

Shining a Light on College Remediation: Focus on English Learners

LCE Academy

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In a Nutshell...

- Shining a Light on College Remediation...why is this work possible now, but wasn't before?
- The data analyses reported here reveal a high degree of congruence between state assessment results and the need for remediation in the first year of college.
- CSAP is going away...why is this important?
 - Learn from past evidence and be in a position to apply this knowledge to the new assessment system that will be in place in 2014.

What Does Postsecondary Readiness Look Like?

- 2009 graduating class the first to carry SASID to College
- Graduated from Colorado HS in 2009 and entered Colorado college (2 or 4 year) in fall 2009
- Can now look both directions from graduation
 - College Remediation by student
 - Examine CSAP & ACT results as PWR predictors

Postsecondary College Readiness

“The level of preparation a student needs in order to enroll and succeed—without remediation—in a credit-bearing general education course at a postsecondary institution...”

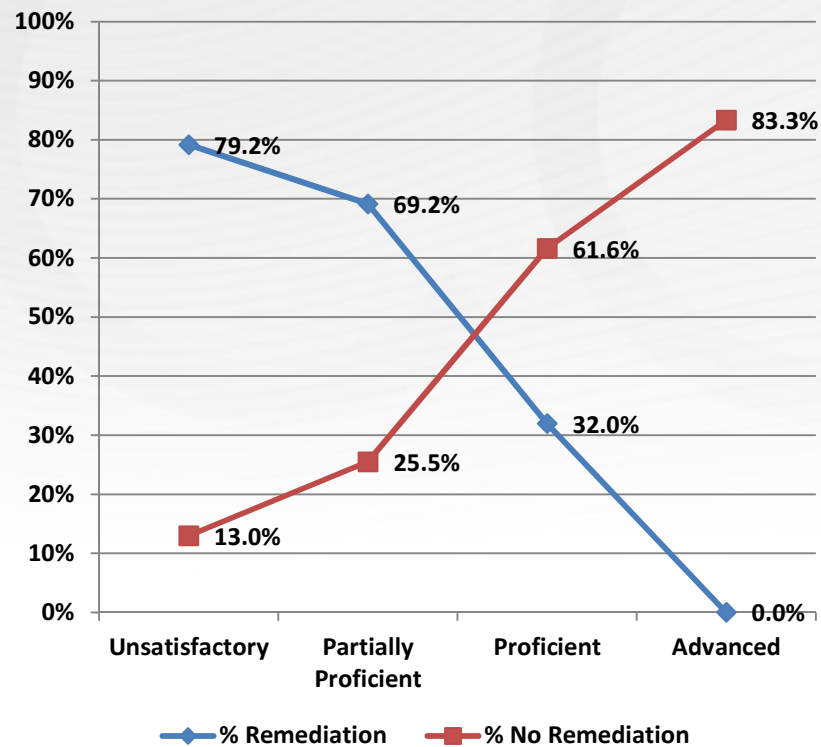
Source: Education Policy and Improvement Center

How Conducted

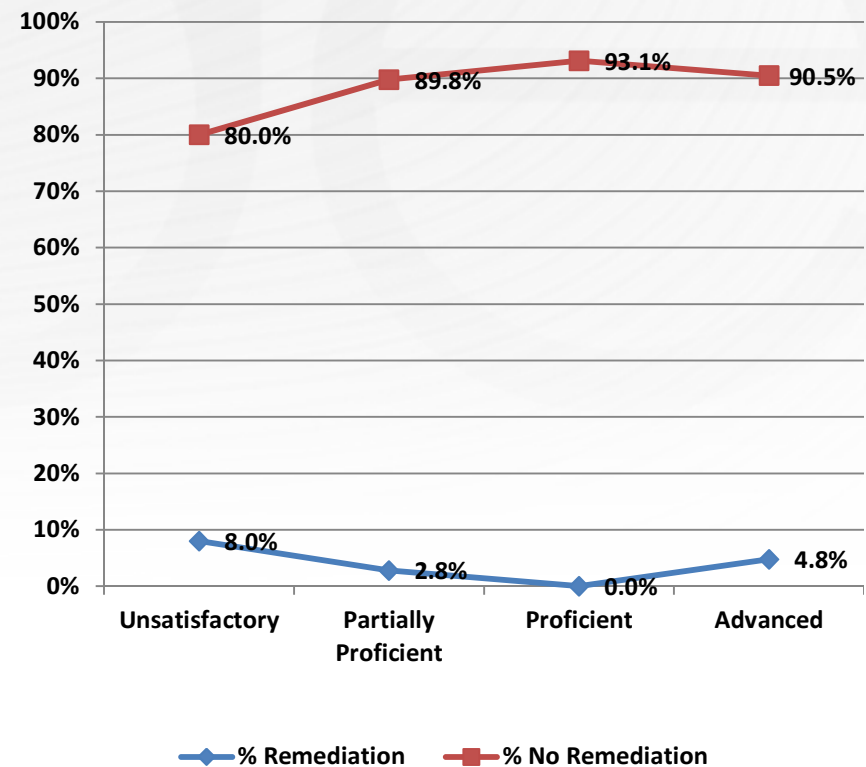
- CDHE provided remediation data with SASID matched to CDE CSAP & ACT data
 - 17, 499 students of 22,657 with SASIDS had all test data
 - ACT 2008 Grade 11 & CSAP 2007 Grade 10
 - *ACT College Readiness Benchmarks*
 - Reading = 21
 - Math = 22
 - CSAP 2005 Grade 8
 - CSAP 2003 Grade 6

