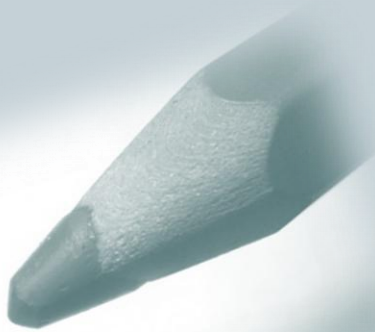


# Presentation on the Impact of Raising MEAP and MME Cut Scores to be Consistent with College and Career Readiness

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**PRESENTED FOR DISCUSSION BY THE  
MICHIGAN STATE BOARD OF EDUCATION**

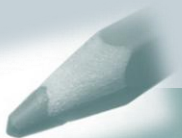


January 11, 2011

- November, 2006 Michigan State Board of Education Meeting
  - Board item presented four options for Michigan Merit Examination (MME) cut scores:
    1. Cut scores recommended by the standard setting panel (less rigorous than MEAP HST)
    2. Cut scores equivalent in difficulty to the MEAP HST
    3. Cut scores equivalent in difficulty to ACT College Readiness Benchmarks (more rigorous than MEAP HST)
    4. Cut scores halfway between options 2 and 3 (as a compromise)



- November, 2006 Michigan State Board of Education Meeting
  - The Michigan State Board of Education adopted option 2
    - Cut scores equivalent in difficulty to the MEAP HST cut scores
    - Board members requested revisiting cut scores to raise them to college readiness in future years



- **Current Status**

- Four cohorts of high school students have now taken the MME
- The first cohort of students required to complete all Michigan Merit Curriculum (MMC) requirements took the MME in Spring 2010
- The High School Content Expectations have been in place for four years
- The Grade Level Content Expectations have been in place for six years
- The Common Core State Standards have been adopted by the State Board
  - Based on college and career readiness and being on track to becoming college and career ready



- **Current Status**
  - Current cut scores are based on skills sufficient to succeed in an old manufacturing economy
  - New economy means that cut scores should reflect...
    - Preparedness for college and career (in high school)
    - Being on track (in elementary and middle school)

