



Proficiency and Growth

White Bear Lake Area Schools
School Board Meeting
8/10/2015

Proficiency Measure –
Minnesota Comprehensive
Assessment (MCA)

Growth Measure –
Measure of Academic
Progress (MAP)

Minnesota Comprehensive Assessments

- Measure **proficiency** in Minnesota's academic standards
- Math in grades 3 – 8 and 11
- Reading in grades 3 – 8 and 10
- Science in grades 5, 8, and high school

White Bear Lake Area Schools Proficiency, 2015

Math, 64.8% proficient

- down 3 percentage points since 2014

Reading, 64.6% proficient

- no change since 2014

Science, 60.3% proficient

- up 0.4 percentage points since 2014



White Bear Lake Area Schools Proficiency Trends

New Math test in 2011 in grades 3 – 8, 2014 in grade 11

- up 2.1 percentage points since new standards

New Reading test in 2013, all grades

- up 1.1 percentage points since new standards

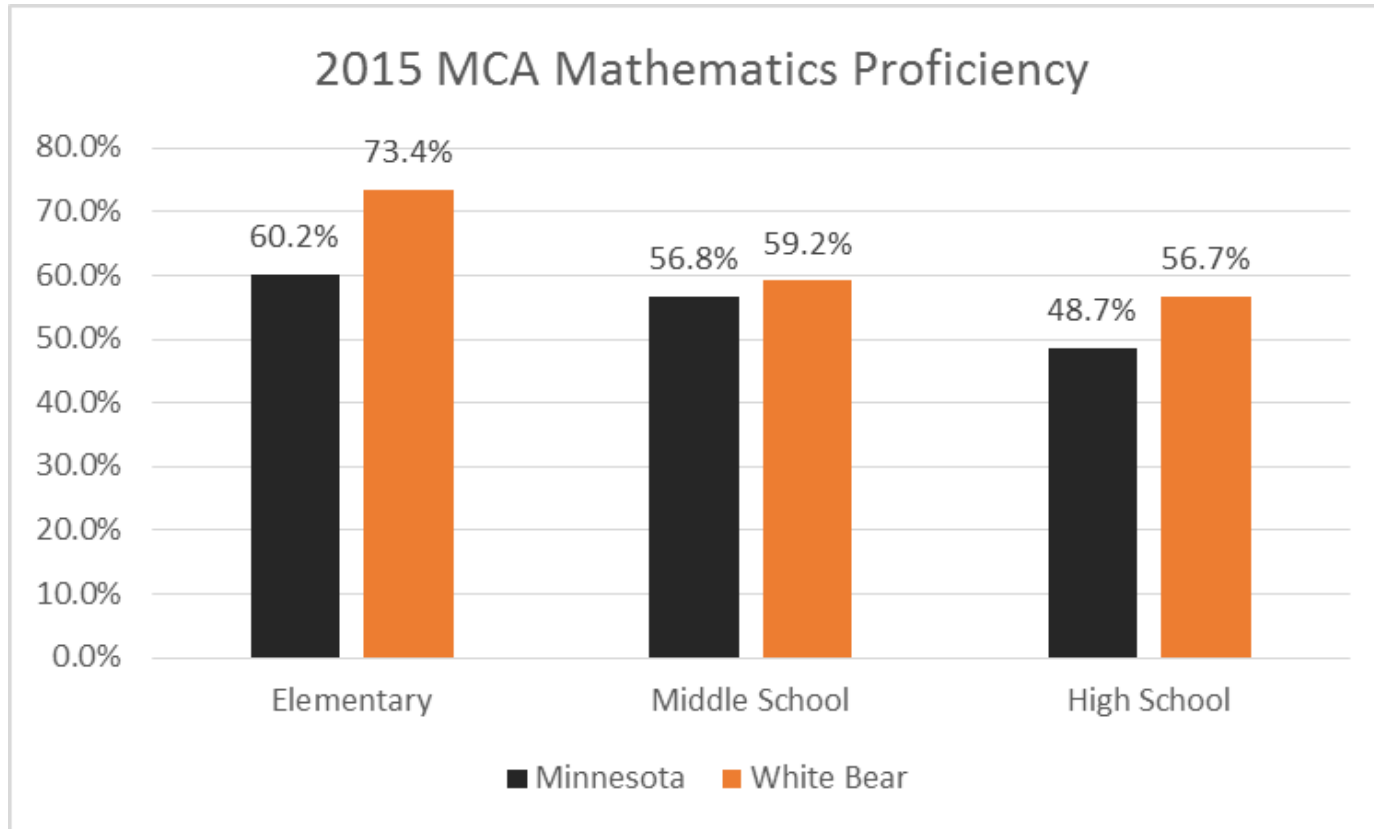
New Science test in 2012, all grades

- up 2.7 percentage points since new standards



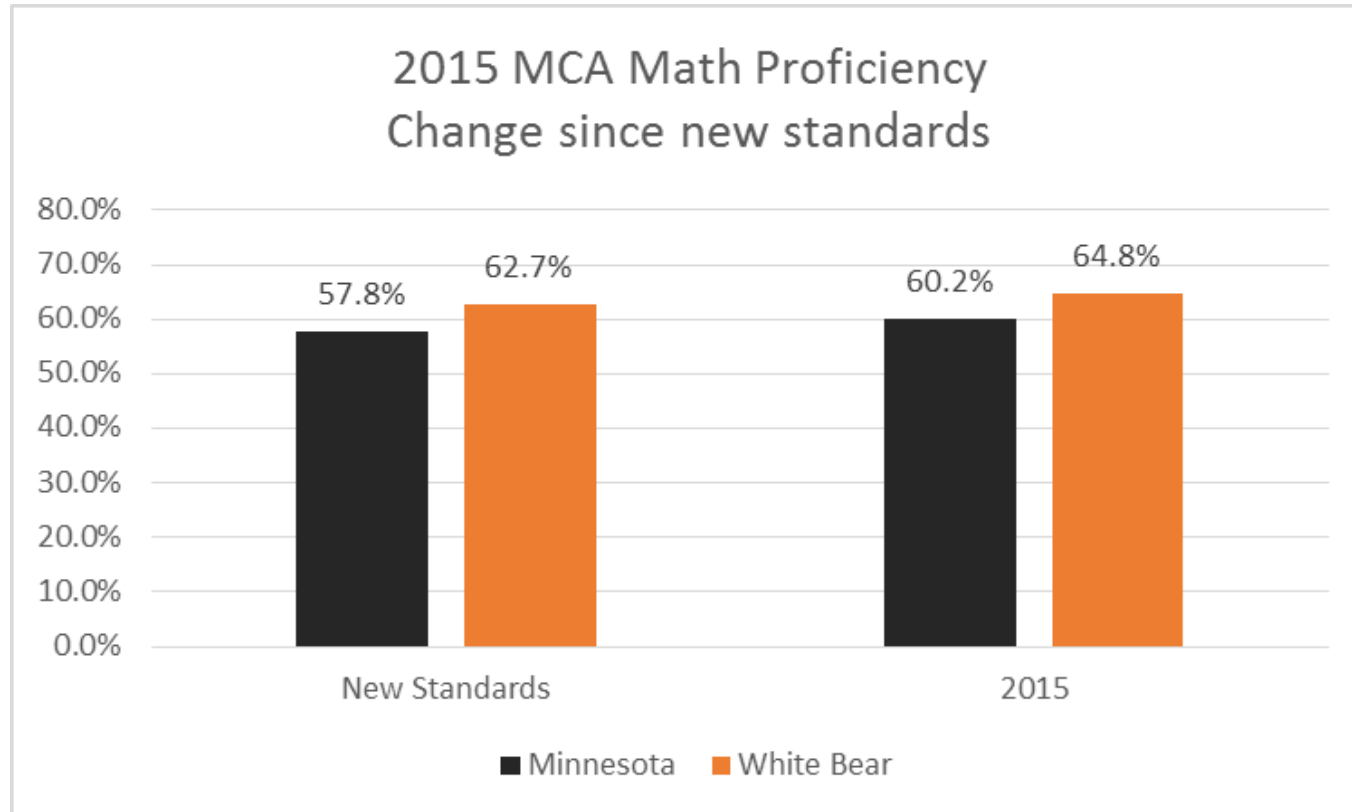
MCAIII Math

District-wide, White Bear students exceed State proficiency level by 4.6 percentage points



