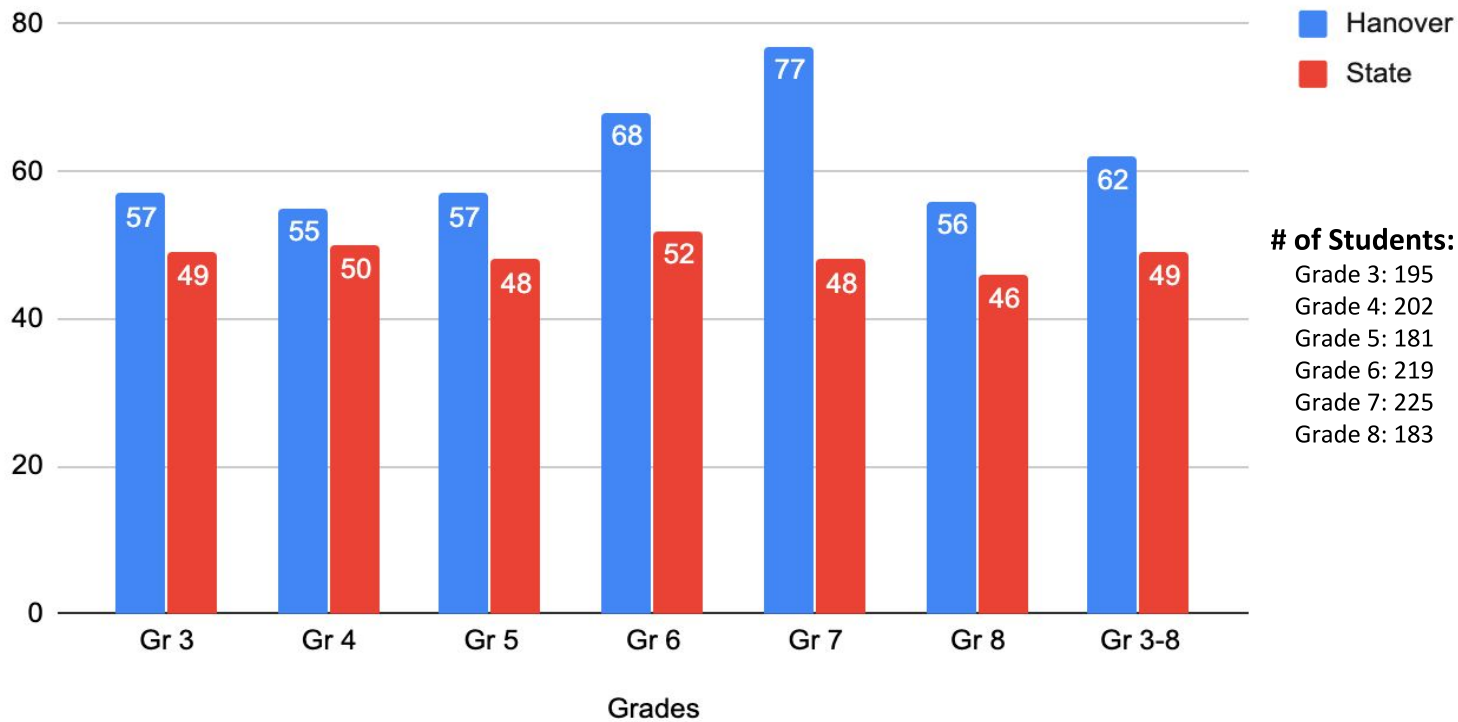


Mathematics Results

Grades 3-8 Meeting/Exceeding Expectations

