



Middle School Study Data Presentation

April, 2016

Demographic Data: 15-16

	Badger Ridge Middle School		Savanna Oaks Middle School		Core Knowledge Charter School	
Total Enrollment	509		504		415	
Ethnicity						
Asian	12	2.4%	18	3.6%	34	8.2%
Black or African American	42	8.3%	38	7.5%	28	6.7%
Hispanic	110	21.6%	101	20.0%	48	11.6%
American Indian or Alaskan Native	1	0.2%	1	0.2%	1	0.2%
Native Hawaiian or Other Pacific Islander	0	0.0%	2	0.4%	0	0.0%
Two or More	12	2.4%	24	4.8%	11	2.7%
White	332	65.2%	320	63.5%	293	70.6%
Disadvantaged						
Yes	160	31.4%	147	29.2%	74	17.8%
No	349	68.6%	357	70.8%	341	82.2%
EEN Status						
Yes	39	7.7%	37	7.3%	9	2.2%
No	470	92.3%	467	92.7%	406	97.8%
ELL Status						
English Language Learner	60	11.8%	56	11.1%	47	11.3%
Formerly ELL, now Fully English Proficient	46	9.0%	53	10.5%	25	6.0%
Never ELL, Fully English Proficient	403	79.2%	395	78.4%	343	82.7%

6-8 enrollment at CKCS is currently 148

K-8

Are student readiness levels upon entering 6th grade similar at each middle school based on MAP data?

% Proficient + Advanced MAP Reading

School	Current 6th grade: Fall MAP	Current 7th grade: MAP Data Fall of 6th grade year	Current 8th grade: MAP Data Fall of 6th grade year	Current Freshman: MAP Data Fall of 6th grade year	Current Sophomores: MAP data Spring 5th grade year	Current Juniors: MAP data Spring 5th grade year
CKCS	53%	50%	55%	61%	Not All Students Tested	Not All Students Tested
BRMS	35%	38%	46%	45%	48%	42%
SOMS	42%	54%	39%	48%	47%	46%

% Proficient + Advanced MAP Math

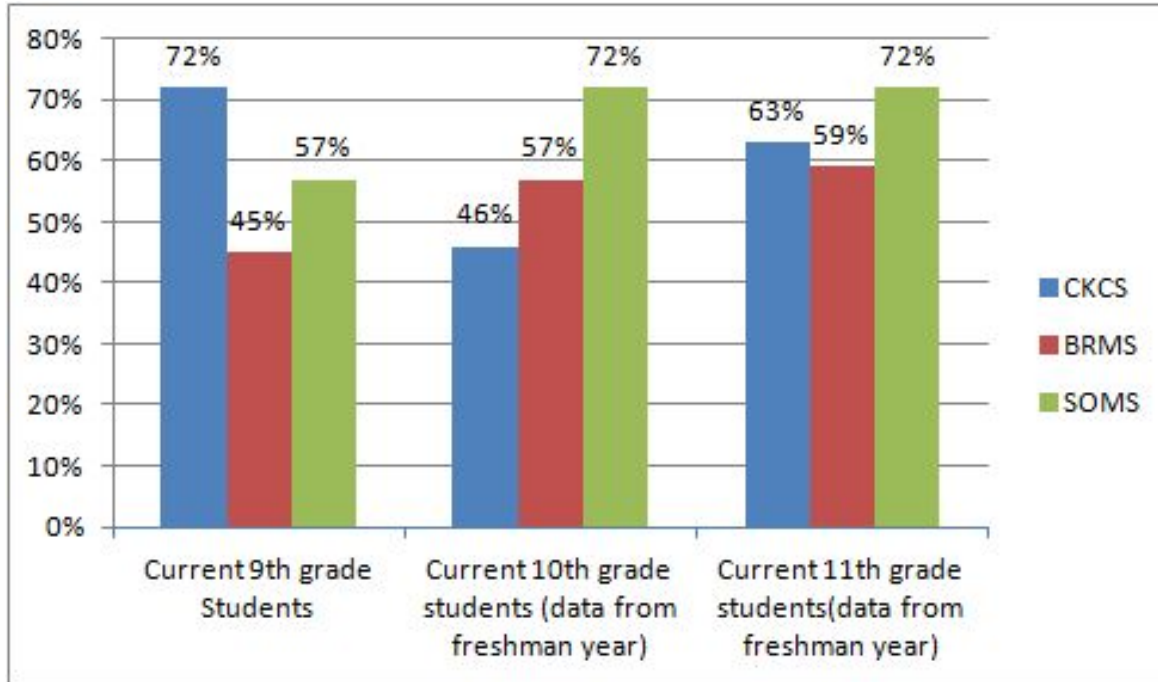
School	Current 6th grade: Fall MAP	Current 7th grade: MAP Data Fall of 6th grade year	Current 8th grade: MAP Data Fall of 6th grade year	Current Freshman: MAP Data Fall of 6th grade year	Current Sophomores: MAP data Spring 5th grade year	Current Juniors: MAP data Spring 5th grade year
CKCS	54%	45%	57%	54%	Not All Students Tested	Not All Students Tested
BRMS	35%	44%	49%	49%	50%	55%
SOMS	43%	55%	40%	48%	57%	56%

Observations

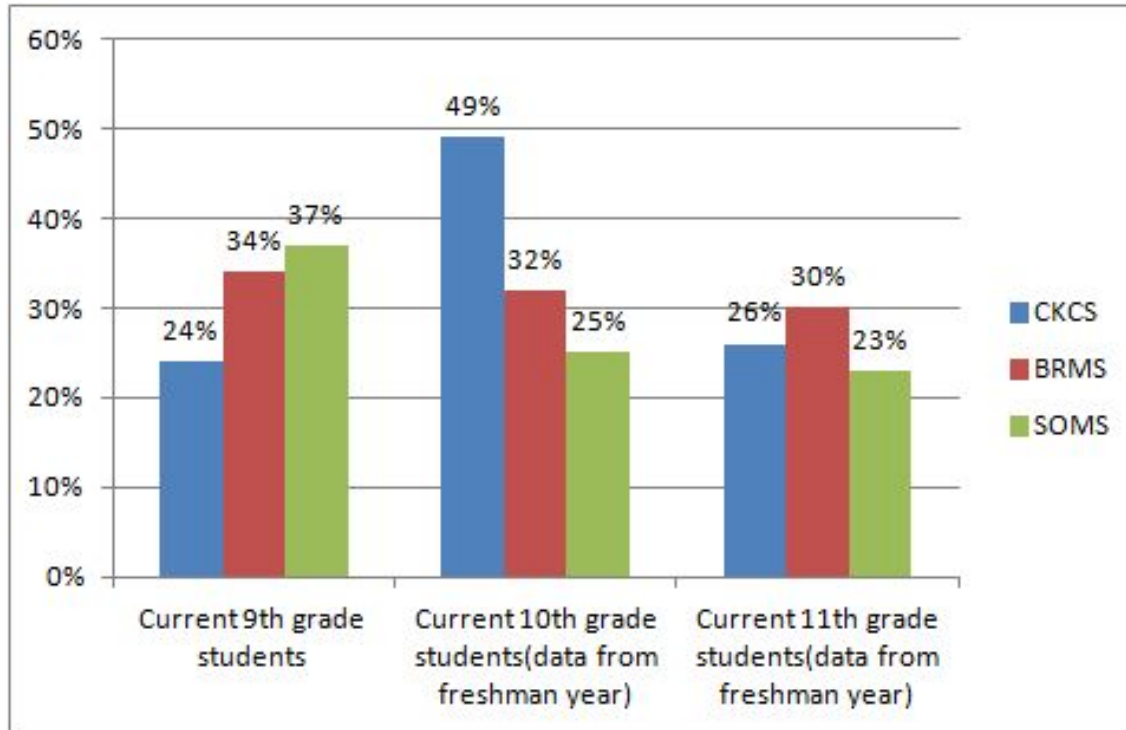
- BRMS students have lower fall MAP data (6th grade year) in both Reading and Math for current 6th and 7th grade students. This trend reverses for current 8th grade students where SOMS has lower scores.
- There is less of a discrepancy between SOMS and BRMS 6th grade MAP data with the current freshman, sophomore and junior classes.