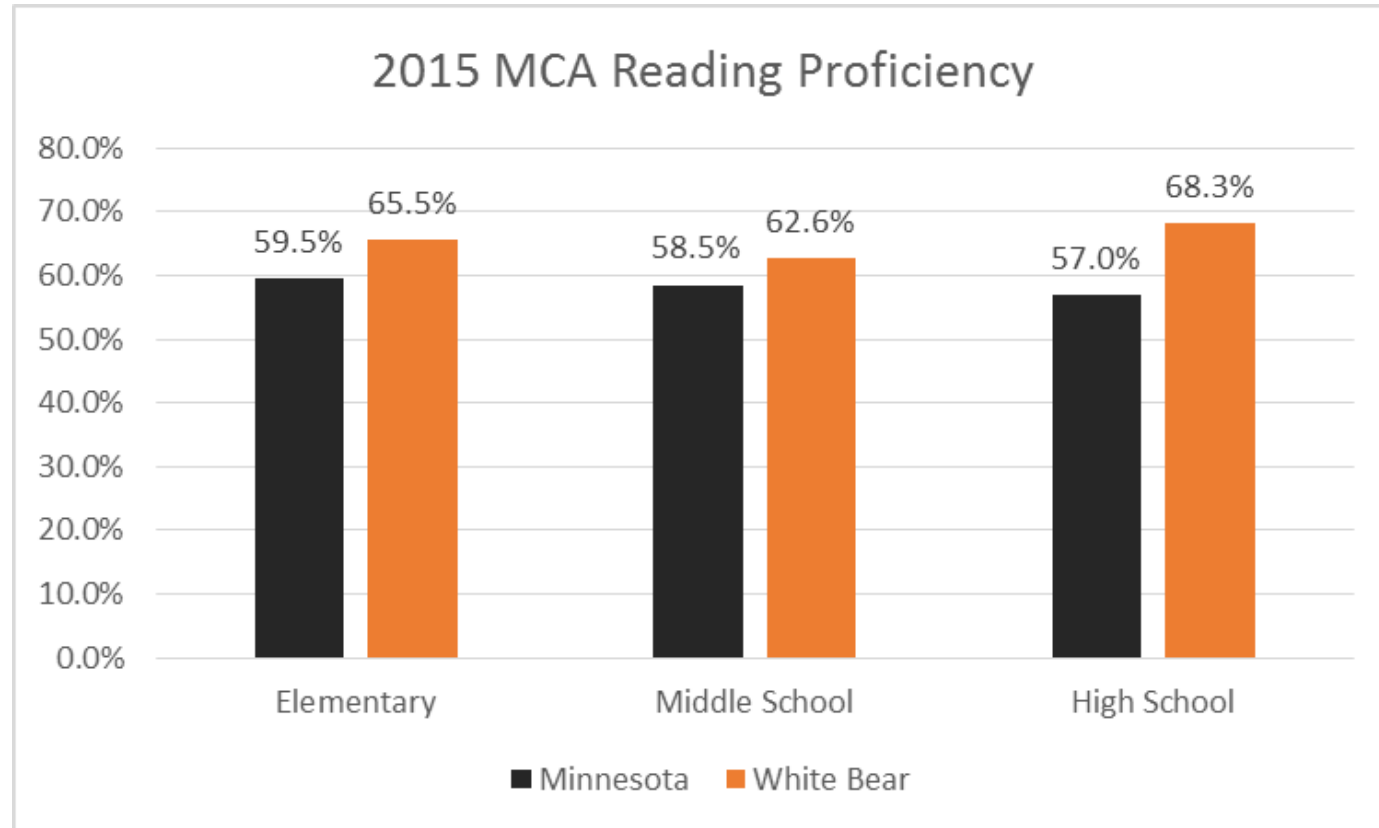
MCAIII Math

2.1 percentage point increase since new math test



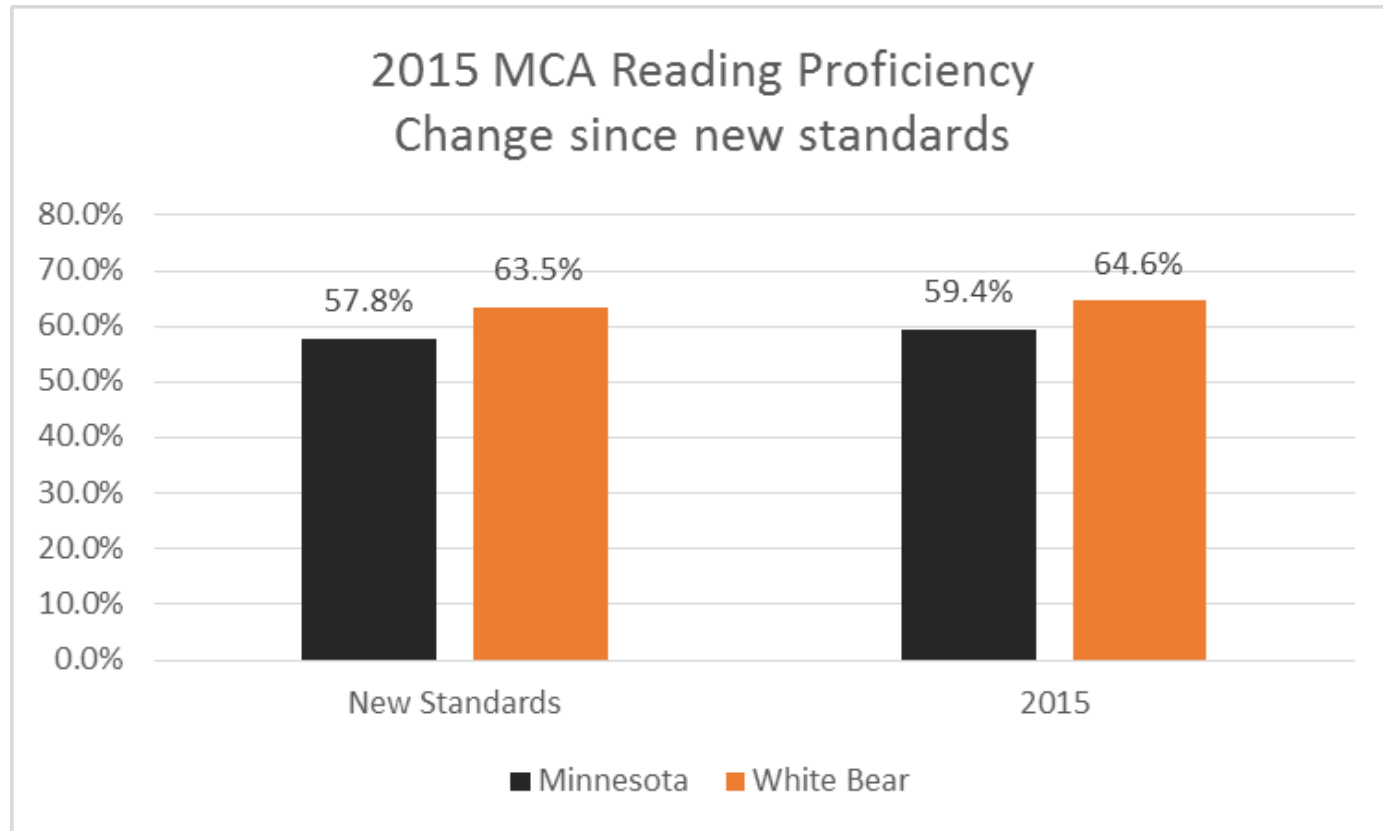
MCAIII Reading

Exceeds State proficiency level by 5.2 percentage points



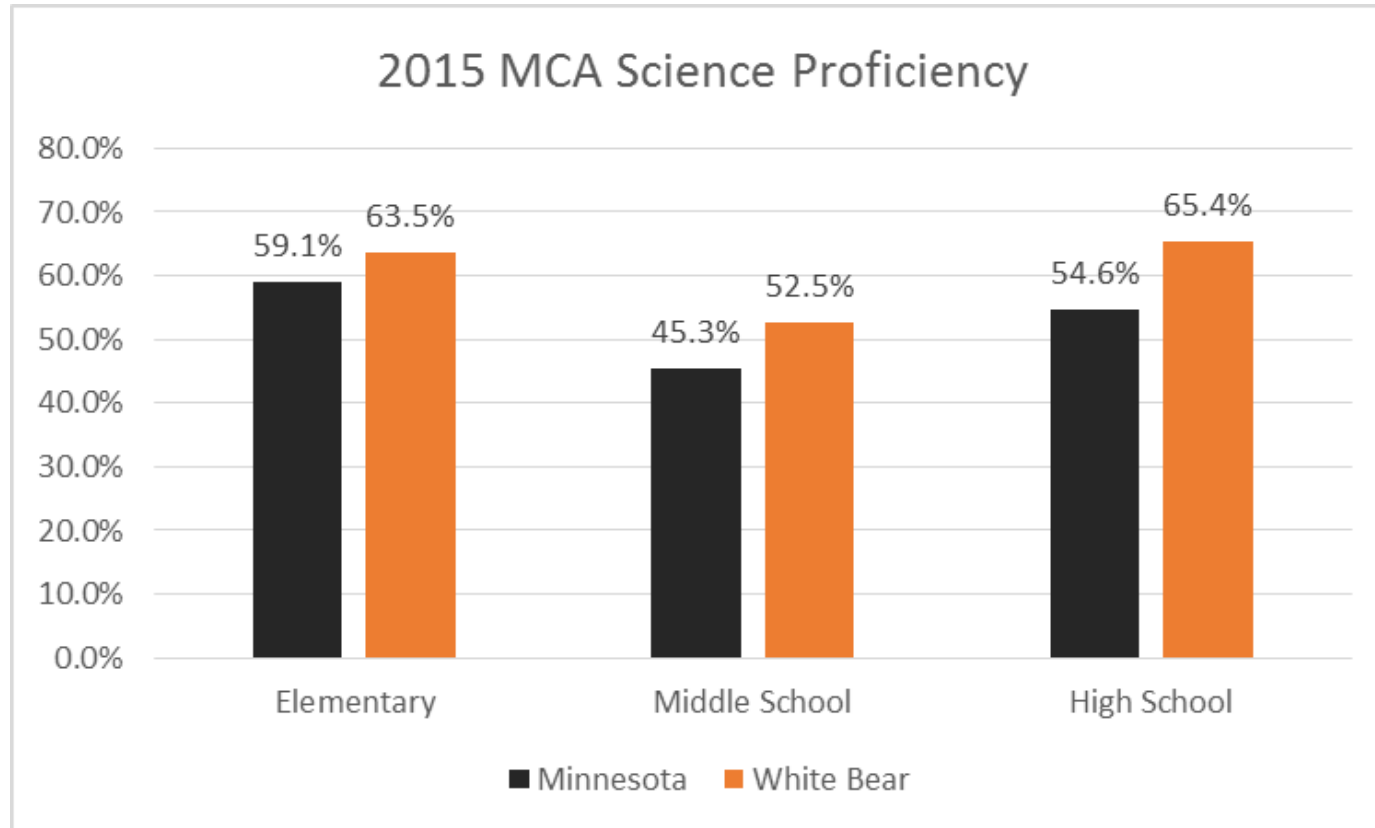
MCAIII Reading