2019 MCAS Mathematics:

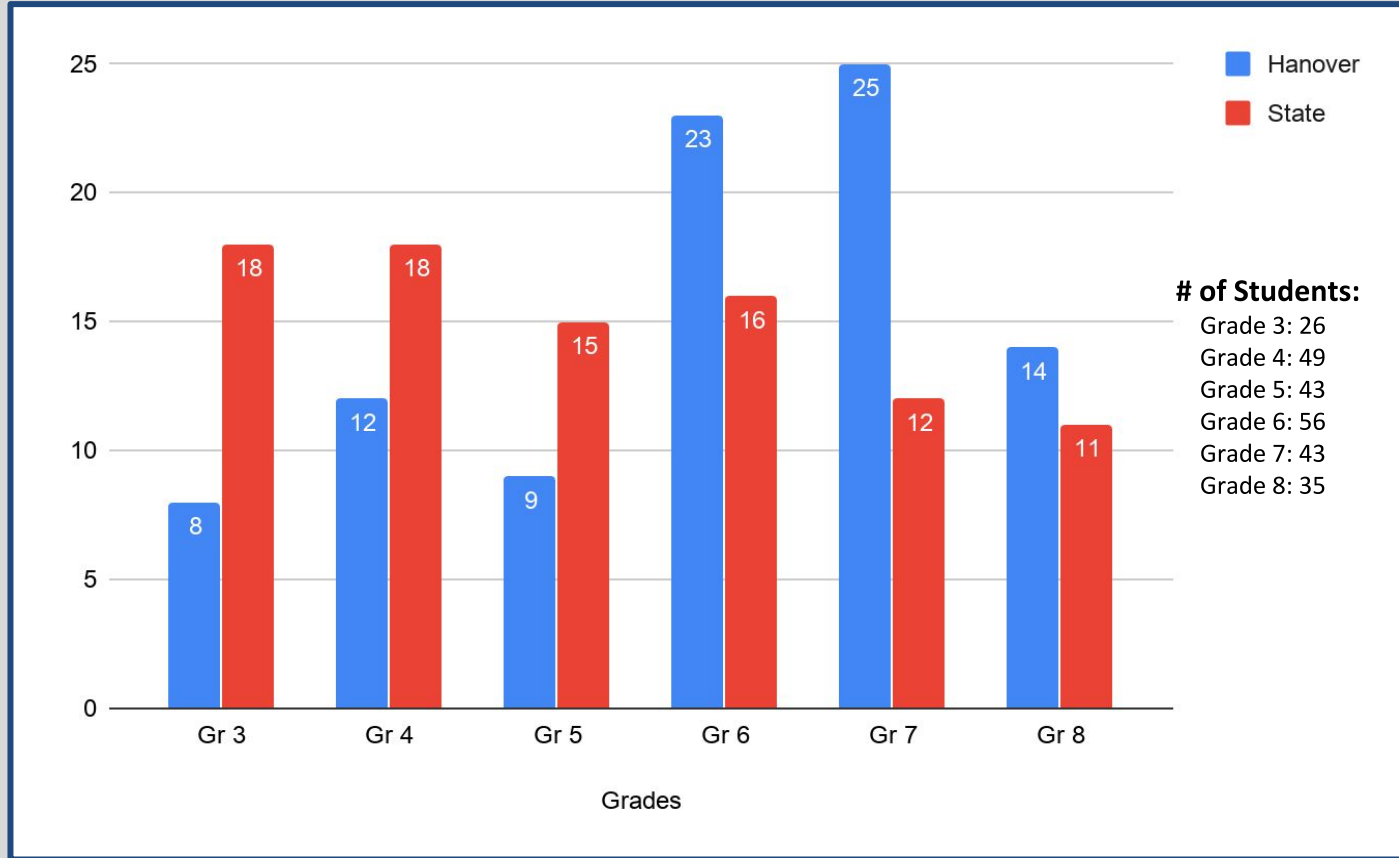
Percentage of Students Meeting & Exceeding Expectations





