



UNIVERSITY OF WISCONSIN SYSTEM

Remedial Education in the UW System

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Vice President, Academic & Student Affairs

Board of Regents, October 9, 2015

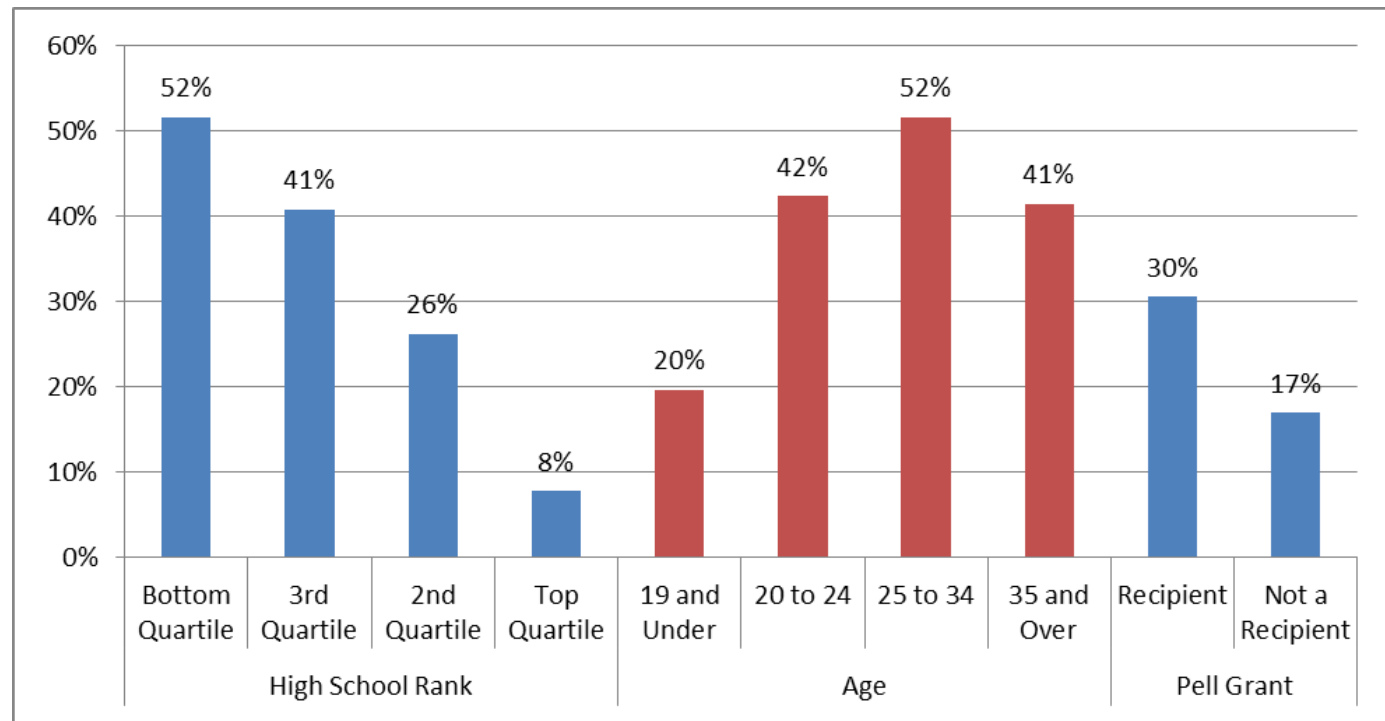
Outline

- Background
- Big Goals
- Three-year Report & Institutional Efforts
- UW System Developmental Education Strategy
- Q&A

Background

Why is there Remedial Education in the UW System?