Increase of 1.1 percentage points since new test



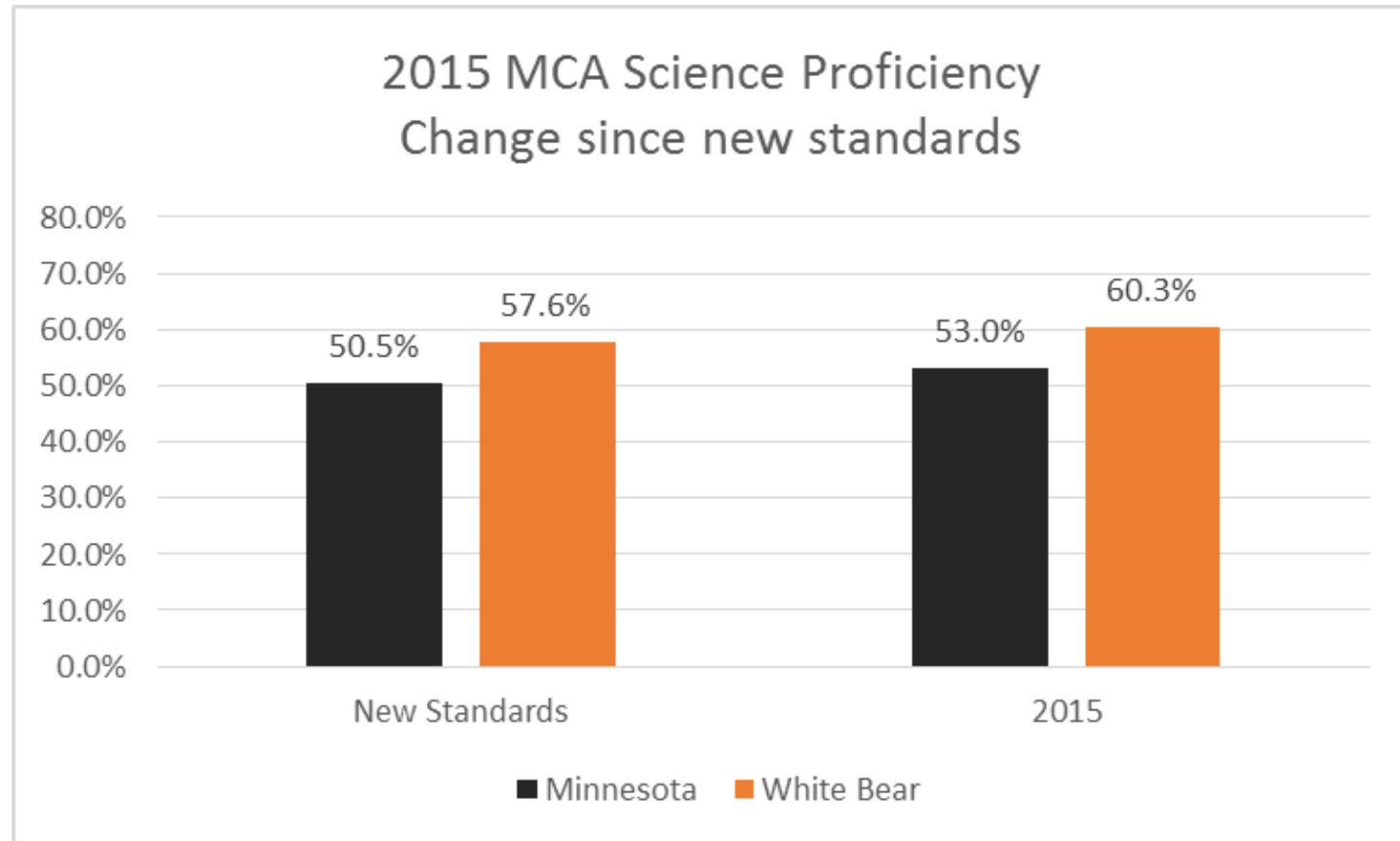
MCAIII Science

7.3 percentage point higher proficiency than the State



MCAIII Science

2.7 percentage point increase since new test



NWEA Measure of Academic Progress (MAP)

- Computer based adaptive assessment used to measure student growth.
- Administered fall and spring in grades 1 through 10, with winter assessment in grades 1 through 4.
- Reading and math.

MAP Growth Norms

- Nationally normed average yearly growth measure based on grade, starting RIT, and subject.
- RIT (Rausch Unit) score continuous grades 1 through 10.

