

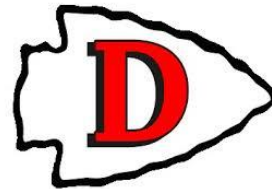
# Curriculum, Instruction & Assessment Update

Presentation to the Board of Education  
**Derby Middle School Smarter Balanced Results (2018-2019)**

Jennifer Olson  
November 6, 2019

# Agenda

- Review Achievement Level Descriptors
- Review Derby Middle School Results 2019
- Compare DRG H Achievement Data 2019
- Derby Growth Data
- District Action Plan
- Q&A



# Achievement Levels

- Achievement levels are a familiar reporting feature
- Achievement levels are less precise than scale scores for describing student gains over time or changes in achievement gaps among groups

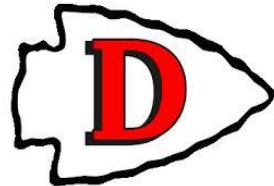


## Achievement-Level Descriptors



<b>Level 4</b>	<b>Exceeds the Achievement Standard:</b> Students performing at this level are demonstrating advanced progress towards mastery. Students are on track for likely success in the next grade.
<b>Level 3</b>	<b>Meets the Achievement Standard:</b> Students performing at this level are demonstrating progress towards mastery. Students are on track for likely success in the next grade.
<b>Level 2</b>	<b>Approaching the Achievement Standard:</b> Students performing at this level need further development toward mastery. Students will likely need support to get on track for success in the next grade.
<b>Level 1</b>	<b>Does Not Meet the Achievement Standard:</b> Students performing at this level require substantial improvement toward mastery. Students will likely need substantial support to get on track for success in the next grade.

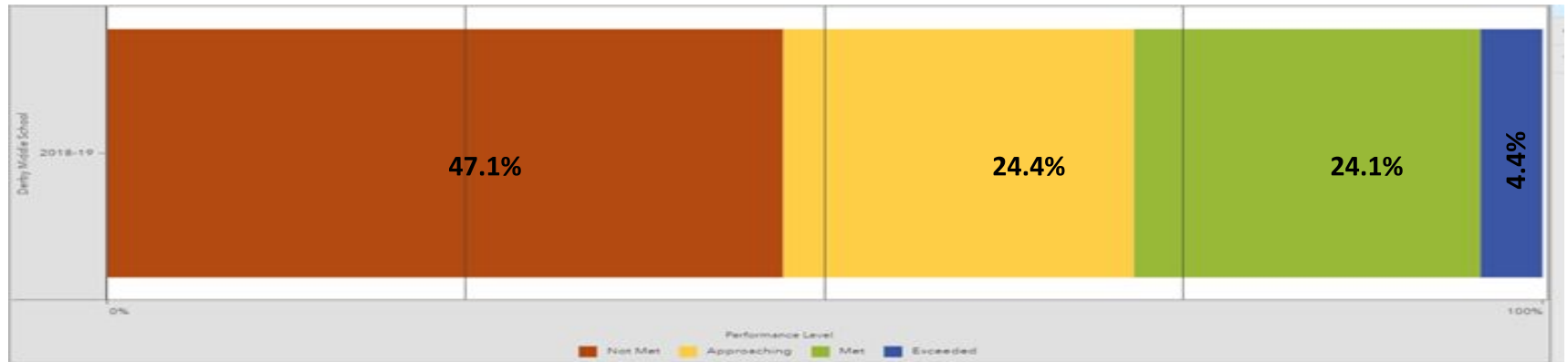
# 2019 SBAC Middle School ELA Results





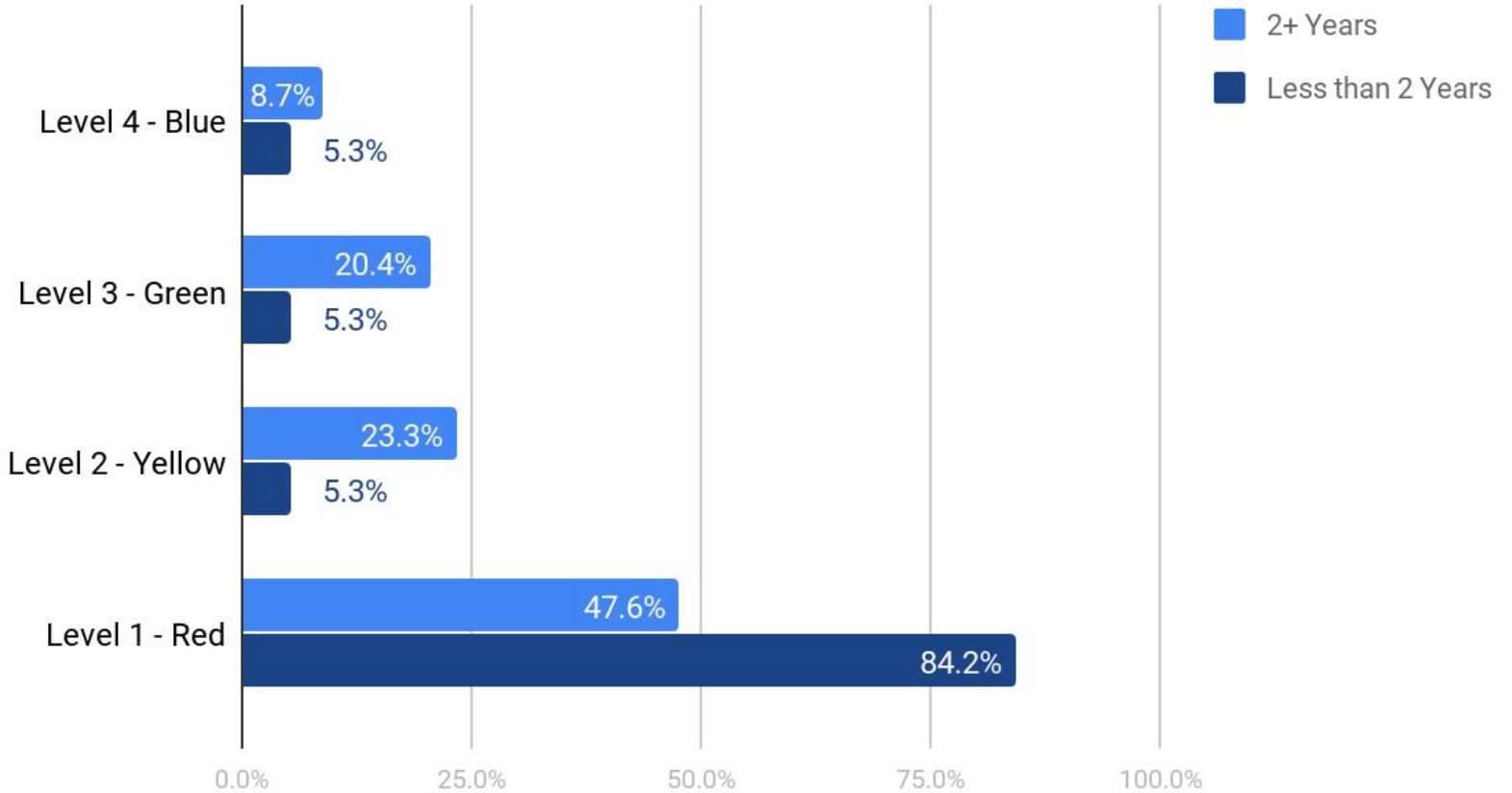
## Derby Middle School SBAC

2019, Achievement Level Grade 6-8, ELA, All Students



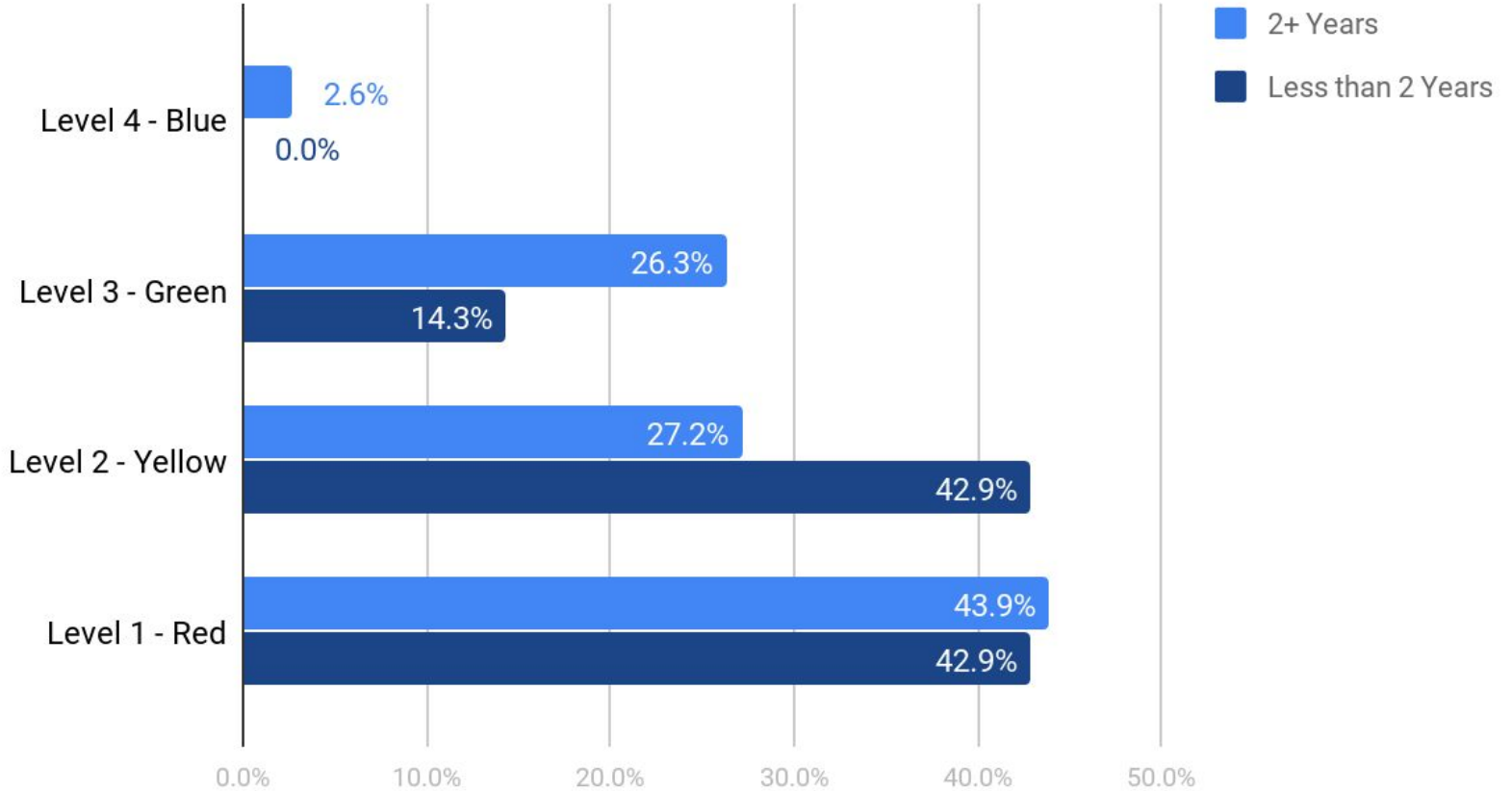
28.5% of students scoring 3+ in Grades 6-8

