


2019 Arlington Public Schools MCAS /Accountability Report

School Committee Meeting
October 10, 2019

Presenter: Dr. Roderick MacNeal, Jr.
Assistant Superintendent

Objectives

- Next Generation Achievement Levels
 - Define Student Growth Percentile
 - What's new for the 2019 Accountability reporting system
 - Arlington Public Schools Accountability Ratings
 - District Grade Level Exceeding/Meeting Achievement Results
 - Questions/Comments
- 

Next Generation 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. The school, in consultation with the student's parent/guardian, should consider whether the student needs additional academic assistance to succeed in this subject.

Not Meeting Expectations

A student who performed at this level did not meet grade-level expectations in this subject. The school, in consultation with the student's parent/guardian, should determine the coordinated academic assistance and/or additional instruction the student needs to succeed in this subject.

Student Growth Percentiles (SGP)

SGPs are percentiles (ranging from 1 to 99) calculated by comparing one student's history of MCAS scores to the scores of all the other students in the state with a similar history of MCAS scores. We refer to this group of all other students with similar score histories as a student's *academic peers*. In simple terms, students earning high growth percentiles answered more questions correctly on the spring 2010 MCAS test than their academic peers; conversely, students earning low growth percentiles answered fewer questions correctly than their academic peers.



What's New for the 2019 Accountability Reporting System

- Expanded advanced coursework list
 - Includes Project Lead the Way (PLTW)
- Participation rate calculation
 - Subgroup participation rates calculated for all subjects combined. “All students” rate remains calculated separately by subject
- Using two years of data
 - Accountability percentiles & criterion-referenced target percentages include data from 2018 (40%) & 2019 (60%)
- Progress toward improvement targets reported in four categories
 - *Meeting or exceeding targets, substantial progress toward targets, moderate progress toward targets, & limited or no progress toward targets*

New District and School Accountability Levels

➤ **Progress toward improvement targets reported in four categories**

- Meeting or exceeding target percentage: (75-100)
- Substantial progress toward target percentage: (50-74)
- Moderate progress toward target percentage: (25-49)
- Limited or no progress toward target percentage: (0-24)



District/School Accountability

2019 District/ Non HS School Accountability Status

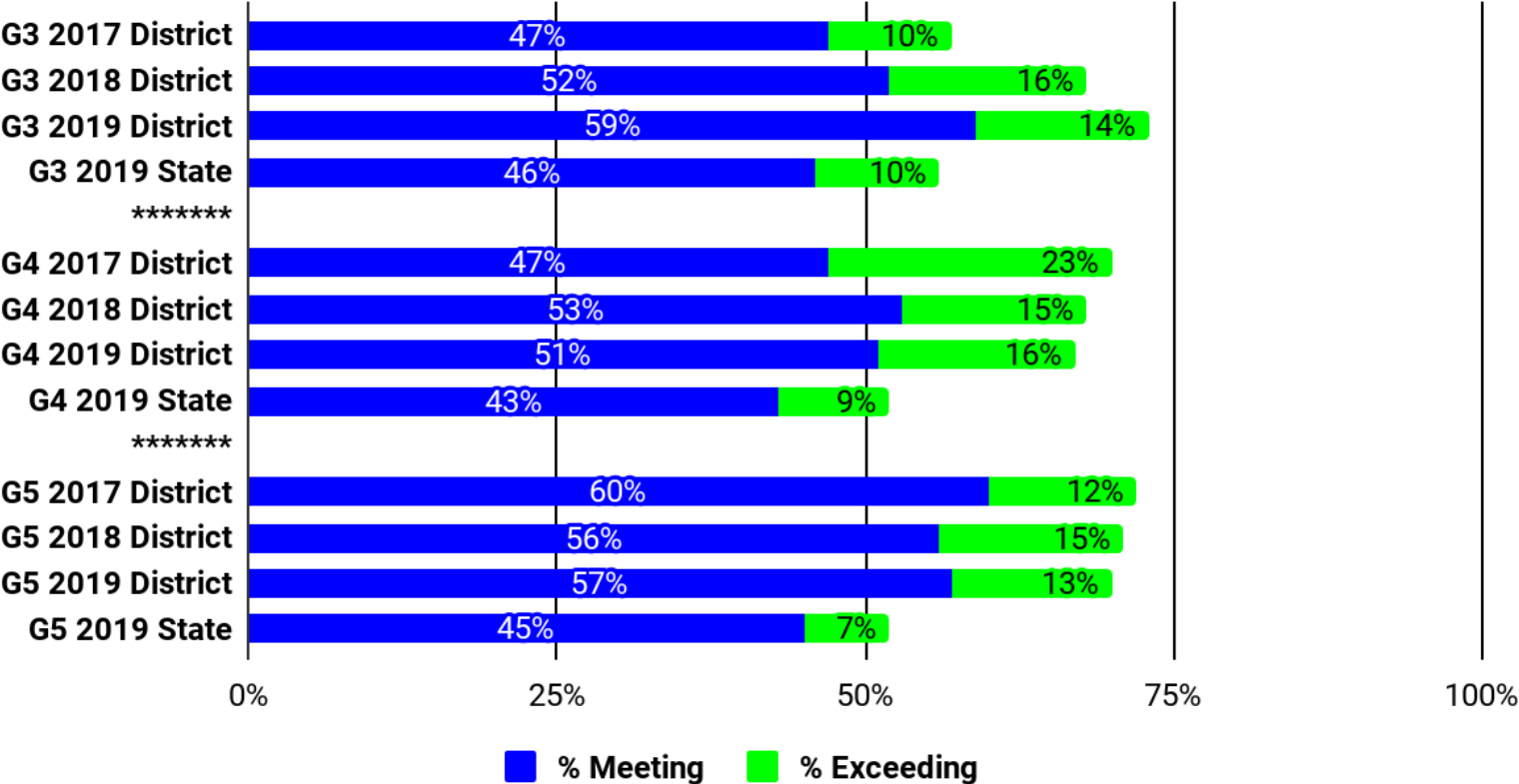
| District/ School | 2019 Cumulative Criterion- referenced target % | Accountability Status |
|-----------------------------|---|------------------------------|
| Arlington | 71% | Substantial Progress |
| Bishop | 64% | Substantial Progress |
| Brackett | 71% | Substantial Progress |
| Dallin | 71% | Substantial Progress |
| Hardy | 69% | Substantial Progress |
| Peirce | 61% | Substantial Progress |
| Stratton | 60% | Substantial Progress |
| Thompson | 73% | Substantial Progress |

