

2019 MCAS Achievement Levels and Accountability Results For Peabody Public Schools



Presentation Agenda for Peabody Public Schools

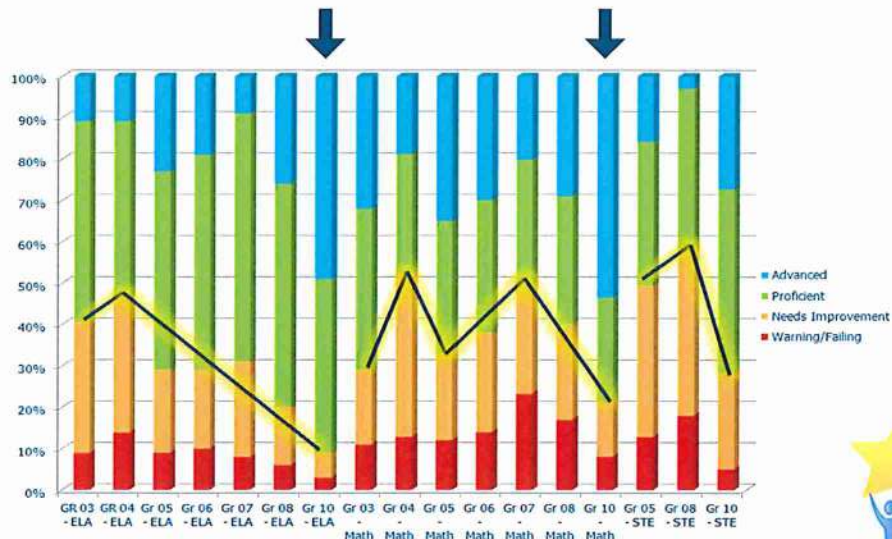
- **Part 1: MCAS Results**

- Statewide results for all grades and subjects (Legacy vs. Next Generation)
- Overall gains across grades 3–8, with some grades and subjects showing larger increases
- Focus on transition to next-generation grade 10 test

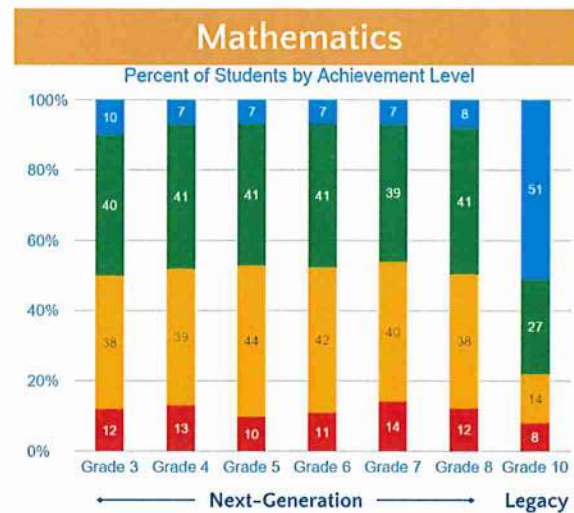
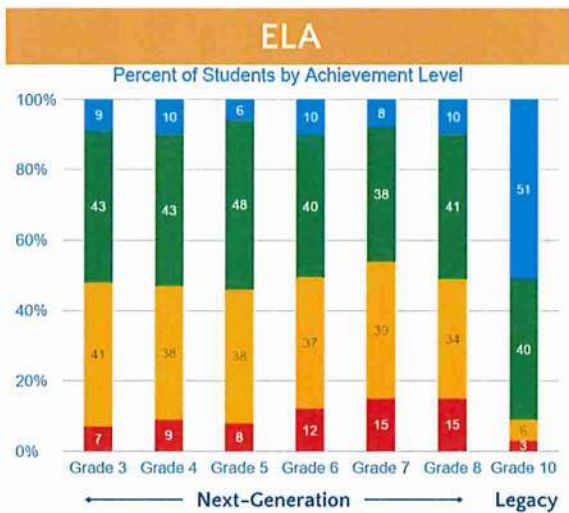
- **Part 2: Accountability Overview**

- Peabody Public School District at 40% (up from 27%)--Moderate progress toward Targets

State Level Legacy Achievement Level Results (2015)

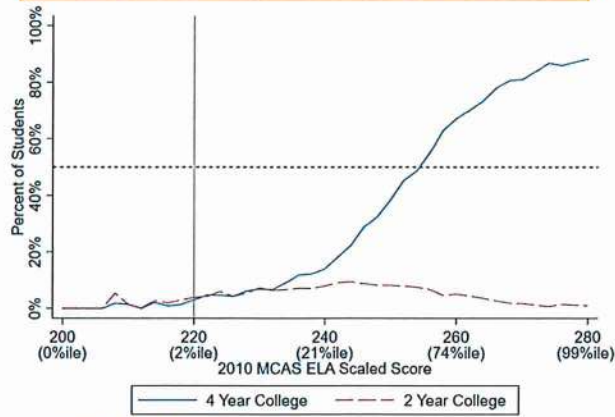


Grade 10 Transition: Legacy Compared to Grades 3–8 (2018)