Are students more successful (as measured by course grades and course selection in math and ELA) at VAHS depending upon middle school attended?

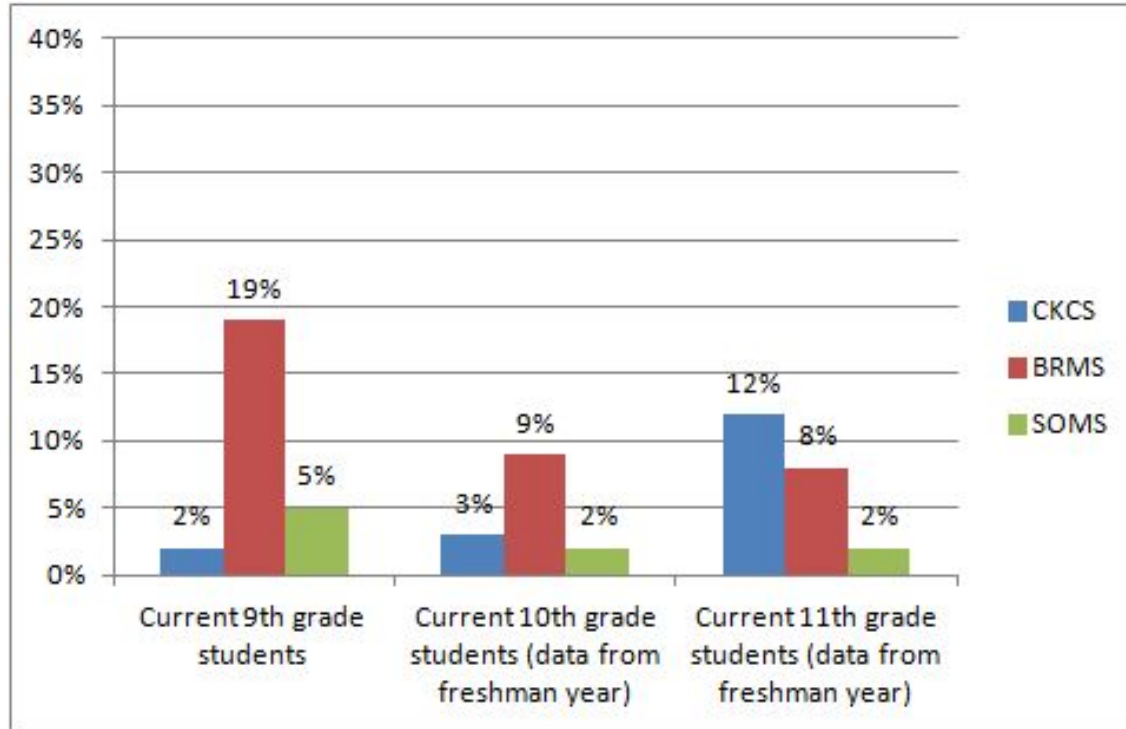
% of students taking **Geometry or higher** their freshman year



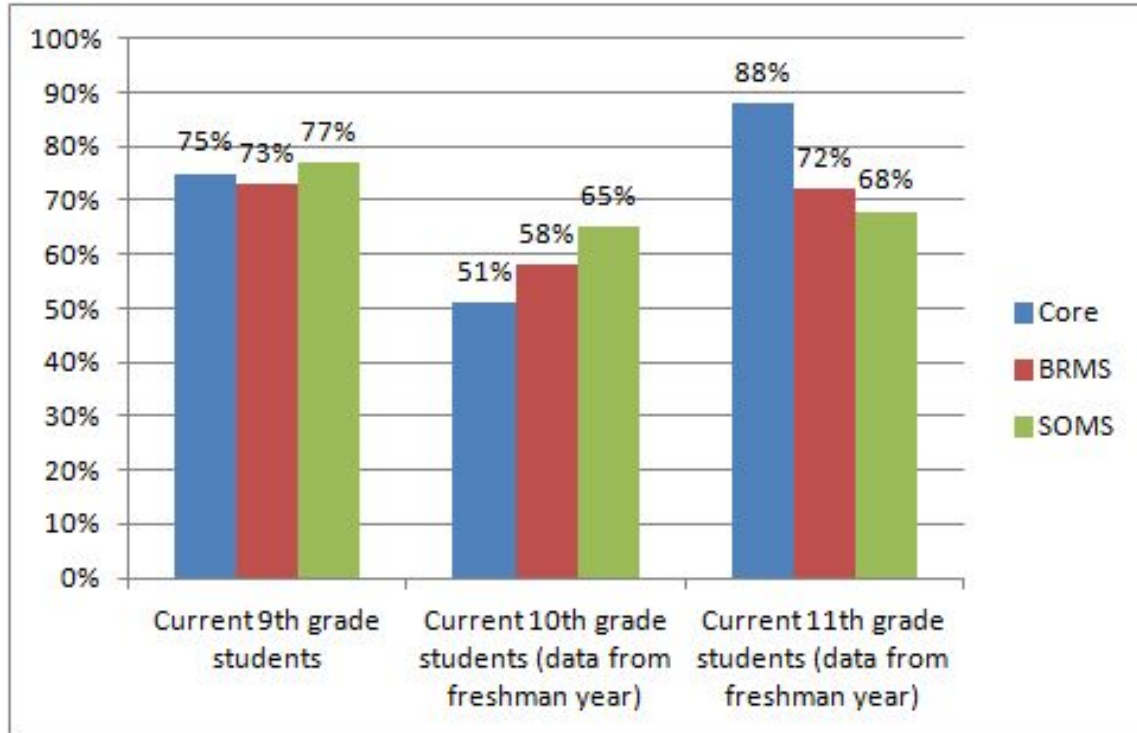
% of students taking **Algebra** (semester 1 or 2) their freshman year



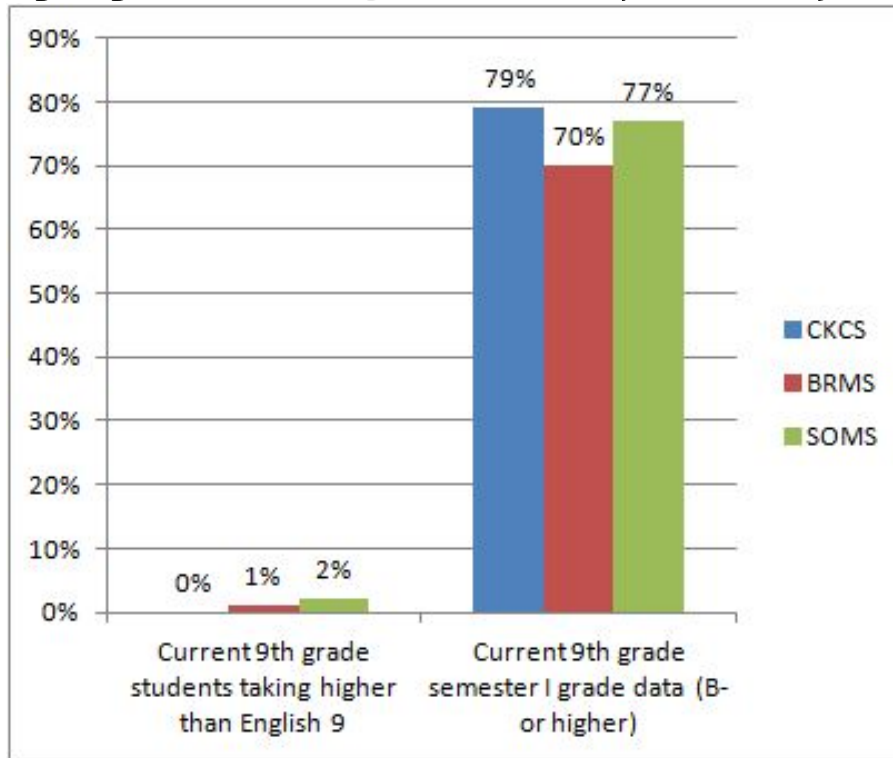
% of students taking **Math Concepts** or **Pre-Algebra** their freshman year