# Derby Middle School ELA Grade 6 by Time in District



Derby Middle Schools SBAC  
2019, Achievement Level Grade 6  
ELA, 2 or more years in district vs. less than 2 years comparison

# Derby Middle School ELA Grade 7 by Time in District



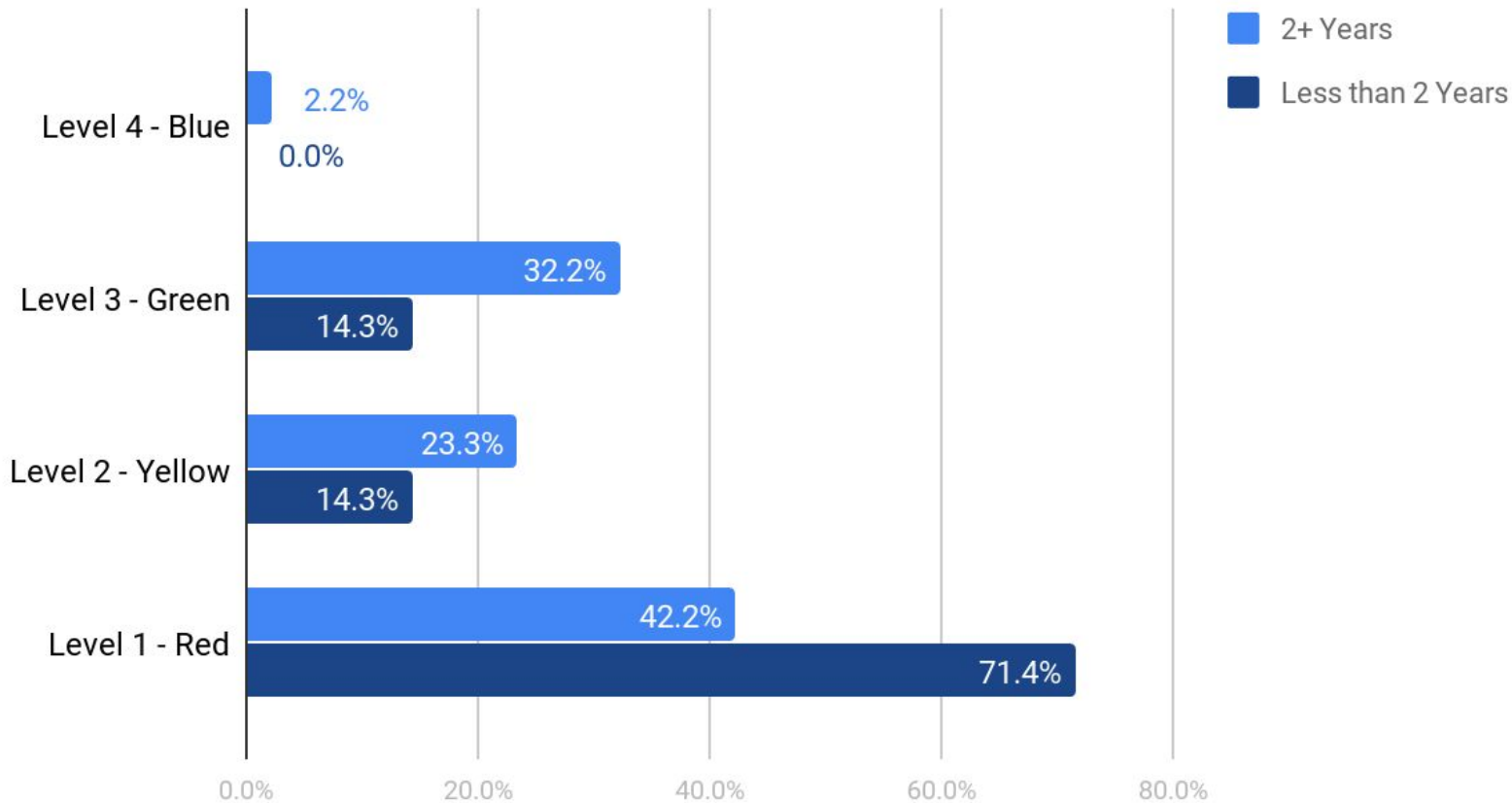
Derby Middle Schools SBAC

2019, Achievement Level Grade 7

ELA, 2 or more years in district v. less than 2 years comparison



# Derby Middle School ELA Grade 8 by Time in District

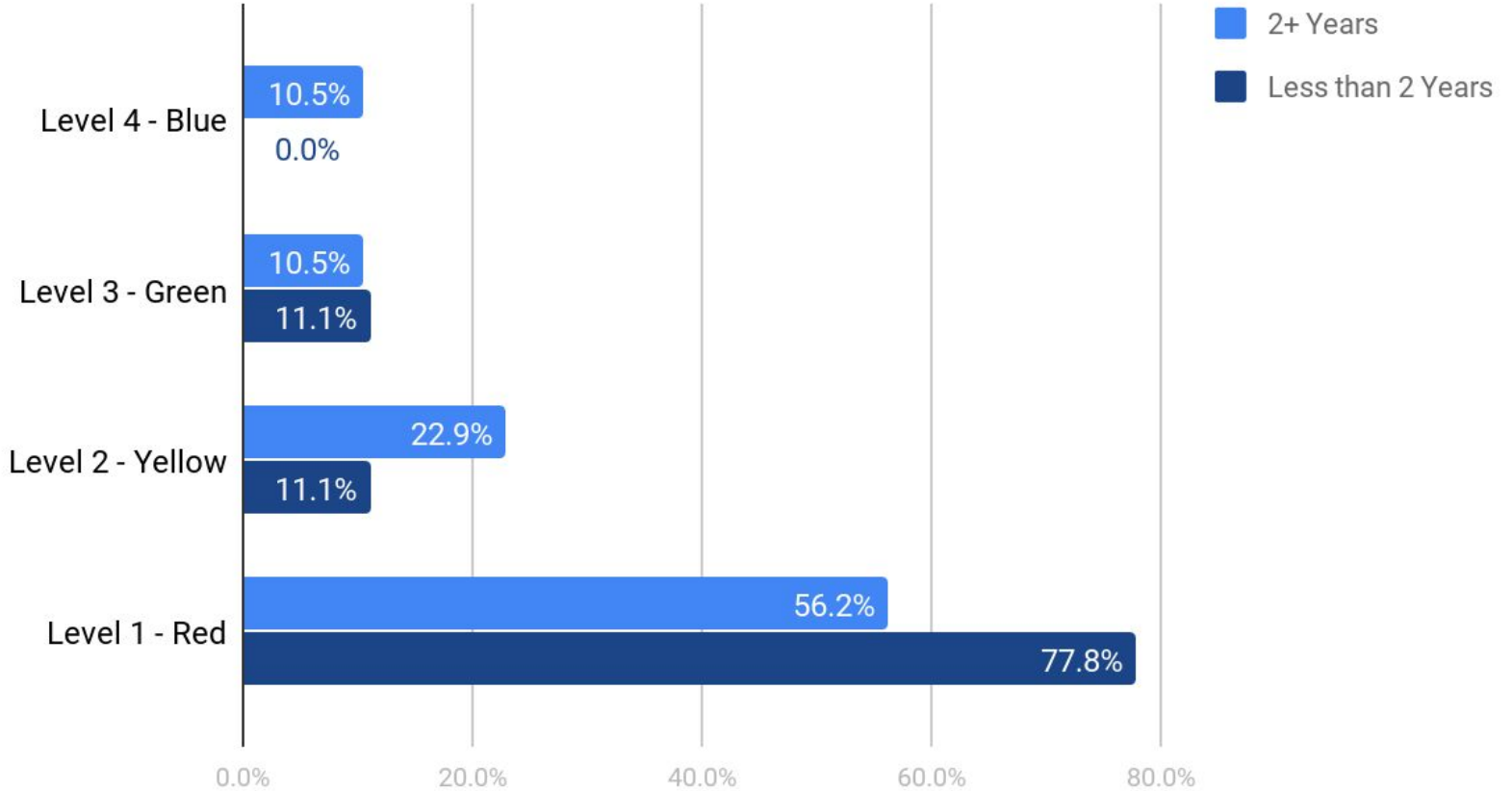


Derby Middle Schools SBAC

2019, Achievement Level Grade 7

ELA, 2 or more years in district v. less than 2 years comparison