New Freshmen Requiring Math Remediation by Student Characteristics, 2011 to 2013 Combined



Big Goals

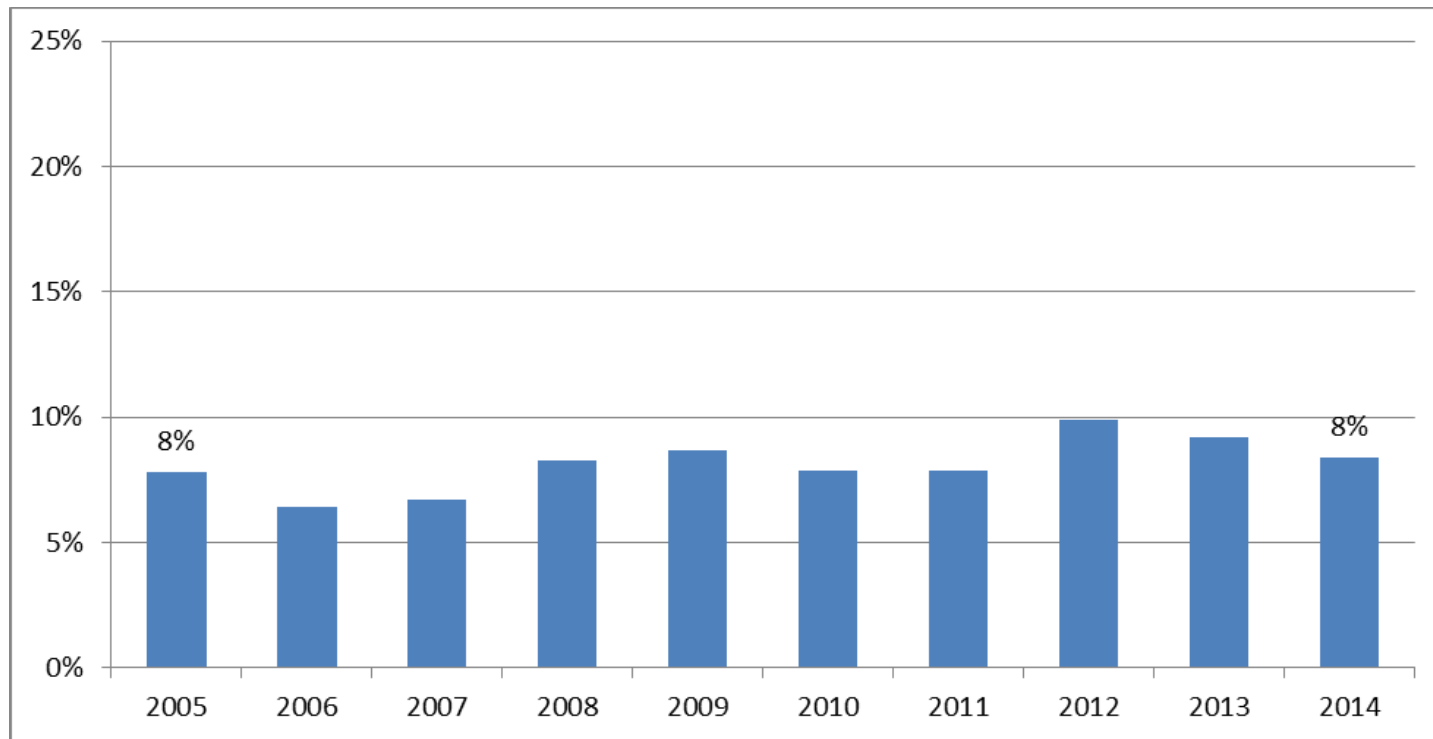
President Cross's two big goals:

- Cut the number of incoming students needing remedial math.
- Increase the first year completion rate of students who require remedial math.

