



# Salem Public Schools

**2018**

**School-Level MCAS and  
Accountability (K-8 Schools)**

**October 29, 2018**

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# Overview of Performance Measures

## 2017-18 Assessments

- Students in Grades 3-8 took the MCAS 2.0 ELA and Math tests.
- Students in Grade 10 took the Legacy MCAS ELA and Math tests.
- Students in Grades 5, 8 and 10 took the Legacy MCAS Science test.

Multiple measures are used to look at different dimensions of student, school and district performance. Each measure answers a different question:

- **Achievement Level:** How did students fare relative to grade level standards in a given year?
  - *Legacy MCAS Achievement Levels:* Advanced, Proficient, Needs Improvement, Warning/Failing
  - *MCAS 2.0 Achievement Levels:* Exceeds Expectations, Meets Expectations, Partially Meets Expectations, Not Meeting Expectations

The below slides define each achievement level for the Legacy and MCAS 2.0

SALEM PUBLIC SCHOOLS

## MCAS Achievement Levels

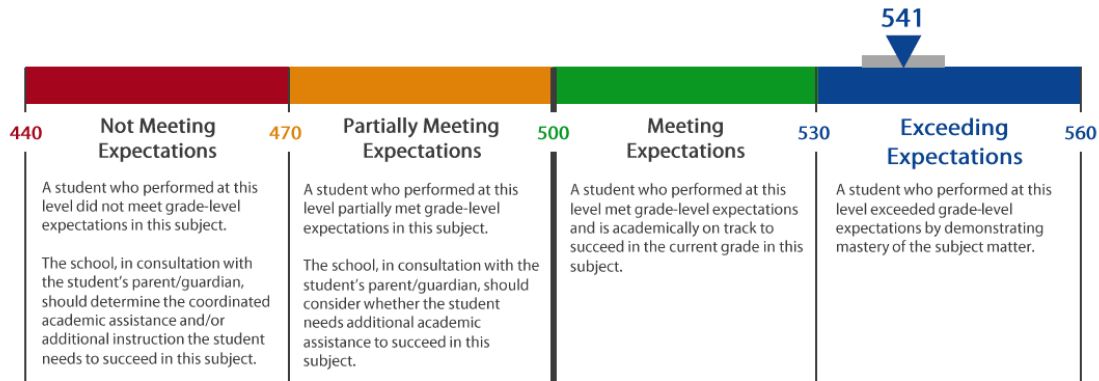
★ Legacy	★ Next-generation
<b>Advanced</b> Students at this level demonstrate a comprehensive and in-depth understanding of rigorous subject matter, and provide sophisticated solutions to complex problems.	<b>Exceeding Expectations</b> A student who performed at this level exceeded grade-level expectations by demonstrating mastery of the subject matter.
<b>Proficient</b> Students at this level demonstrate a solid understanding of challenging subject matter and solve a wide variety of problems.	<b>Meeting Expectations</b> 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.
<b>Needs Improvement</b> Students at this level demonstrate a partial understanding of subject matter and solve some simple problems.	<b>Partially Meeting Expectations</b> 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.
<b>Warning</b> Students at this level demonstrate a minimal understanding of subject matter and do not solve simple problems.	<b>Not Meeting Expectations</b> 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.

## Mathematics Results

Computer-based test

Your Child's Achievement Level: **Exceeding Expectations**

Your Child's Score: **541**



In the figure above, the triangle indicates your child's score on the test. The gray bar shows the range of likely scores your child would receive if he or she took the test multiple times.

### How your child performed compared to the school, district, and state

Your Child's Score	Average Score		
	School	District	State
541	485	502	515

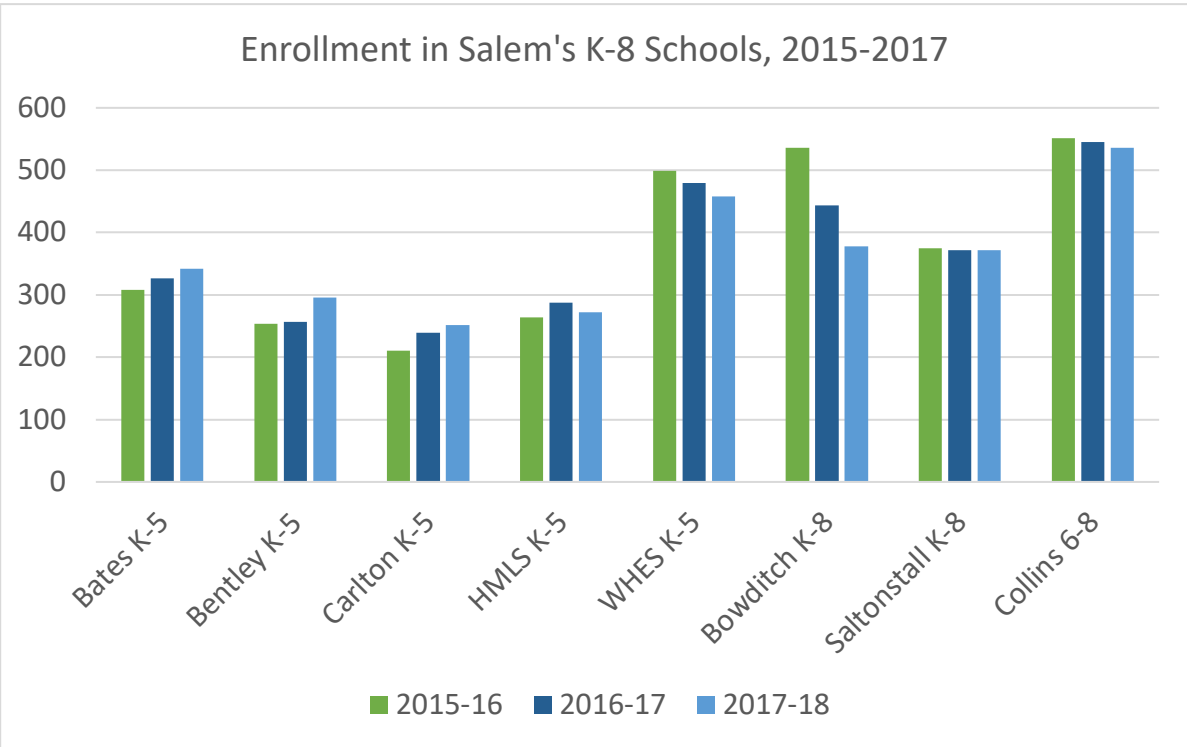
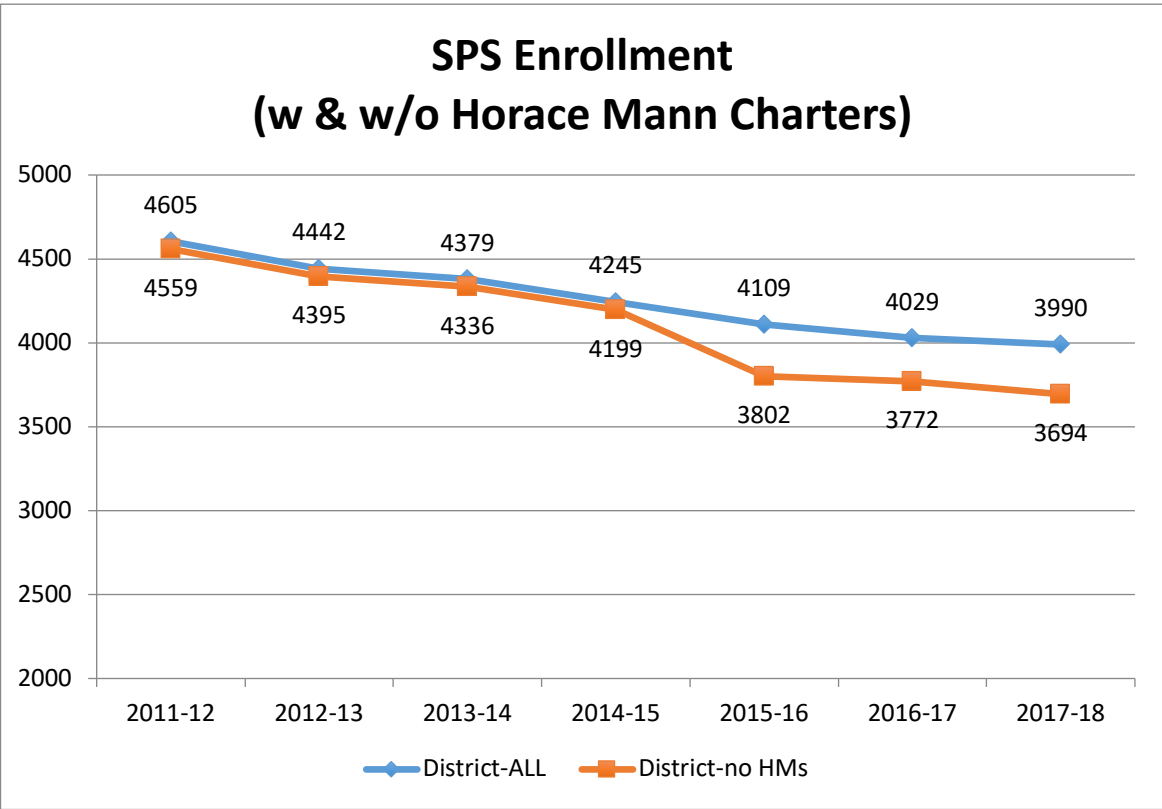
In general, the new standards for Meeting Expectations are more rigorous than the standards for reaching the Proficient level on the legacy MCAS. Massachusetts educators set the new standards to help signal students' readiness for the next grade level.