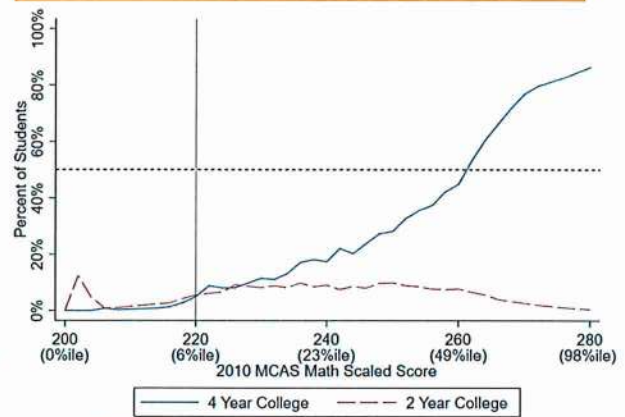


... most of the *Proficient* and very few *Needs Improvement* students graduated from college within eight years.

% Graduating College by ELA



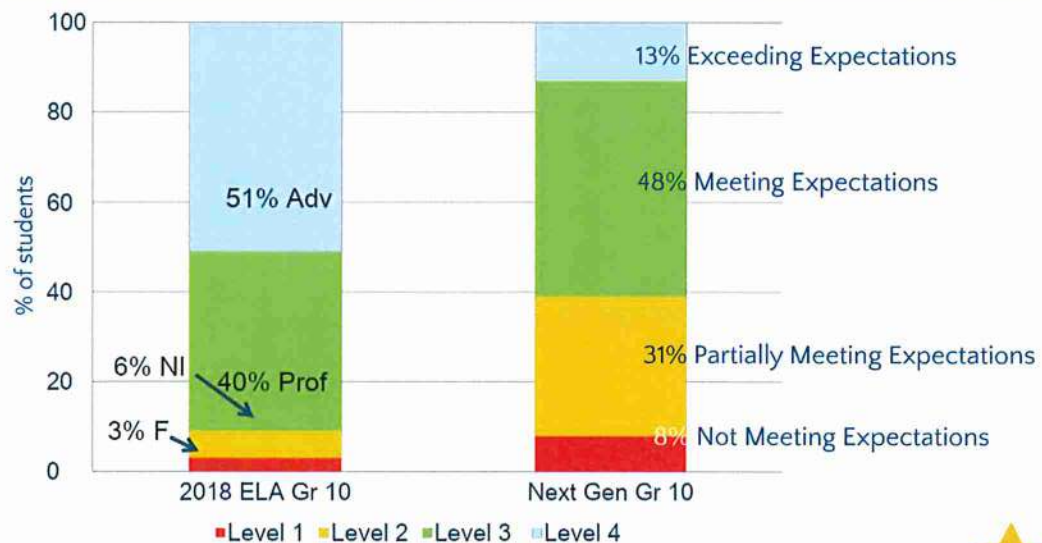
% Graduating College by Math



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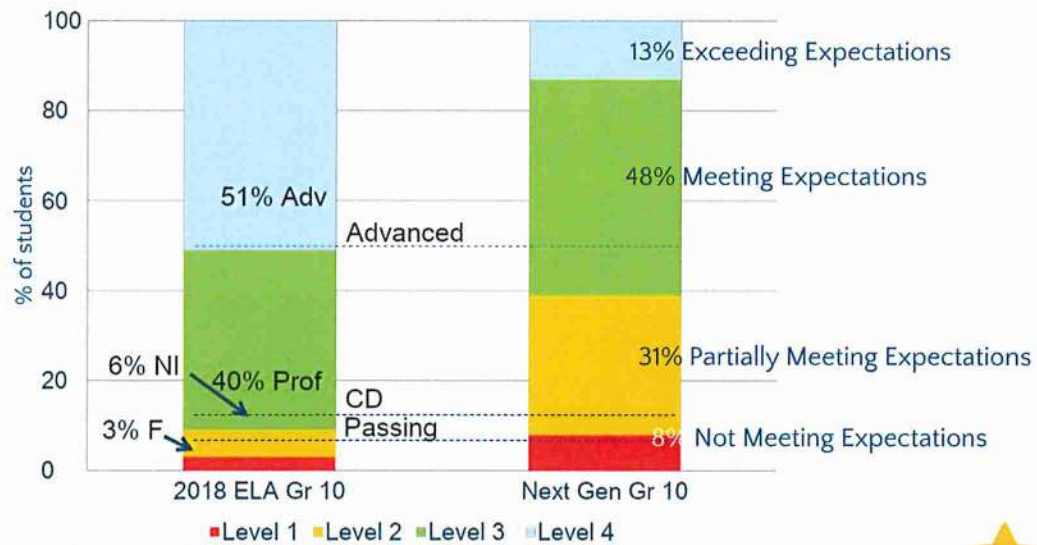
Statistical Equipercentile Linking Model (ELA example)