2019 MCAS Math:

Percentage of Students with Disabilities Meeting & Exceeding Expectations





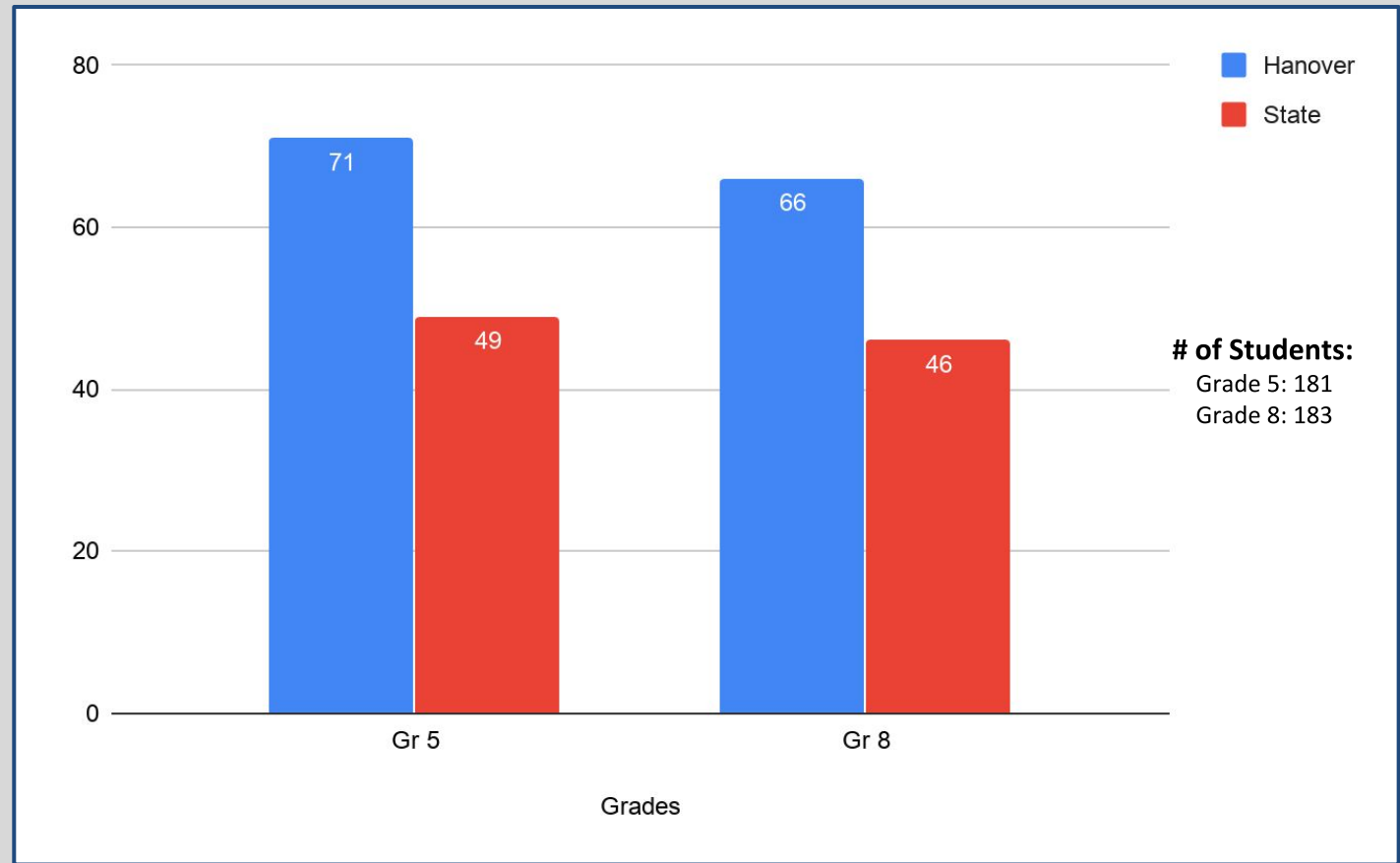
Science & Technology/Engineering Results