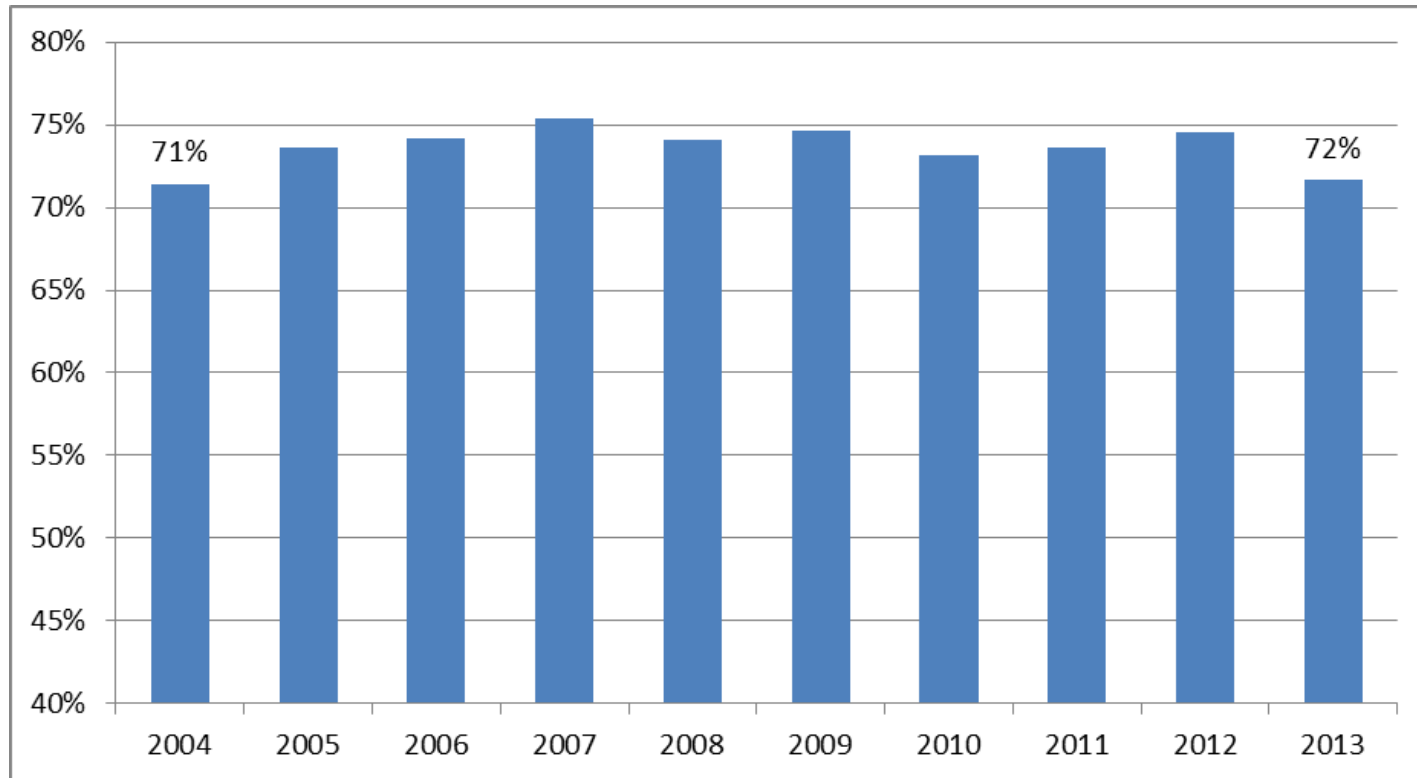


Three Year Report on Remediation in the UW System

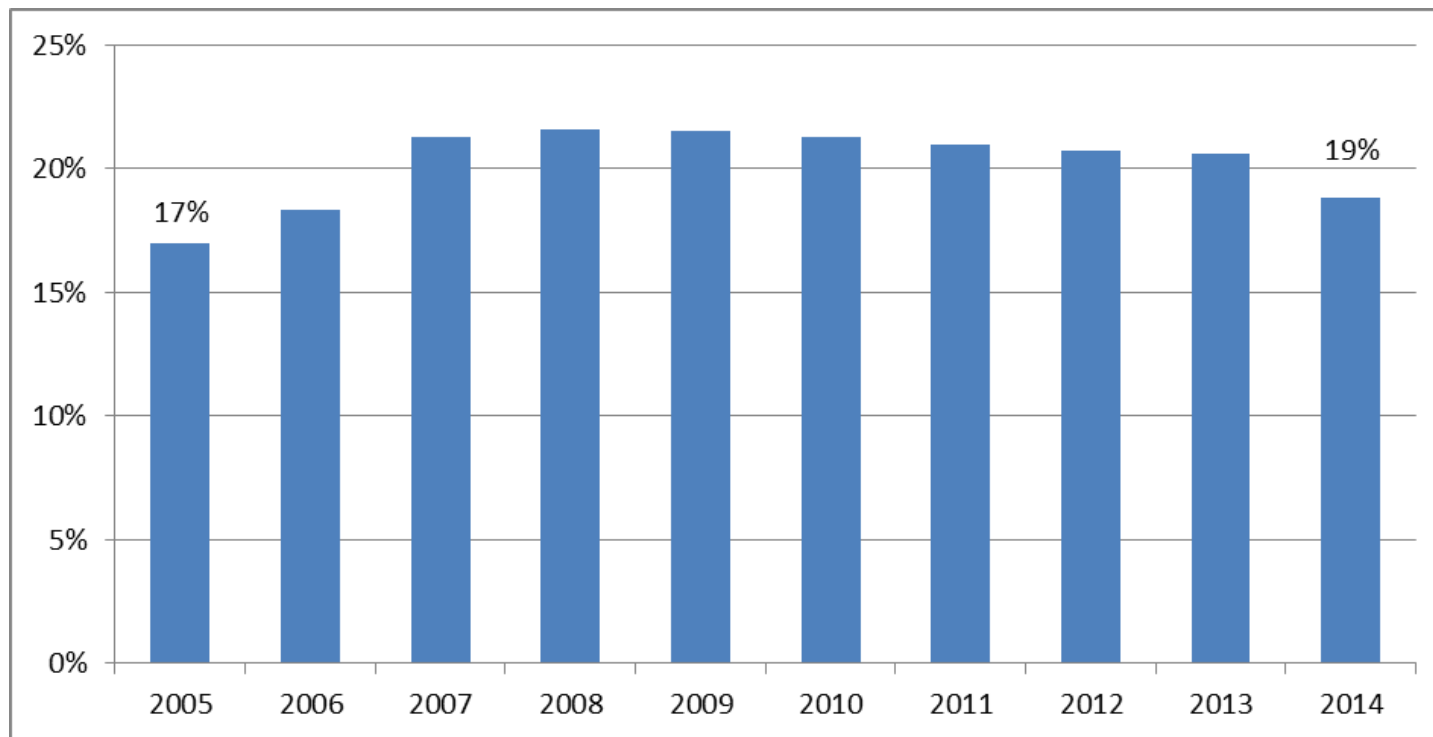
New Freshmen Requiring English Remediation, 2005 - 2014