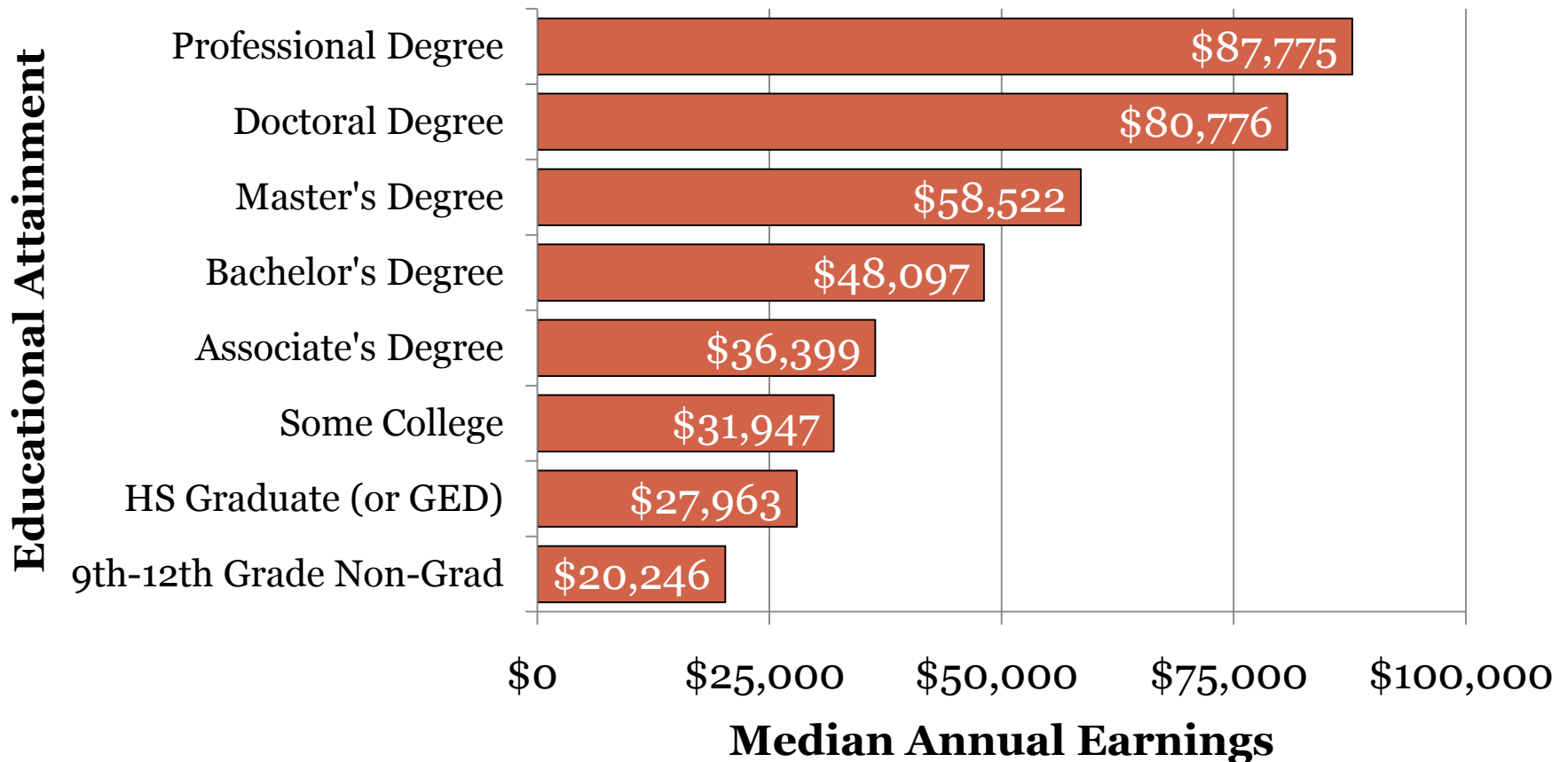


# Why College Ready?

Source: Current Population Survey, 2008

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## Median Annual Earnings by Educational Attainment