# Derby Middle School MATH Grade 6 by Time in District

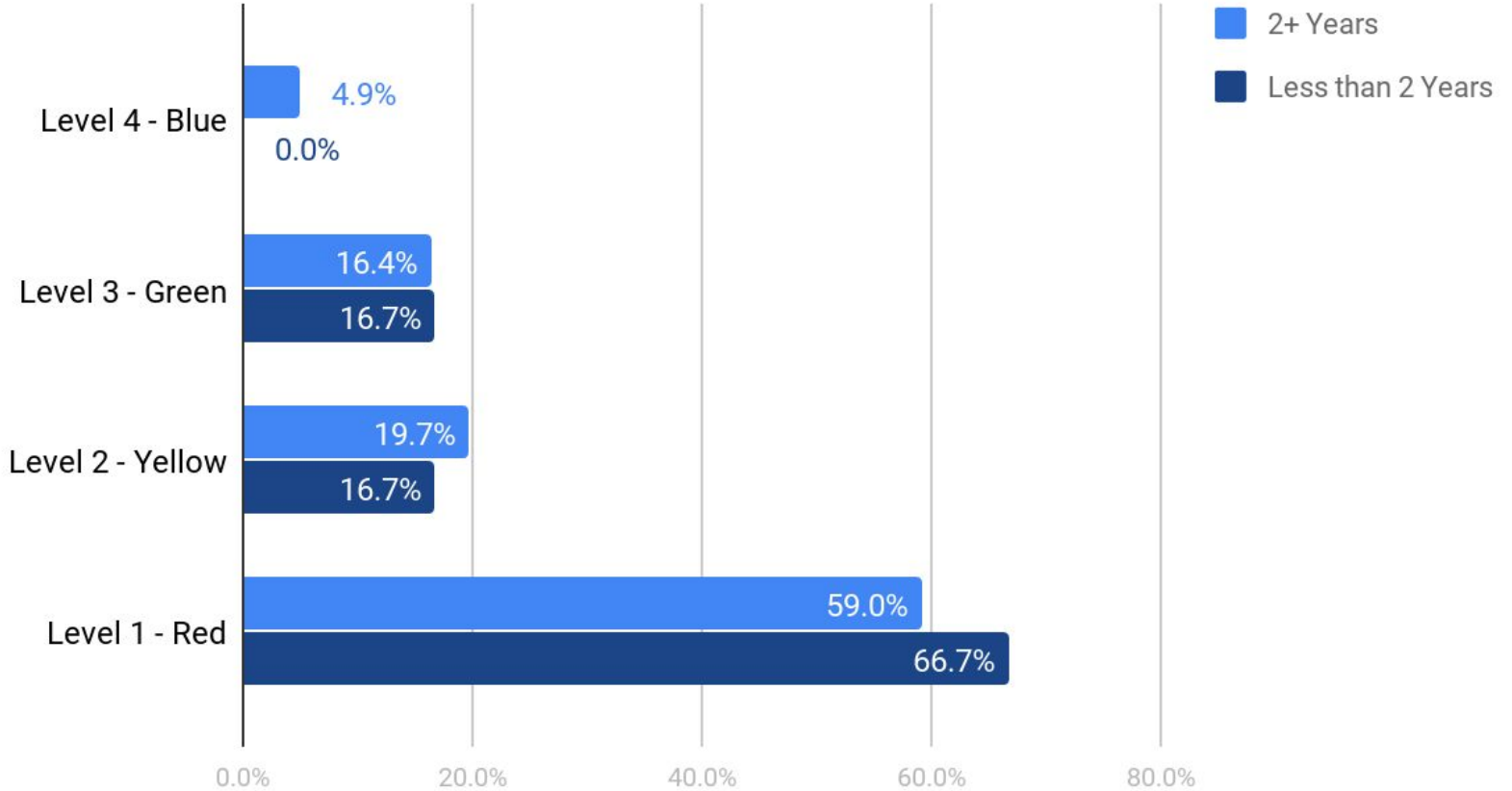


## Derby Middle Schools SBAC

2019, Achievement Level Grade 6

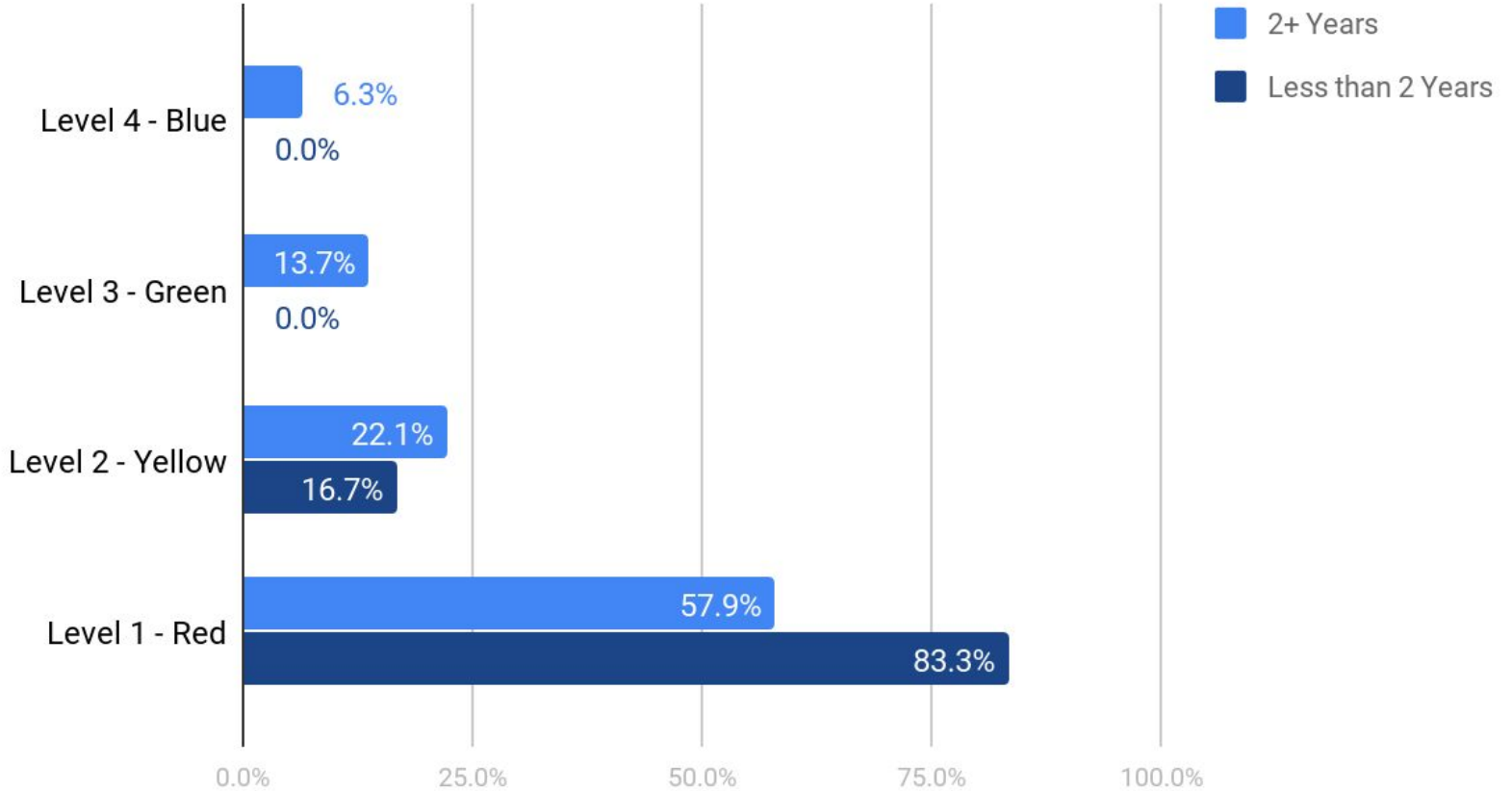
MATH, 2 or more years in district v. less than 2 years comparison

# Derby Middle School MATH Grade 7 by Time in District



Derby Middle Schools SBAC  
2019, Achievement Level Grade 7  
MATH, 2 or more years in district v. less than 2 years comparison

# Derby Middle School MATH Grade 8 by Time in District



Derby Middle Schools SBAC

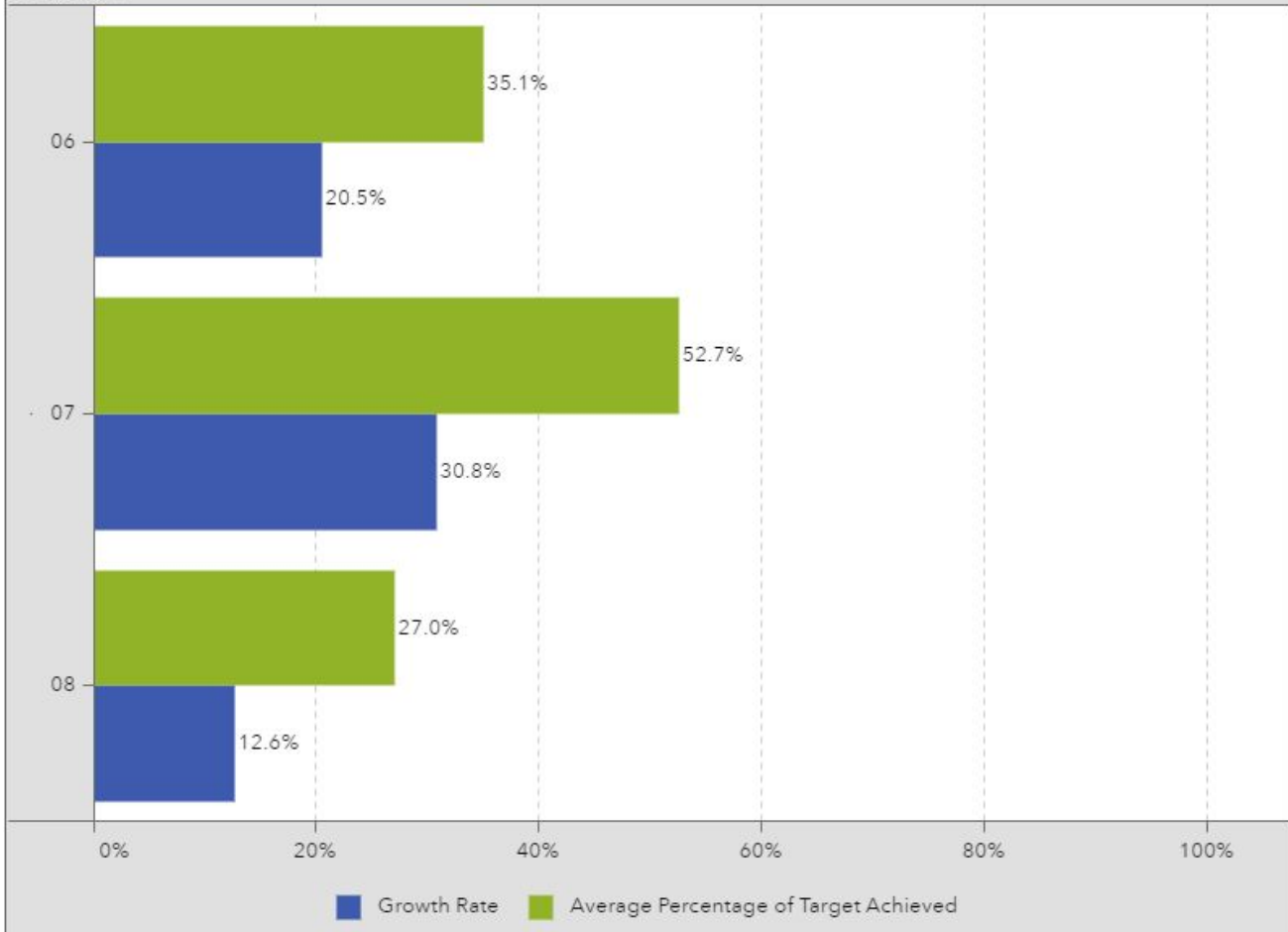
2019, Achievement Level Grade 8

MATH, 2 or more years in district v. less than 2 years comparison

English Language Arts (ELA)