Two-Year Postsecondary Institutions

Not ACT College Ready Reading

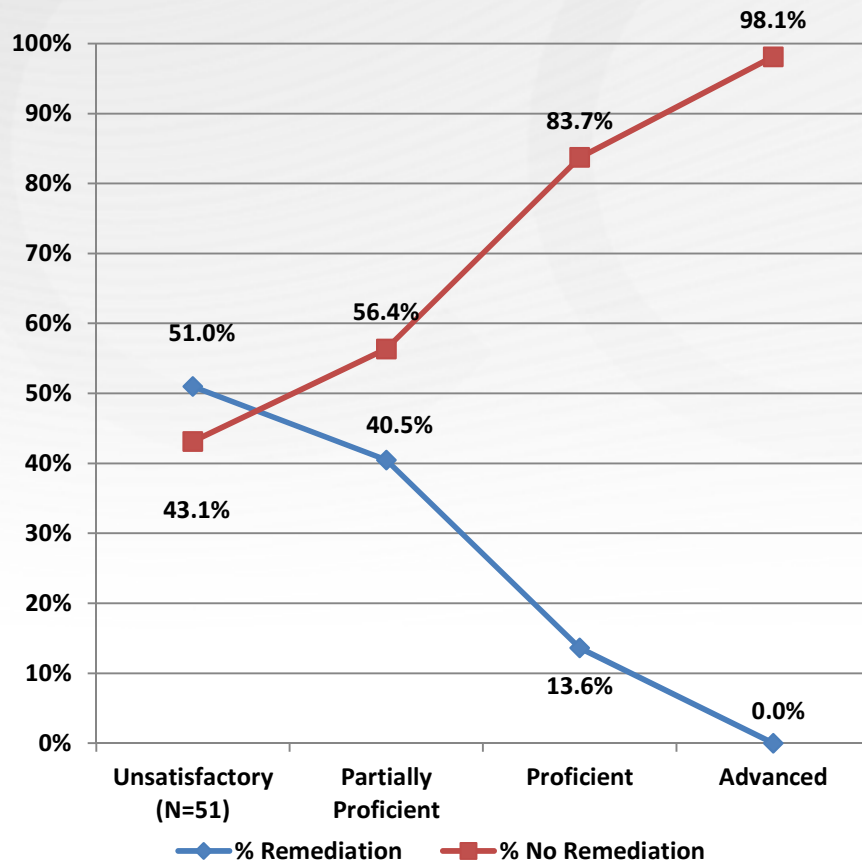


ACT College Ready Reading

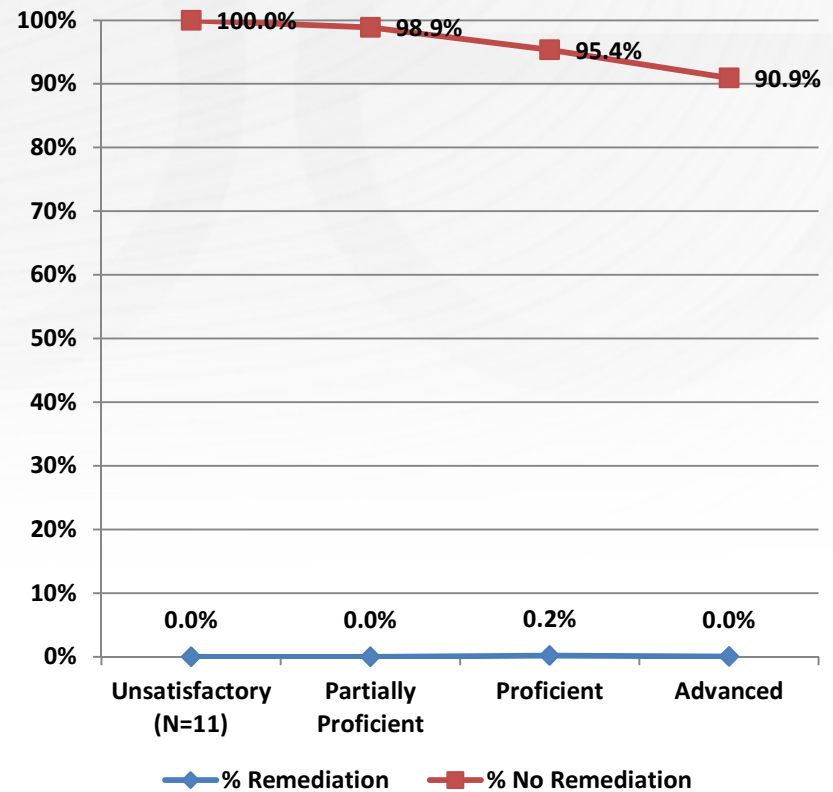


Four-Year Postsecondary Institutions

Not ACT College Ready Reading

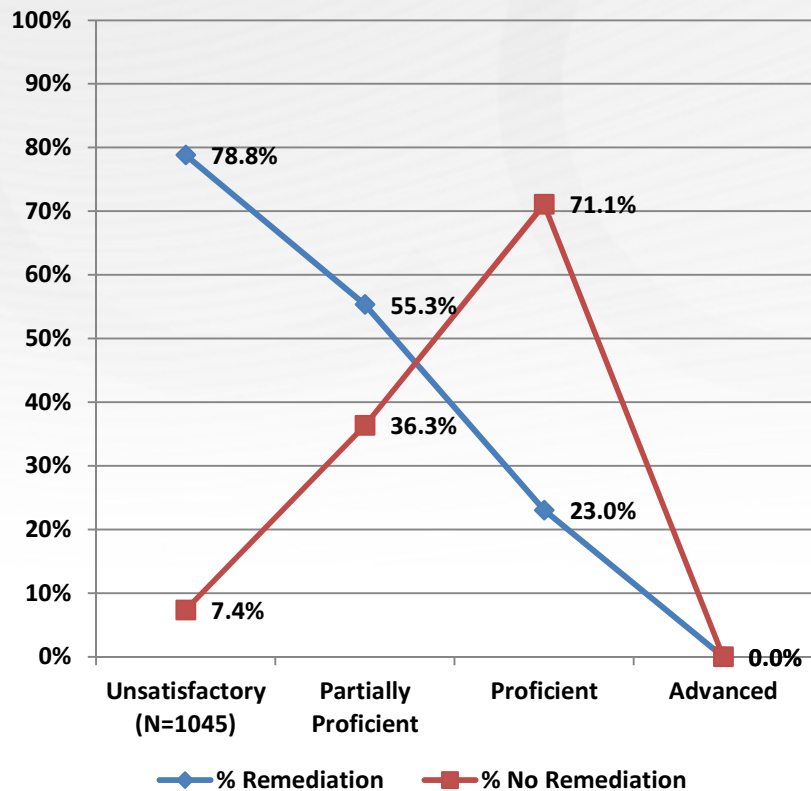


ACT College Ready Reading

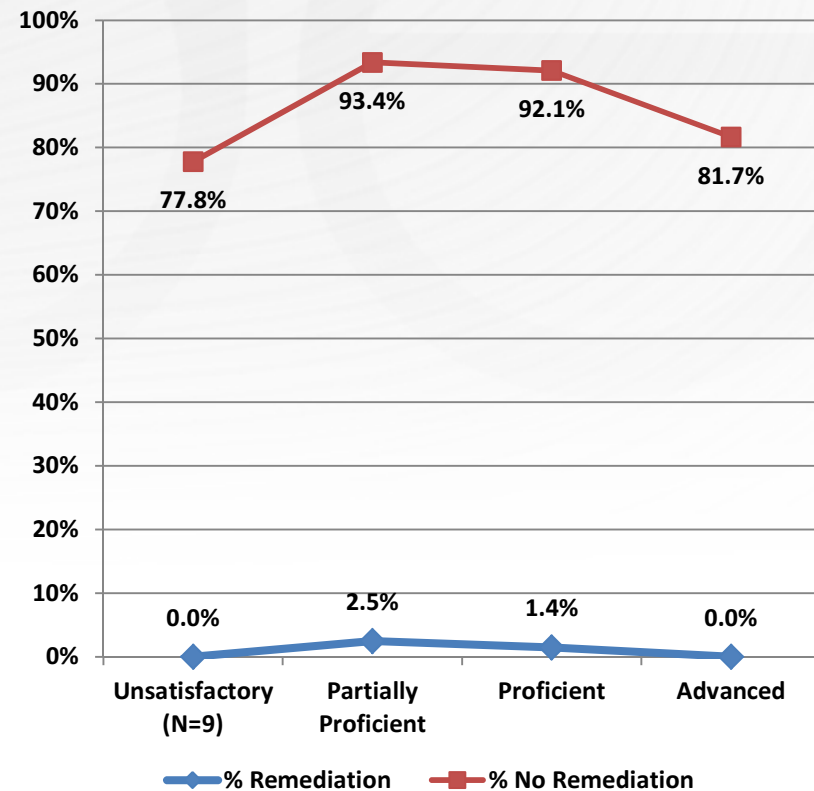


Two-Year Institutions

Not ACT College Ready Mathematics

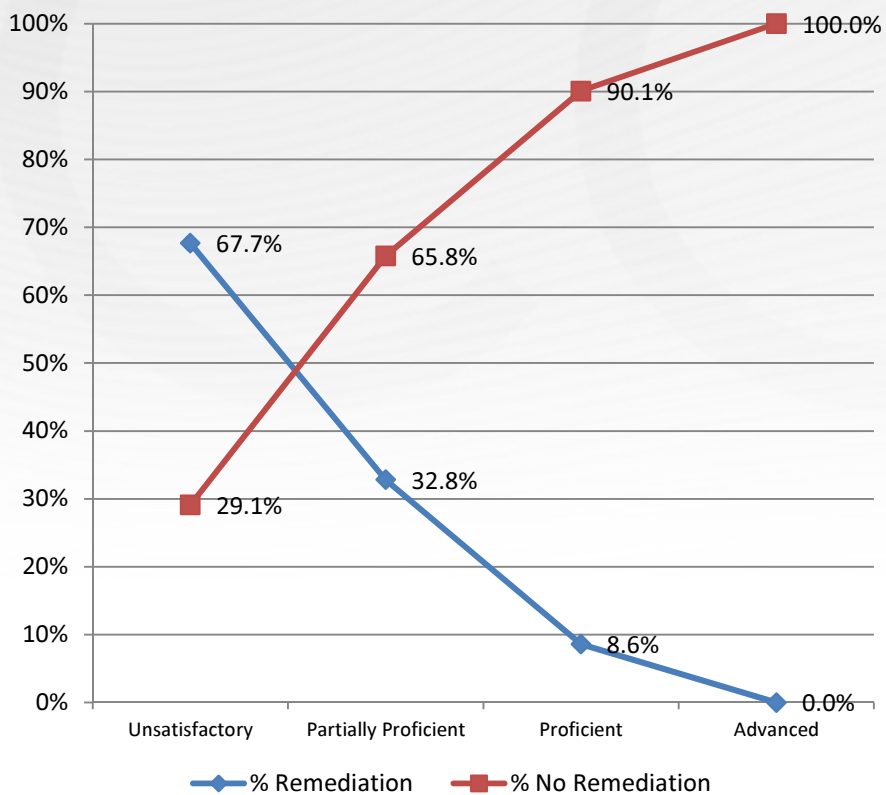


ACT College Ready Mathematics