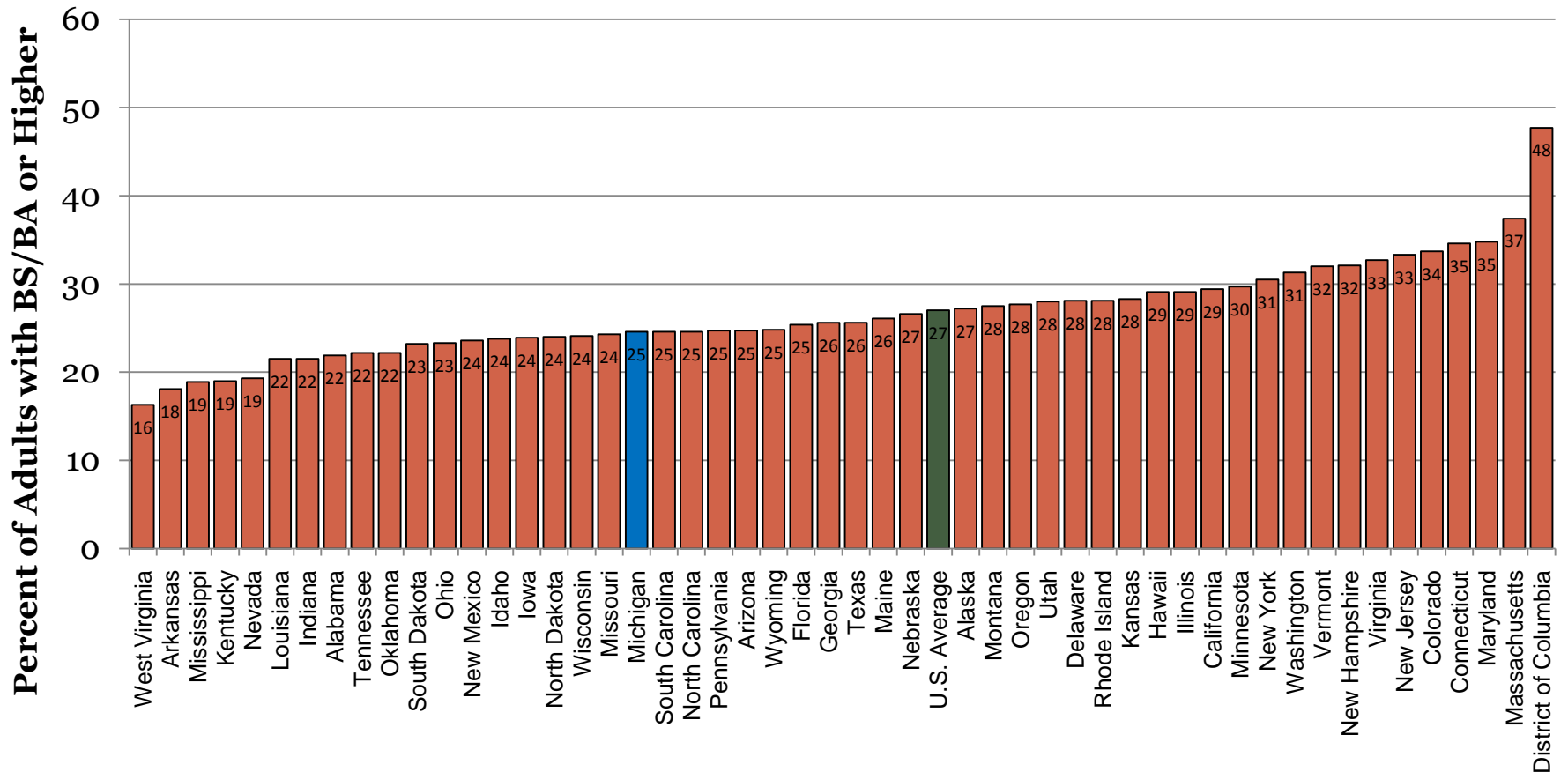


# Why College Ready?

Source: American Community Survey, 2004

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## Percent of Adults with Bachelor's Degrees or Higher by State