- **Composite Performance Index (CPI):** How close is a school or district to having all students be Proficient/Advanced in a given year?
  - There is no CPI calculated for the MCAS 2.0. In 2018 only the grade levels (Gr 10) and subjects (Science, Gr 5, 8, and 10) that took the Legacy MCAS received a CPI score.
- **Student Growth Percentile (SGP):** How did students change from one year to the next relative to other students with similar test score histories?
- **School Achievement Percentile (1-99):** How did students in the school perform relative to other schools in the state?
  - Compares each group's average scaled score to the average scaled scores of the same group from all public schools across the state. Only students enrolled in the same school since October 1 are included in calculations, and groups with fewer than 10 students do not receive percentiles.

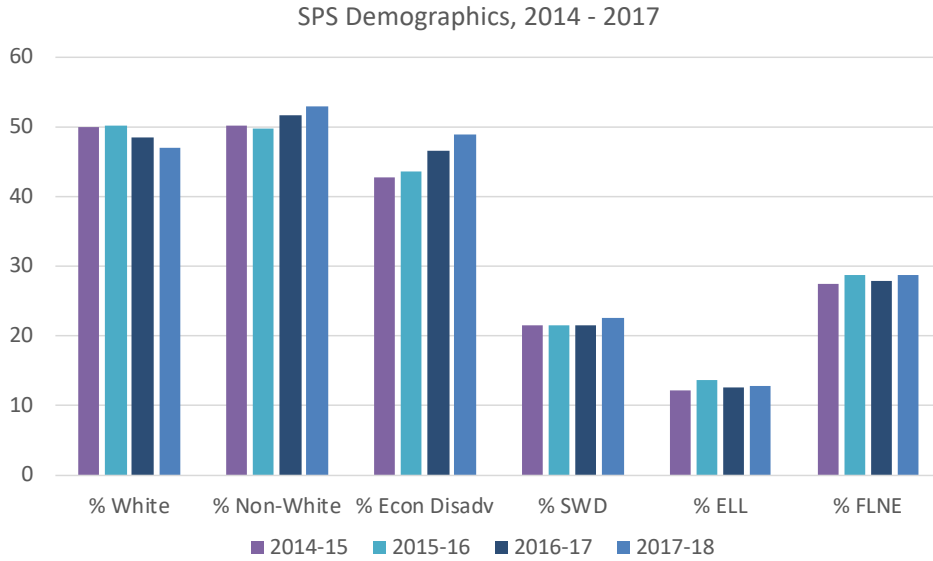
# District-Wide Data: All Students

## Salem Public Schools School Enrollment & Demographics

The slides below are based on data from October 1, 2011 through October 1, 2017 as reported to the MA Department of Elementary and Secondary Education.