2019 Arlington Secondary Accountability Status

| School | 2019 Cumulative Criterion-referenced target % | Accountability Status |
|------------------------------|--|------------------------------|
| Gibbs | 68% | Substantial Progress |
| Ottoson Middle School | 72% | Substantial Progress |
| Arlington High School | 55% | Substantial Progress |

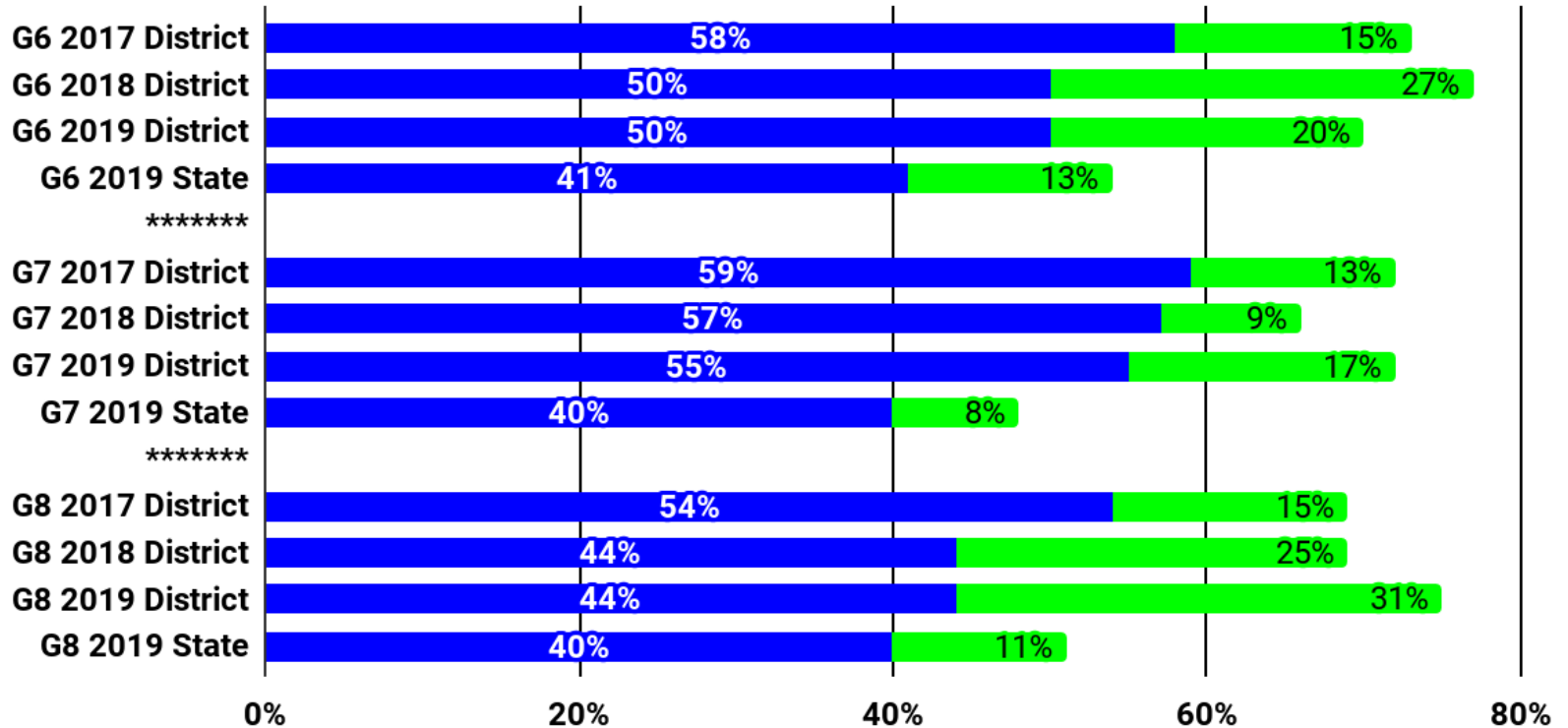
District ELA Results

Grades 3-5 ELA % Meeting or Exceeding Expectations



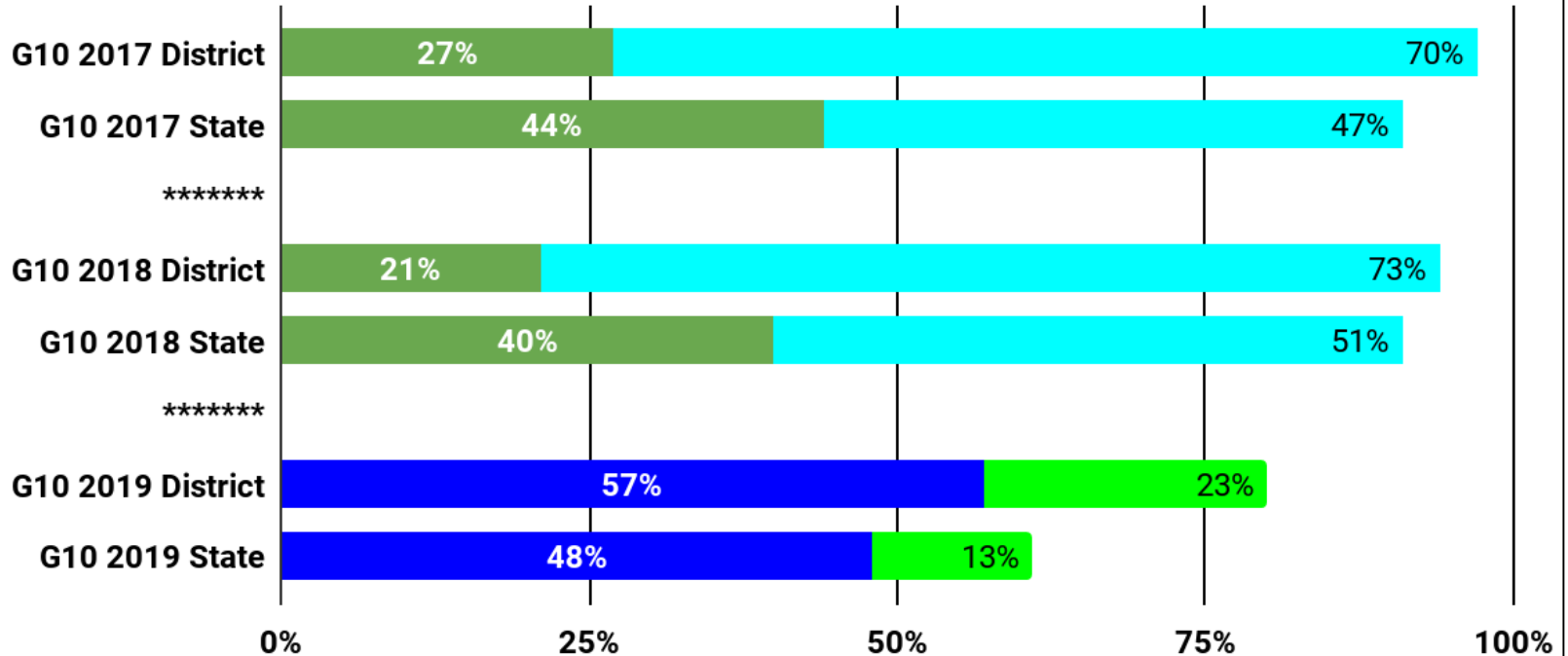
Grades 6-8 ELA % Meeting or Exceeding Expectations