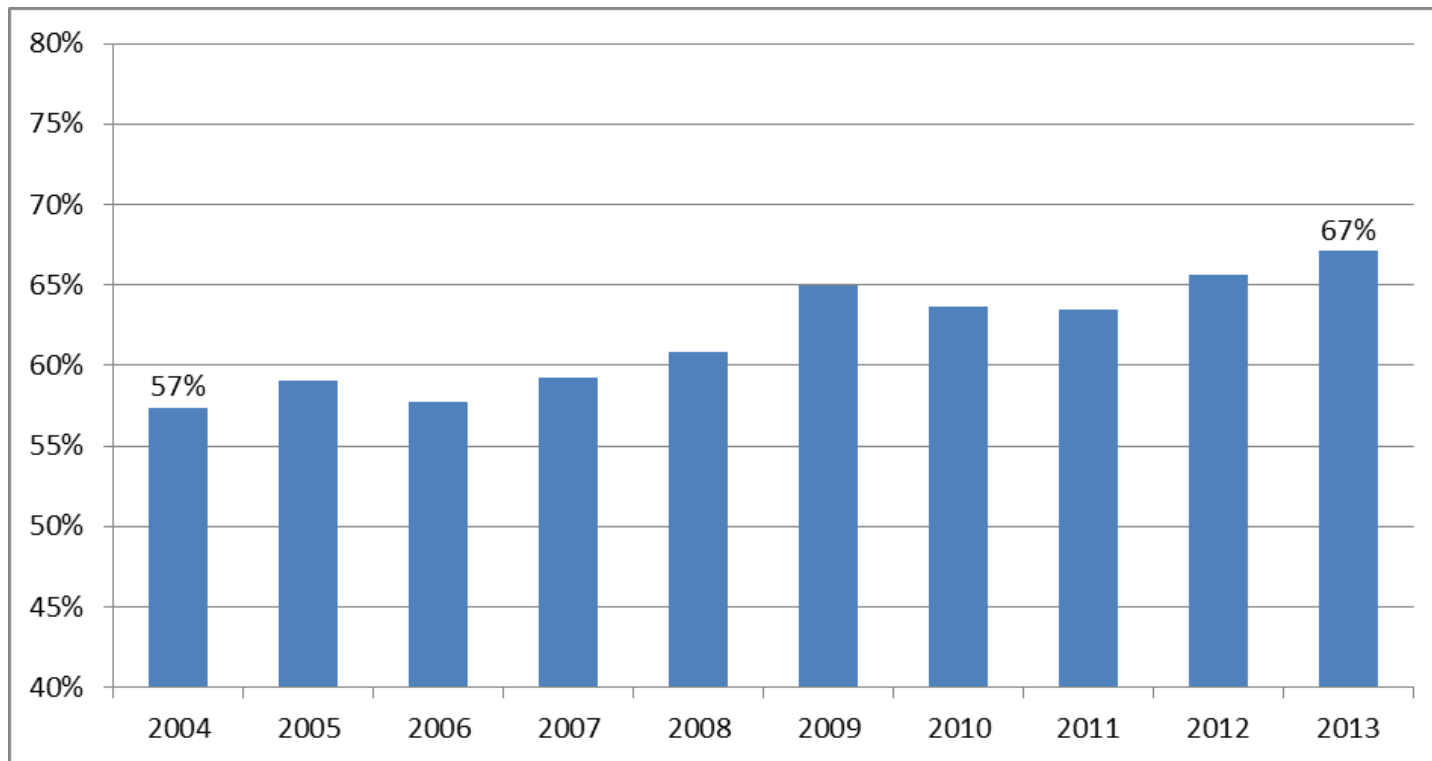
First-Year English Remediation Completion Rate, 2004 - 2013