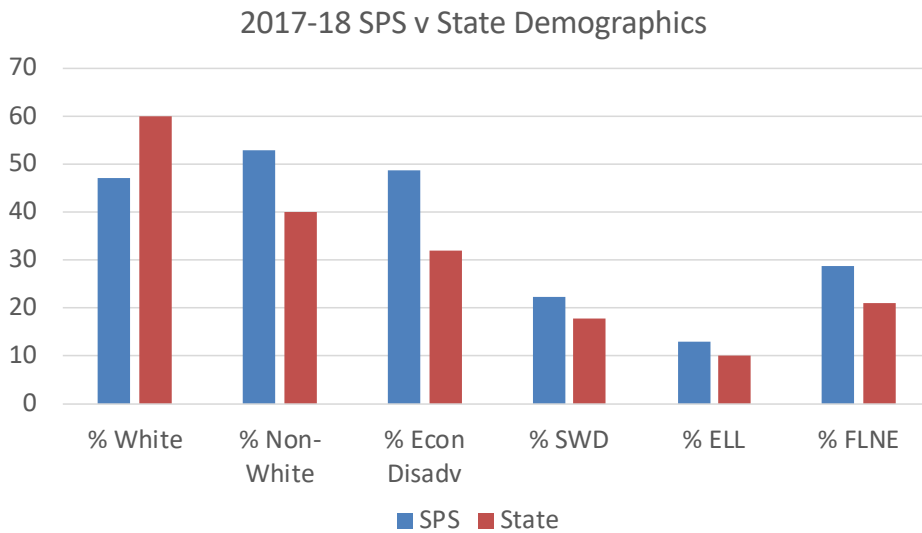
# SPS Demographics Over Time



## Salem Public Schools Demographics Compared with the State

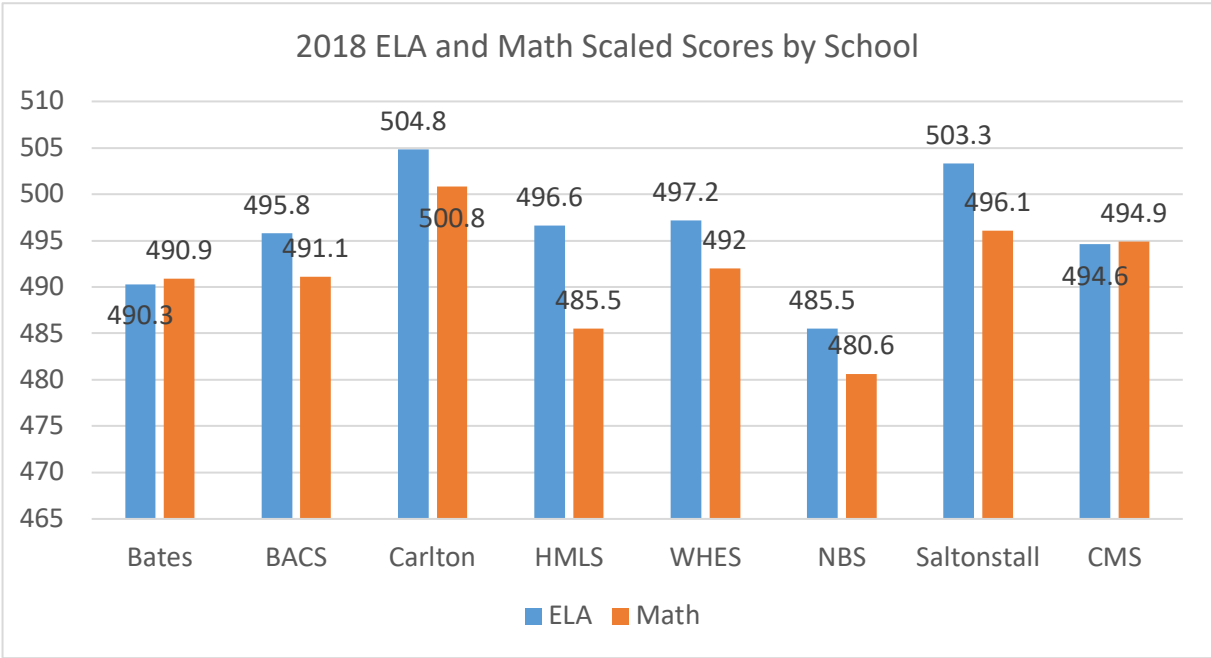
The below graph compares the 2017-18 SPS demographics with that of the statewide averages for each category.