■ % Meeting ■ % Exceeding



Grade 10 ELA % Proficient or Advanced; Meeting or Exceeding Expectations

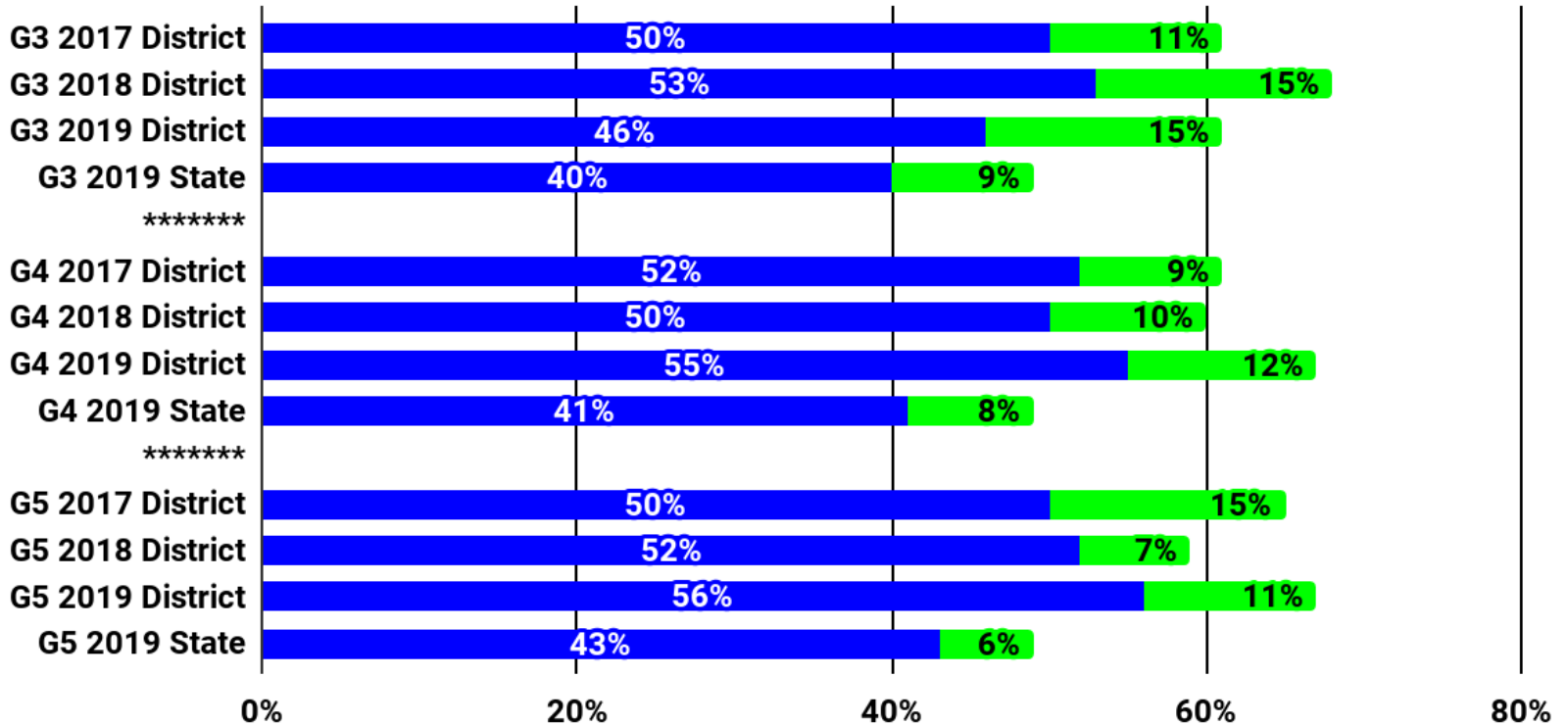