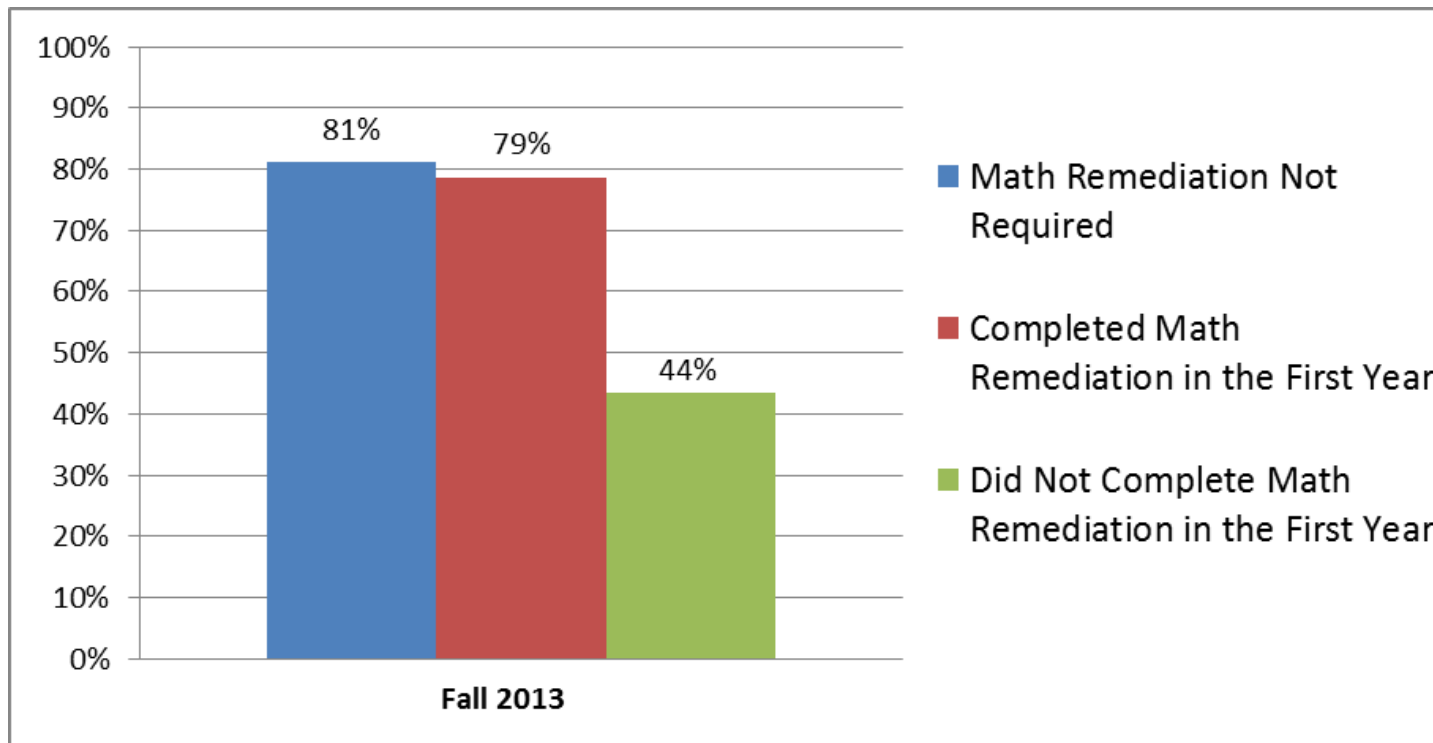
New Freshmen Requiring Math Remediation, 2005 - 2014