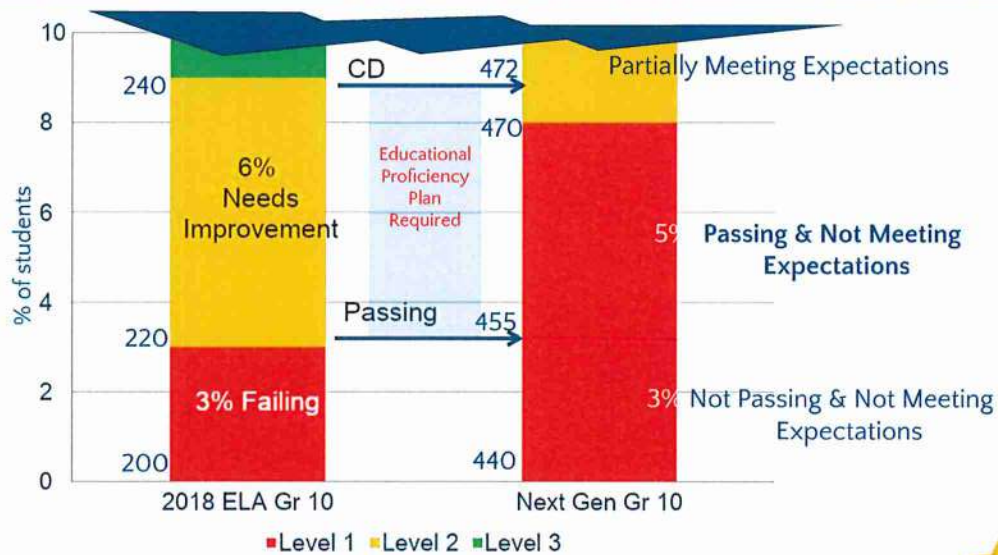
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Statistical Linking Model (ELA)



Zooming in on the Pass/Fail Line (ELA)





2019 Accountability Data Summary for Peabody Public Schools



Reminder of Target Areas for Accountability System

- **Achievement**
 - ELA, Math, Science
- **Student Growth**
 - ELA, Math
- **High School Completion**
 - 4 Year Graduation Rate, Extended Graduation Rate, Dropout Rate
- **Progress Towards English Proficiency** (English Learners)
- **Chronic Absenteeism** (More than 10% Days Missed)
- **Advanced Coursework Completion** (11th/12th Graders)
 - AP Courses, Dual Enrollment, other Rigorous Classes



2019 Accountability Data Summary

- Accountability categories for districts (397 districts)
 - 16% categorized as “Meeting or exceeding targets”
 - 55% categorized as “Substantial progress toward targets”
 - 22% categorized as “Moderate progress toward targets” (40%)
 - 2019 (49%--Annual Criterion Referenced Target Percentage)
 - 2018 (27%--Partially Meeting Targets)
 - 1% categorized as “Limited or no progress toward targets”
 - 5% categorized as “In need of focused/targeted support”
 - 2% categorized as “In need of broad/comprehensive support”



Reminder of Target percentage

Category	Declined	No change	Improved	Met target	Exceeded target
Points	0	1	2	3	4
Target %	0%	25%	50%	75%	100%



Peabody Public School District Profile



Questions?



Massachusetts School and District Profiles

Peabody

2019 Official Accountability Report - Peabody

Organization Information	
DISTRICT NAME Peabody (02290000)	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
Reason for classification	
Moderate progress toward targets	
Progress toward improvement targets	Accountability percentile
40% - Moderate progress toward targets	-

OVERALL RESULTS SUBGROUP RESULTS DETAILED DATA FOR EACH INDICATOR SCHOOLS IN THIS DISTRICT

Overall progress toward improvement targets

	2018	2019
Annual criterion-referenced target percentage	27%	49%
Weight	40%	60%
Cumulative criterion-referenced target percentage (2018 x 40%) + (2019 x 60%)	40%	
	Moderate progress toward targets	