Grades 5 & 8 Meeting/Exceeding Expectations



2019 MCAS Science & Technology/Engineering:

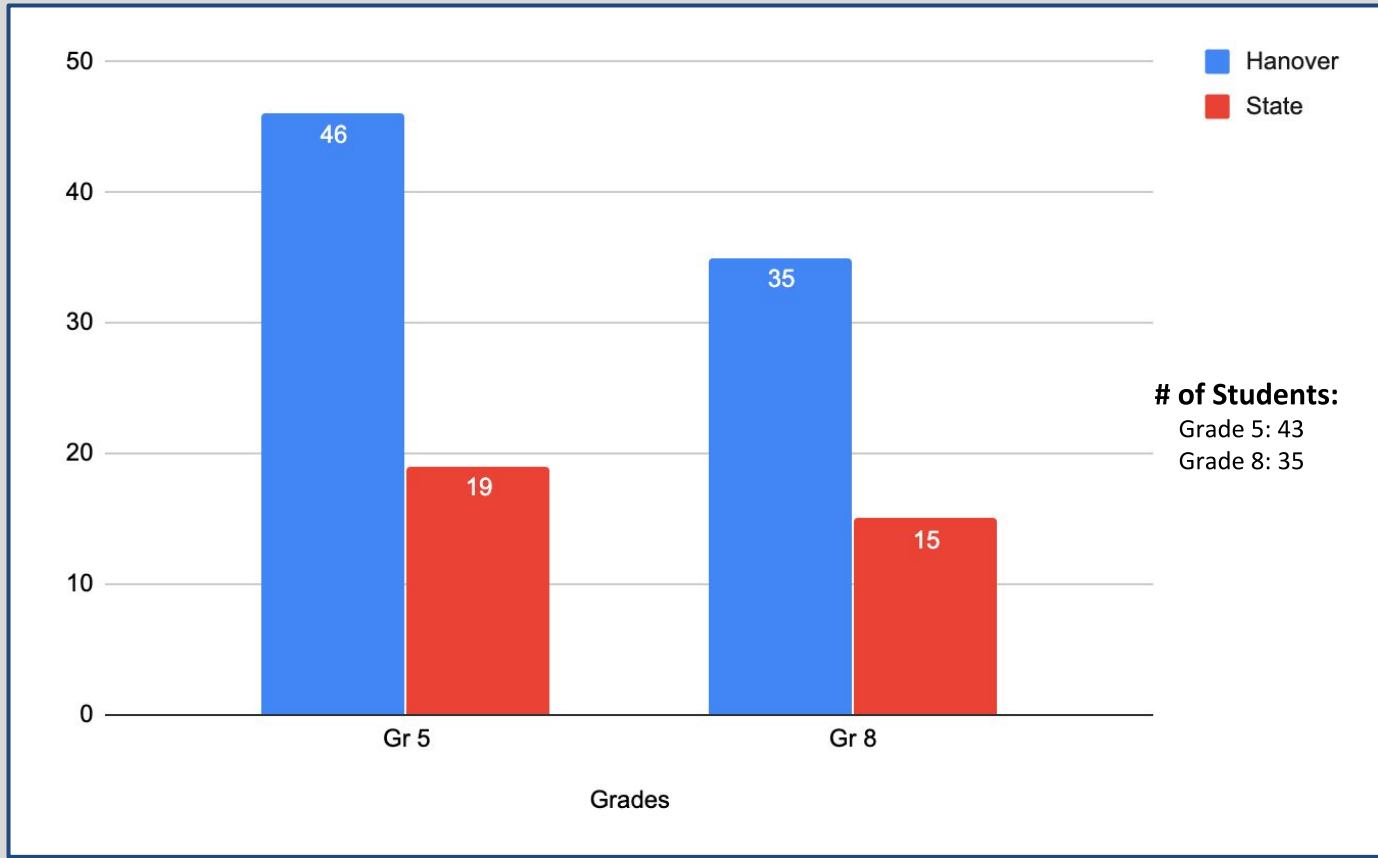
Percentage of Students Meeting & Exceeding Expectations





2019 MCAS Science & Technology/Engineering:

Percentage of Students With Disabilities: Meeting & Exceeding Expectations



Accountability

Non-High School Accountability Indicators

Massachusetts' accountability system is designed to measure how a school or district is doing and what kind of support it may need. The accountability system considers:

Achievement ✓	MCAS scores in English Language Arts, Math, and Science
Student Growth ✓	Student growth percentiles in English Language Arts and Math
High School Completion	<ul style="list-style-type: none"> Extended engagement rate (5-year cohort graduation rate plus the percentage of students from the cohort still enrolled) Annual Dropout rate
Progress Towards English Proficiency ✓	Percentage of English learners meeting annual targets in order to be English proficient in 6 years
Chronic Absenteeism ✓	Percentage of students missing 10% or more of the days they were enrolled at a given school during a school year
Advanced Coursework Completion	Percentage of 11th and 12th graders completing advanced coursework (Advanced Placement, International Baccalaureate, dual enrollment courses, and other selected rigorous courses)



2019 Progress toward Improvement targets

Indicator		All students (Non-high school grades)			Lowest performing students (Non-high school grades)			All students (High school grades)			Lowest performing students (High school grades)		
		Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %
Achievement	English language arts achievement	3	4	-	2	4	-	4	4	-	4	4	-
	Mathematics achievement	4	4	-	4	4	-	4	4	-	4	4	-
	Science achievement	3	4	-	-	-	-	3	4	-	-	-	-
	Achievement total	10	12	67.5	6	8	67.5	11	12	47.5	8	8	67.5
Growth	English language arts growth	3	4	-	3	4	-	2	4	-	0	4	-
	Mathematics growth	3	4	-	3	4	-	2	4	-	1	4	-
	Growth total	6	8	22.5	6	8	22.5	4	8	22.5	1	8	22.5
High school completion	Four-year cohort graduation rate	-	-	-	-	-	-	4	4	-	-	-	-
	Extended engagement rate	-	-	-	-	-	-	4	4	-	-	-	-
	Annual dropout rate	-	-	-	-	-	-	4	4	-	-	-	-
	High school completion total	-	-	-	-	-	-	12	12	20.0	-	-	-
Progress toward attaining English language proficiency	English language proficiency total	-	-	-	-	-	-	-	-	-	-	-	-
Additional indicators	Chronic absenteeism	3	4	-	2	4	-	0	4	-	0	4	-
	Advanced coursework completion	-	-	-	-	-	-	3	4	-	-	-	-
	Additional indicators total	3	4	10.0	2	4	10.0	3	8	10.0	0	4	10.0
Weighted total		8.4	10.3	-	5.6	7.6	-	8.8	10.7	-	5.6	7.6	-
Percentage of possible points		82%		-	74%		-	82%		-	74%		-
Percentage of possible points by gradespan		78% Weight of non-high school results:66%						78% Weight of high school results:34%					
2019 Annual criterion-referenced target percentage		78%											

2019 MCAS Achievement: Grades 3-8 English Language Arts

ENGLISH LANGUAGE ACHIEVEMENT: NON-HIGH SCHOOL AVERAGE COMPOSITE SCALED SCORE

GROUP	2019 ACHIEVEMENT	2019 TARGET	POINTS EARNED OUT OF 4 POSSIBLE POINTS	REASON
All Students	506.5	506.9	3	Met Target
Lowest Performing	486.8	487.5	2	Improved: Below Target
High Needs	492.2	493.1	2	Improved: Below Target
Students with Disabilities	487.1	488.9	1	No Change
White	506.8	507.3	3	Met Target

2019 MCAS Growth: Grades 3-8 English Language Arts

ENGLISH LANGUAGE GROWTH: NON-HIGH SCHOOL				
GROUP	2019 MEAN STUDENT GROWTH PERCENTILE (SGP)	# OF STUDENTS	POINTS EARNED OUT OF 4 POSSIBLE POINTS	REASON
All Students	50.4	970	3	Typical Growth - High
Lowest Performing	51.7	235	3	Typical Growth - High
High Needs	47.1	279	2	Typical Growth - Low
Students with Disabilities	44.8	205	2	Typical Growth - Low
White	50.1	904	3	Typical Growth - High