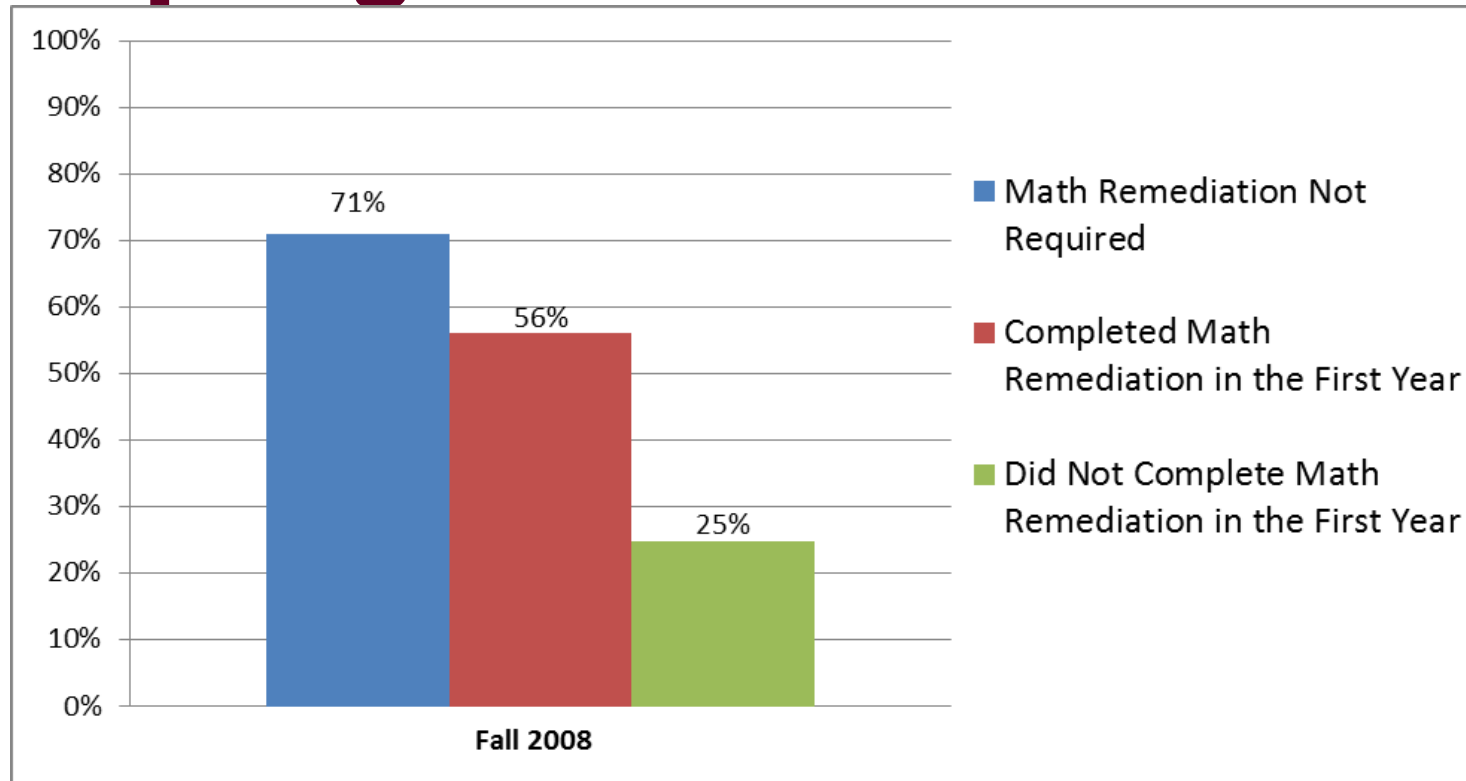
First-Year Math Remediation Completion Rate, 2004 - 2013