# SPS v State Demographics

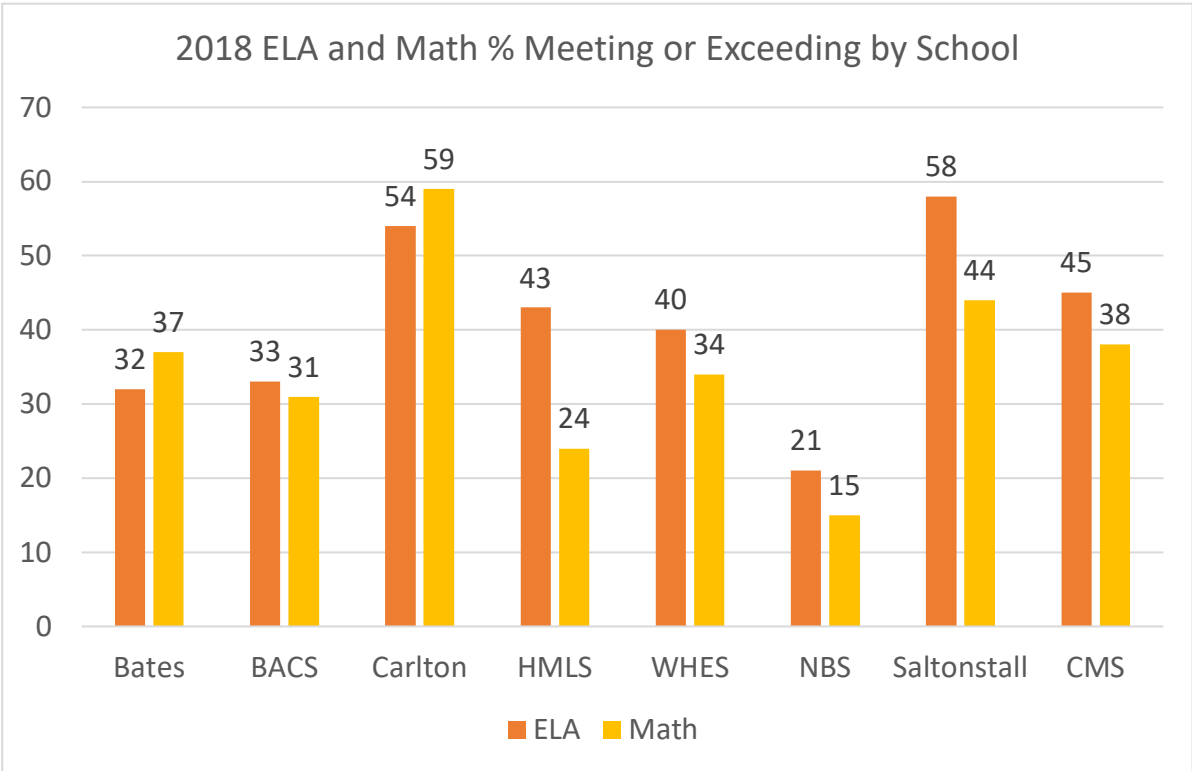


# 2018 ELA and Math Achievement by School (Grades 3-8)

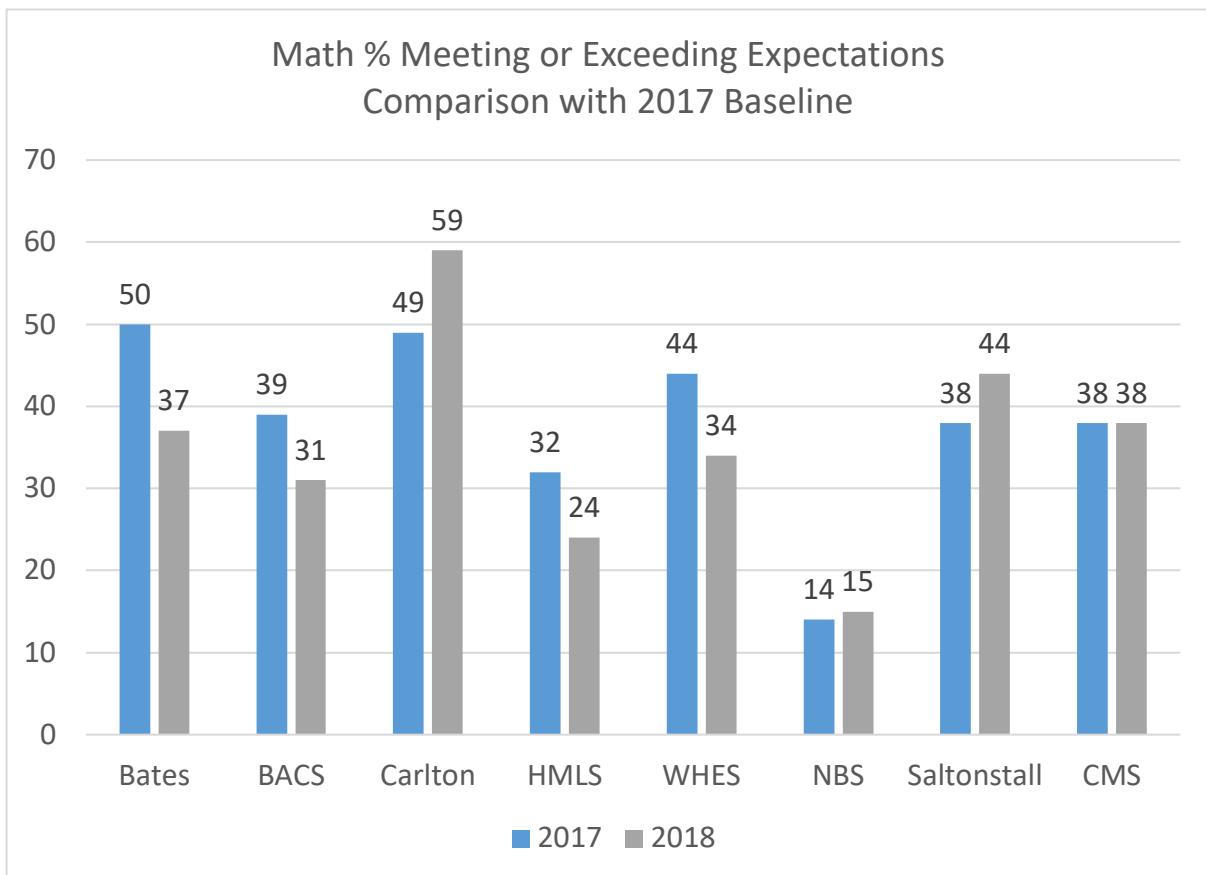
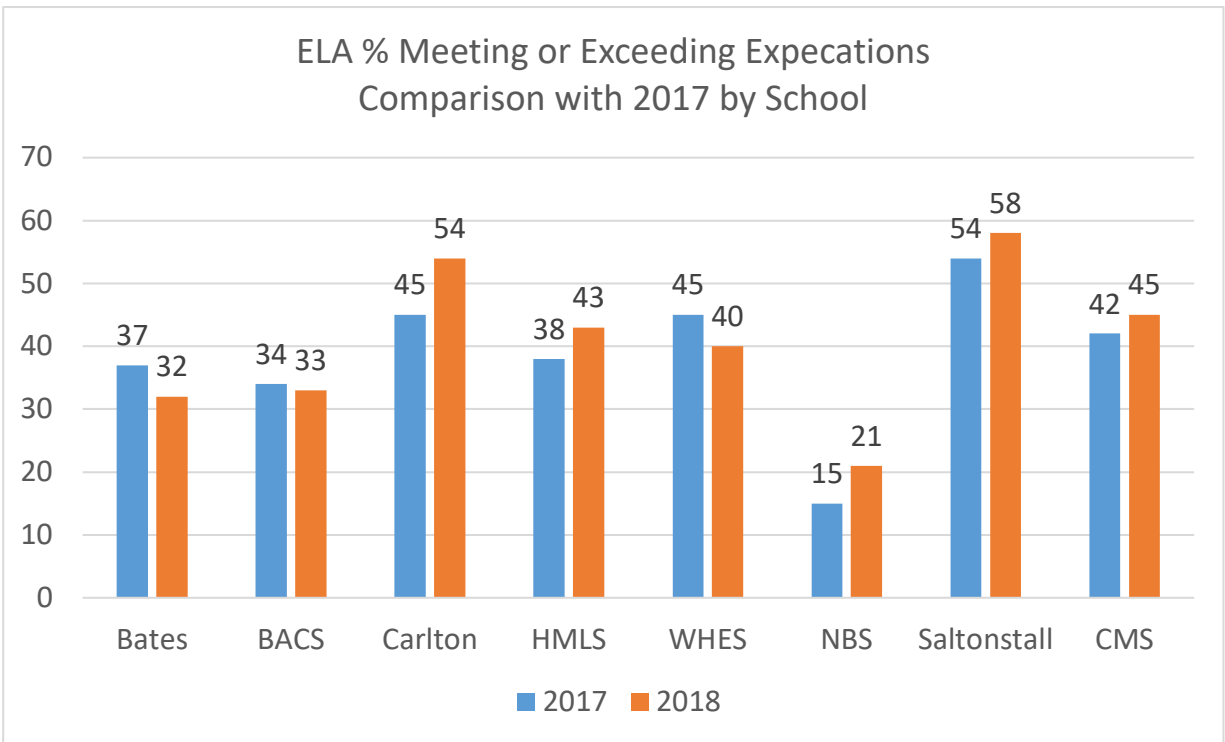
## Average Scaled Scores