% of students receiving a B- or higher in their freshman math class



% of students taking higher than **English 9** their freshman year and **semester grade data**



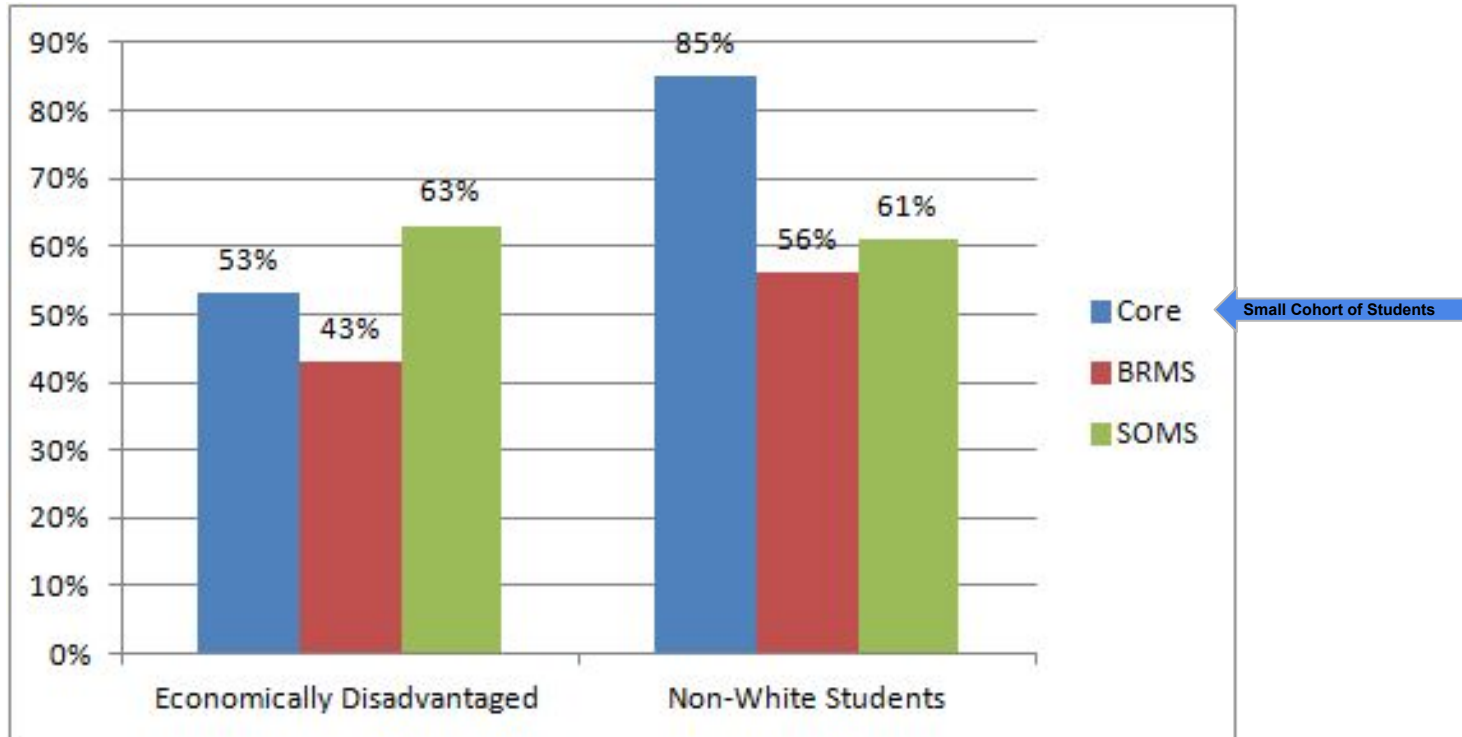
Cohort data for 10th and 11th grade students is very similar

Observations

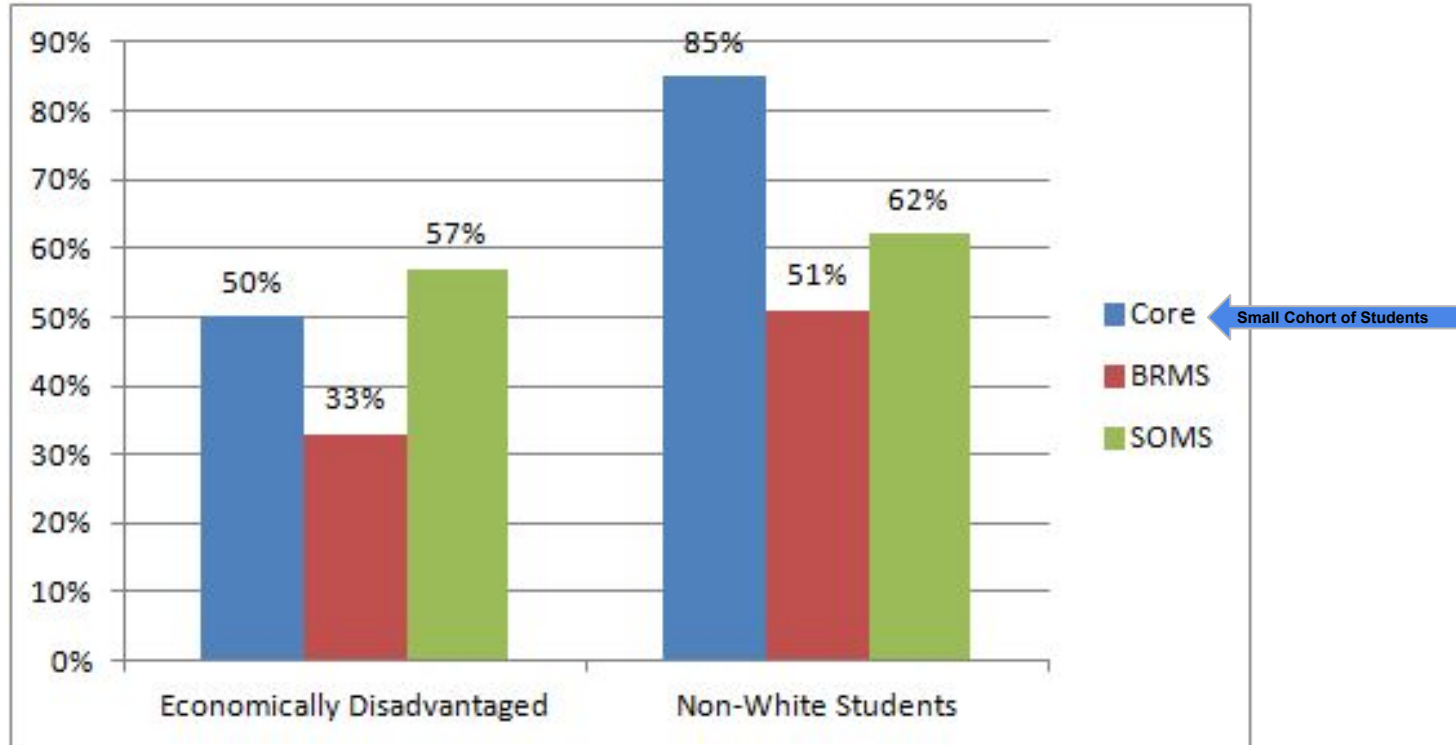
- CKCS and SOMS tend to have a higher percentage of students who are taking Geometry or higher as freshman.
- BRMS tends to have more students who are needing remediation and are taking Pre-Algebra or Math Concepts as freshman.
- A majority of students from all three middle schools appear to be doing well as far as grades in their freshman math and ELA classes.