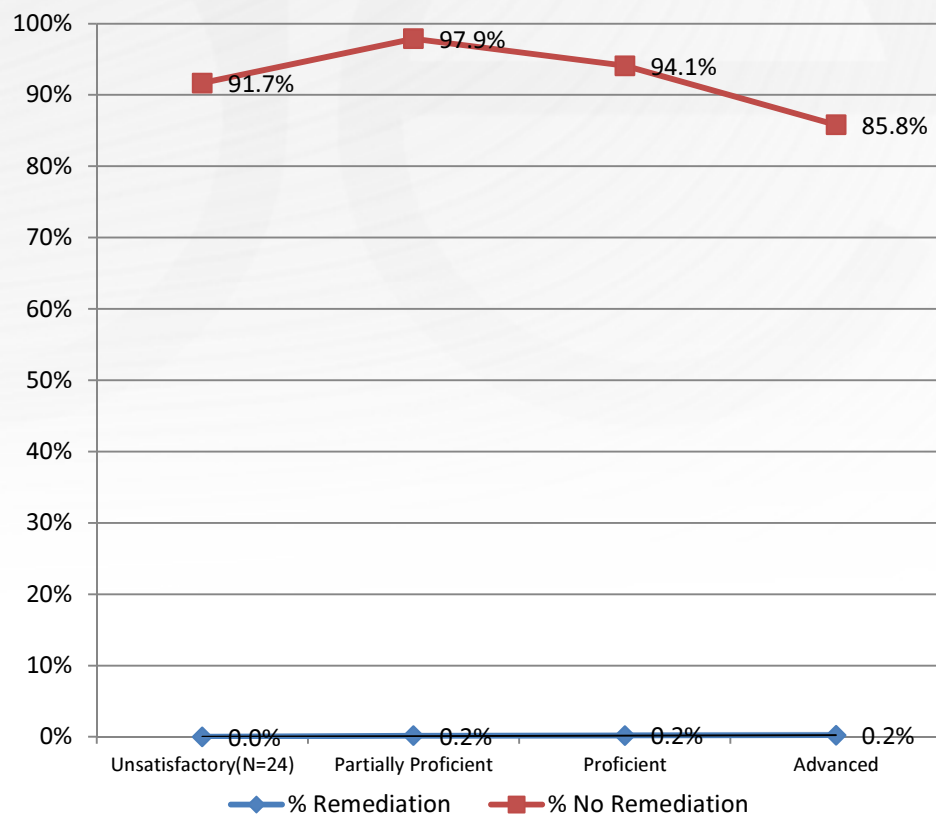


Four-Year Institutions

Not ACT College Ready Mathematics



ACT College Ready Mathematics



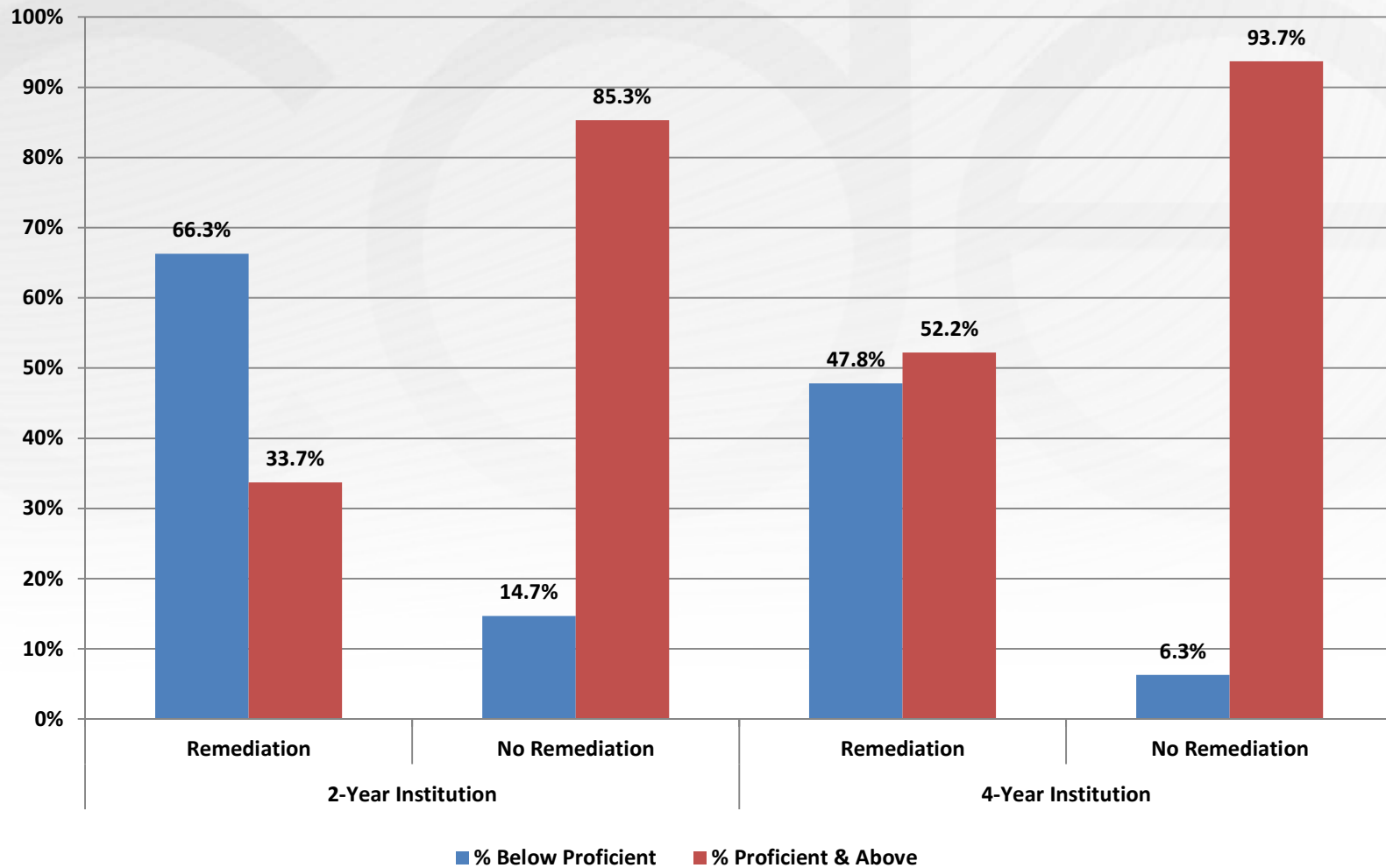
Summary of High School Results

- The high school results are clear.
- If a student is ACT College Ready....they really **are** ready.
- If a student is not ACT College Ready, most, but not all, needed remediation.
- CSAP in 10th grade is a good predictor of later college remediation.

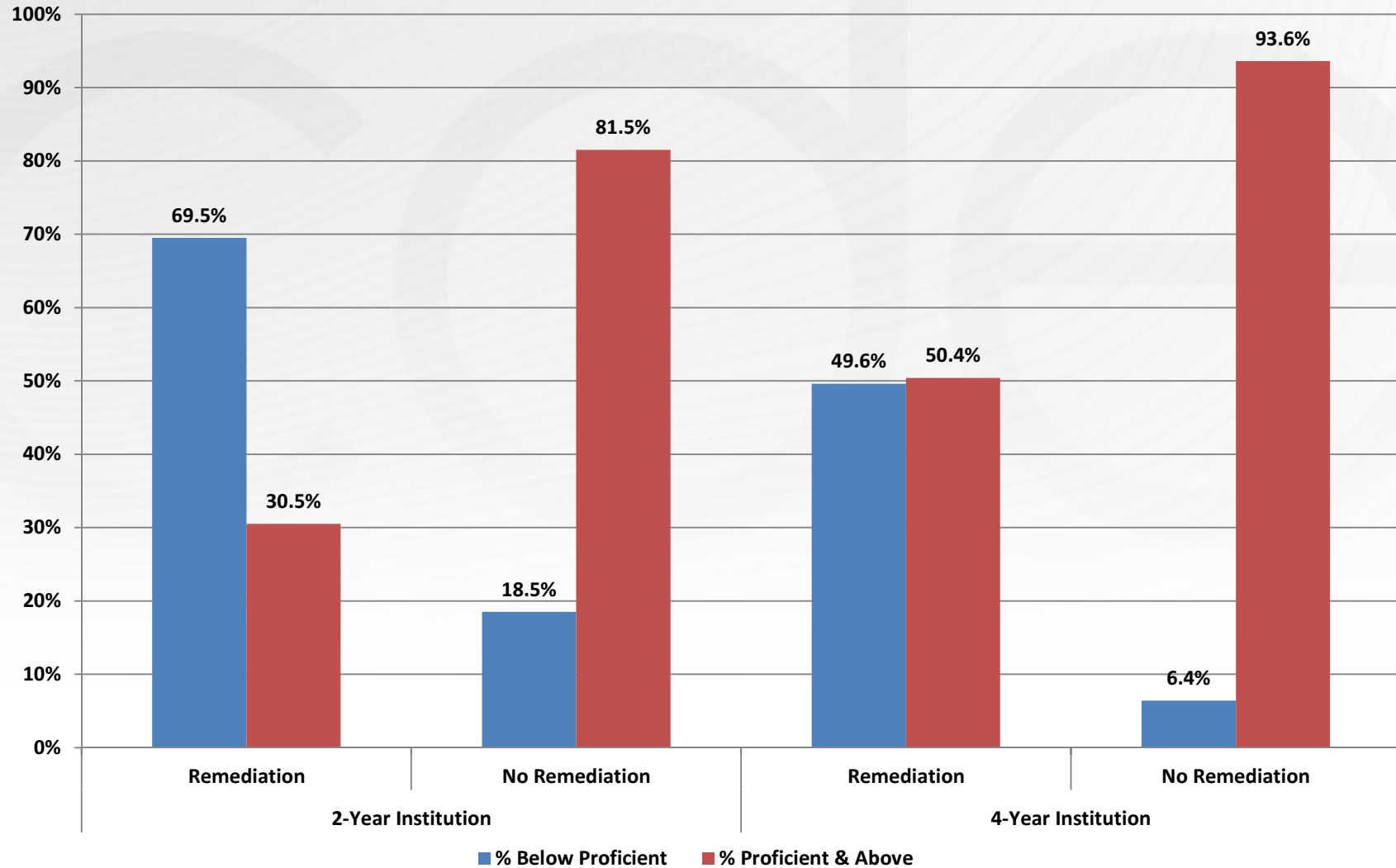
Looking Further....