subgroup 1





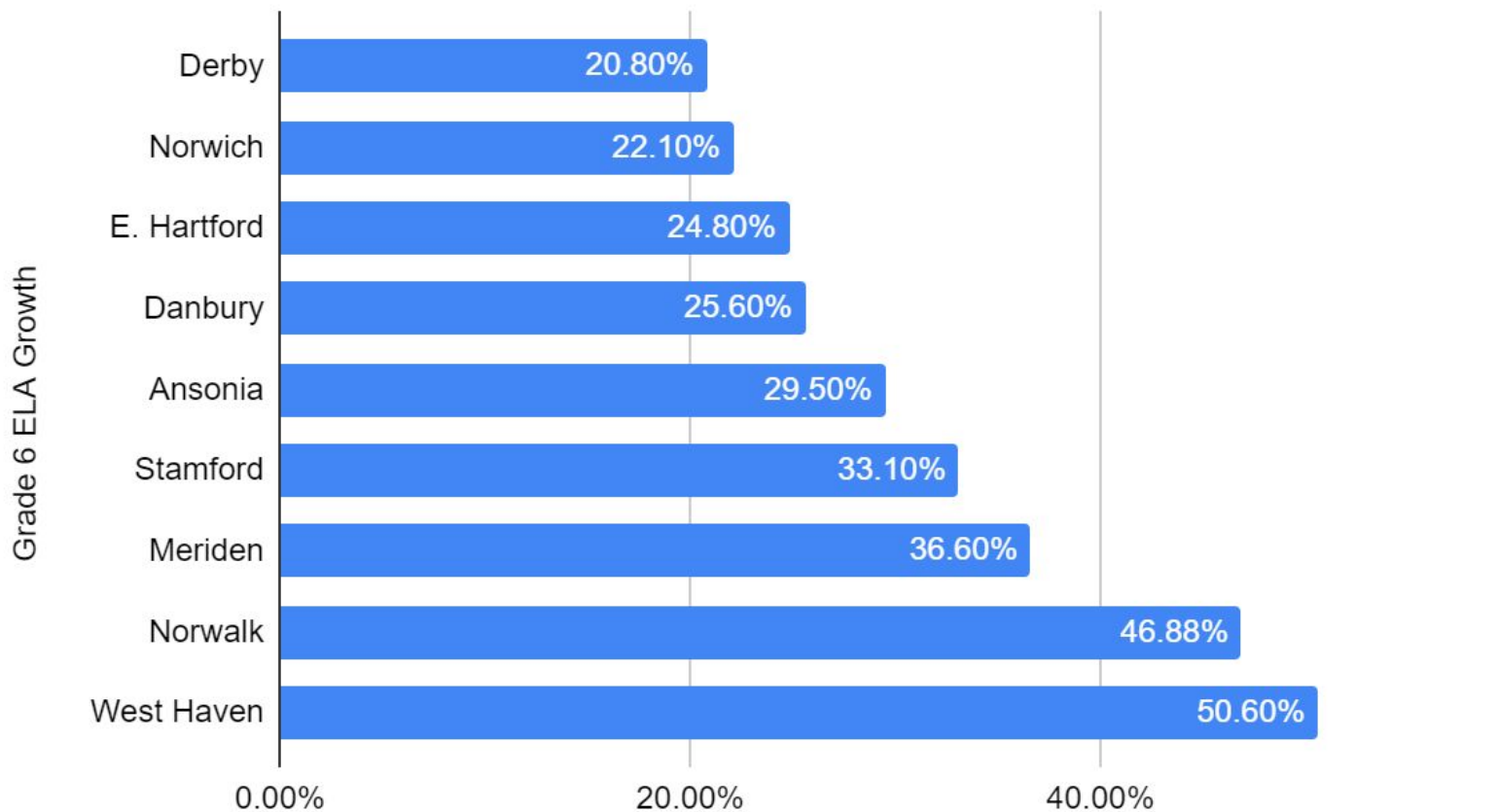
# DRG Data Comparison

The **District Reference Group (DRG)** classification system is a grouping of local public school districts based on a set of indicators that measure the socioeconomic status of students and their families.

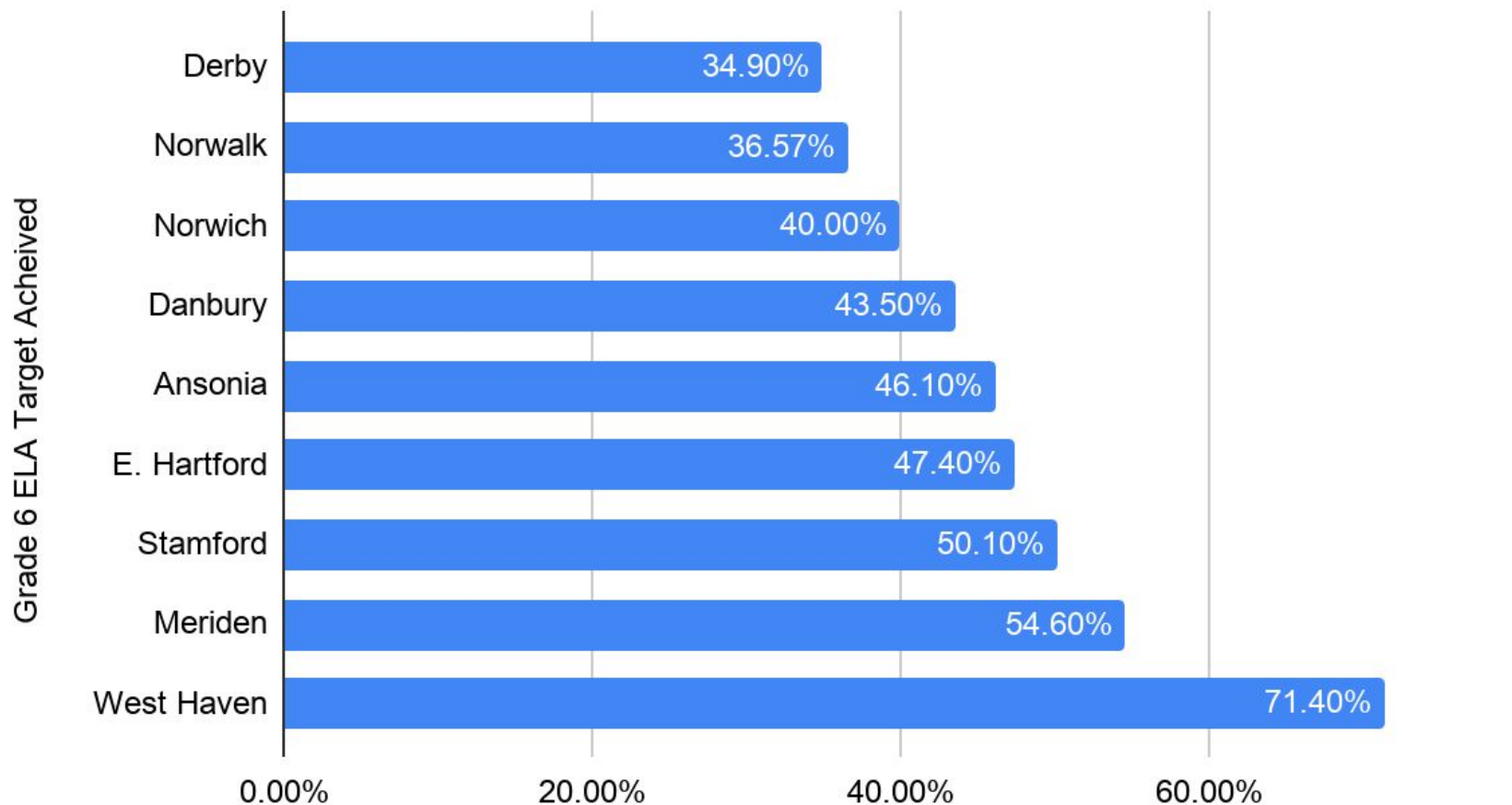
Derby belongs to **DRG H** which includes

- Ansonia
- West Haven
- Meriden
- Norwich
- East Hartford
- Danbury
- Norwalk
- Stamford