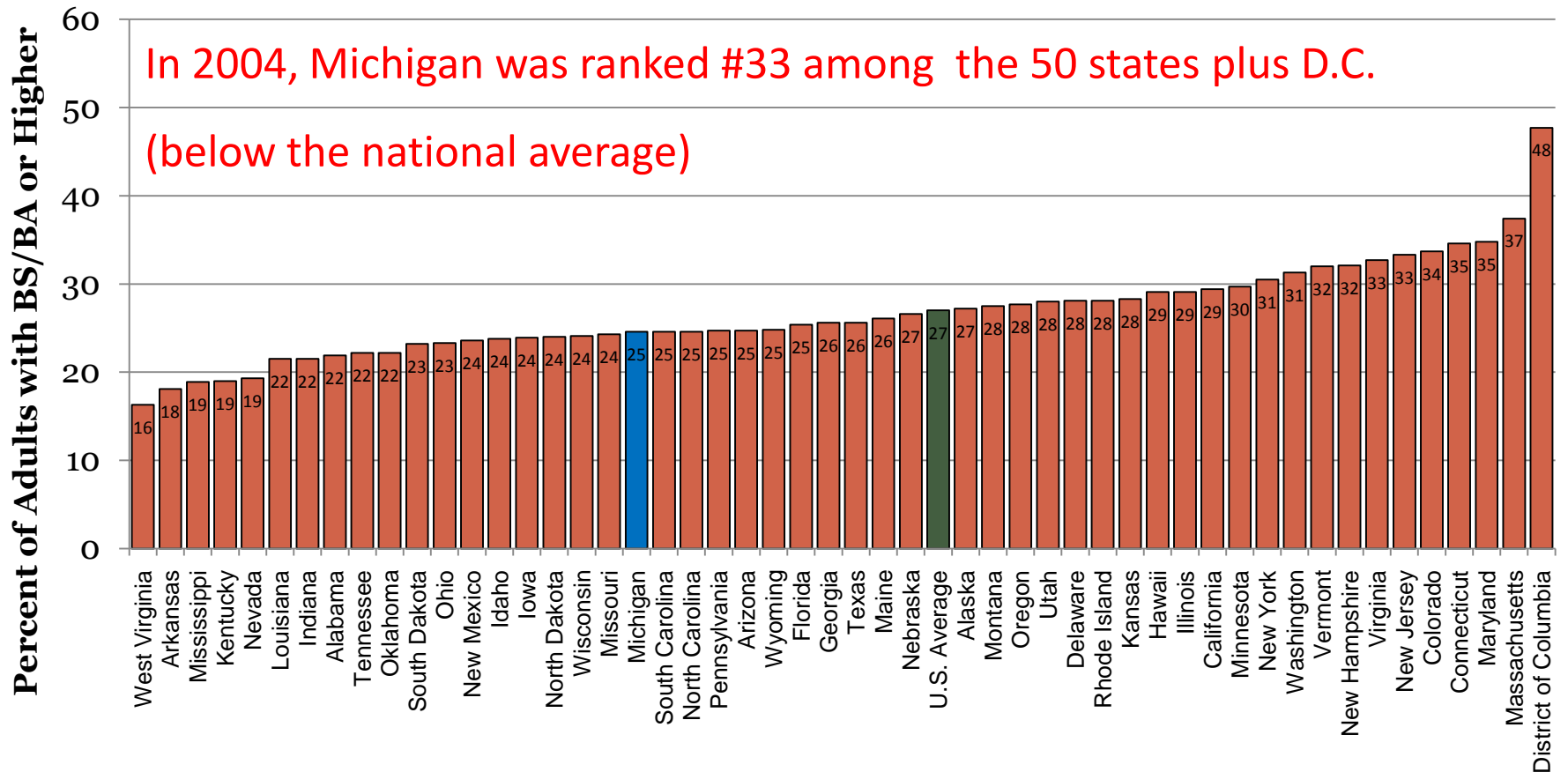


# Why College Ready?

Source: American Community Survey, 2004

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## Percent of Adults with Bachelor's Degrees or Higher by State





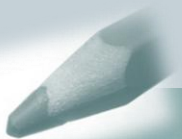
- Michigan's Trajectory in Moving Toward College and Career Readiness Performance Expectations
  1. Increased Rigor of Content Expectations
    - ✦ Grade Level Content Expectations (2004-2005)
    - ✦ High School Content Expectations (2006-2007)
  2. Increased Rigor of Student Course Taking Expectations
    - ✦ Michigan Merit Curriculum (2007)
  3. College and Career as Focus of Content Expectations
    - ✦ K-12 College and Career Readiness Standards (2010)
  4. Focus of Test Content on College and Career
    - ✦ High School (Michigan Merit Examination, 2007)
    - ✦ All Grades (SMARTER/Balanced Assessment Consortium)
  5. Cut Scores Reflective of College and Career Readiness
    - ✦ College and Career Ready Cut Scores (High School)
    - ✦ On-Track Cut Scores (Elementary and Middle School)



- Defining College and Career Readiness
  - College Readiness
    - *Ready to succeed in first-semester credit-bearing college courses without remediation*
  - Career Readiness
    - *Ready to succeed in introductory technical career training courses without remediation*
  
- Why “without remediation?”
  - 25% of first-time freshmen in Michigan community colleges take remedial courses
  - College students who take remedial courses rather than credit bearing courses are more likely to drop out



- Identifying College and Career Ready Cut Scores
  - Reading and Mathematics only
    - ✦ AYP subjects
  - Based on ACT College Readiness Benchmarks
    - ✦ 21 in Reading
    - ✦ 22 in Mathematics
  - Percent of Michigan 11<sup>th</sup> grade public school students who met ACT College Readiness Benchmarks in Spring 2010
    - ✦ 38 percent in Reading (65 percent “proficient” on MME)
    - ✦ 30 percent in Mathematics (50 percent “proficient” on MME)



- Identifying College and Career Ready Cut Scores
  - What about Career Readiness?
    - ✦ National Assessment Governing Board (NAGB) study
    - ✦ Intend to use NAGB methodology for Smarter/Balanced Assessment Consortium definitions
  - Limiting the Current Discussion to College Readiness



## ○ Basic strategy

- Start with ACT college readiness benchmarks
  - ✦ Good starting point
  - ✦ Will need to refine the study
  - ✦ What we have for now
- Work backward toward grade three, matching students from current grades to previous grades
- Identify cut scores with approximately equal rigor across all grade levels