■ % Proficient ■ % Advanced ■ % Meeting ■ % Exceeding



District Math Results

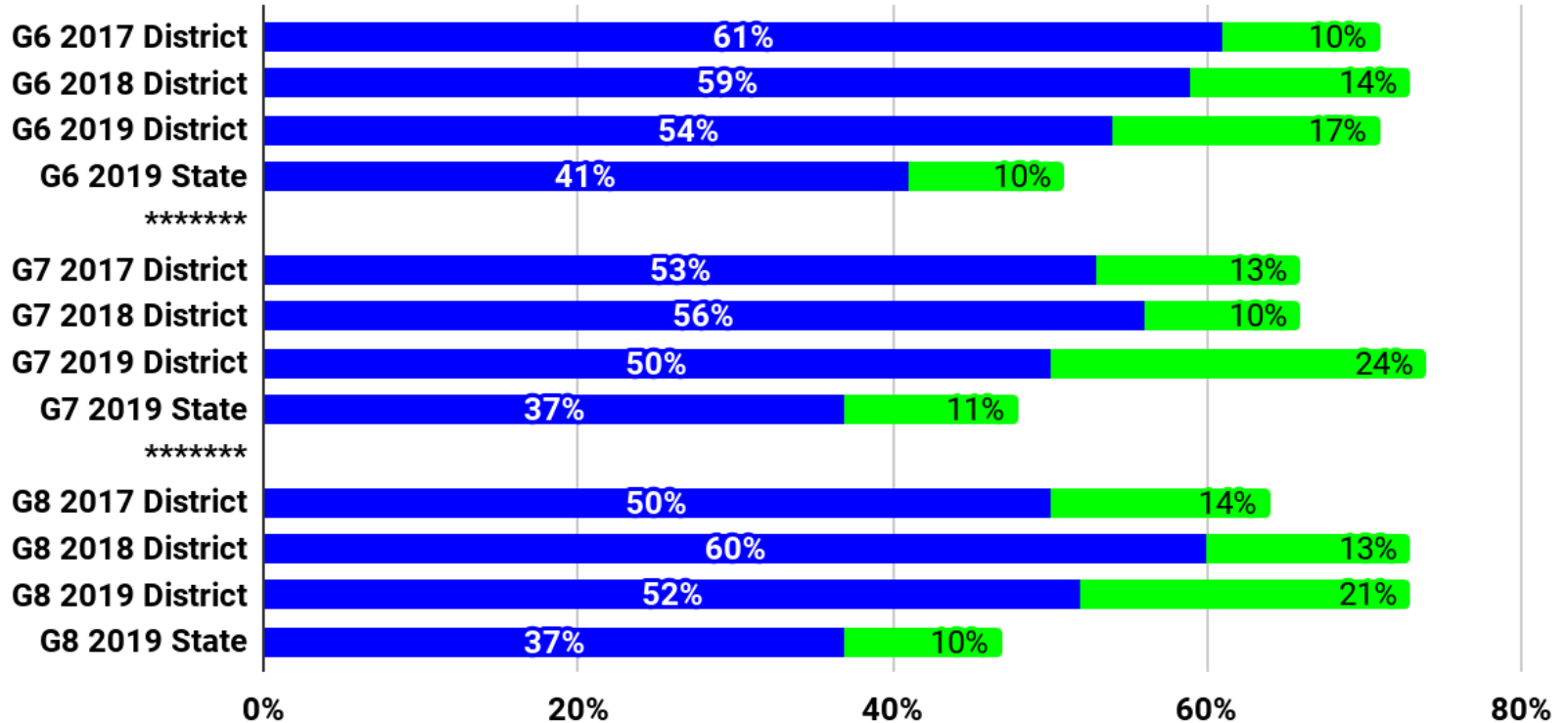
Grades 3-5 Math % Meeting or Exceeding Expectations