## Achievement Level – Percent Meeting or Exceeding Expectations

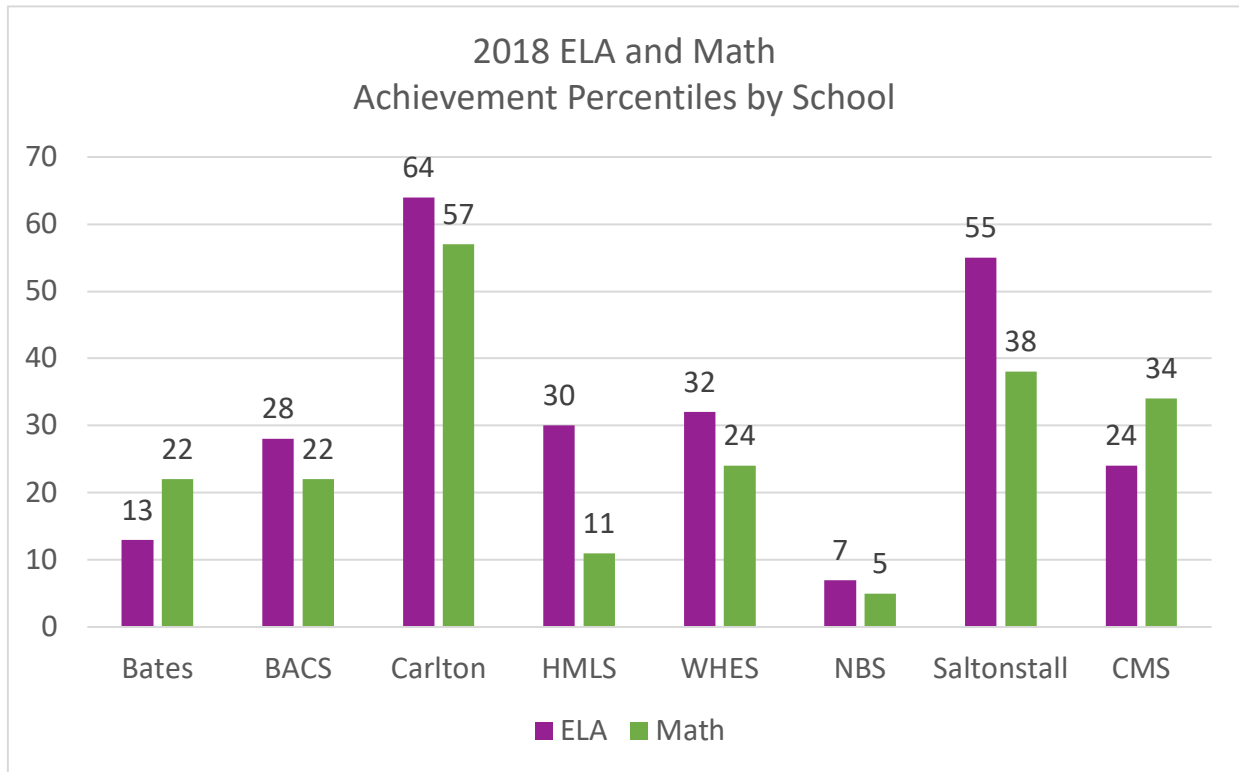


Achievement Level Comparisons with 2017

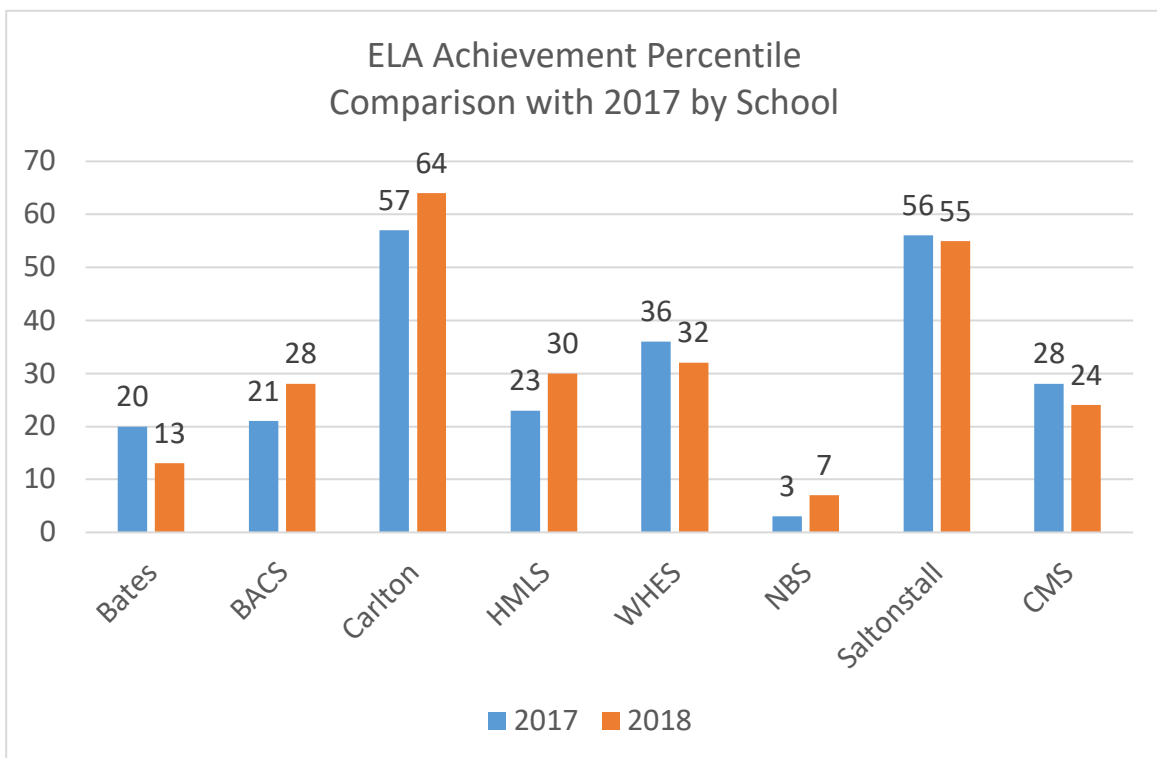