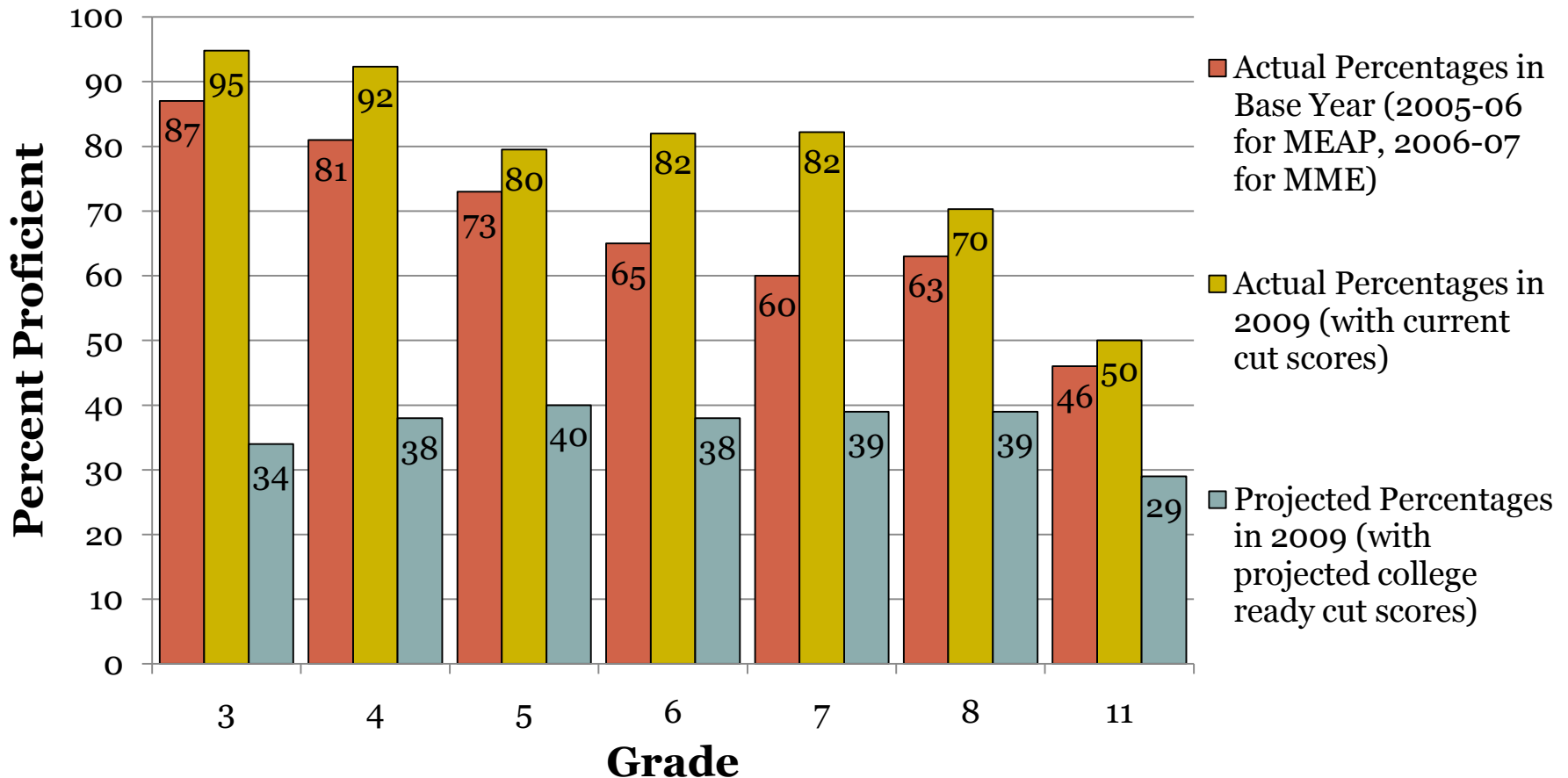


# Preliminary Cut Score Study Results

Grade	Cut Scores					
	Current		Projected		Increase (in SD's)	
	Math	Reading	Math	Reading	Math	Reading
3	300	300	336	337	1.64	1.52
4	400	400	435	435	1.51	1.06
5	500	500	530	534	0.92	1.16
6	600	600	629	633	1.01	1.49
7	700	700	729	733	1.02	1.17
8	800	800	822	831	0.79	1.29
11	1100	1100	1113	1120	0.35	0.63