2nd Year Retention Rates of Students Requiring Math Remediation



6-Year Graduation Rates of Students Requiring Math Remediation



Full-Time New Freshmen at UW 4-Year Institutions are included.

Summary of Three Year Report

- The majority of students admitted do not require remediation
- Completion of remedial requirement in first year is key to success

Developmental Education Strategy



UW System Remedial/Developmental Education Strategy

General objectives:

- Reduce demand for remedial/developmental education
- Increase student success in remedial/developmental education instruction
- Reduce time to degree
- Reduce costs
- Multiple approaches for multiple audiences

Reduce the need for remedial math

Improve success in remedial math courses

Communicating & feedback to K-12

UW internal strategies

Increase use of EMPT

College Readiness webinar for HS math teachers & counselors

Reports to high schools on student placement & success

Define pathways from HS math to college credit courses

Moving up strategy through Gates grant

Summer bridge programs

Remedial math instruction redesign

Increase Use of Early Math Placement Tool (EMPT)

Increased Usage of EMPT

	2013-14	2014-15
Schools	112	127
Teachers	169	192
Classrooms	494	628
Students	10,725	12,030

Communicating with K-12: College Readiness Webinars



Tuesday, October 20	<u>Early Math Placement Tool (EMPT):</u> Preparing Students for College-Level Mathematics
Tuesday, November 3	<u>Senior Year Math:</u> How taking senior year math affects college placement
Tuesday, November 17	<u>Senior Year English:</u> What should students be learning in senior year English to best prepare them for college?
Tuesday, December 8	<u>Admissions:</u> How are applications for admission and high school transcripts evaluated?



Reports to High Schools on Student Placement & Success

ACT, Inc. 3-Year College Success Reports

New Legislative Act 28 Reporting Requirement on Remedial Education

Campus Reporting to High Schools

Planned P-20/DPI Dashboard Reporting to High Schools in 2016

Moving Up Strategy through Gates Grant

UW Colleges	Accelerating Students from Developmental Math and English to Credit Bearing Courses
UW-La Crosse	College Readiness Math MOOC and EMPT
UW-Milwaukee	Moving Up from Remediation
UW-Parkside	Developmental Mathematics “Moving Up” Project