## Grade 6 ELA Growth SBAC by DRG

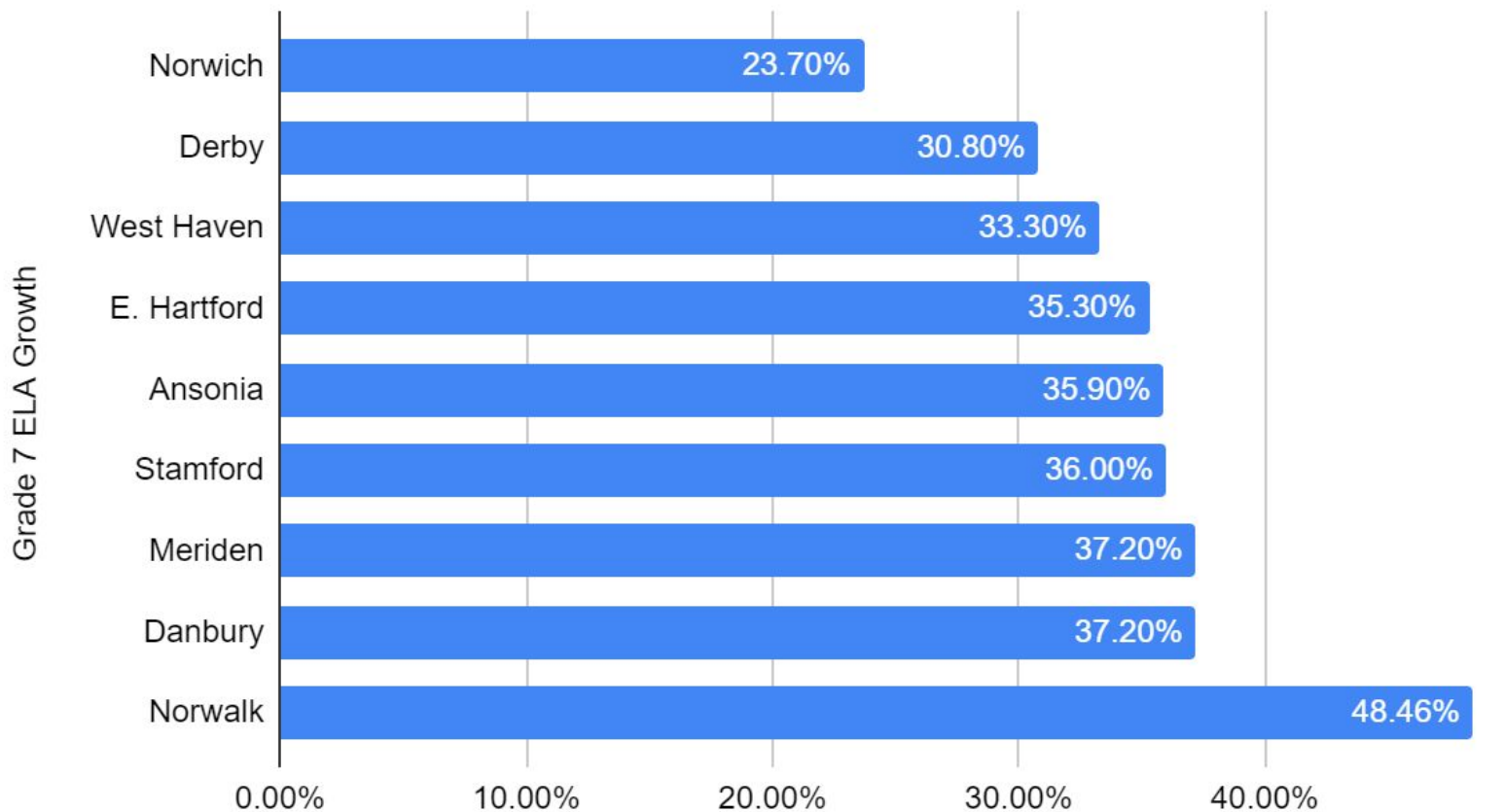


## Grade 6 ELA % Target Achieved SBAC 2019 by DRG

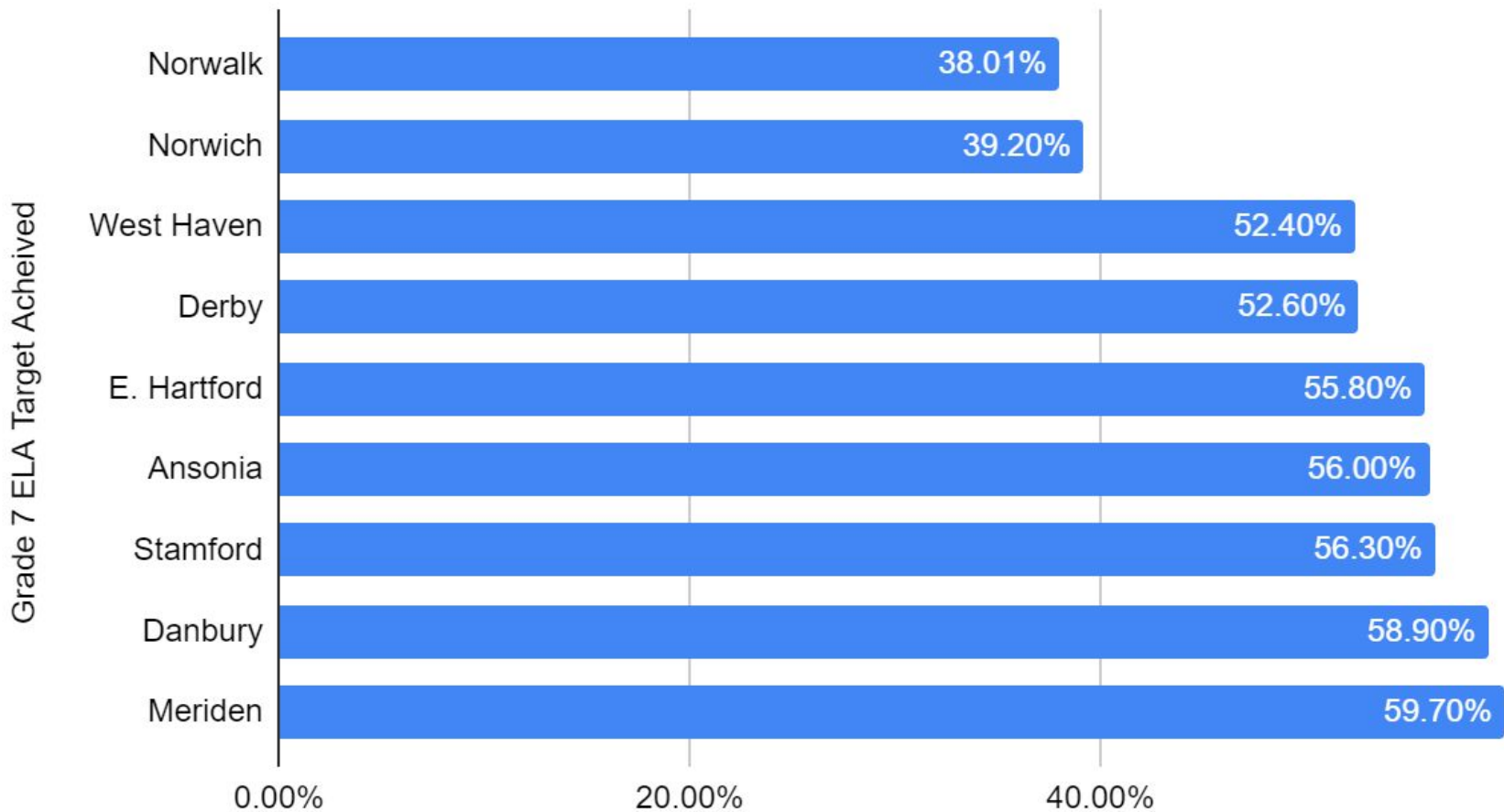




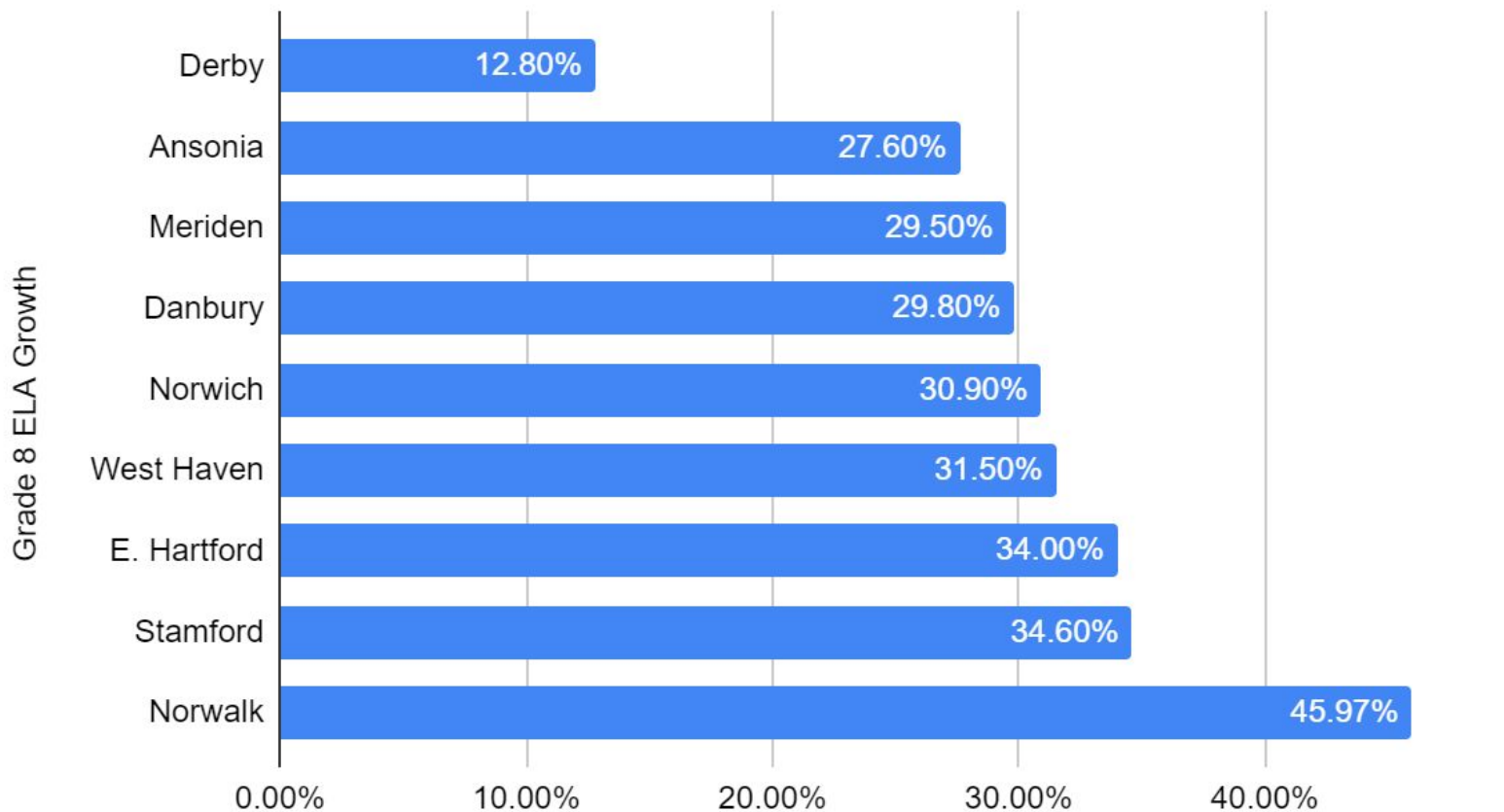
## Grade 7 ELA Growth SBAC by DRG



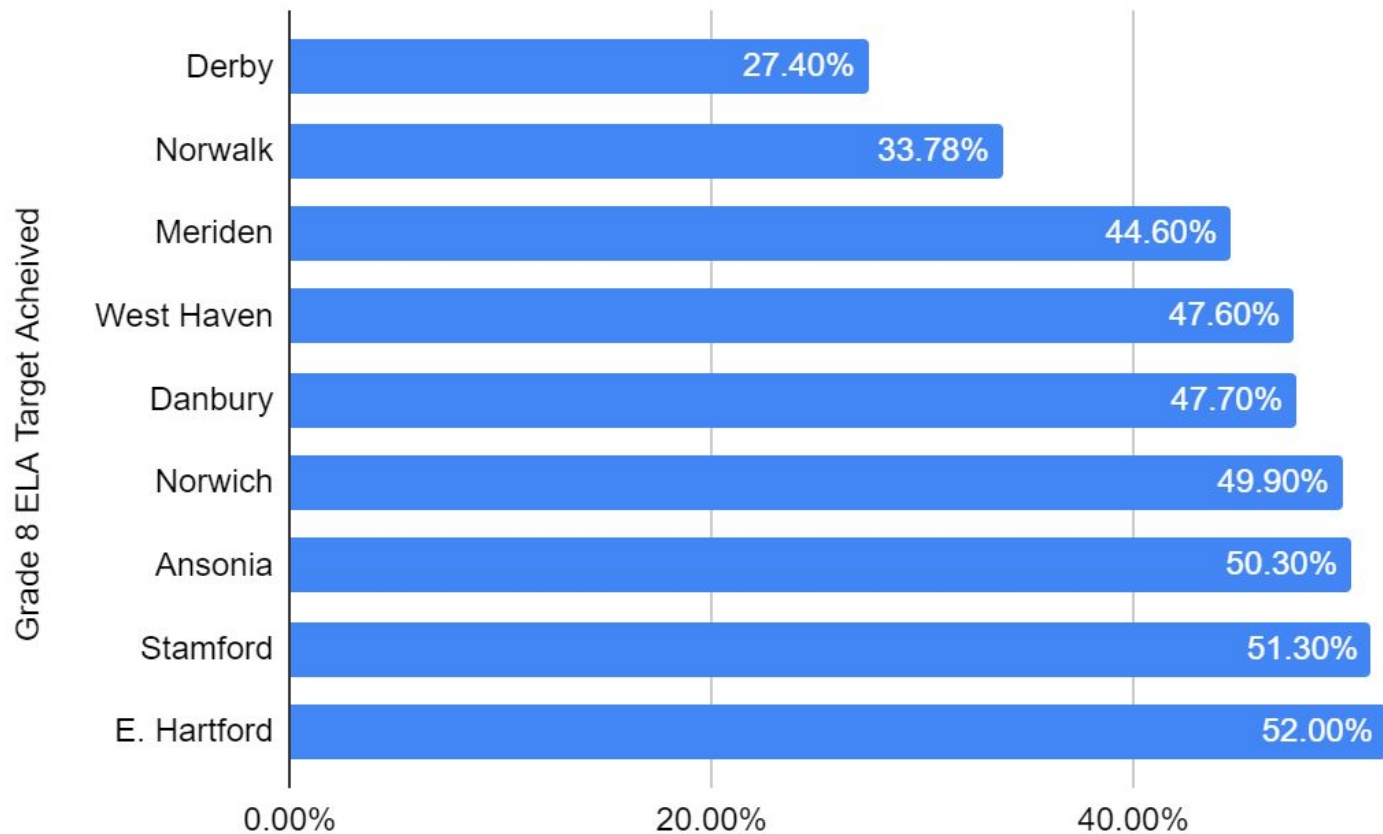
# Grade 7 ELA % Target Achieved SBAC 2019 by DRG