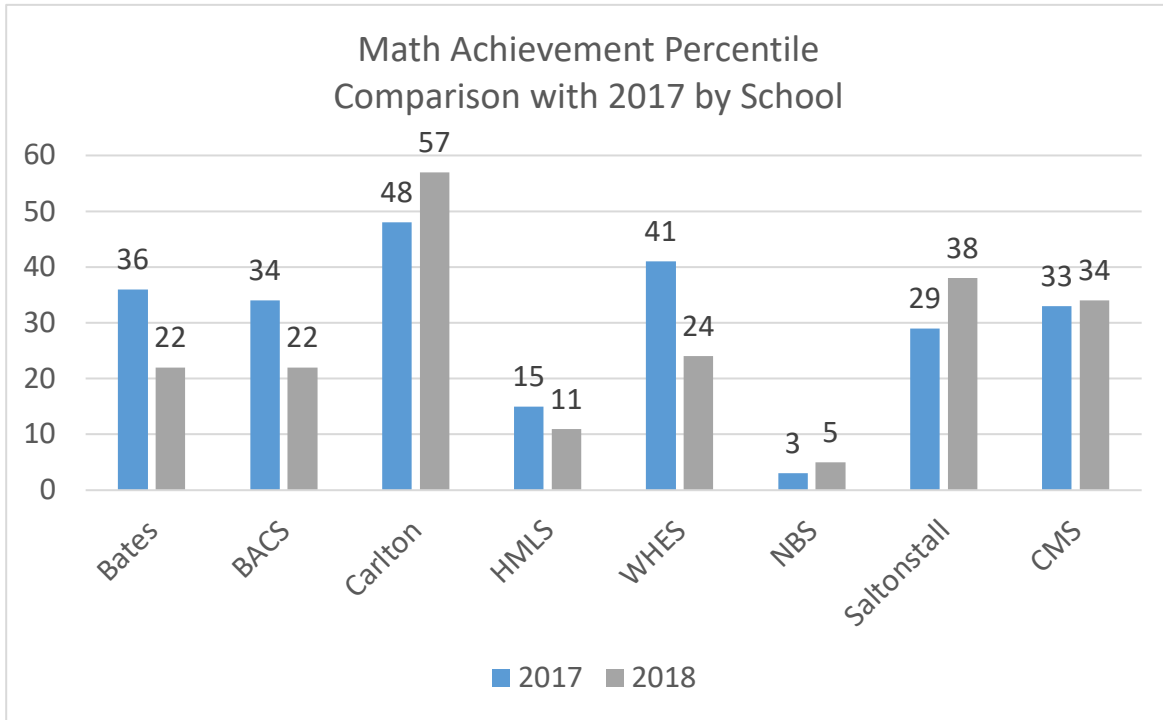


## Achievement Percentiles

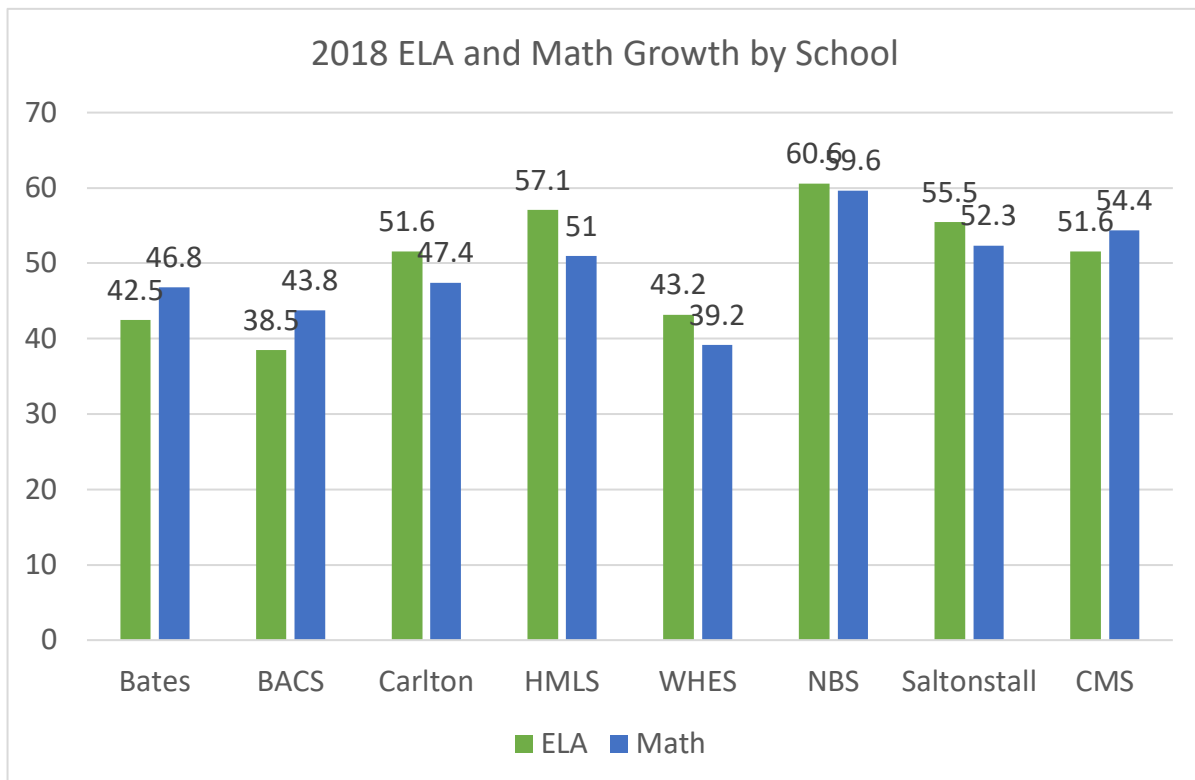


## Achievement Percentile Comparisons with 2017



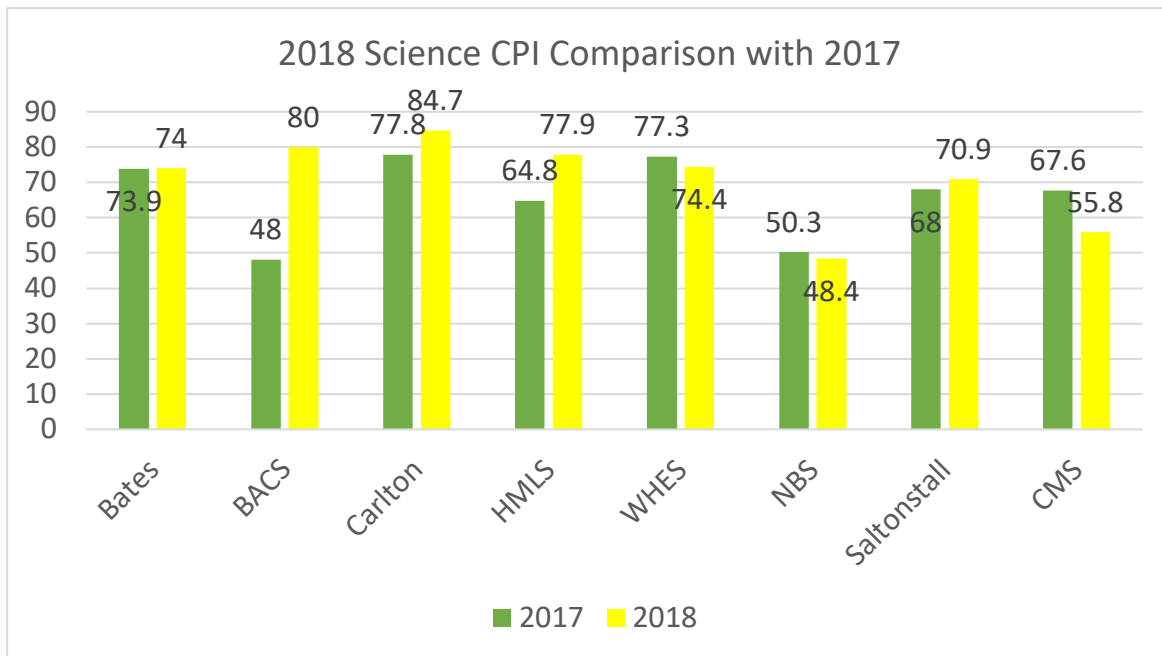


