Breaking Down Barriers to College Completion

3rd Annual Missouri Governing Board Forum

COMPLETE COLLEGE AMERICA

A NATIONAL PROBLEM
Very Few Graduate on Time …

On-Time Graduation Rates

(Started Full-time)

2-year
Associate

4-year
Bachelor's
(Non-Flagship)

National	**5.0%**	**18.1%**
Missouri	**8.9%**	**22.6%**

Too Few Graduate At All

150% Time Graduation Rates

(Started Full-time)

2-year
Associate

4-year
Bachelor's
(Non-Flagship)

National	**12.9%**	**43.2%**
Missouri	**17.7%**	**42.4%**

Part-Time Students Rarely Graduate

200% Time Graduation Rates

(Started Part-time)

2-year

Associate

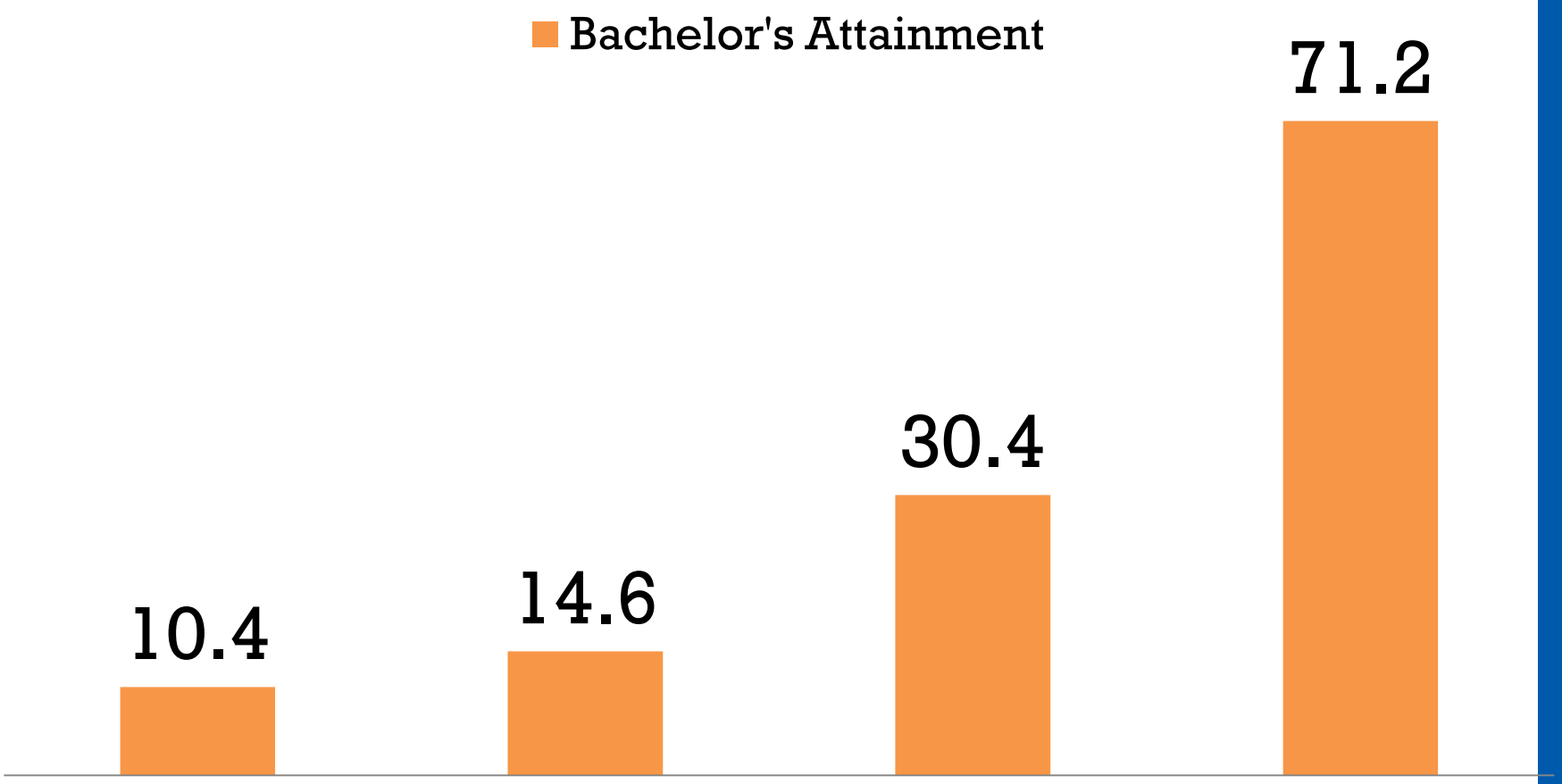
4-year

Bachelor's

(Non-Flagship)