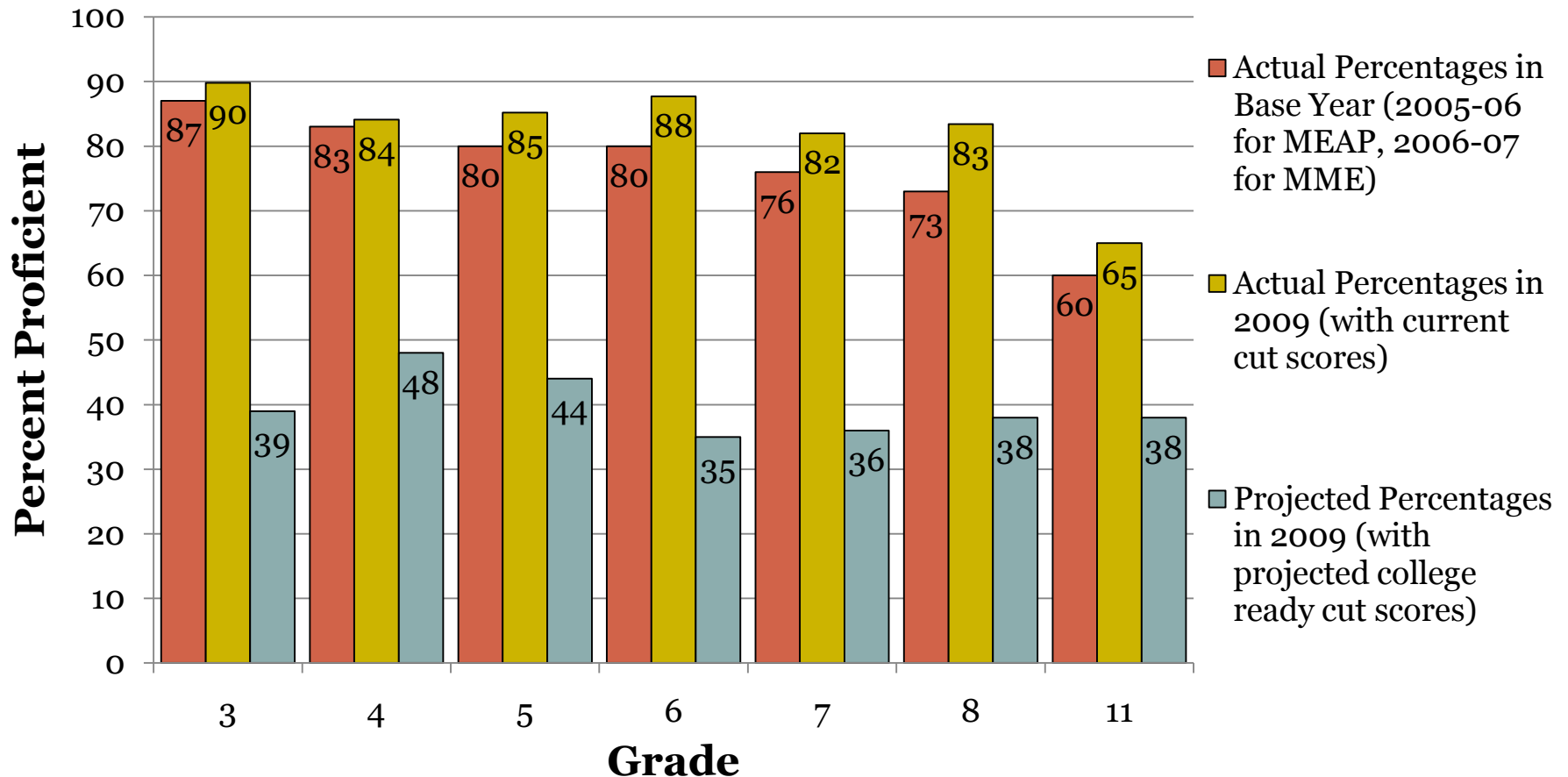
# Preliminary Cut Score Study Results

## Actual and Projected Percent Proficient in Mathematics



# Preliminary Cut Score Study Results

## Actual and Projected Percent Proficient in Reading





# Preliminary Impact Study on AYP

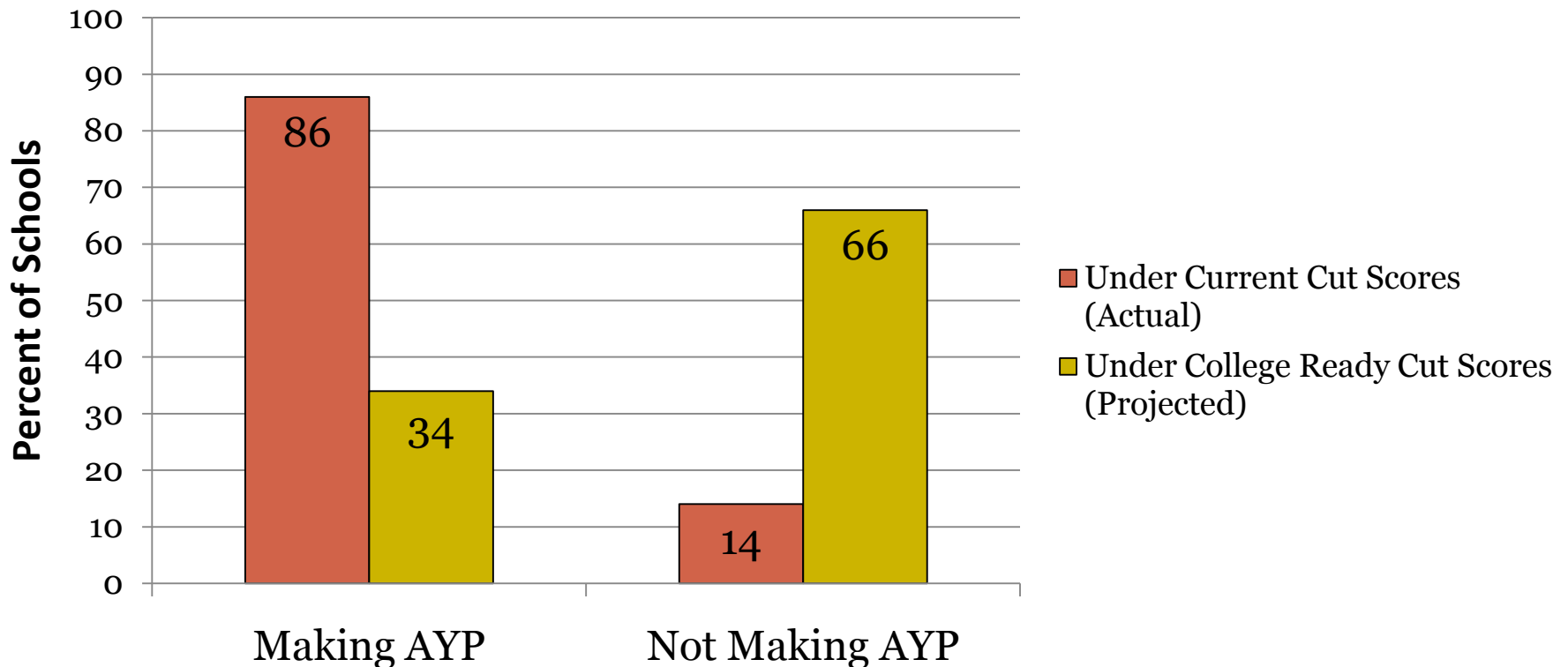
- Re-ran 2009-10 AYP with the new cut scores
- Used 2011-12 school year high school thresholds (targets) for AYP
  - 86% for reading
  - 78% for math
- Why use the 2009-10 data with new cut scores?
  - Most recent data we have for all schools
- Why the 2011-12 thresholds?
  - Soonest new cut scores could be in place
- Provides a reasonable estimate of the impact



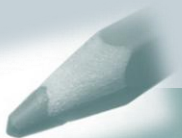
# Preliminary Impact Study on AYP

- Projection: 66% of schools **would not** make AYP

## Current and Projected AYP Results



- Impact on MI-SAAS
  - Because of the connection of AYP to MI-SAAS (and because a minimum of 5% of schools would be **unaccredited**)...
    - A maximum of 34% of schools would be **accredited**
    - Approximately 61% of schools would be **interim accredited**



# The Superintendent's Recommendation

- Increase cut scores for the 2011-12 school year
  - SBE policy has led us step by step to this point
  - The time is right
    - GLCEs, HSCEs, and MMC fully implemented
    - Need to recognize the new economy
    - Need to change focus of K-12 education to preparing students for success in college and/or technical career training
    - Need to prepare for Smarter/Balanced assessments in 2014
  - 2011-12 is the earliest that new cut scores can be implemented



# Contact Information

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