## 2018 ELA and Math Growth by School (Grades 3-8)

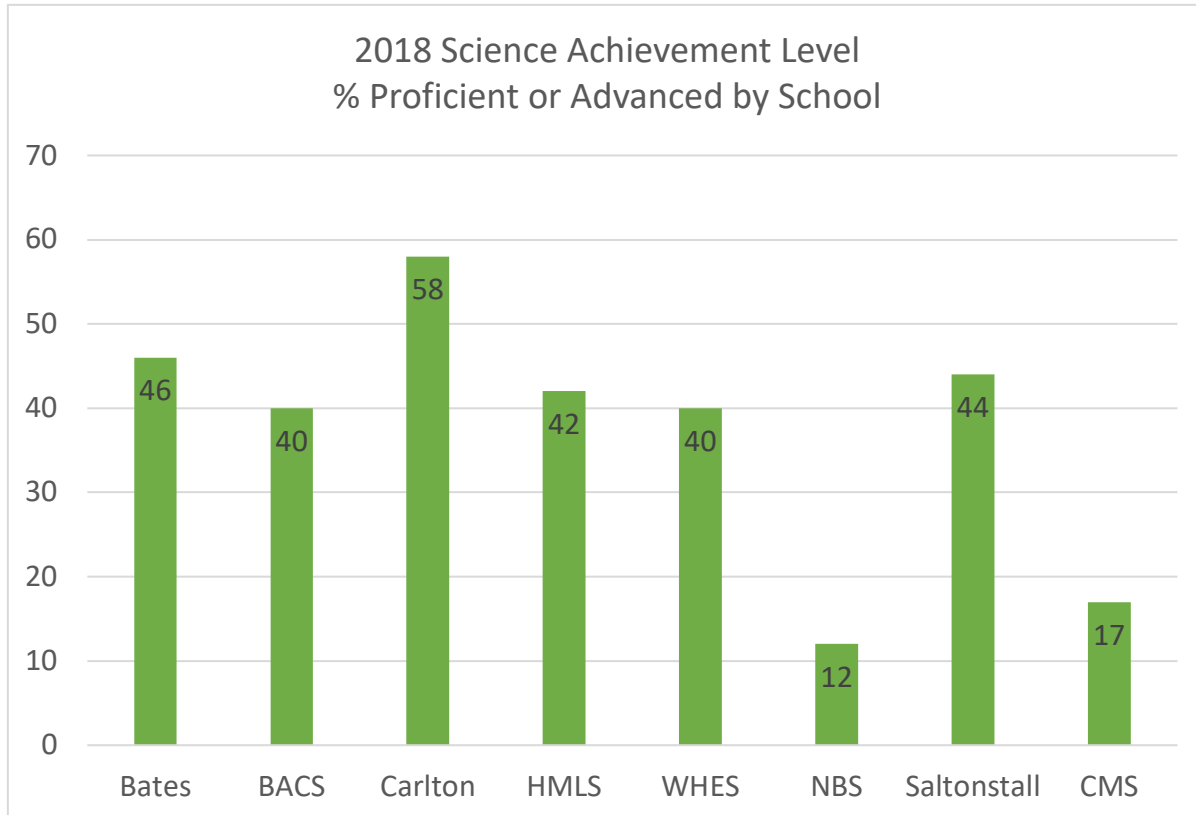


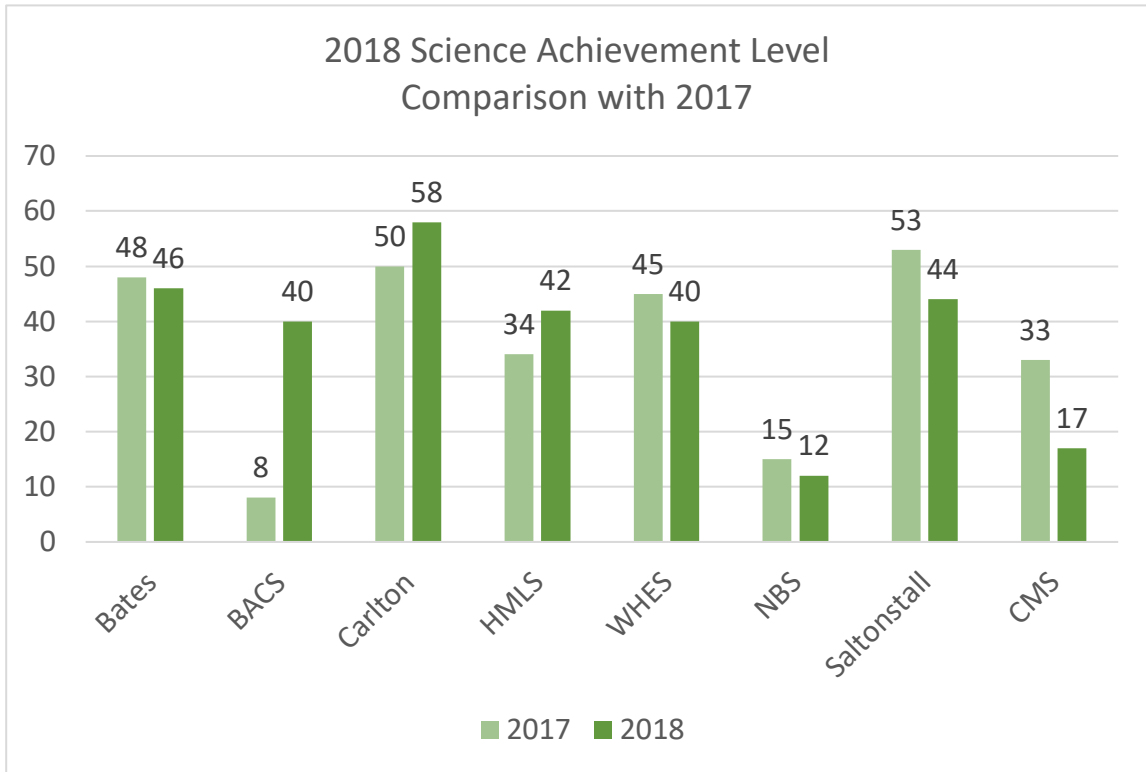
## 2018 Science Achievement by School (Grades 3-8)