■ % Meeting ■ % Exceeding



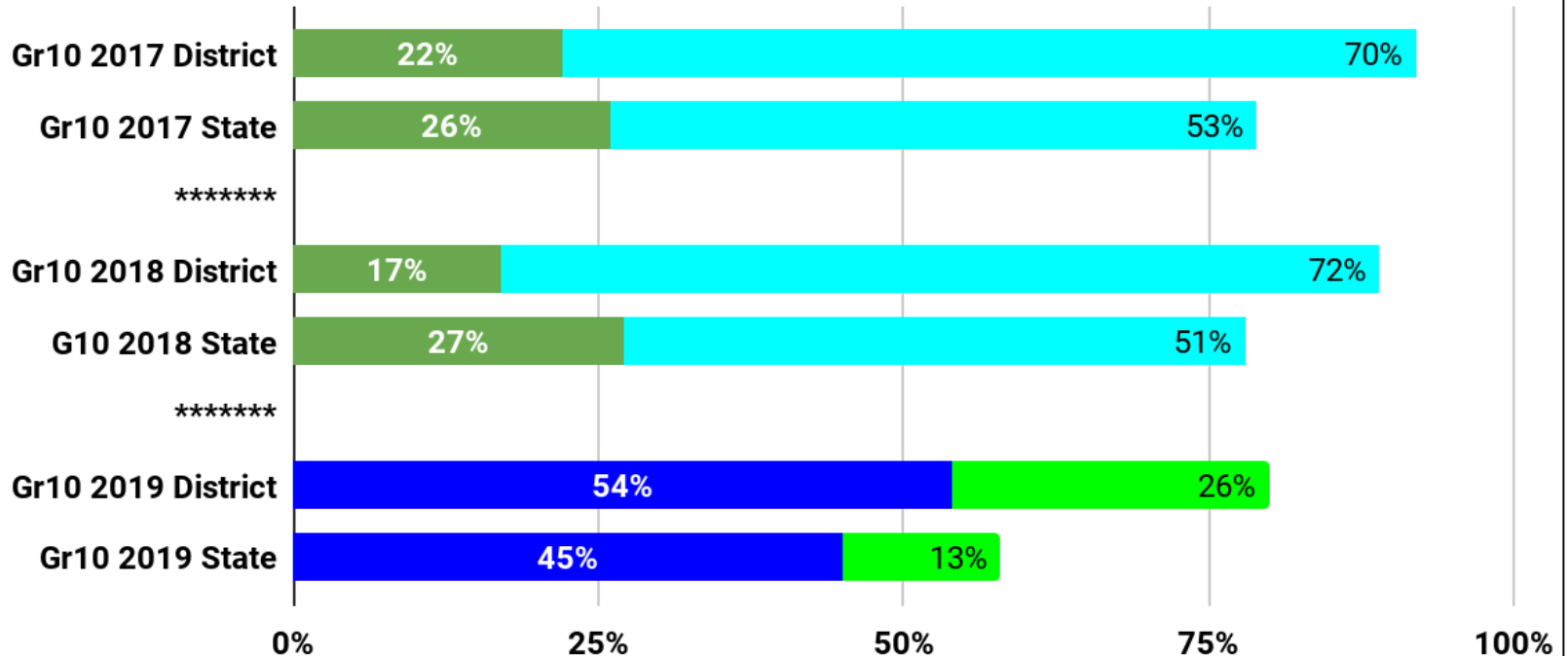
Grades 6-8 Math % Meeting or Exceeding Expectations