- What did college readiness look like in 6th grade? 8th grade?
- Could we identify those in need of remediation in middle school?

Grade 6 (2003) Reading & College Remediation



Grade 8 (2005) Reading & College Remediation



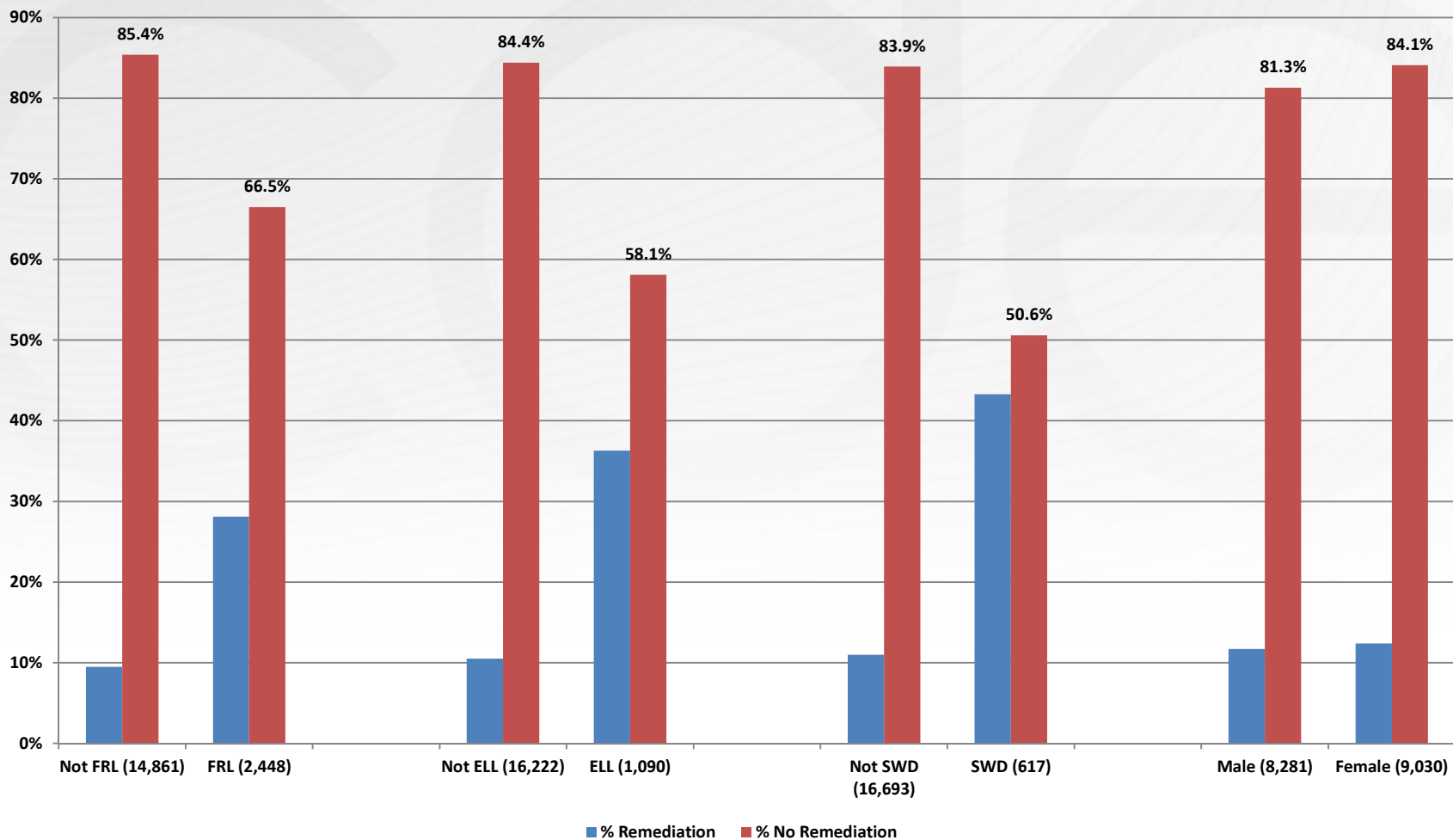
Implications

- **Targeting achievement of students in middle school and high school informs early intervention practice.**
 - **If achievement is below proficient in middle & high school, the student is likely to need remediation.**
 - **If achievement is proficient or above in middle & high school, the student is not likely to need remediation.**
 - **Historical results relevant to new assessment system**

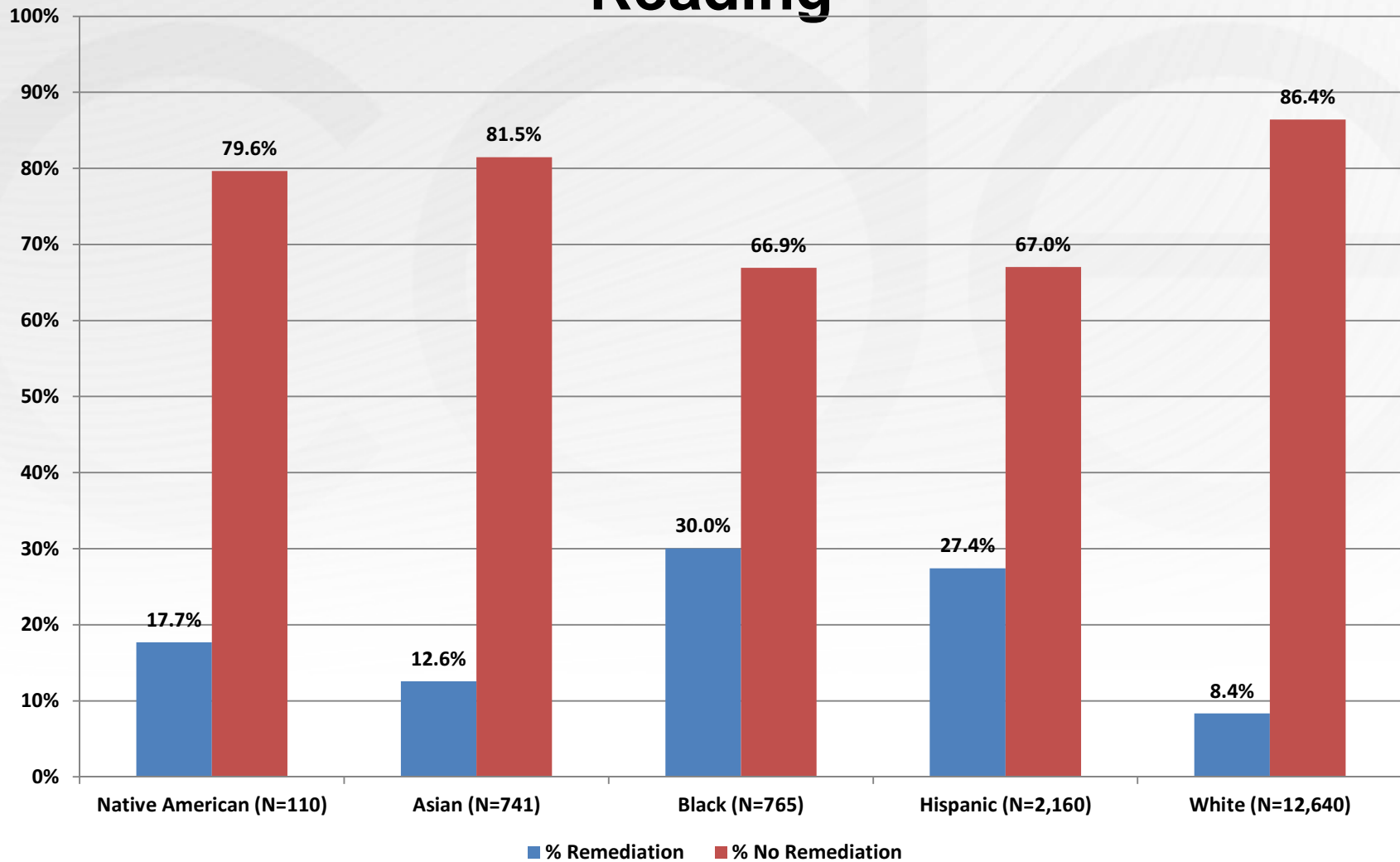
Remediation by Subgroup

- 1. Students eligible for free/reduced lunch**
- 2. English learners**
- 3. Students with disabilities**
- 4. Race/ethnicity**
- 5. Gender**