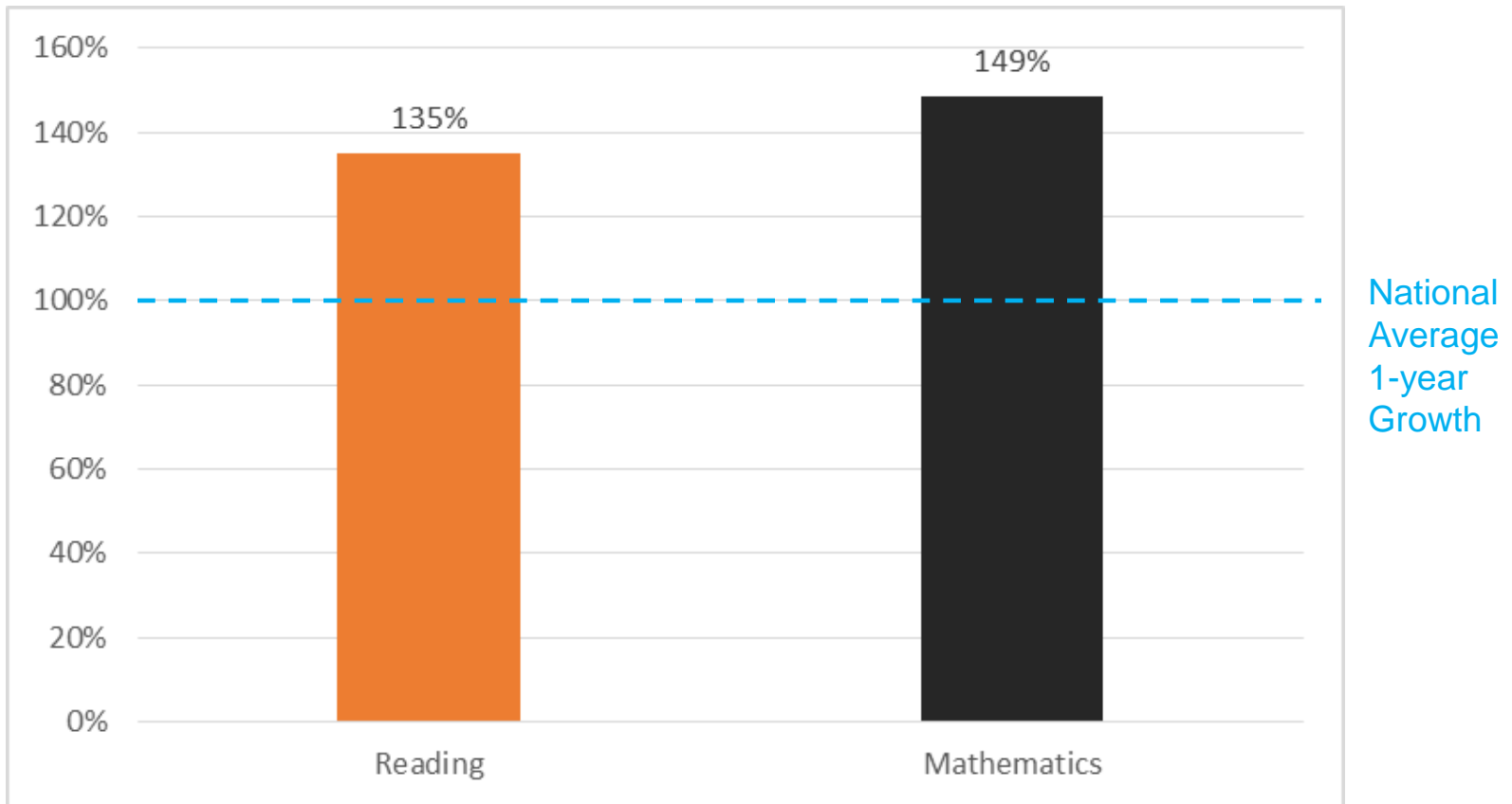
Percent of target RIT growth met or exceeded

- Proportion of the overall RIT growth targets achieved by our students.
- Sum of growth achieved divided by the sum of target growths.