■ % Meeting ■ % Exceeding



Grade 10 Math % Proficient or Advanced; Meeting or Exceeding

■ % Proficient ■ % Advanced ■ % Meeting ■ % Exceeding

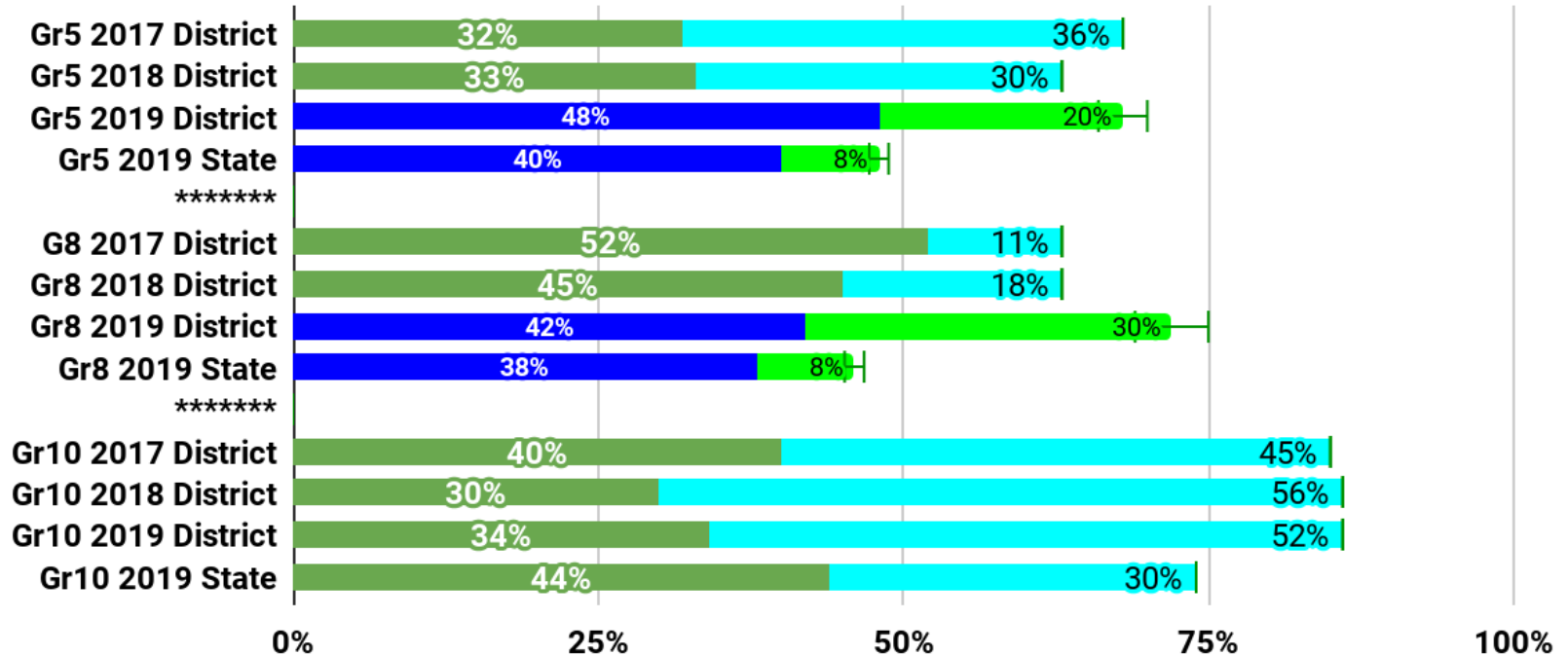




District Science/Technology & Engineering Results

Grade 5, 8 and 10 % Proficient or Advanced; Meeting or Exceeding

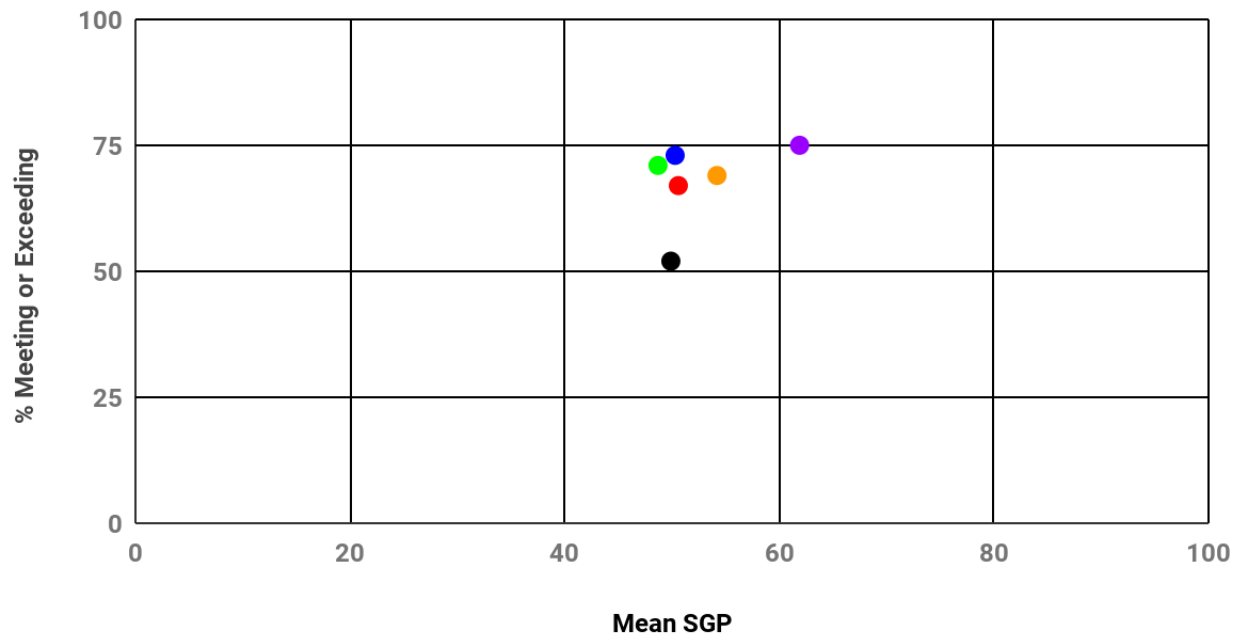
■ % Proficient
 ■ % Advanced
 ■ % Meeting
 ■ % Exceeding