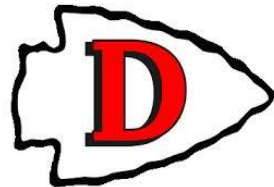
## Grade 8 ELA Growth SBAC by DRG



## Grade 8 ELA % Target Achieved SBAC 2019 by DRG



# 2019 SBAC Math Results



## Achievement-Level Descriptors

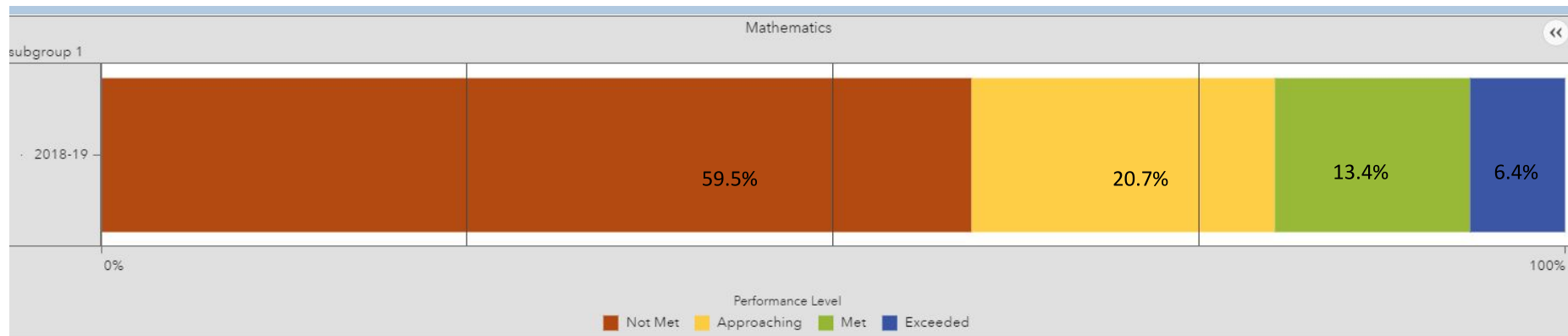


<b>Areas of Knowledge and Skills Measured</b>	<b>Statement About Student Learning From Which the Assessment was Built</b>
<b>Concepts and Procedures</b>	Students can explain and apply mathematical concepts and interpret and carry out mathematical procedures with precision and fluency.
<b>Problem Solving*</b>	Students can solve a range of complex well-posed problems in pure and applied mathematics, making productive use of knowledge and problem-solving strategies.
<b>Communicating Reasoning</b>	Students can clearly and precisely construct viable arguments to support their own reasoning and to critique the reasoning of others.
<b>Modeling and Data Analysis*</b>	Students can analyze complex, real-world scenarios and can construct and use mathematical models to interpret and solve problems.



## Derby Middle School SBAC

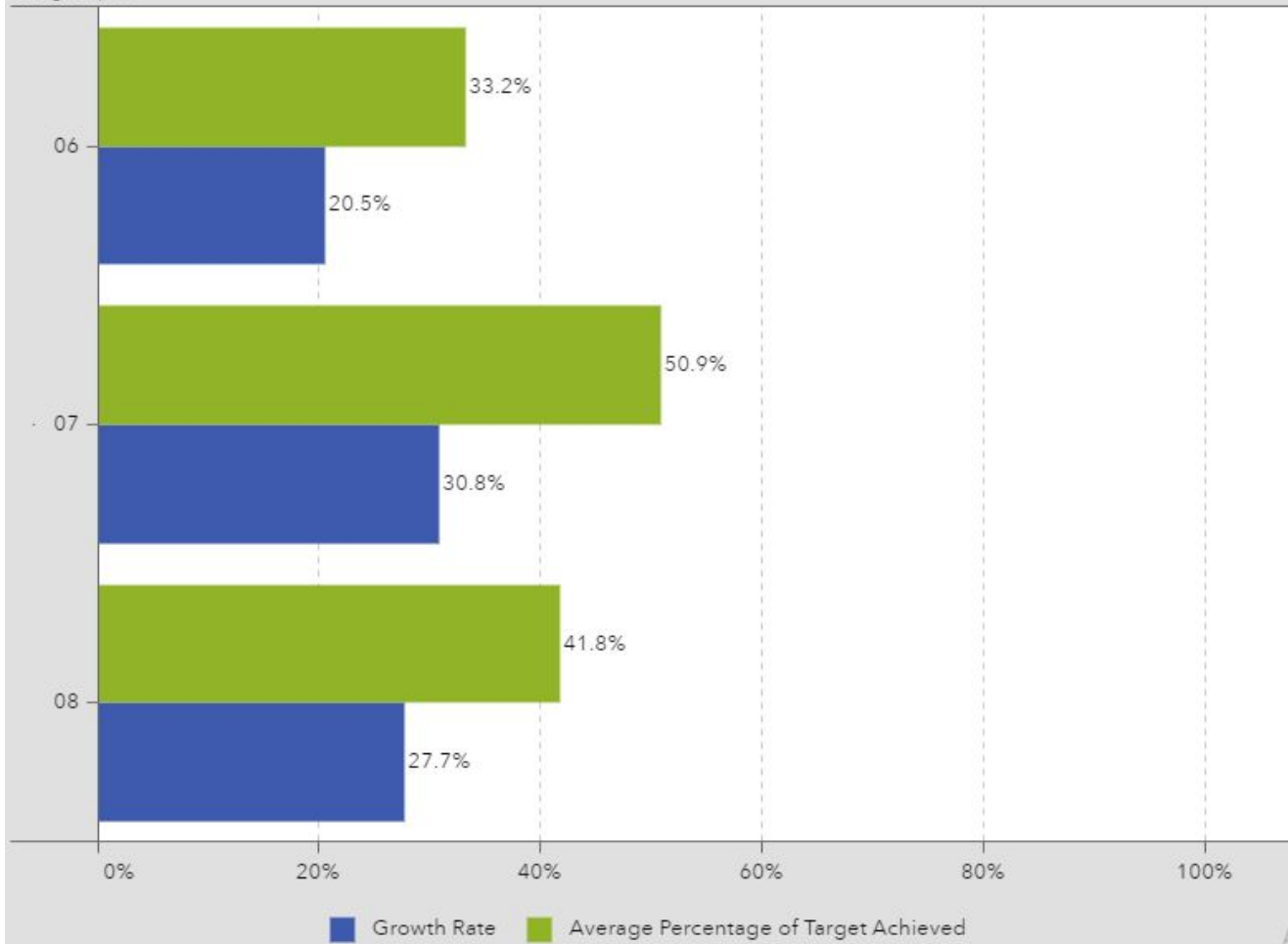
2019, Achievement Level Grade 6-8, Math, All Students