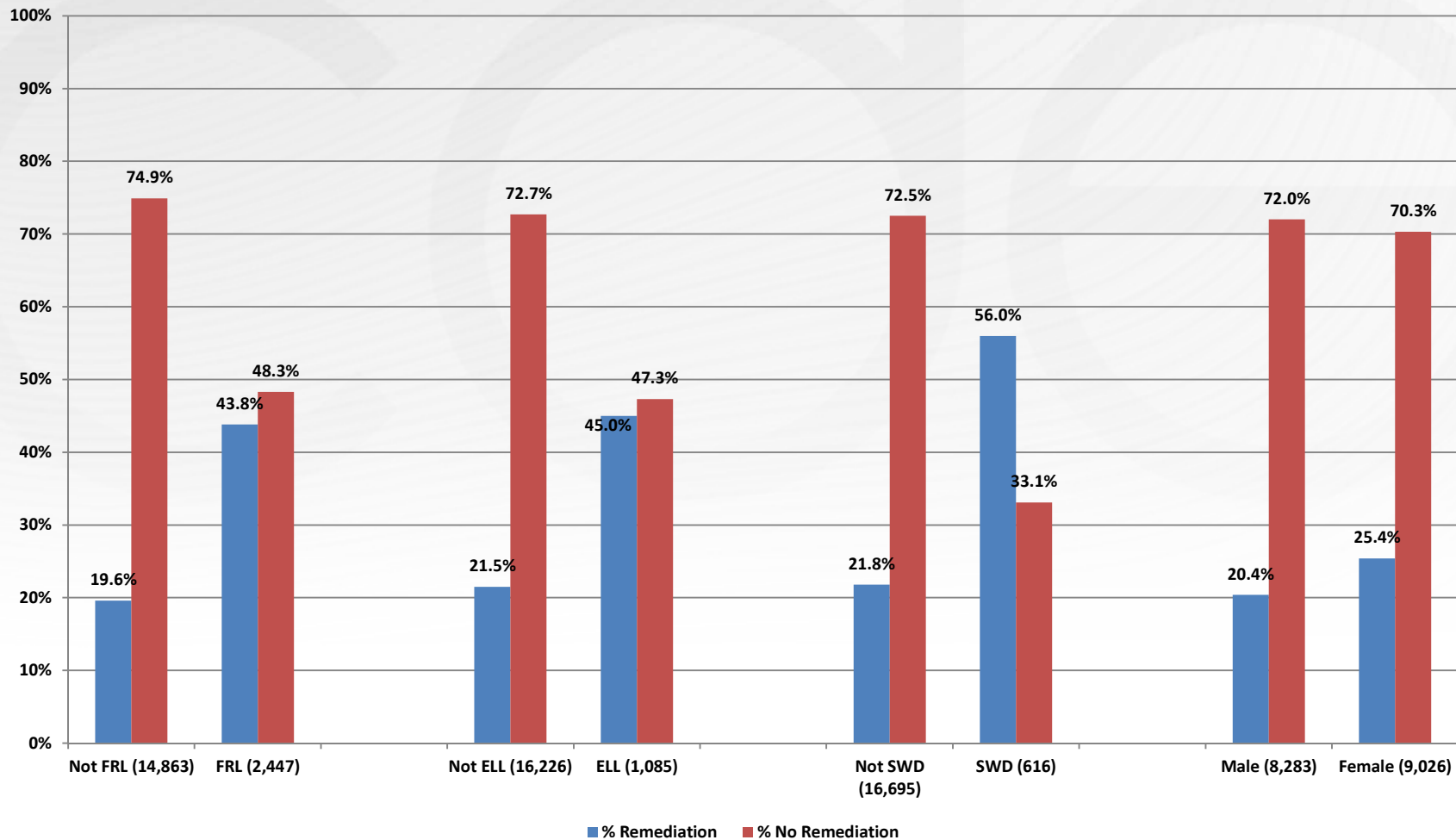
College Remediation & Subgroups Reading



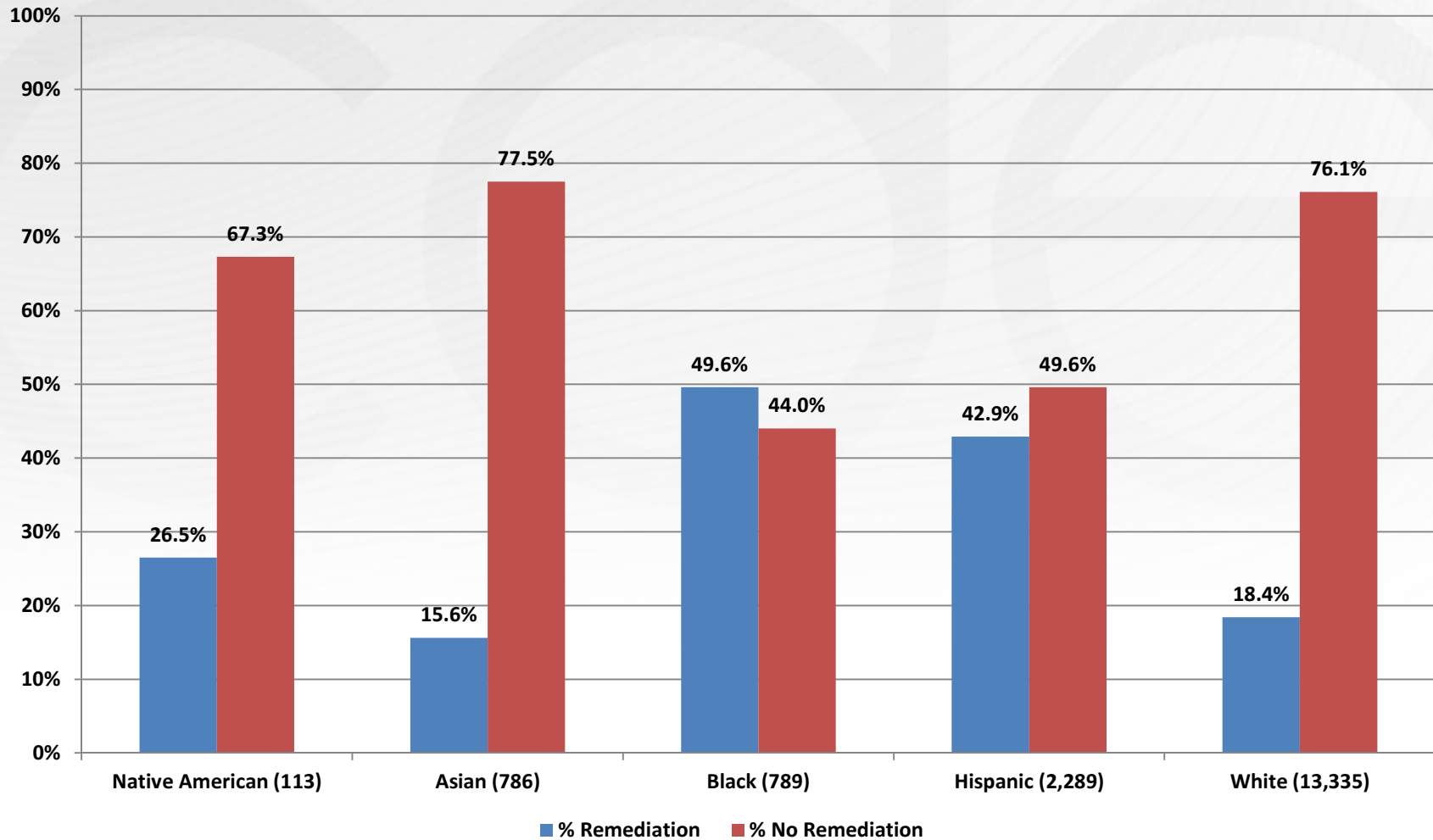
College Remediation by Race/Ethnicity Reading



College Remediation & Subgroups Mathematics



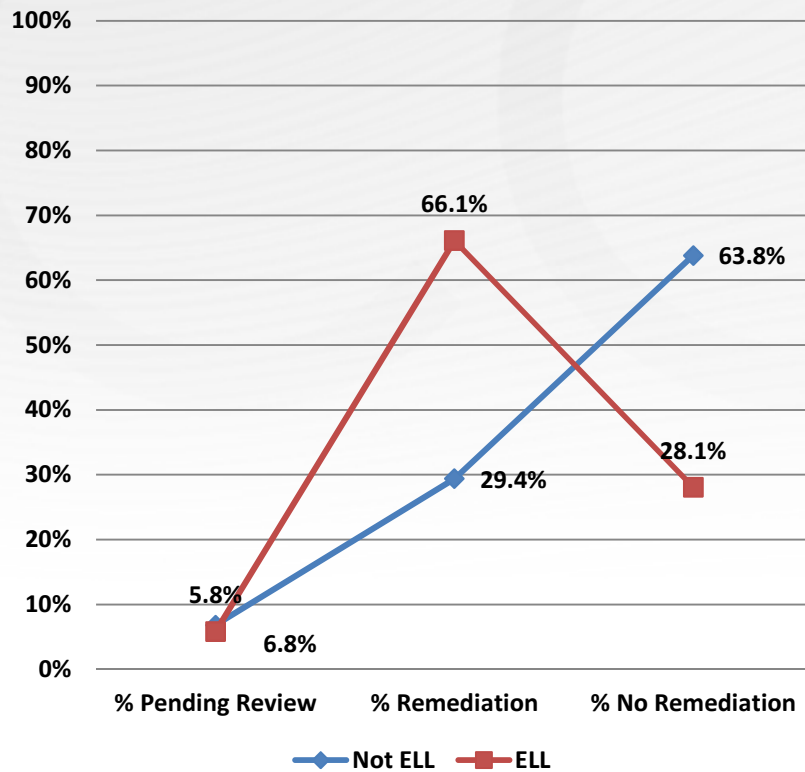
College Remediation by Race/Ethnicity Mathematics