Elementary Level

1 year, 4 month average growth in reading

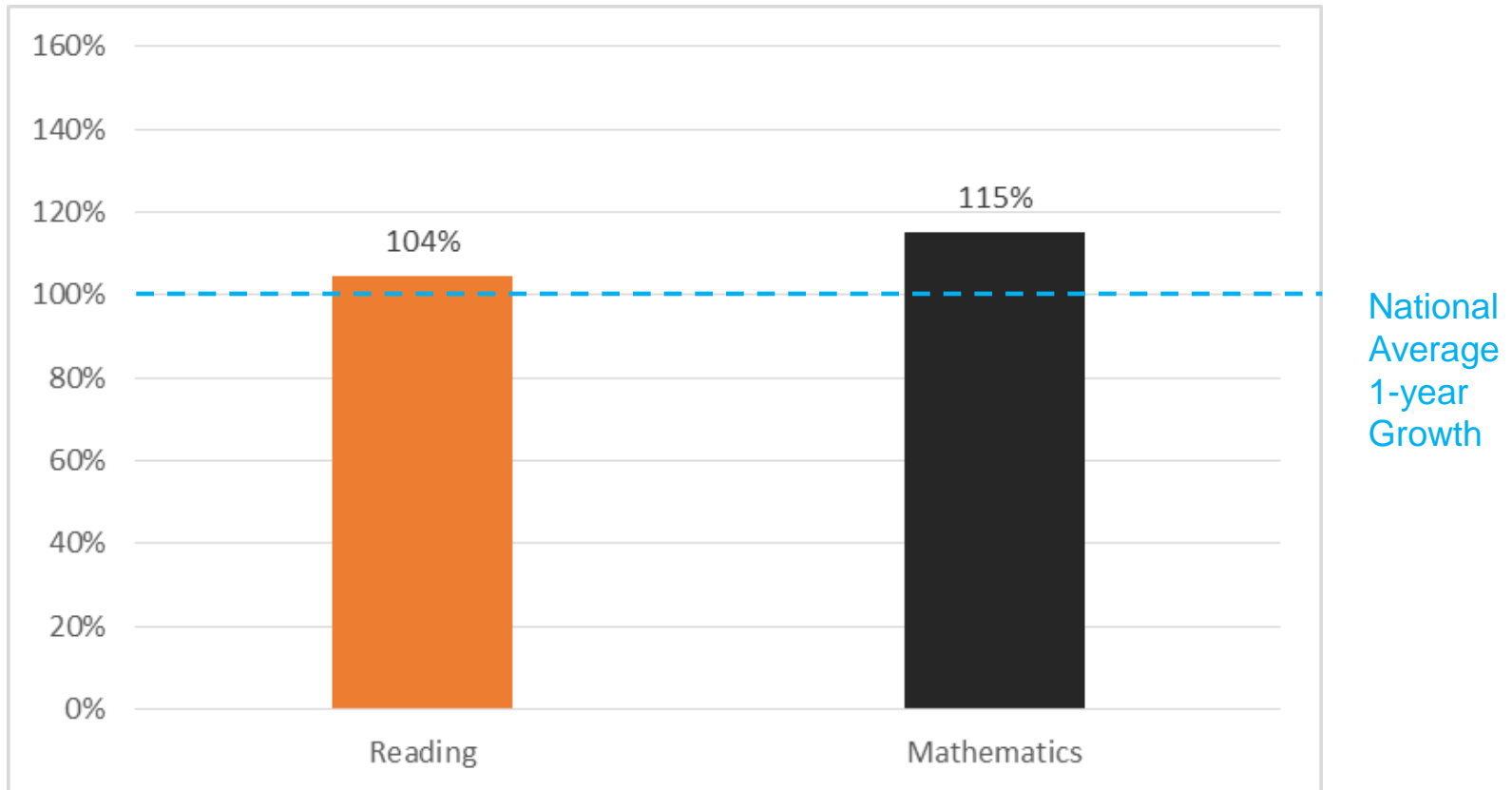
1 year, 6 month average growth in math



Grades 6 through 8

1 year average growth in reading

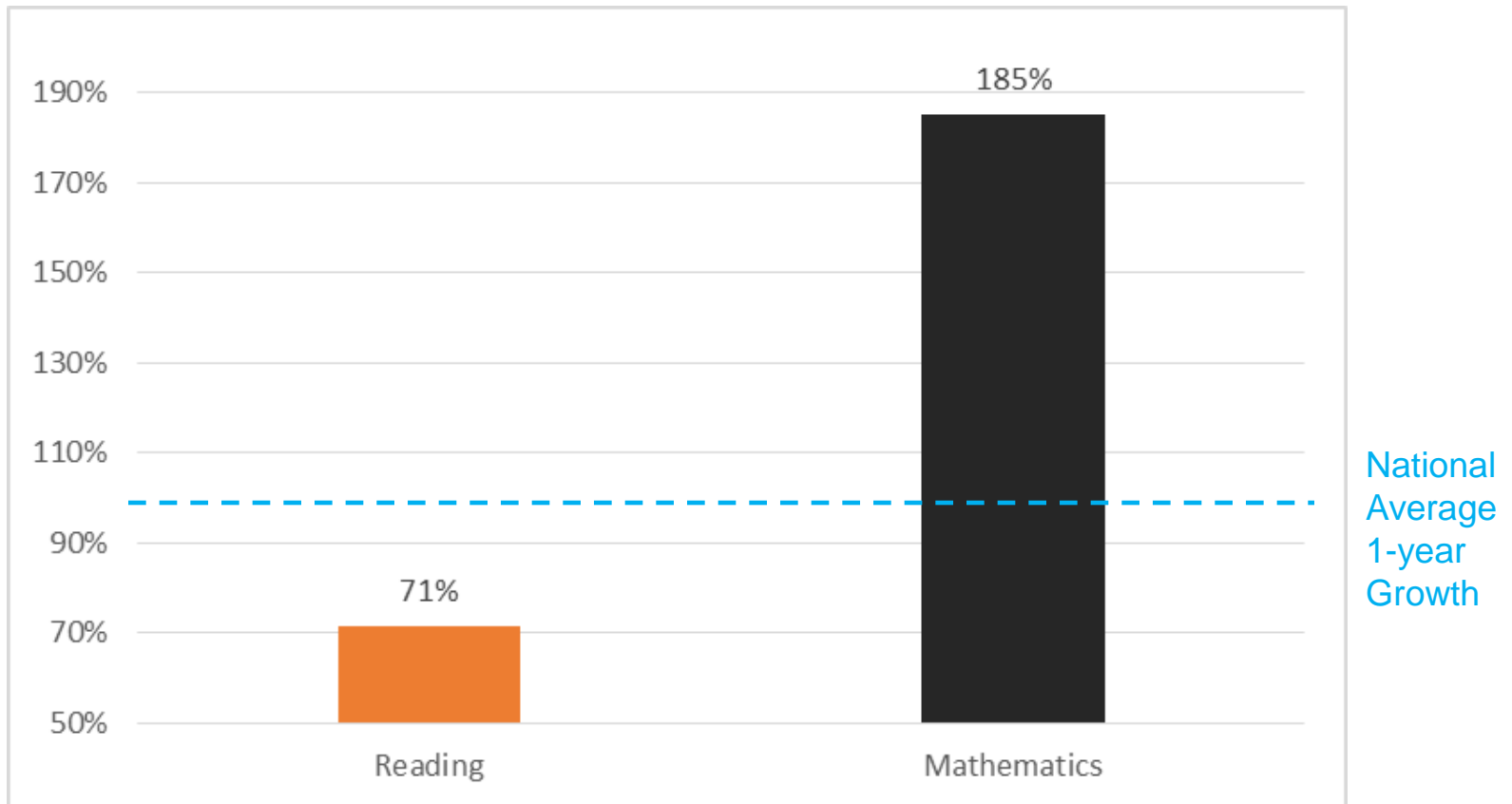
1 year, 2 months average growth in math



Grades 9 and 10

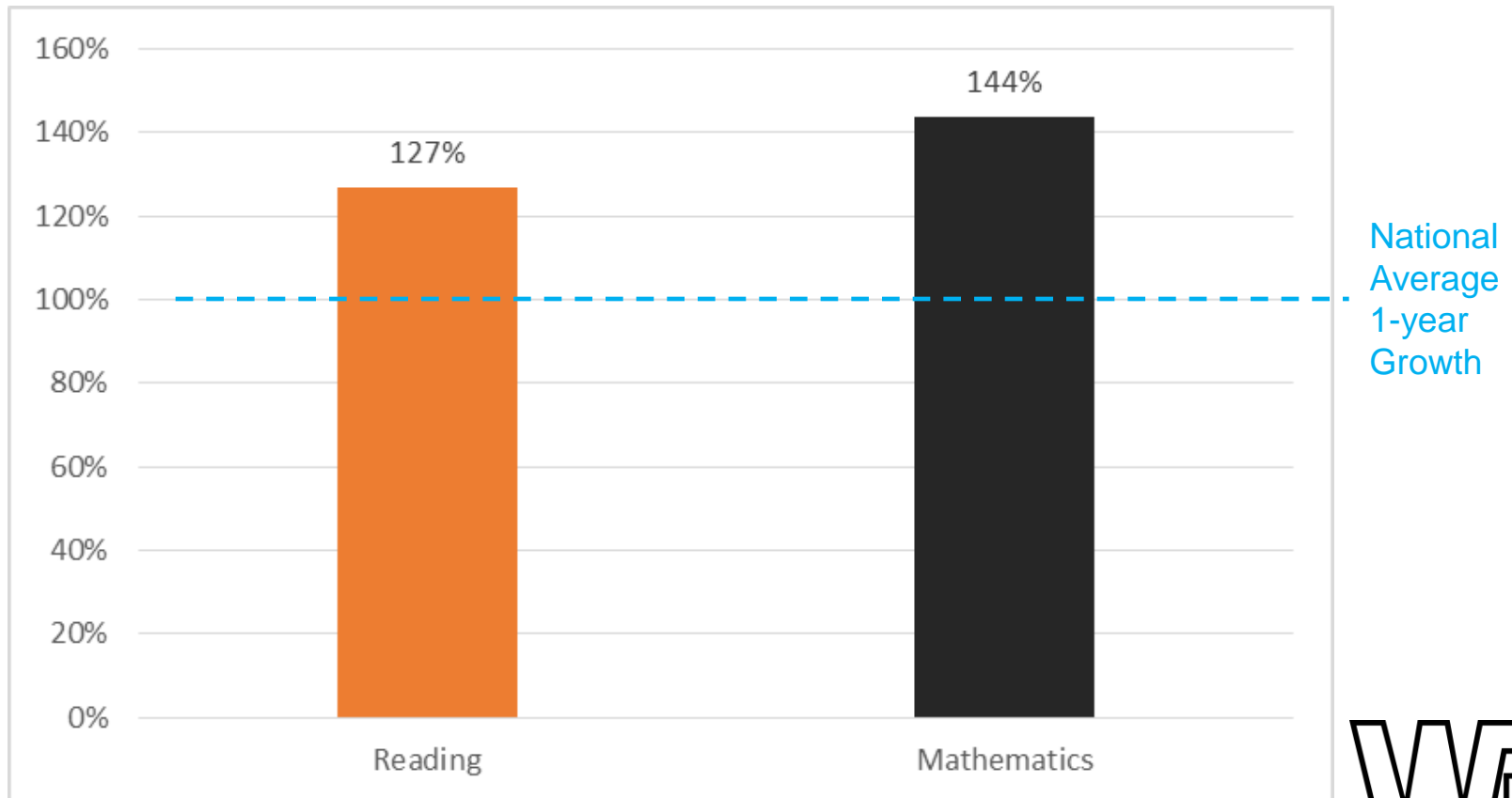
8 months average growth in reading

1 year, 10 months average growth in math



District-wide Growth, as measured by MAP

1 year, 3 month average growth in reading
1 year, 5 month average growth in math.



District-wide Proficiency as measured by MCA

- **Math** down 3 points over 1 year
 up 2.1 points since new test (2011)
- **Reading** no change over 1 year
 up 1.1 points since new test (2013)
- **Science** up 0.4 points over 1 year
 up 2.7 points since new test (2012)



**WRB
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