Are there demographic disparities in academic growth (as measured by courses taken and grades received) at VAHS?

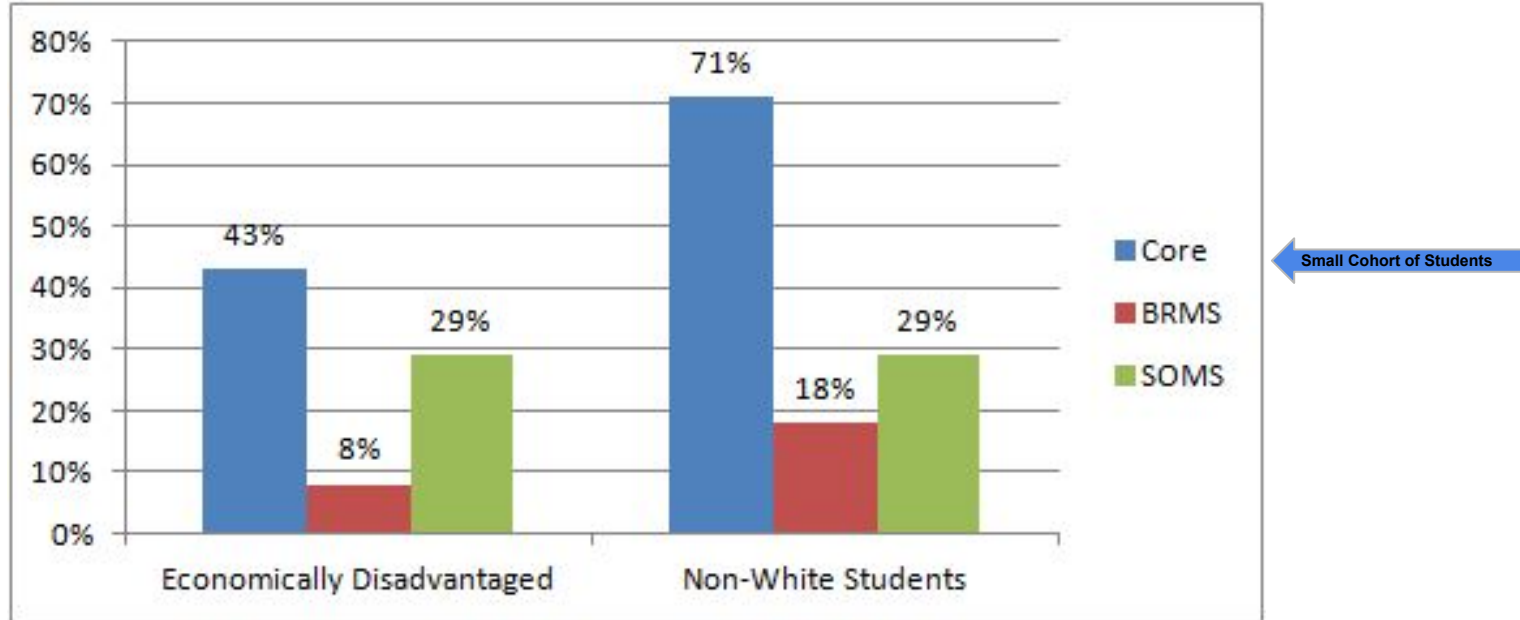
% of current Freshman students receiving a B- or better in their current Math class



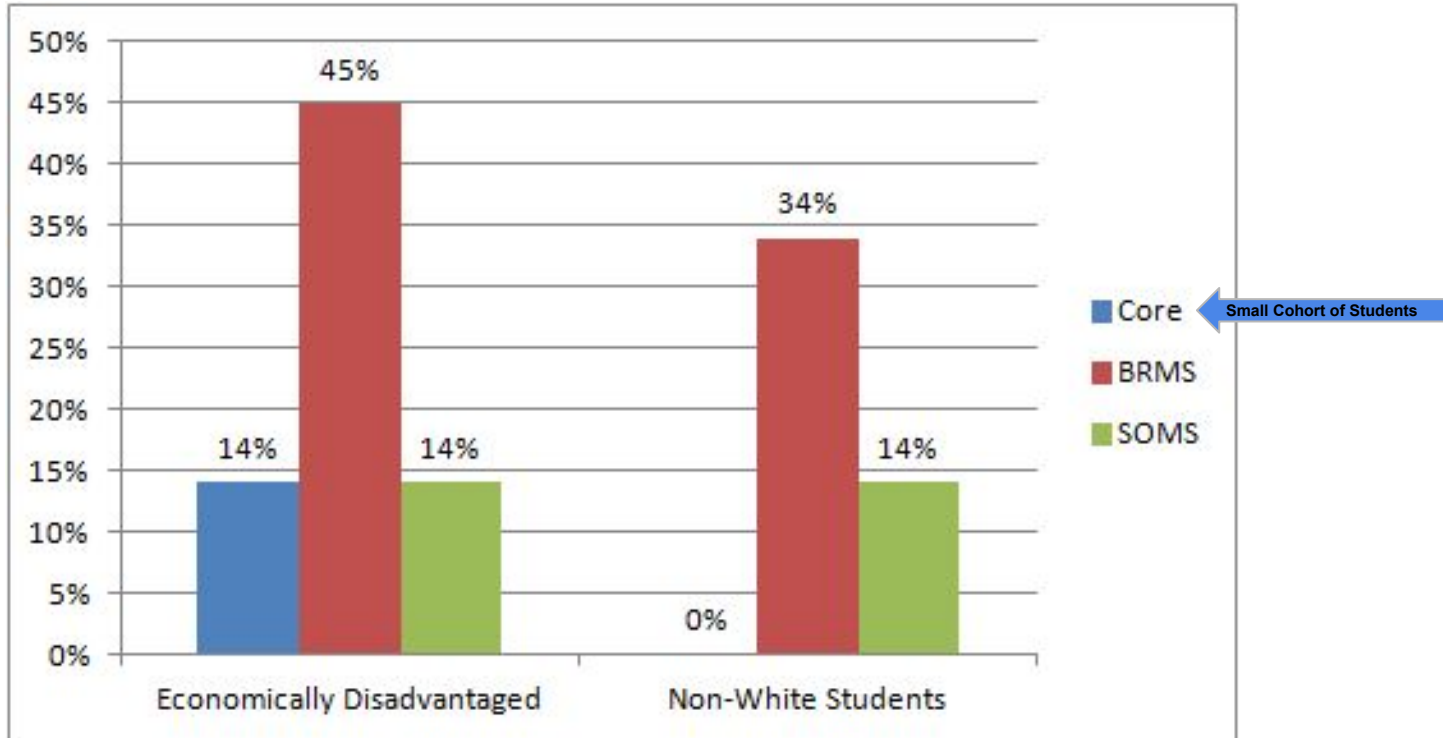
% of current Freshman students receiving a B- or better in their current ELA class