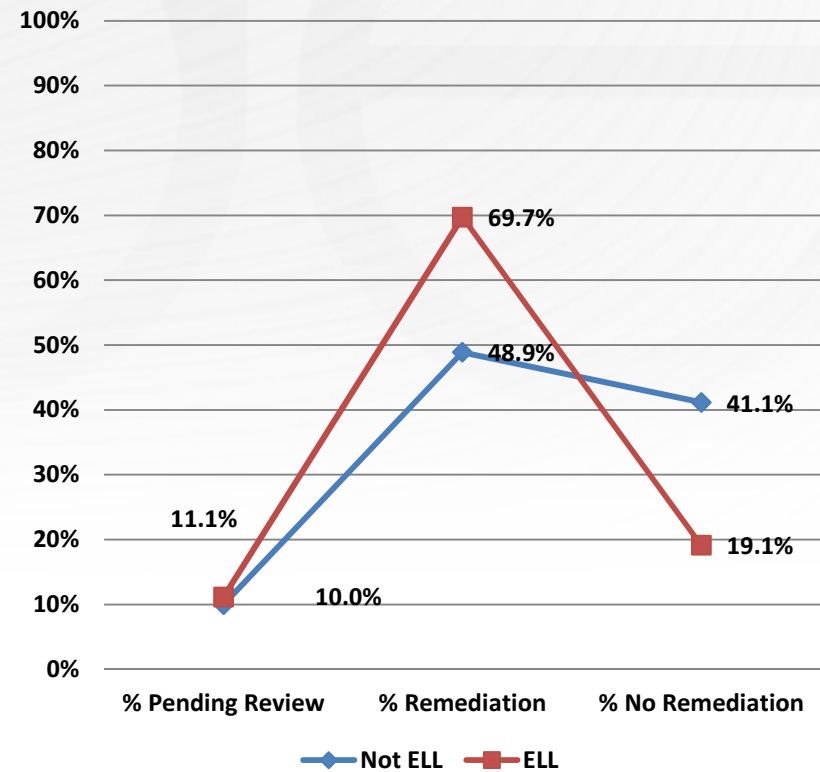
FOCUS ON ENGLISH LEARNERS

Two-Year Institutions

2-Year Institution: Reading EL and Not EL

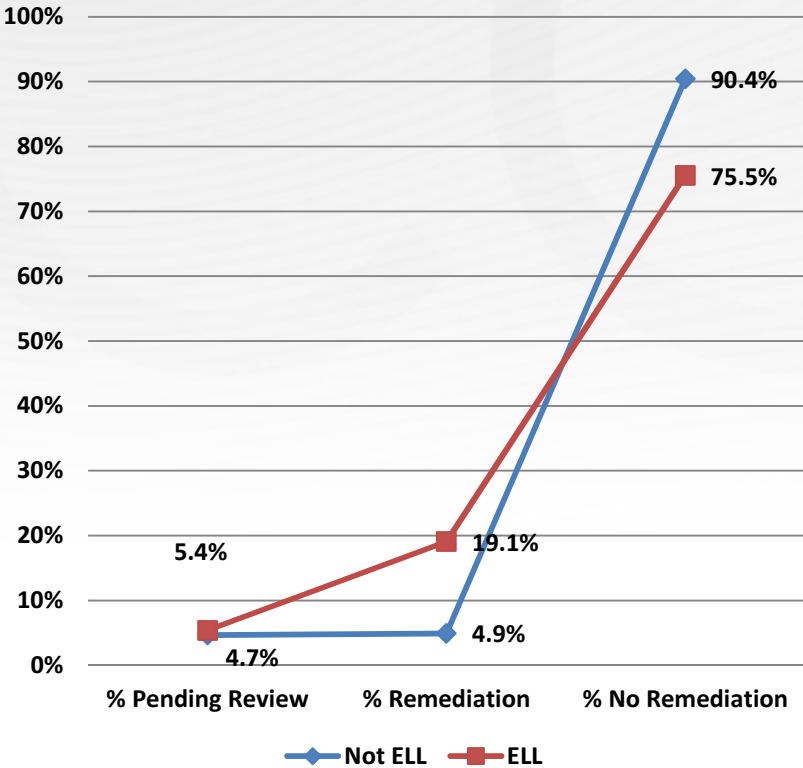


2-Year Institution: Math EL and Not EL

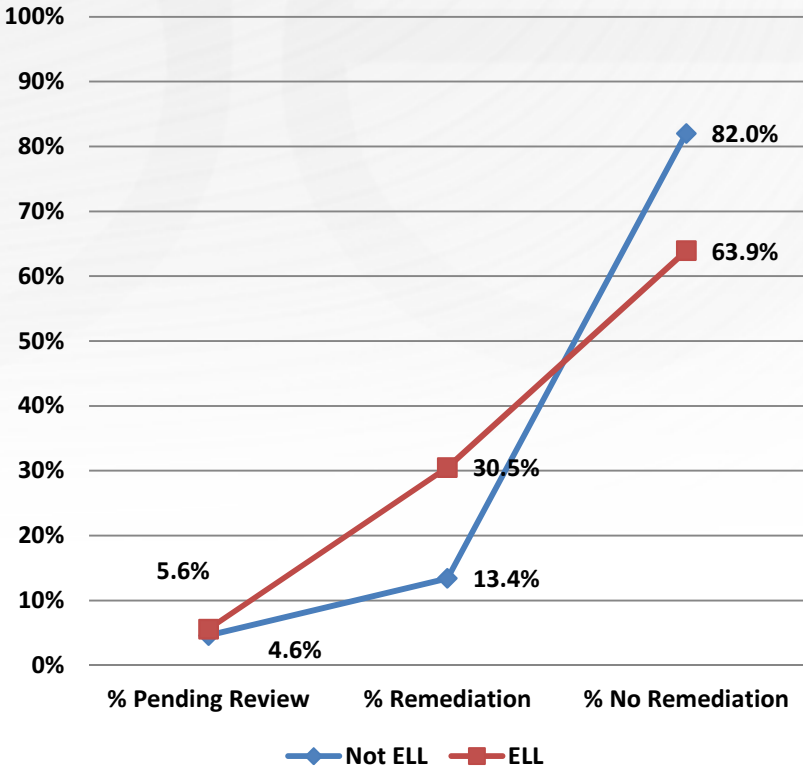


Four-Year Institutions

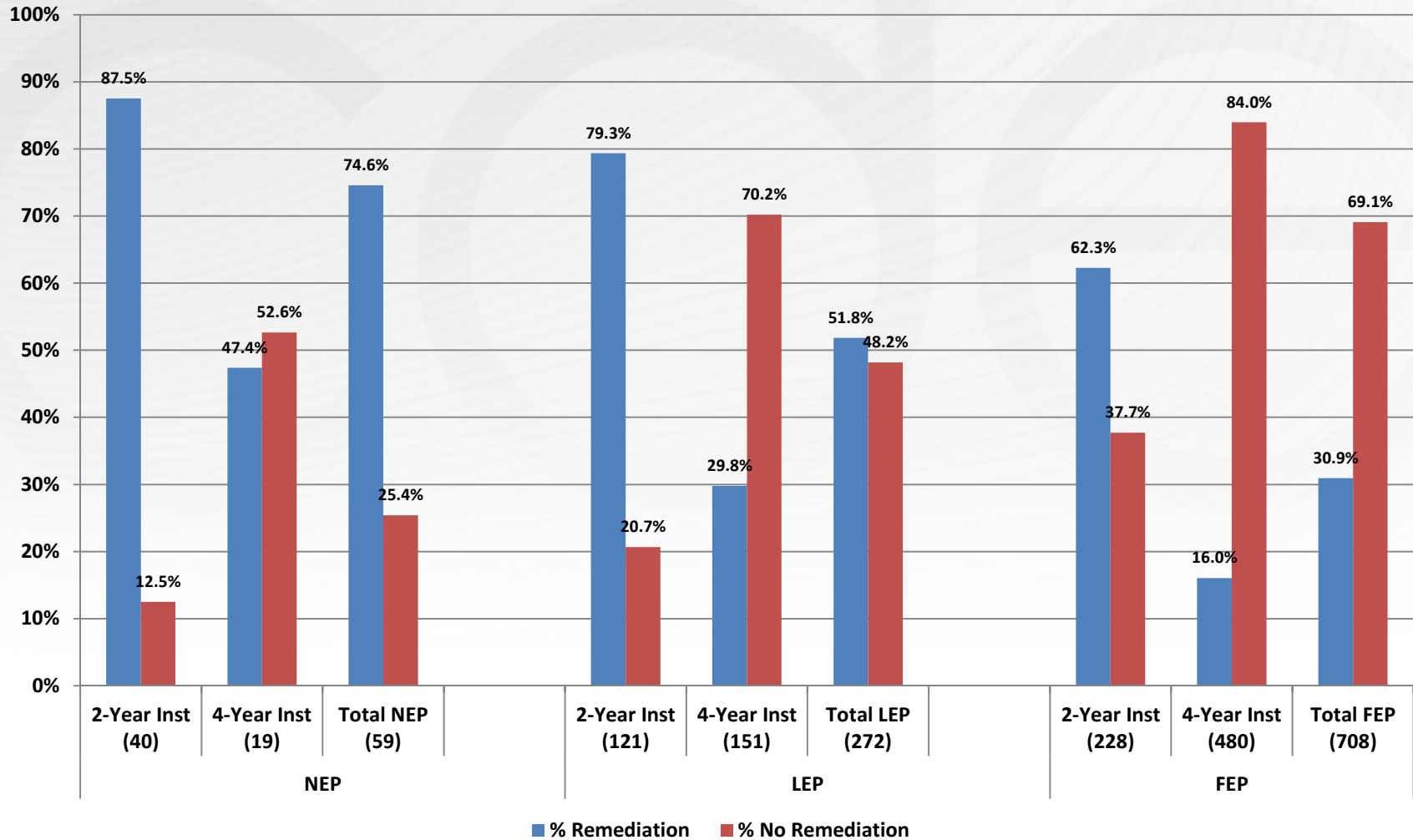
4-Year Institution: Reading EL and Not EL