19.83% of students scoring 3+ in Grades 6-8 Math

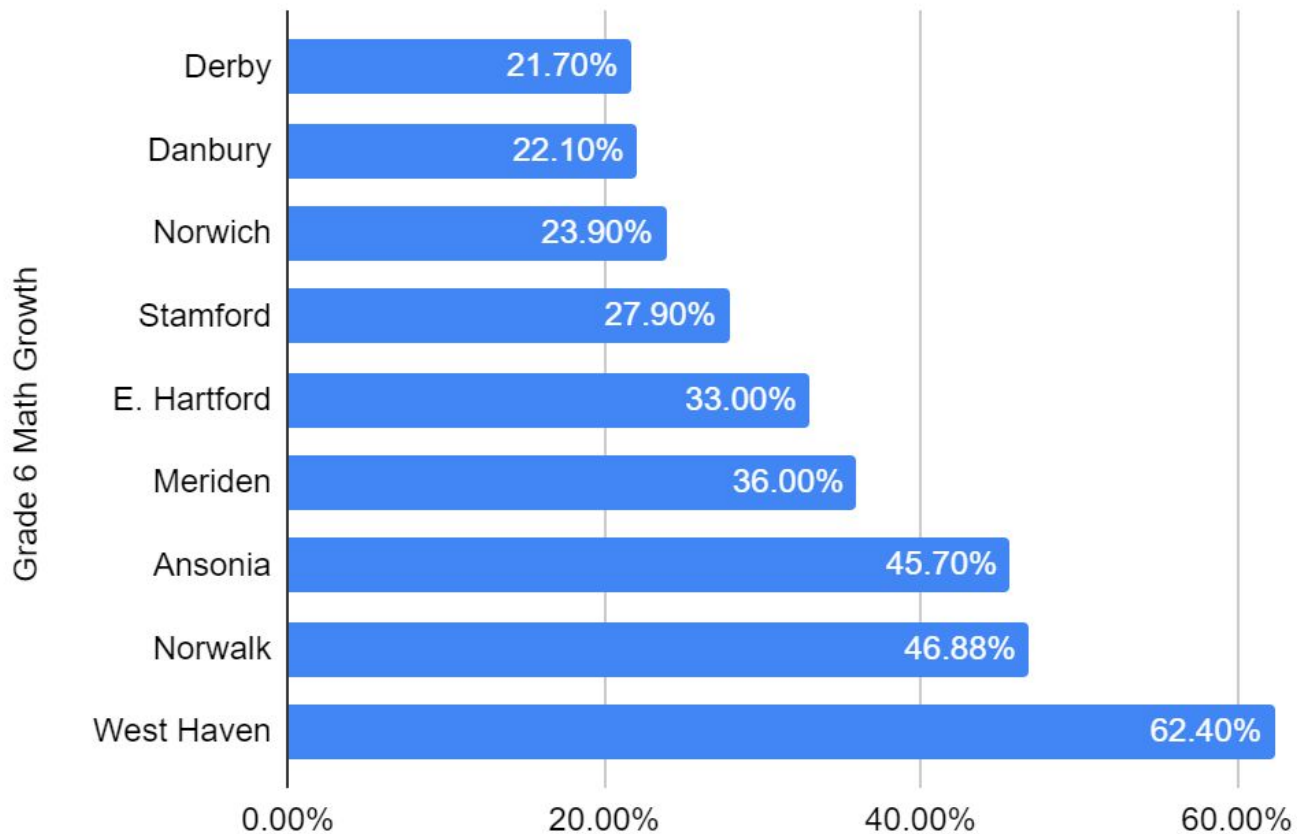
# Mathematics

subgroup 1

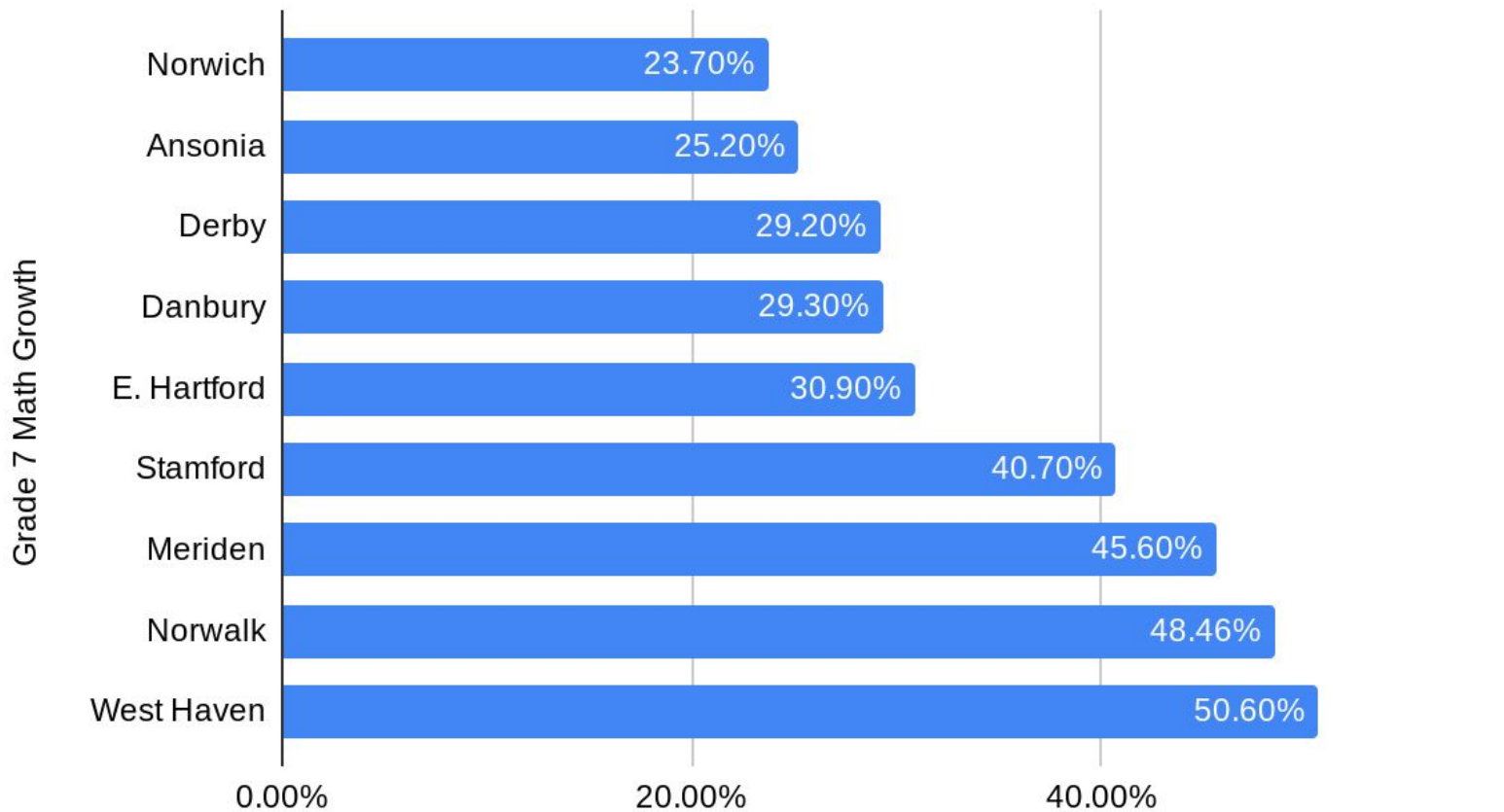




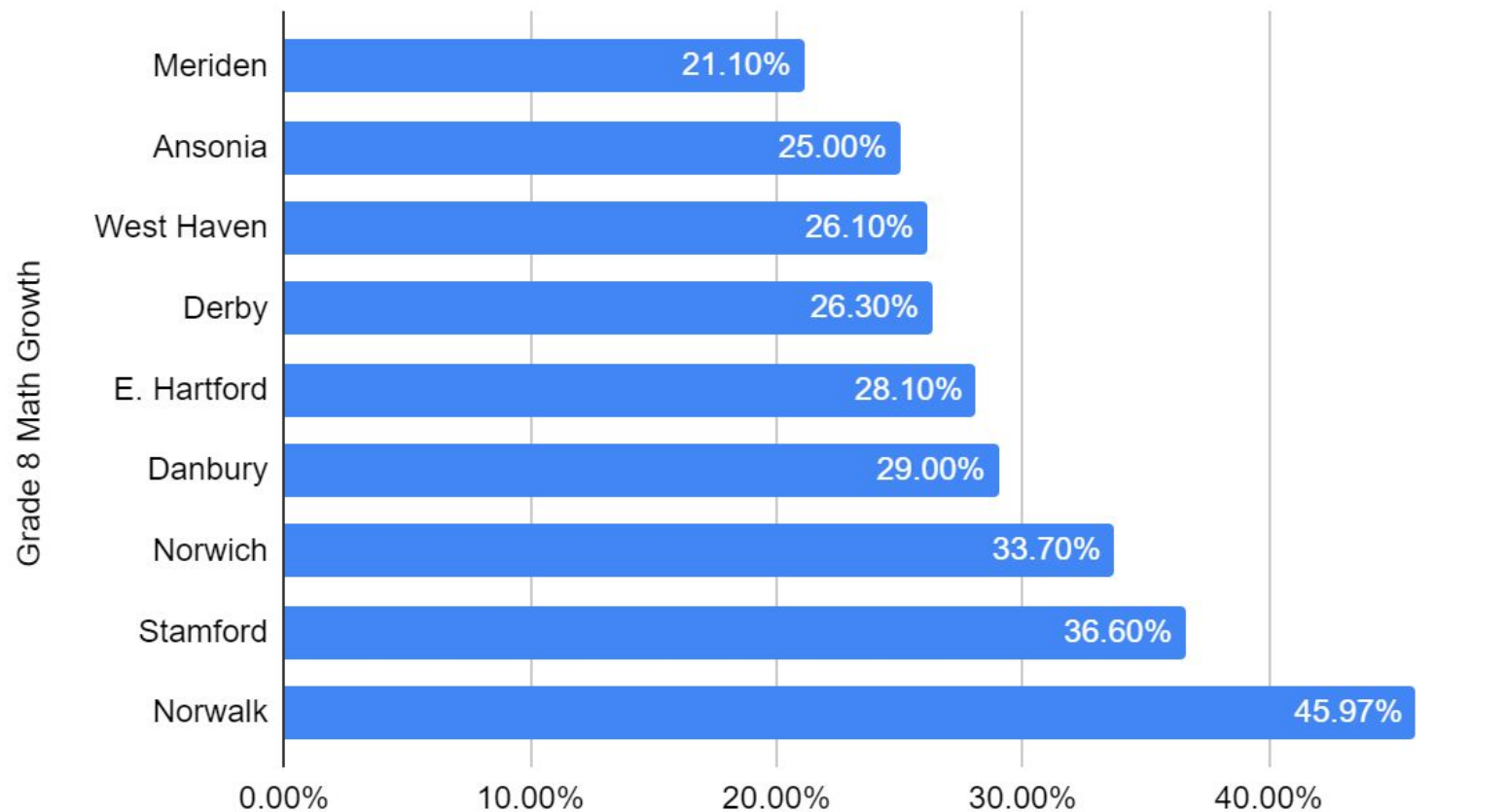
## Grade 6 Math Growth SBAC



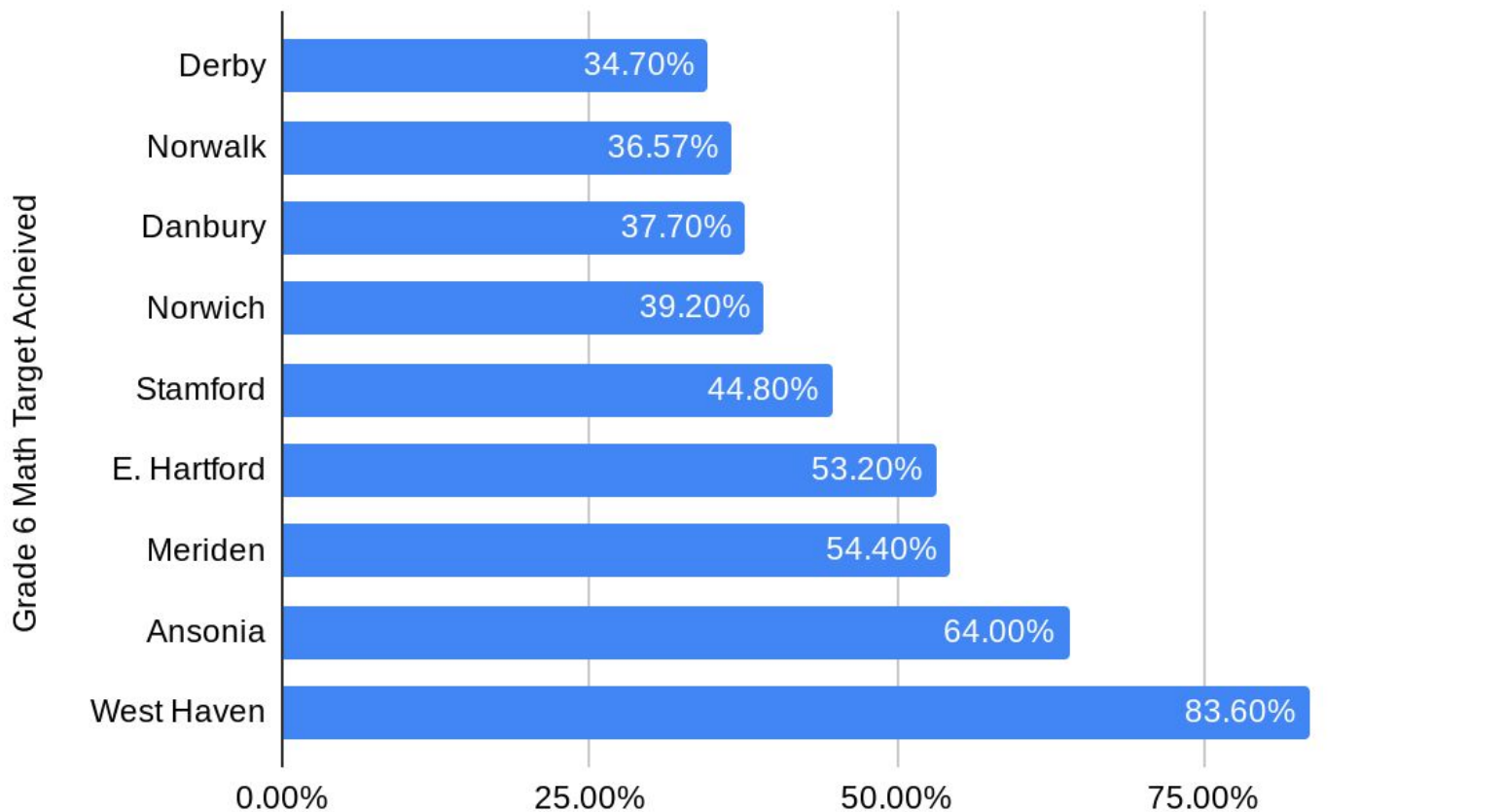
## Grade 7 Math Growth SBAC



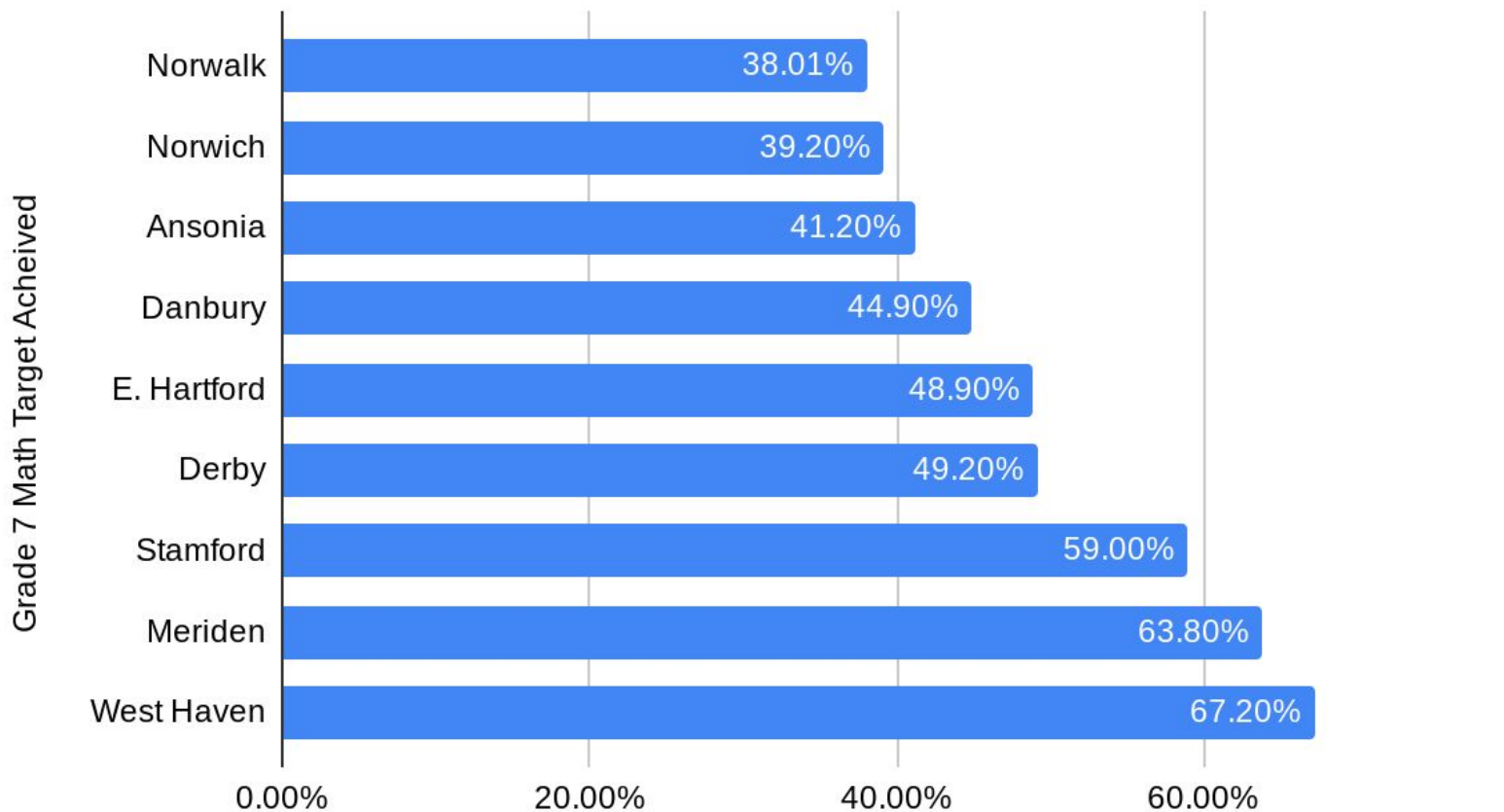
## Grade 8 Math Growth



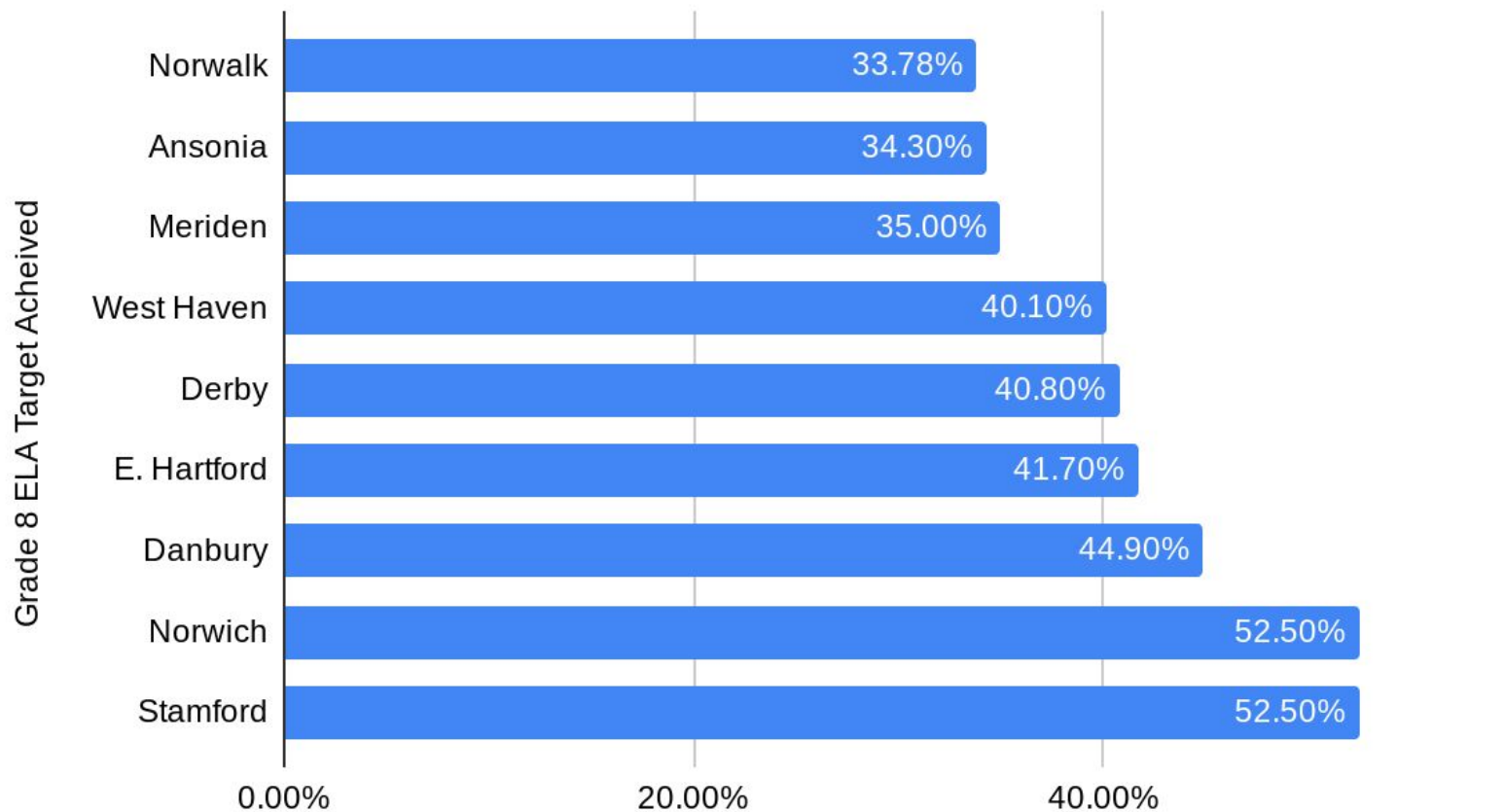
## vs. Grade 6 Math Target Acheived



## vs. Grade 7 Math Target Acheived



## Grade 8 Math % Target Achieved SBAC 2019 by DRG





# Next Steps

- Create alignment across the district by developing a clear vision for **high quality instruction (HQI)**
- Continue to implement the new standards-based **core reading and math programs (Expeditionary Learning and Illustrative Math)**
- Utilize **i-Ready** diagnostic assessment and instructional component to personalize learning and put all students on a path towards proficiency (Grade K- HS Geometry)
- Use **SBAC Interim Assessment Blocks** to monitor progress around smaller instructional targets, while giving students practice using the online test format
- Focus on **small group instruction** and targeted **interventions** through SRBI
- Support general education teachers implementing **modifications/accommodations** for special education to scaffold learning & promote success, while also providing **rigorous enrichment** opportunities for higher achieving students
- Support the implementation of **instructional coaching** and inter-classroom visitation to promote **peer learning** and build teacher capacity

# Questions?