% of current Freshman students taking Geometry or higher



% of current Freshman students taking Pre Algebra or Math Concepts

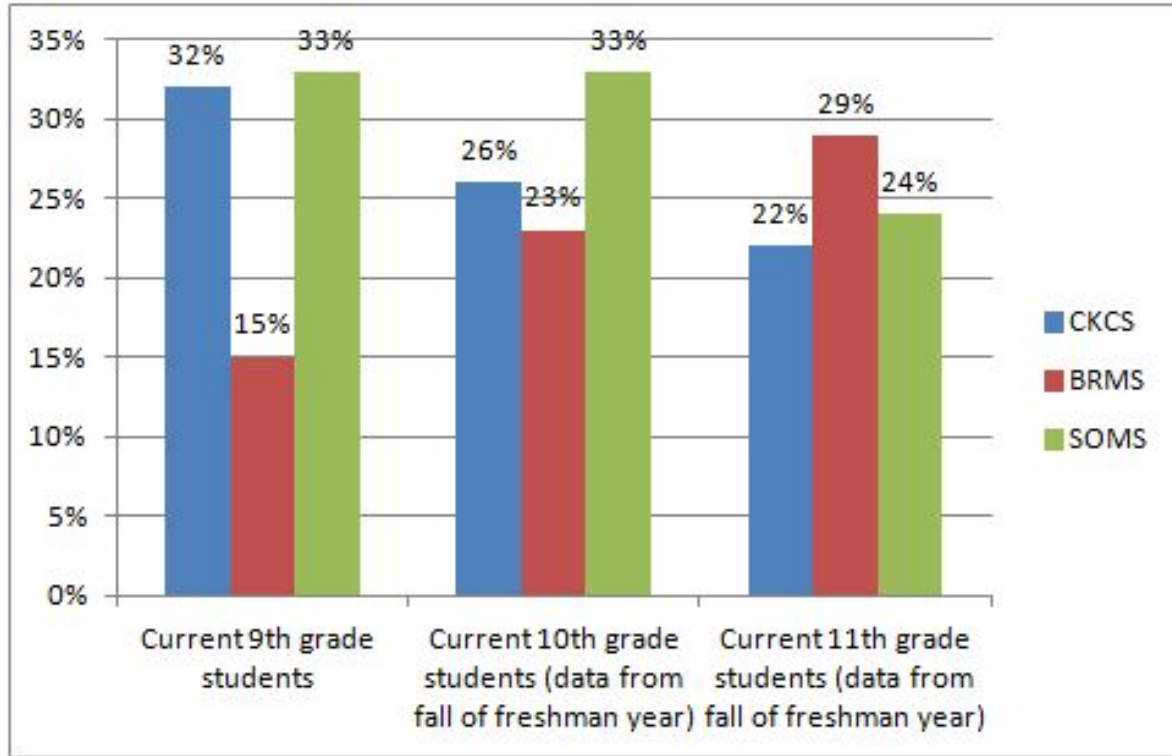


Observations

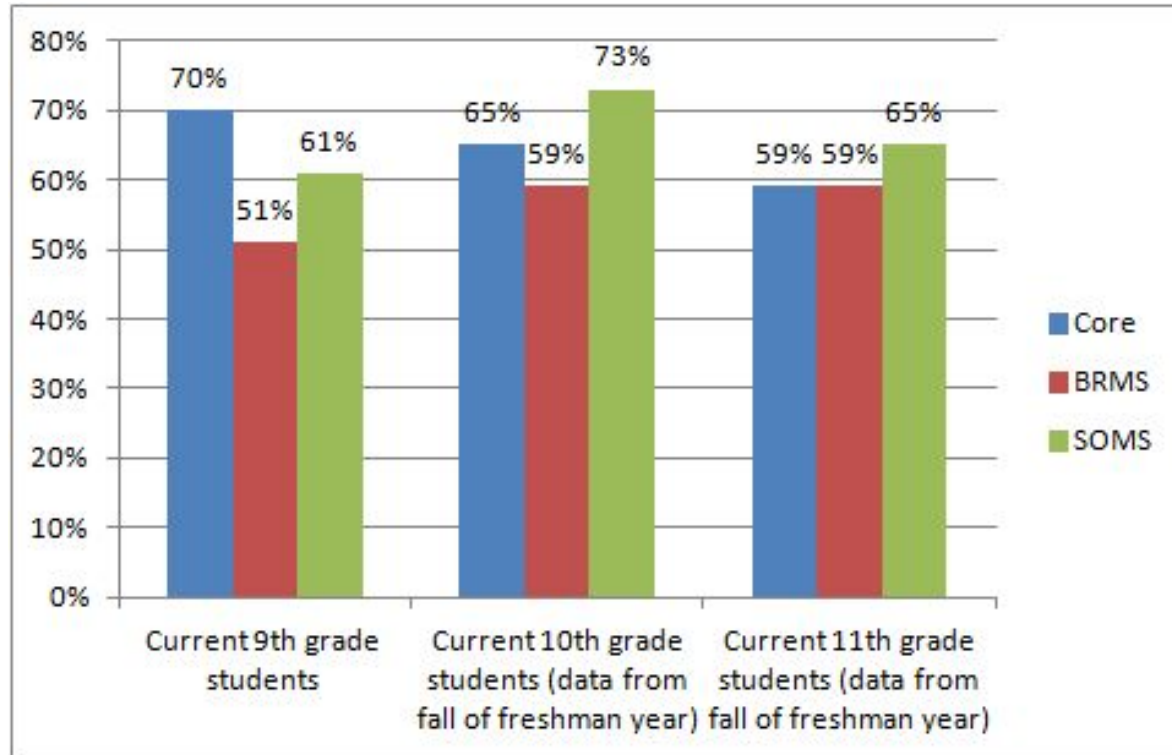
- Savanna and CKCS have a higher percentage of students receiving a B- or better (cell size for CKCS is small).
- Badger has a significantly higher percentage of non-white and economically disadvantaged students taking a math class lower than Algebra I.

Are students meeting proficiency on STAR in math and reading?

% of students on pace or above on the STAR assessment for math fall of freshman year



% of students at proficiency on the STAR assessment for Reading fall of freshman year



Observations

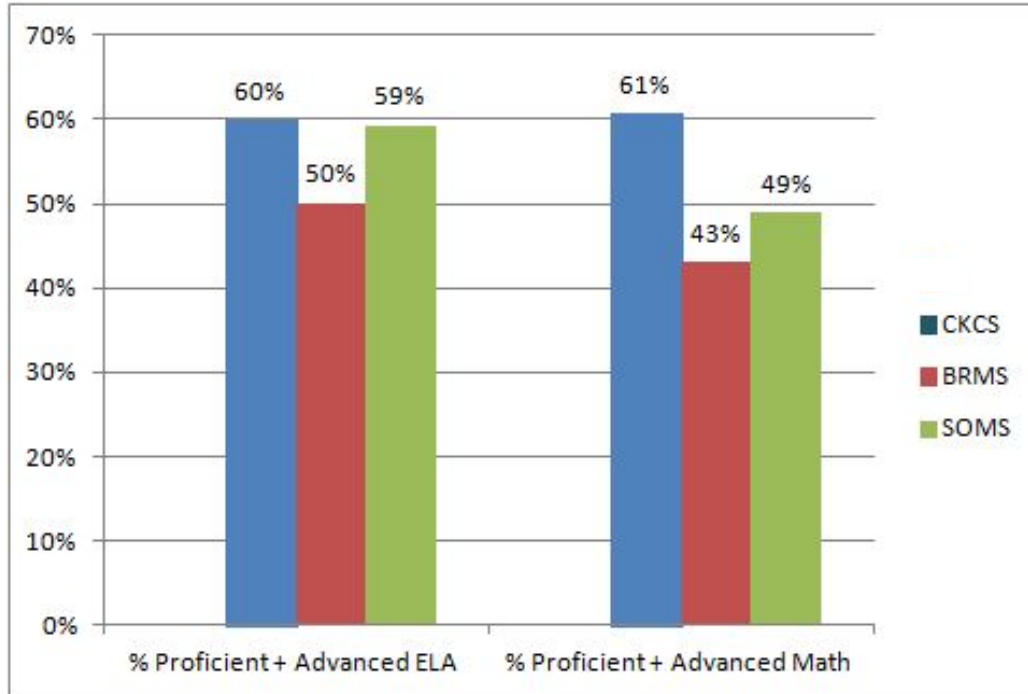
- Data trends for each building over three years are fairly inconsistent.
- SOMS and CKCS have a higher percentage of students meeting proficiency in math and reading freshman year in every cohort except for current 11th graders (math).