4-Year Institution: Math EI and Not EL

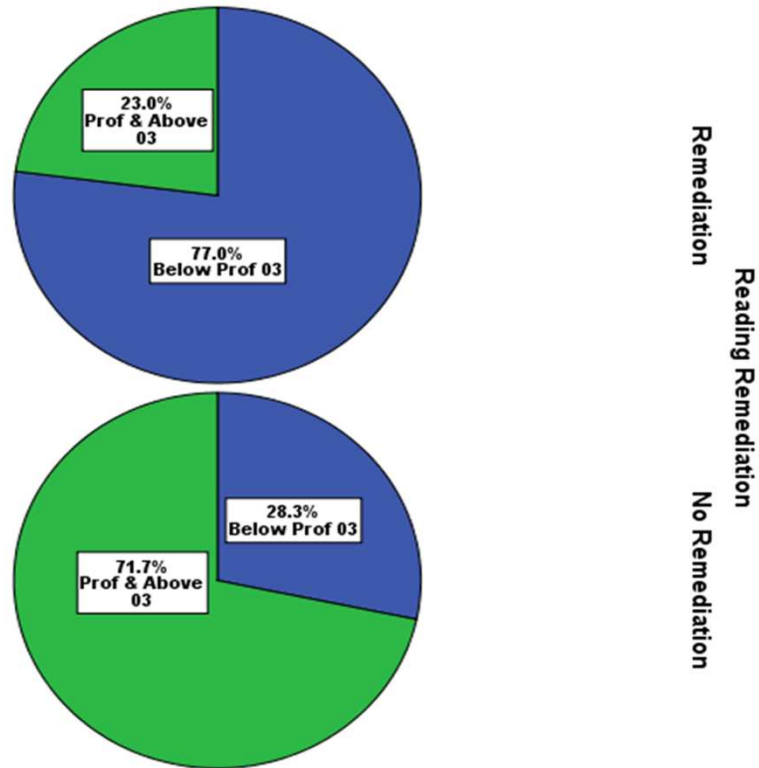


College Remediation in Reading English Learners by Language Proficiency



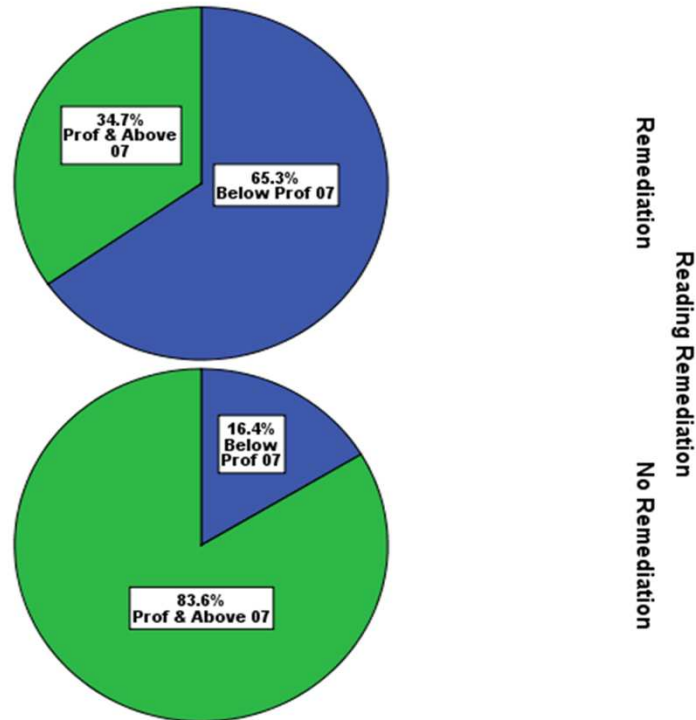
College Remediation & English Learners

- CSAP Reading **2003: Grade 6**

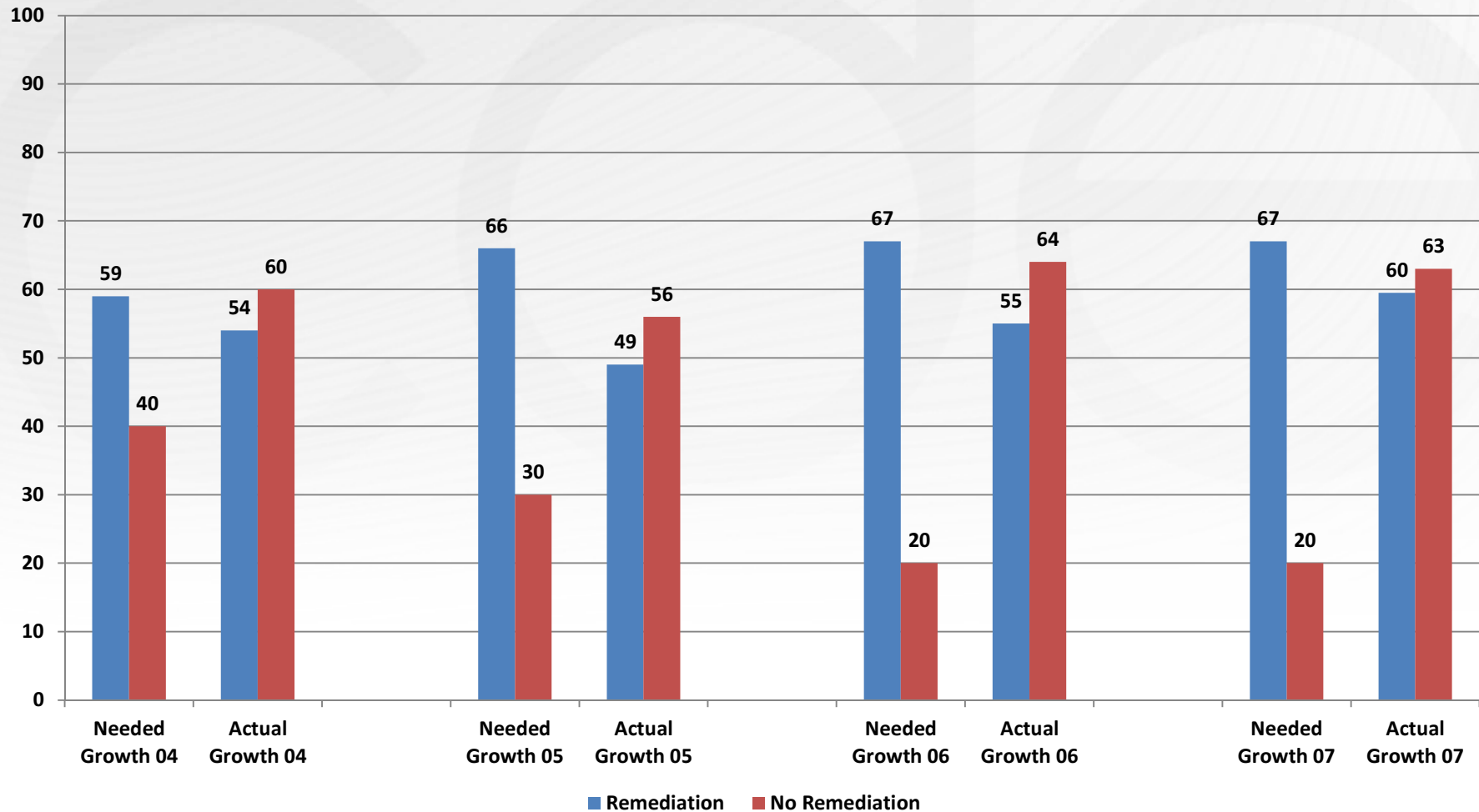


College Remediation & English Learners

- CSAP Reading **2007: Grade 10**

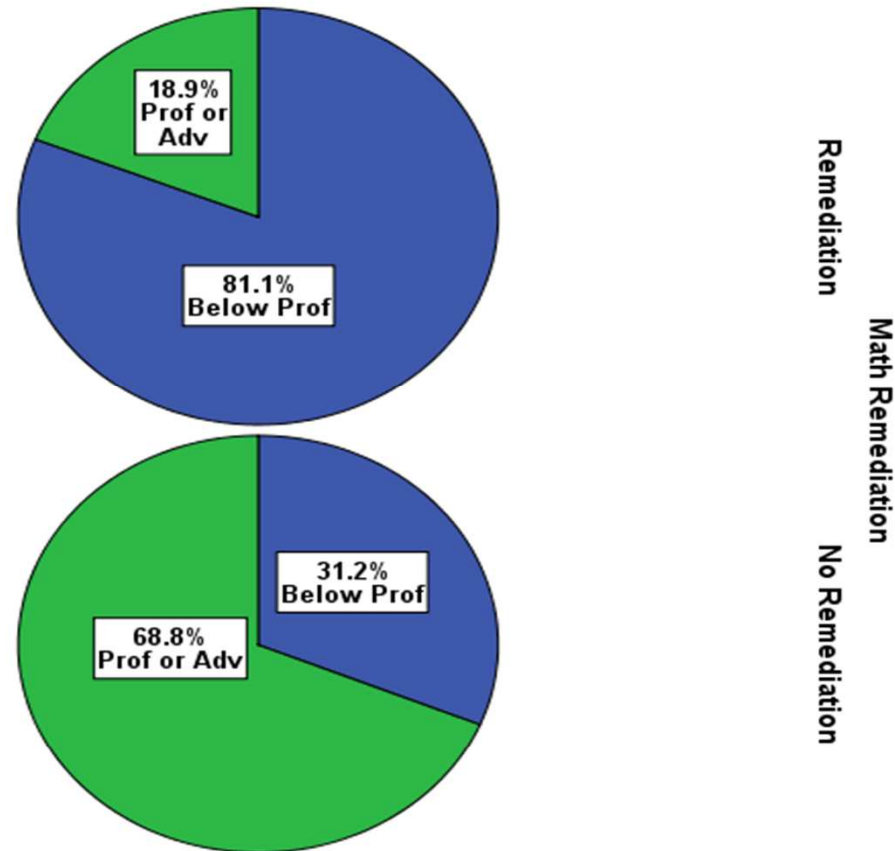


College Remediation, English Learners and Reading Growth 2004-2007



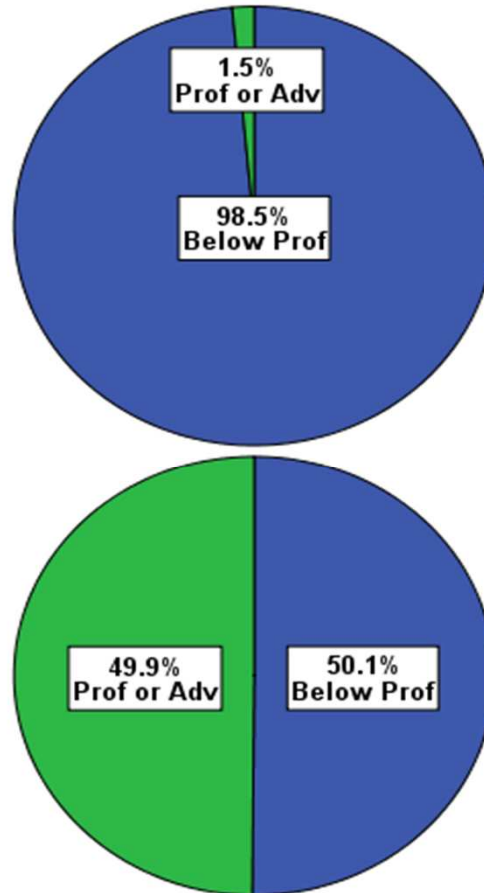
College Remediation & English Learners

CSAP Math **2003: Grade 6**



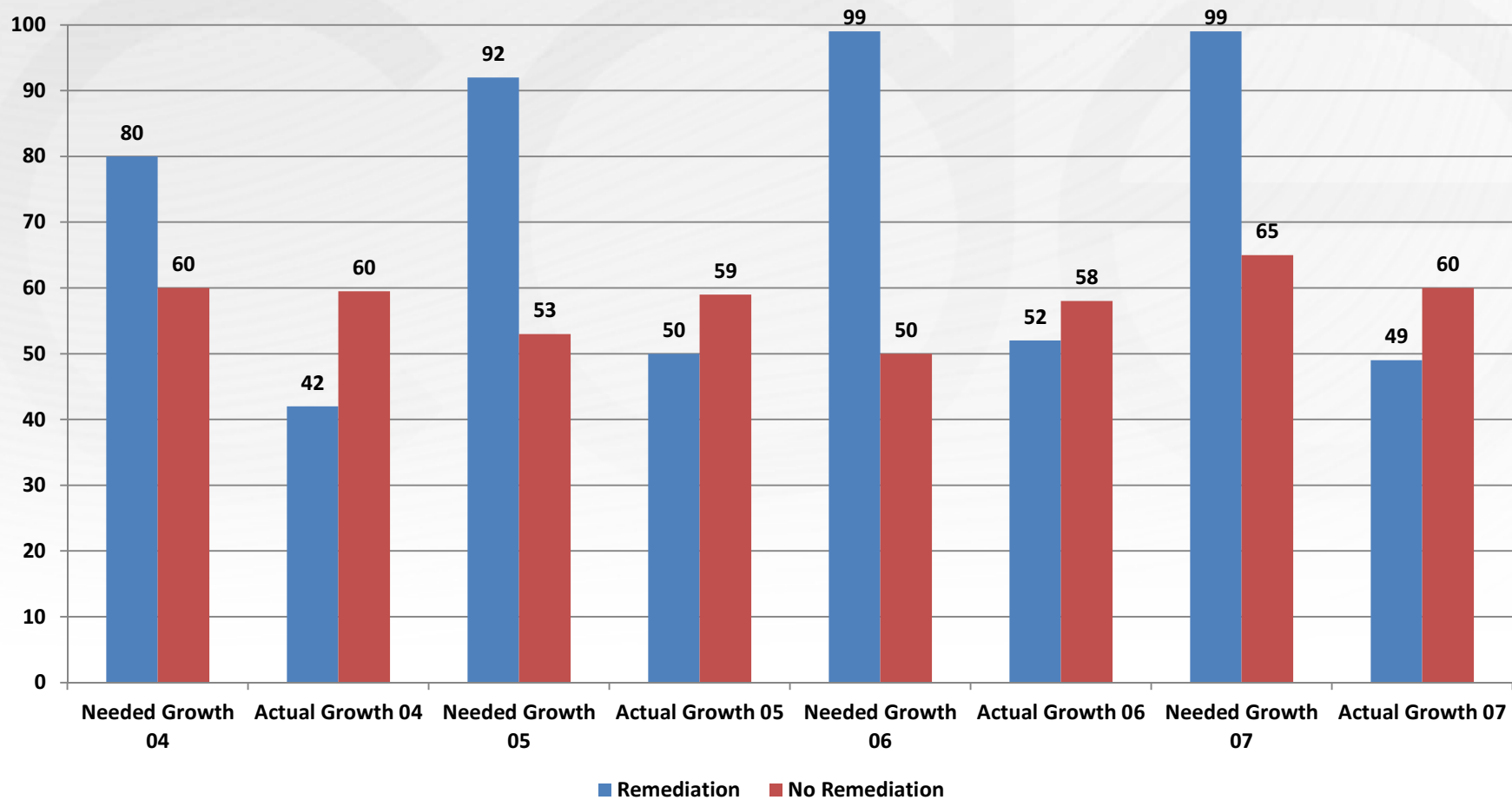
College Remediation & English Learners

CSAP Math 2007: Grade 10



Remediation
Math Remediation
No Remediation

College Remediation, English Learners and Math Growth 2004-2007



What Does this Tell Us?

- English learners do go to college successfully
- FEPs made it successfully to college and didn't need remediation.
- We could have determined which ELs were likely to need college remediation (or not) as early as 6th grade
 - Same for Non-ELs
 - Growth trends were very different for EL who needed remediation and for those who did not.

What Does This Mean for the Future?

- Should not change with the new assessment—may get better
- Pay attention the assessment and growth results for your students this year.
- The patterns are unmistakable.
- We will continue to examine this information every year and return the data to the schools students graduated from

Comments & Questions

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