2019 Points awarded

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	0	4	-	2	4	-	3	4	-	2	4	-
	Mathematics achievement	1	4	-	3	4	-	4	4	-	4	4	-
	Science achievement	3	4	-	-	-	-	3	4	-	-	-	-
	Achievement total	4	12	60.0	5	8	67.5	10	12	40.0	6	8	67.5
Growth	English language arts growth	2	4	-	2	4	-	2	4	-	0	4	-
	Mathematics growth	2	4	-	2	4	-	2	4	-	1	4	-
	Growth total	4	8	20.0	4	8	22.5	4	8	20.0	1	8	22.5
High school completion	Four-year cohort graduation rate	-	-	-	-	-	-	0	4	-	-	-	-
	Extended engagement rate	-	-	-	-	-	-	0	4	-	-	-	-
	Annual dropout rate	-	-	-	-	-	-	0	4	-	-	-	-
	High school completion total	-	-	-	-	-	-	0	12	20.0	-	-	-
Progress toward attaining English language proficiency	English language proficiency total	3	4	10.0	-	-	-	0	4	10.0	-	-	-
Additional indicators	Chronic absenteeism	0	4	-	0	4	-	4	4	-	4	4	-
	Advanced coursework completion	-	-	-	-	-	-	0	4	-	-	-	-
	Additional indicators total	0	4	10.0	0	4	10.0	4	8	10.0	4	4	10.0
Weighted total		3.5	9.6	-	4.3	7.6	-	5.2	10.0	-	4.7	7.6	-
Percentage of possible points		37%			57%			52%			62%		
Percentage of possible points by gradespan		47%			Weight of non-high school results:73%			57%			Weight of high school results:27%		
2019 Annual criterion-referenced target percentage								49%					

2018 Points awarded

2018 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	0	4	-	2	4	-	0	4	-	0	4	-
	Mathematics achievement	0	4	-	2	4	-	0	4	-	0	4	-

Growth	Science achievement	1	4	-	-	-	-	0	4	-	-	-	-
	Achievement total	1	12	60.0	4	8	67.5	0	12	40.0	0	8	67.5
	English language arts growth	2	4	-	2	4	-	1	4	-	0	4	-
	Mathematics growth	2	4	-	2	4	-	3	4	-	1	4	-
High school completion	Growth total	4	8	20.0	4	8	22.5	4	8	20.0	1	8	22.5
	Four-year cohort graduation rate	-	-	-	-	-	-	1	4	-	-	-	-
	Extended engagement rate	-	-	-	-	-	-	3	4	-	-	-	-
	Annual dropout rate	-	-	-	-	-	-	2	4	-	-	-	-
Progress toward attaining English language proficiency	High school completion total	-	-	-	-	-	-	6	12	20.0	-	-	-
	English language proficiency total	1	4	10.0	-	-	-	4	4	10.0	-	-	-
	Chronic absenteeism	0	4	-	0	4	-	0	4	-	4	4	-
	Additional indicators	-	-	-	-	-	-	0	4	-	-	-	-
Additional indicators	Additional indicators total	0	4	10.0	0	4	10.0	0	8	10.0	4	4	10.0
	Weighted total	1.5	9.6	-	3.6	7.6	-	2.4	10.0	-	0.6	7.6	-
	Percentage of possible points	16%		-	47%		-	24%		-	8%		-
	Percentage of possible points by gradespan	32%						16%					
2018 Annual criterion-referenced target percentage		Weight of non-high school results:70%						Weight of high school results:30%					
27%													

About this Report

Overall classification: All Massachusetts districts and schools with sufficient data are classified into one of two accountability categories: districts and schools requiring assistance or intervention, and districts and schools not requiring assistance or intervention. The reason(s) for the district's or school's classification are noted on this report.

Progress toward improvement targets: The criterion-referenced target percentage combines multiple years of data related to achievement, growth, high school completion, English learner progress, advanced coursework completion, and chronic absenteeism into a single number between 0 and 100. For a group to be considered to be meeting targets it must have a cumulative criterion-referenced target percentage of 75% or higher.

The annual criterion-referenced target percentage is calculated by dividing the weighted total points earned by the weighted total possible points. The calculation for each is displayed below.

$$\text{Weighted total of points earned} = (\text{Total achievement points earned} \times \text{Achievement weight}) + (\text{Total growth points earned} \times \text{Growth weight}) + (\text{Total high school completion points earned} \times \text{high school completion weight}) + (\text{EL progress points earned} \times \text{EL progress weight}) + (\text{Total additional indicator points earned} \times \text{Additional indicator weight})$$

The cumulative criterion-referenced target percentage represents a weighted average of the annual criterion-referenced target percentages. At a minimum, a group must have an annual criterion-referenced target percentage for the most recent year in order to receive a cumulative percentage.

Accountability percentile: An accountability percentile between 1 and 99 is reported for most schools. This number is an indication of the school's overall performance relative to other schools that serve similar grades, and is calculated using multiple years of data for all accountability indicators. School percentiles are not calculated for districts.

Resources

 Interpretive Materials

 Glossary of 2019 Accountability Terms