How did middle school students perform on the Badger Exam?



% Proficient + Advanced on the Badger Exam (Fall, 2015 grades 6-8)

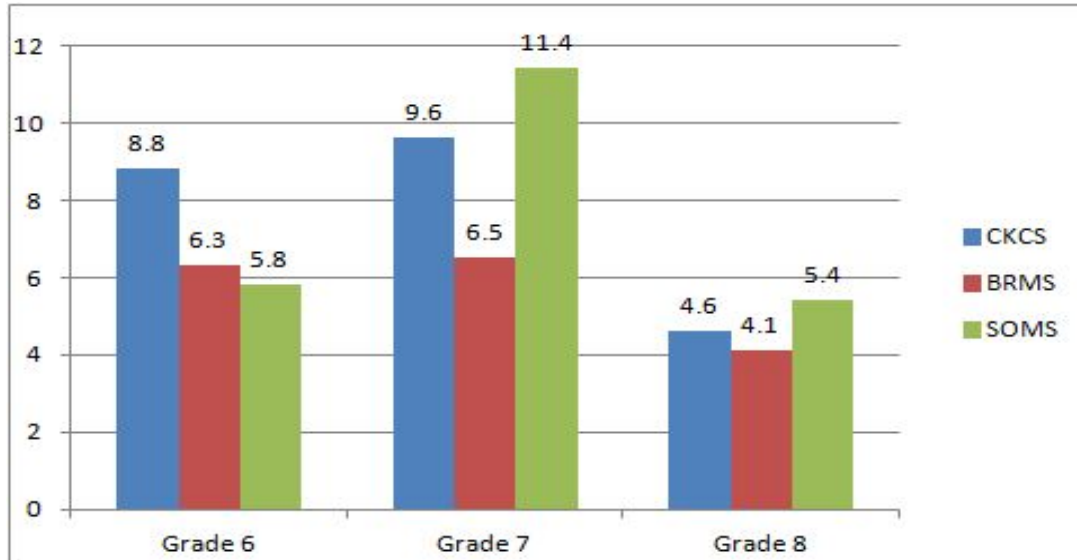


Observations

- SOMS and CKCS are about equal in the % of students meeting proficiency or higher in English/Language Arts.
- CKCS is higher than both SOMS and BRMS in % of students meeting proficiency or higher in math.

Are cohorts of students growing in Math and Reading as measured by MAP?

Average RIT Growth for Current Freshman (spring to spring) MAP Math



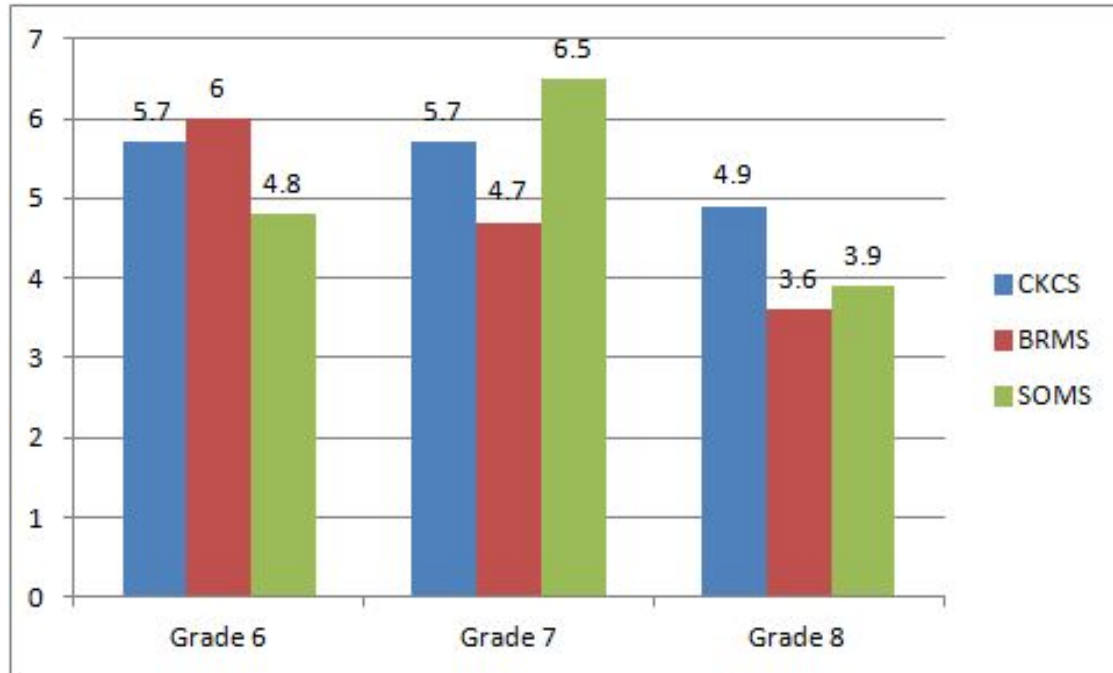
Average growth for each school for all three years:

CKCS: 7.7

BRMS: 5.6

SOMS: 7.5

Average RIT Growth for Current Freshman (spring to spring) MAP Reading



Average growth for each school for all three years:

CKCS: 5.4

BRMS: 4.8

SOMS: 5.1

Average RIT Growth for Current 8th graders (fall to fall) MAP Math



Grade 6 data not available

Average growth for each school for both years:

CKCS: 8.9

BRMS: 7.9

SOMS: 7.9

Average RIT Growth for Current 8th graders (fall to fall) MAP Reading



Grade 6 data not available

Average growth for each school for both years:

CKCS: 3.5

BRMS: 5.2

SOMS: 5.35

Average RIT Growth for Current 7th graders (fall to fall) MAP Math



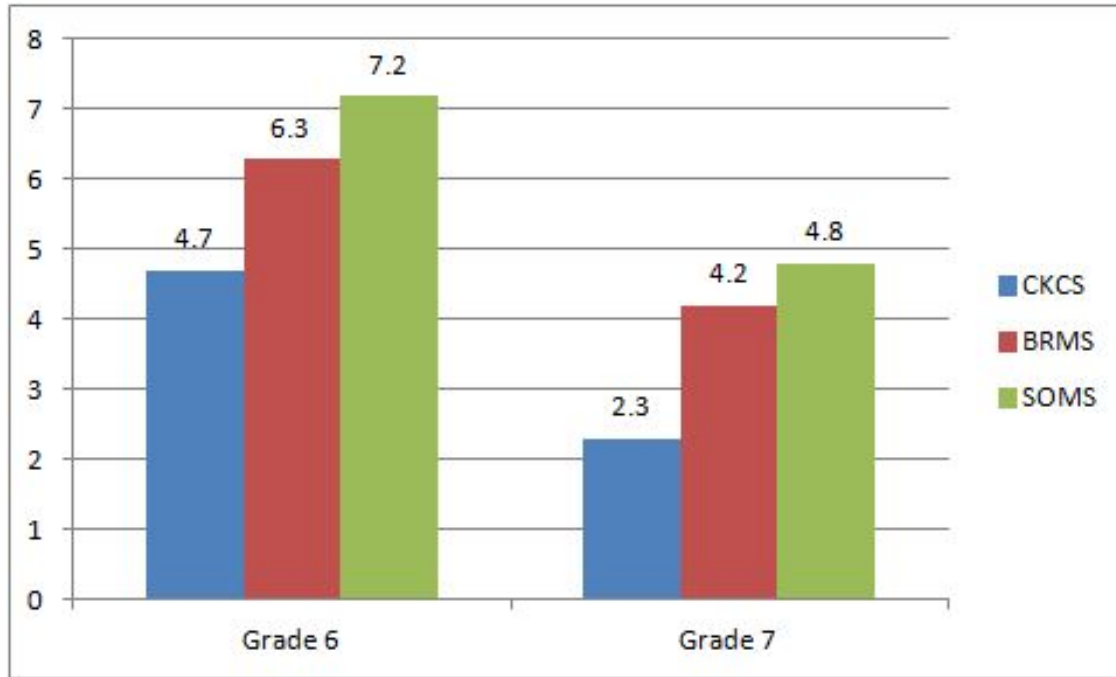
Average growth for each school for both years:

CKCS: 7.6

BRMS: 6.5

SOMS: 7.6

Average RIT Growth for Current 7th graders (fall to fall) MAP Reading



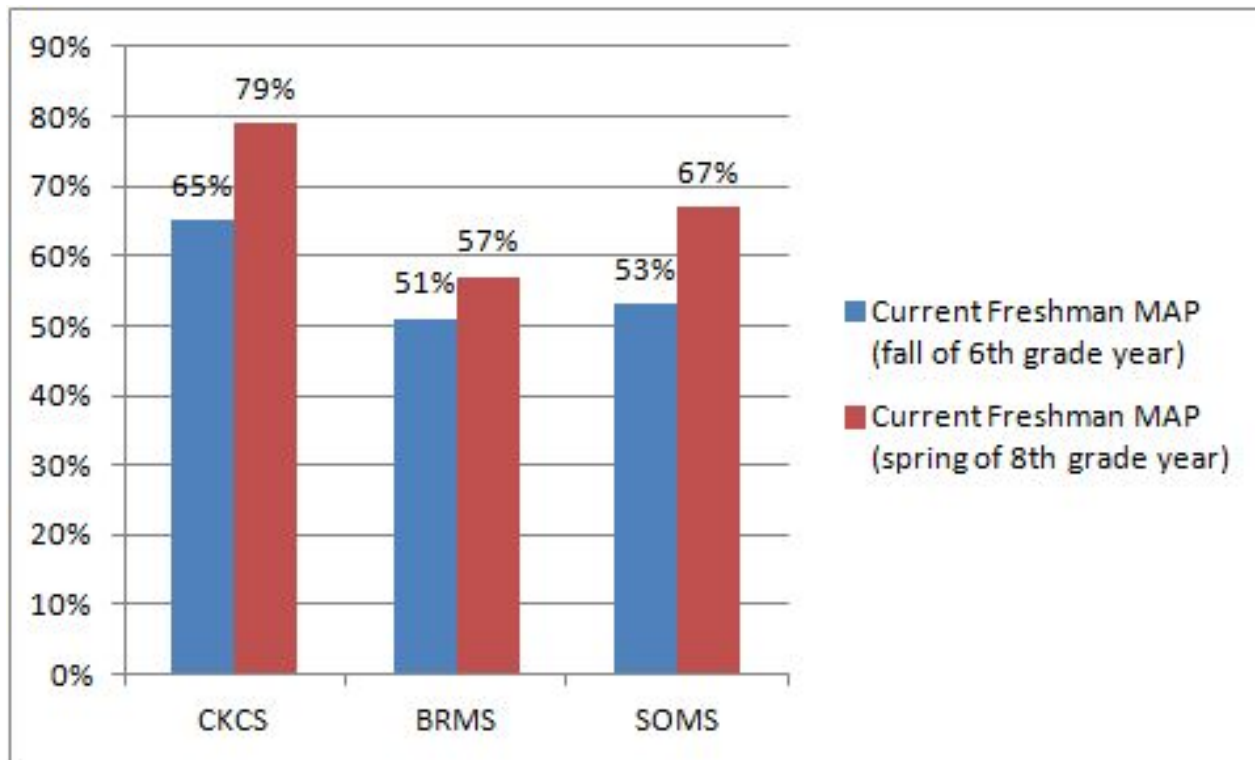
Average growth for each school for both years:

CKCS: 3.5

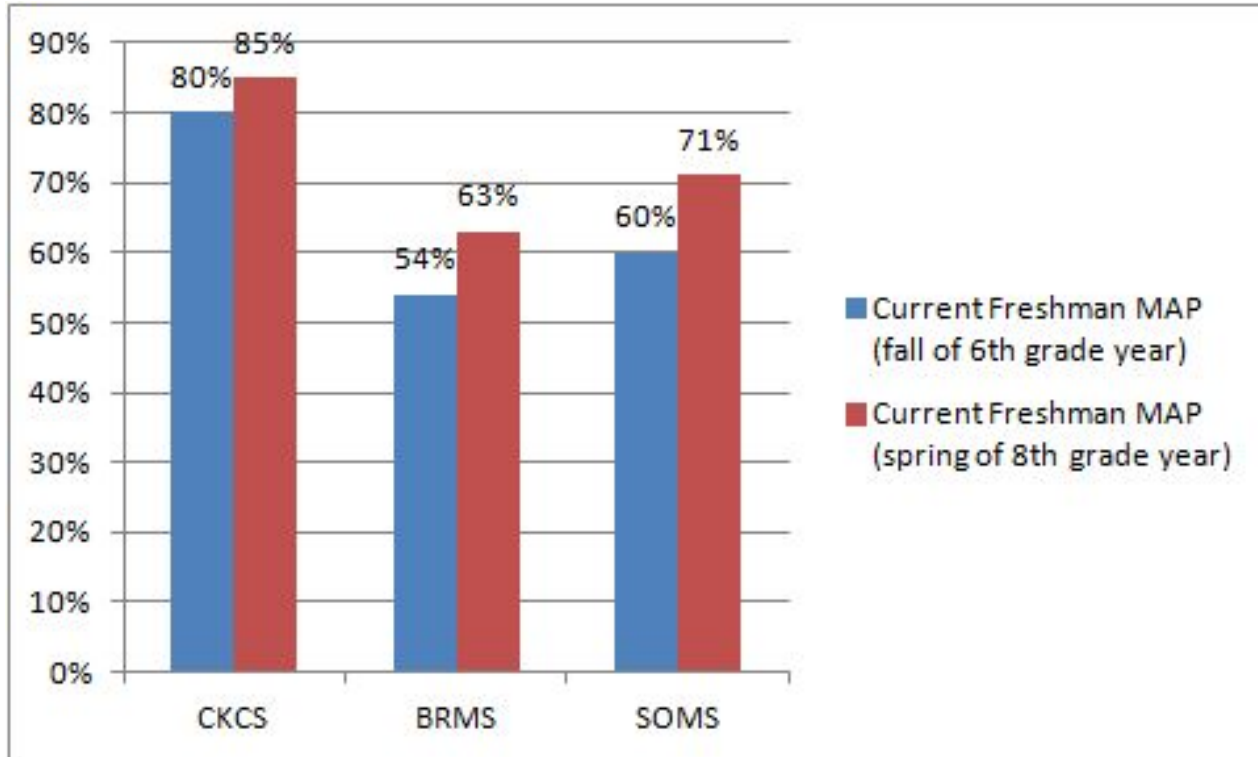
BRMS: 3.5

SOMS: 6.0

% of current Freshman from each school exceeding National Mean on MAP Math (fall to Spring)