UW Internal Strategies: Summer Bridge Programs

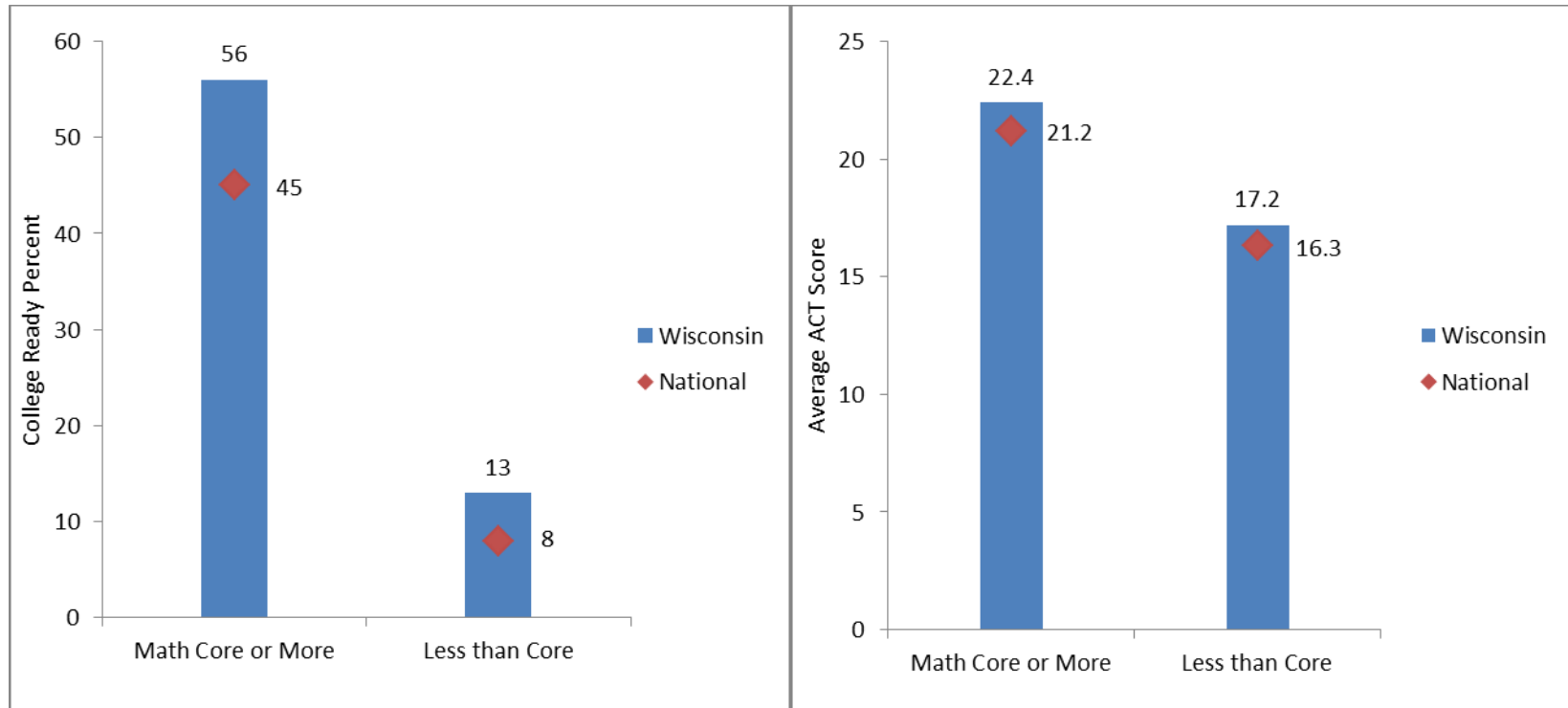
UW-La Crosse	Pilot Project Success (56 of 57 into freshman credit-bearing math in Summer 2015)
UW-Milwaukee	101 students tested out of developmental math after summer bridge program

Remedial Math Instructional Redesign



UW Colleges	Accelerated delivery models in math and redesign of writing program
UW-Superior	Remedial math piloting flipped classroom with a responsive computer program
UW-Parkside	Remedial math classes divided into modules with additional student tutorial support
UW-Milwaukee	Reforms led increase in remedial completion rates from 55% historically to 82% in 2014

College Readiness Benchmark Percent and Average ACT Scores, 2015 High School Graduates



Increasing Requirements for Mathematics



High School Graduation Requirements

- Wisconsin—3
- Iowa—3
- Minnesota—3
- Maryland—4

College Admission Requirements

- UW System—3 (UW-Madison—4)
- Minnesota System—4
- Maryland System—4
- 4 Math courses strongly recommended for prospective STEM majors

Conclusions

- Remediation Works!
- K-16 Partnership is key to better align curriculum and reduce need for remedial education
- Need to continue to develop innovations in remedial instructional models to improve success

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