2019 MCAS Achievement: Grades 3-8 Mathematics

MATHEMATICS ACHIEVEMENT: NON-HIGH SCHOOL AVERAGE COMPOSITE SCALED SCORE				
GROUP	2019 ACHIEVEMENT	2019 TARGET	POINTS EARNED OUT OF 4 POSSIBLE POINTS	REASON
All Students	505.8	504.8	4	Exceeded Target
Lowest Performing	486.9	486.1	4	Exceeded Target
High Needs	491.0	490.9	3	Met Target
Students with Disabilities	485.8	487.0	2	Improved: Below Target
White	506.2	504.7	4	Exceeded Target

2019 MCAS Growth: Grades 3-8 Mathematics

MATHEMATICS GROWTH: NON-HIGH SCHOOL				
GROUP	2019 MEAN STUDENT GROWTH PERCENTILE (SGP)	# OF STUDENTS	POINTS EARNED OUT OF 4 POSSIBLE POINTS	REASON
All Students	54.5	972	3	Typical Growth - High
Lowest Performing	53.7	237	3	Typical Growth - High
High Needs	51.9	281	3	Typical Growth - High
Students with Disabilities	49.6	207	2	Typical Growth - Low
White	54.5	906	3	Typical Growth - High



2019 MCAS Achievement: Grades 5 & 8 Science

SCIENCE ACHIEVEMENT: NON-HIGH SCHOOL COMPOSITE PERFORMANCE INDEX (CPI)				
GROUP	2019 ACHIEVEMENT	2019 TARGET	POINTS EARNED OUT OF 4 POSSIBLE POINTS	REASON
All Students	84.0	84.4	3	Met Target
High Needs	72.0	68.7	4	Exceeded Target
Students with Disabilities	68.6	62.4	4	Exceeded Target
White	84.2	85.1	3	Met Target

2019 MCAS

DART & Local Communities Data

2019 MCAS DART DISTRICTS DATA								
STATE & DISTRICTS	PERCENTAGE MEETING OR EXCEEDING EXPECTATIONS GRADE 3-8				STUDENT GROWTH PERCENTILE GRADE 3-8			
	ENGLISH LANGUAGE ARTS		MATHEMATICS		ENGLISH LANGUAGE ARTS		MATHEMATICS	
	2018	2019	2018	2019	2018	2019	2018	2019
State	51%	52%	48%	49%	50.0	49.9	50.0	49.9
Hanover	61%	62%	58%	62%	50.2	50.4	52.5	54.5
Groton-Dunstable	62%	68%	66%	68%	46.0	53.2	55.2	57.7
Newburyport	59%	60%	53%	53%	50.2	48.1	48.9	47.2
Lynnfield	71%	77%	76%	77%	49.3	54.8	51.5	49.2
Wilmington	58%	59%	63%	67%	47.2	46.1	55.6	56.3

2019 MCAS

DART & Local Communities Data

2019 MCAS LOCAL COMMUNITIES DATA								
STATE & DISTRICTS	PERCENTAGE MEETING OR EXCEEDING EXPECTATIONS GRADE 3-8				STUDENT GROWTH PERCENTILE GRADE 3-8			
	ENGLISH LANGUAGE ARTS		MATHEMATICS		ENGLISH LANGUAGE ARTS		MATHEMATICS	
	2018	2019	2018	2019	2018	2019	2018	2019
State	51%	52%	48%	49%	50.0	49.9	50.0	49.9
Hanover	61%	62%	58%	62%	50.2	50.4	52.5	54.5
Norwell	73%	74%	68%	71%	58.2	56.3	65.6	59.0
Carver	44%	44%	37%	42%	44.7	44.3	45.7	50.0
Duxbury	72%	71%	66%	65%	57.6	52.7	53.1	47.6
Rockland	40%	49%	42%	45%	56.4	54.9	52.1	50.6
Scituate	72%	71%	64%	67%	55.0	49.1	46.1	49.0



Next Steps





How Do I Learn More?

MCAS Parents Page <http://www.doe.mass.edu/mcas/parents/>

- Resources include:
 - Annotated Parent/Guardian Report
 - Frequently Asked Questions (FAQs)
 - Item Descriptions

MCAS Parent Guide (available in several languages):

<http://www.doe.mass.edu/commissioner/Back-to-School/>