% of current Freshman from each school exceeding National Mean on MAP Reading (fall to spring)



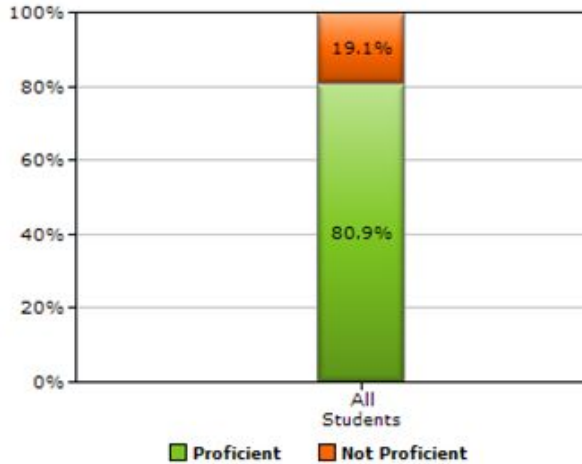
Observations

- For current freshman the greatest average RIT growth in reading, relative to the other MS, was seen at SOMS in 7th grade, at BRMS in 6th grade and at CKCS in 8th.
- For all MS students, the least growth was observed in 8th grade. In math for this same cohort, the most RIT growth was made by all in 7th grade.
- Current 7th graders at all middle schools made considerable growth in math in 6th grade with CKCS and SOMS making the greatest growth.
- in ref. to slide 34: Current freshman who attended CKCS and SOMS had more than twice the increase in the percent of students who exceeded Nat. Norms in math between fall of 6th grade and spring of 8th grade than BR. This same growth was not seen in reading.

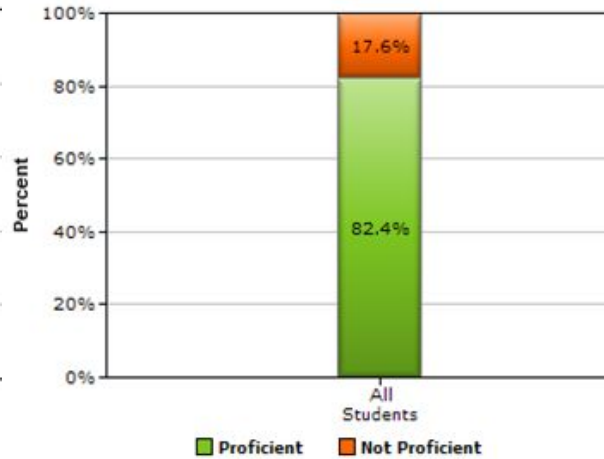
How are students doing in science and social studies as measured by WKCE?

WCKE Science: 14-15 (8th grade)

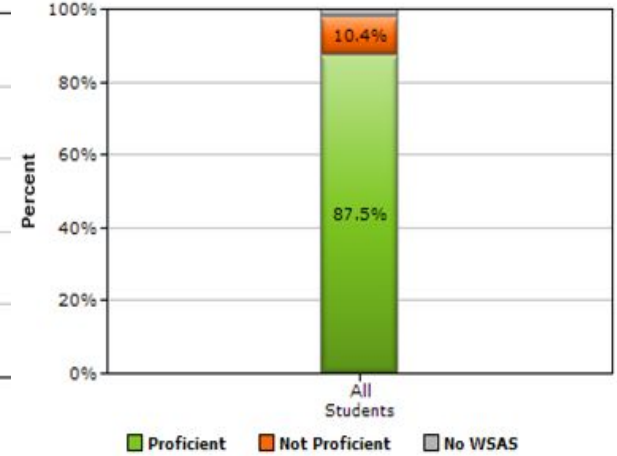
SOMS



BRMS

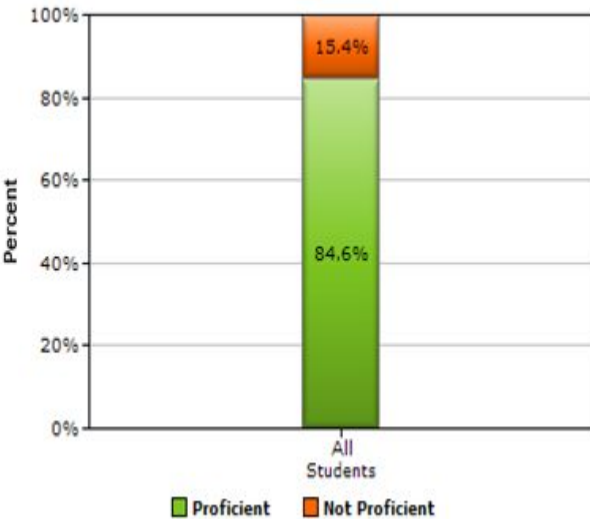


CKCS

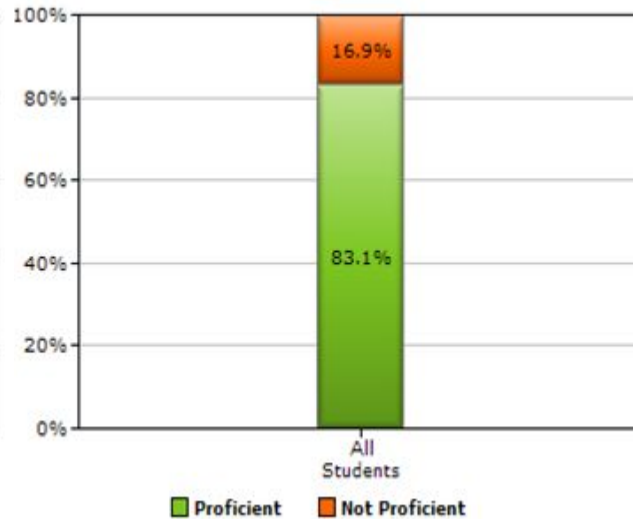


WCKE Social Studies: 14-15 (8th grade)

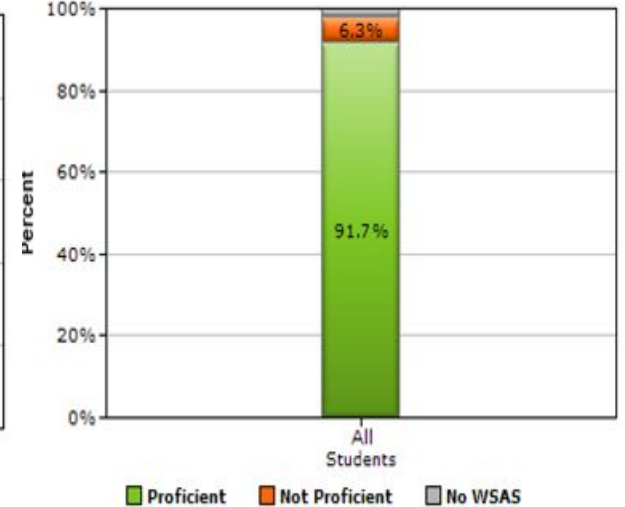
SOMS



BRMS



CKCS



Observations

- CKCS is generally stronger on both tested areas, but all three schools had relatively similar outcomes