Composite Performance Index (CPI)



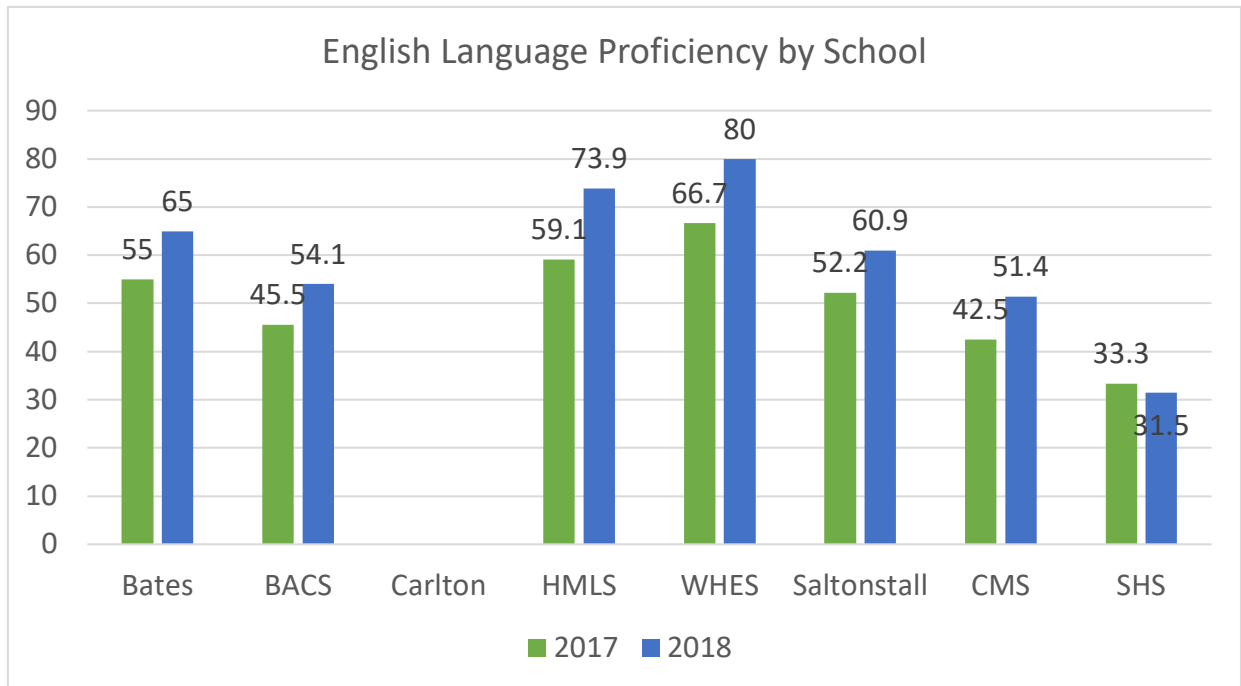
Achievement Level



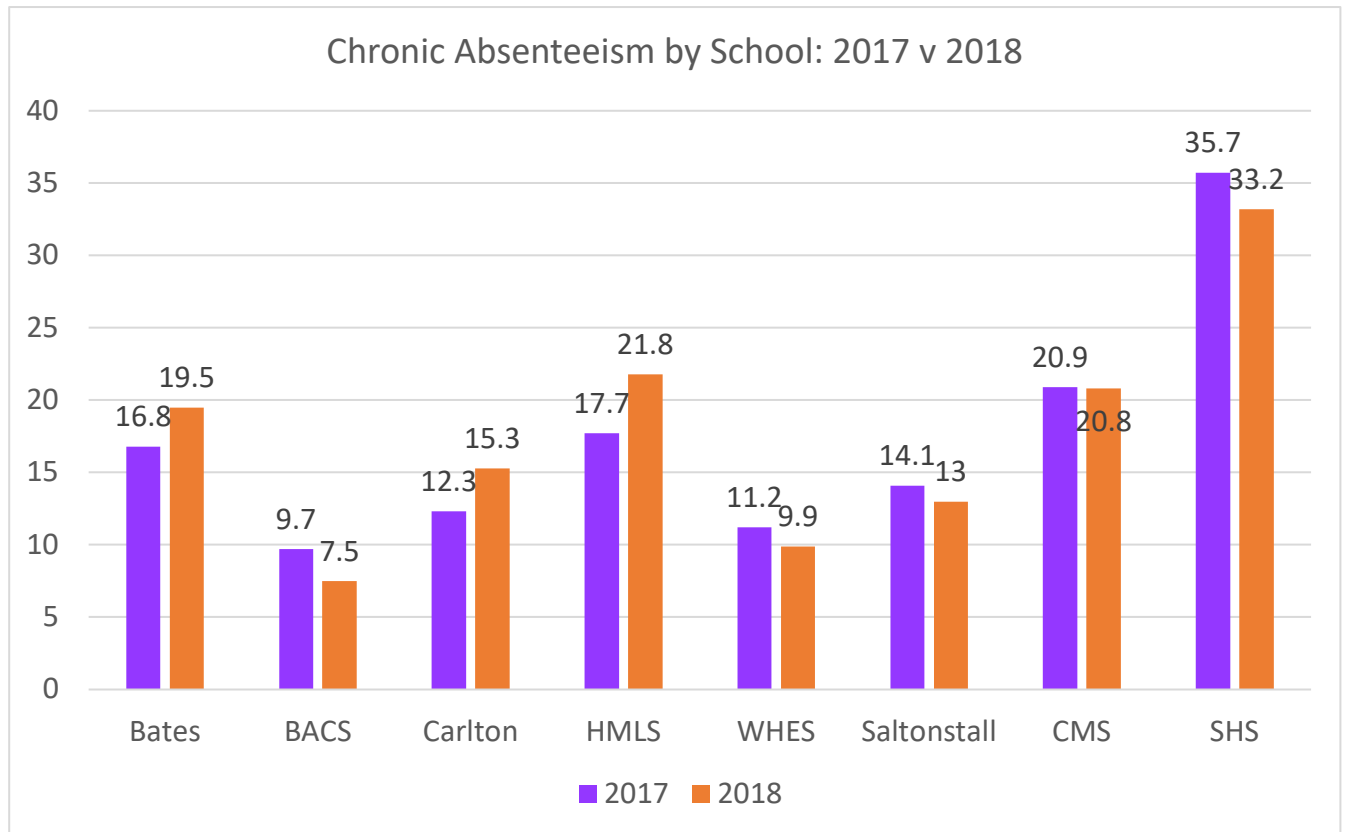


## Other Accountability Measures

### English Language Proficiency by School



## Chronic Absenteeism by School



## School Level Data – K-8 Schools

The following pages contain the school-level data available on the DESE profile.