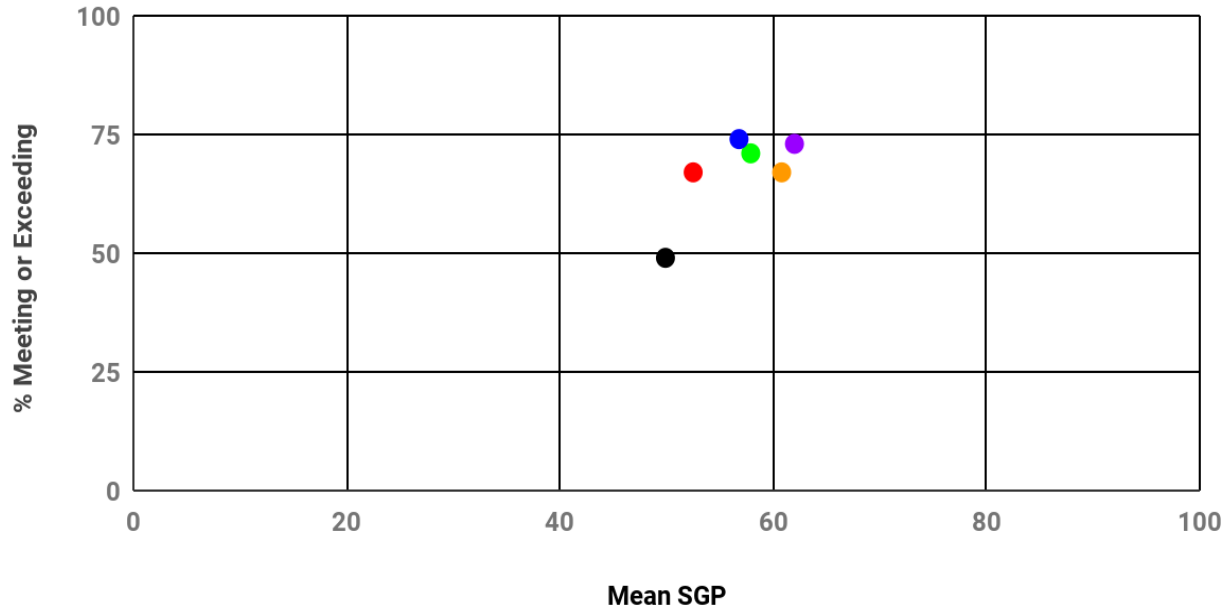
District Student Growth Percentile

MCAS Achievement and Growth by Grade 3-8 - ELA 2019



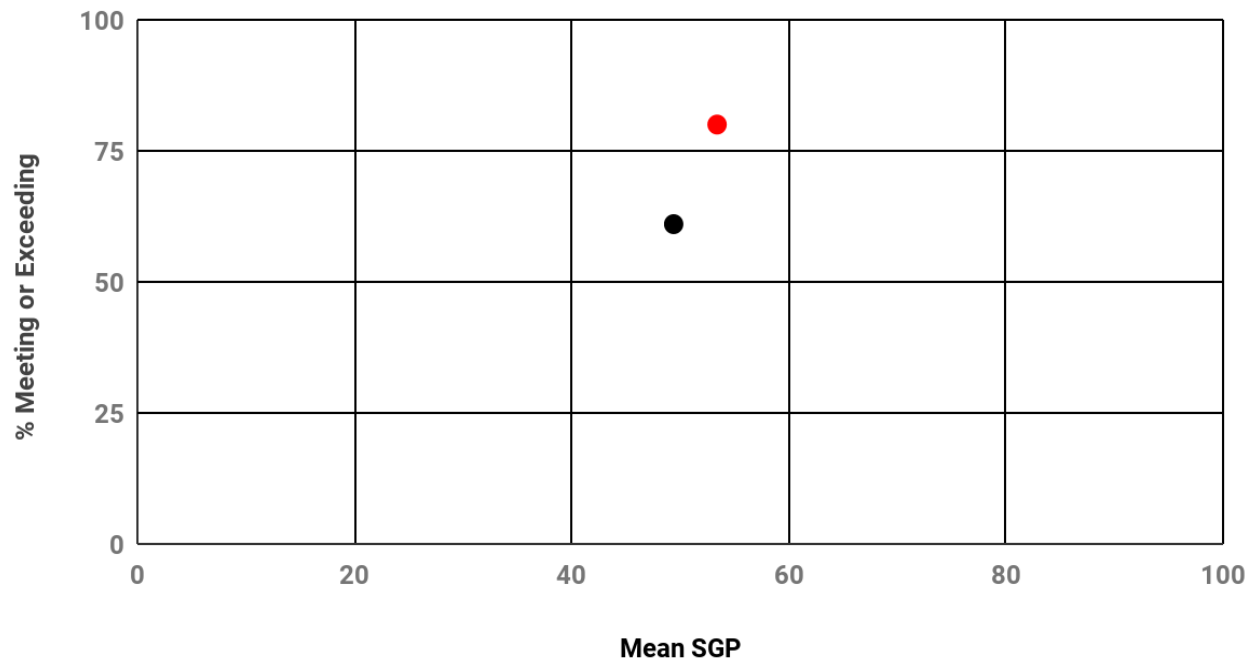
| Grade | Mean SGP | %M/E |
|-----------|----------|------|
| 4 | 50.6 | 67 |
| 5 | 54.2 | 69 |
| 6 | 48.7 | 71 |
| 7 | 50.3 | 73 |
| 8 | 61.9 | 75 |
| State 3-8 | 49.9 | 52 |

MCAS Achievement and Growth by Grade 3-8 - Mathematics 2019



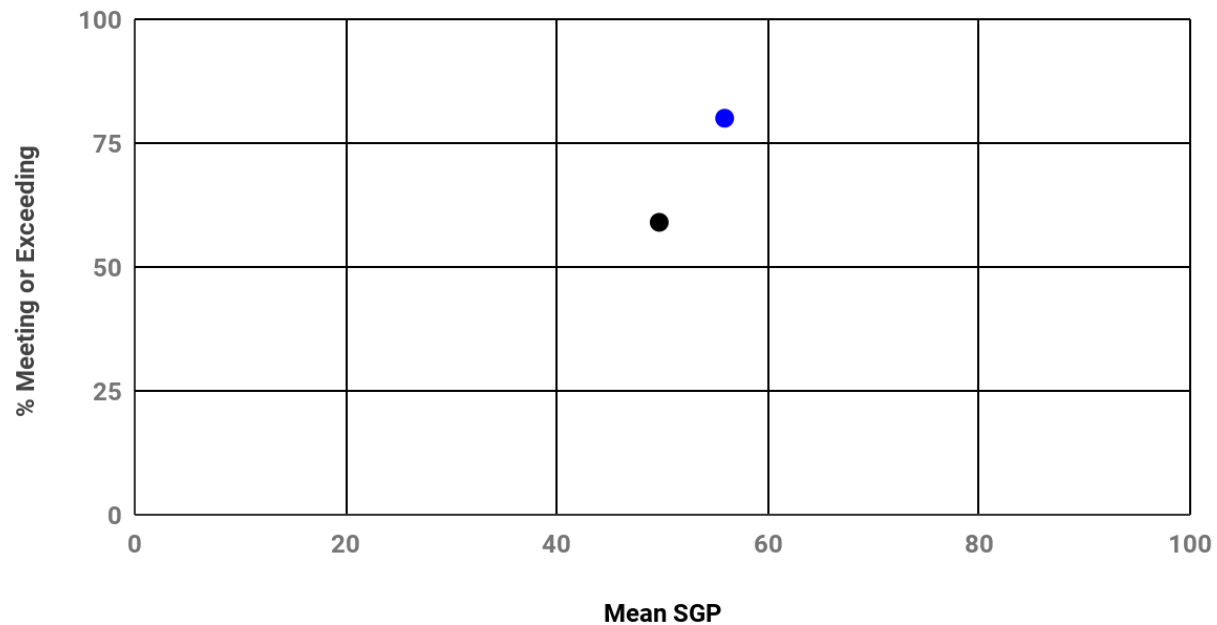
| Grade | Mean SGP | %M/E |
|-----------|----------|------|
| 4 | 52.5 | 67 |
| 5 | 60.8 | 67 |
| 6 | 57.9 | 71 |
| 7 | 56.8 | 74 |
| 8 | 62.0 | 73 |
| State 3-8 | 49.9 | 49 |

MCAS Achievement and Growth Grade 10 - ELA 2019



| Grade | Mean SGP | %M/E |
|-----------|----------|------|
| 10 | 53.4 | 80 |
| State 10 | 49.4 | 61 |

MCAS Achievement and Growth Grade 10 - Math 2019



| Grade | Mean SGP | %M/E |
|----------|----------|------|
| 10 | 55.9 | 80 |
| State 10 | 49.7 | 59 |

Questions/Comments