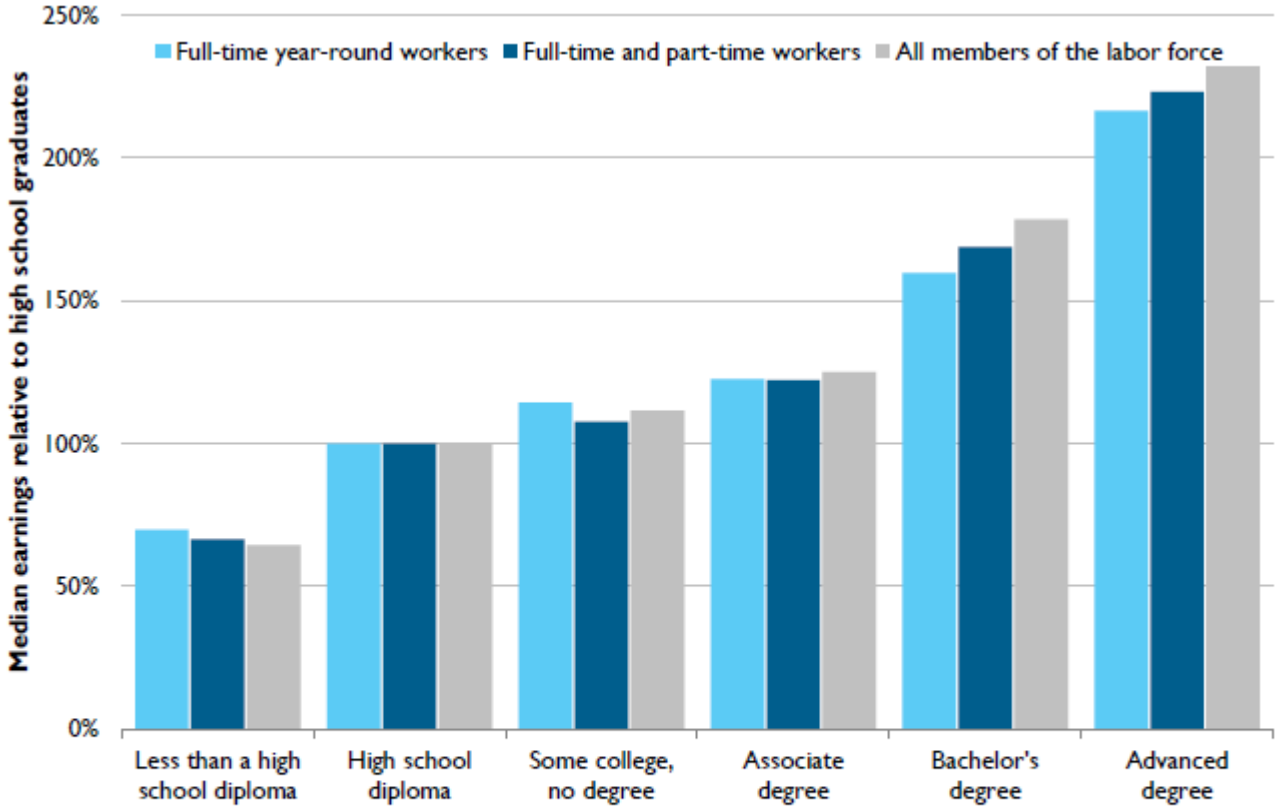
National	**6.9%**	**15.9%**
Missouri	**6.2%**	**15.4%**

Estimated Bachelor's Degree Attainment by Income Quartile by Age 24



T. Mortenson, *Postsecondary Education Opportunity*, Nov. 2012, 2011 data

Median Earning of Individuals Age 25 and Older Relative to High School Graduates



Employed (%)	88	91	93	95	96	97
Employed full time (%)	64	73	72	74	79	78

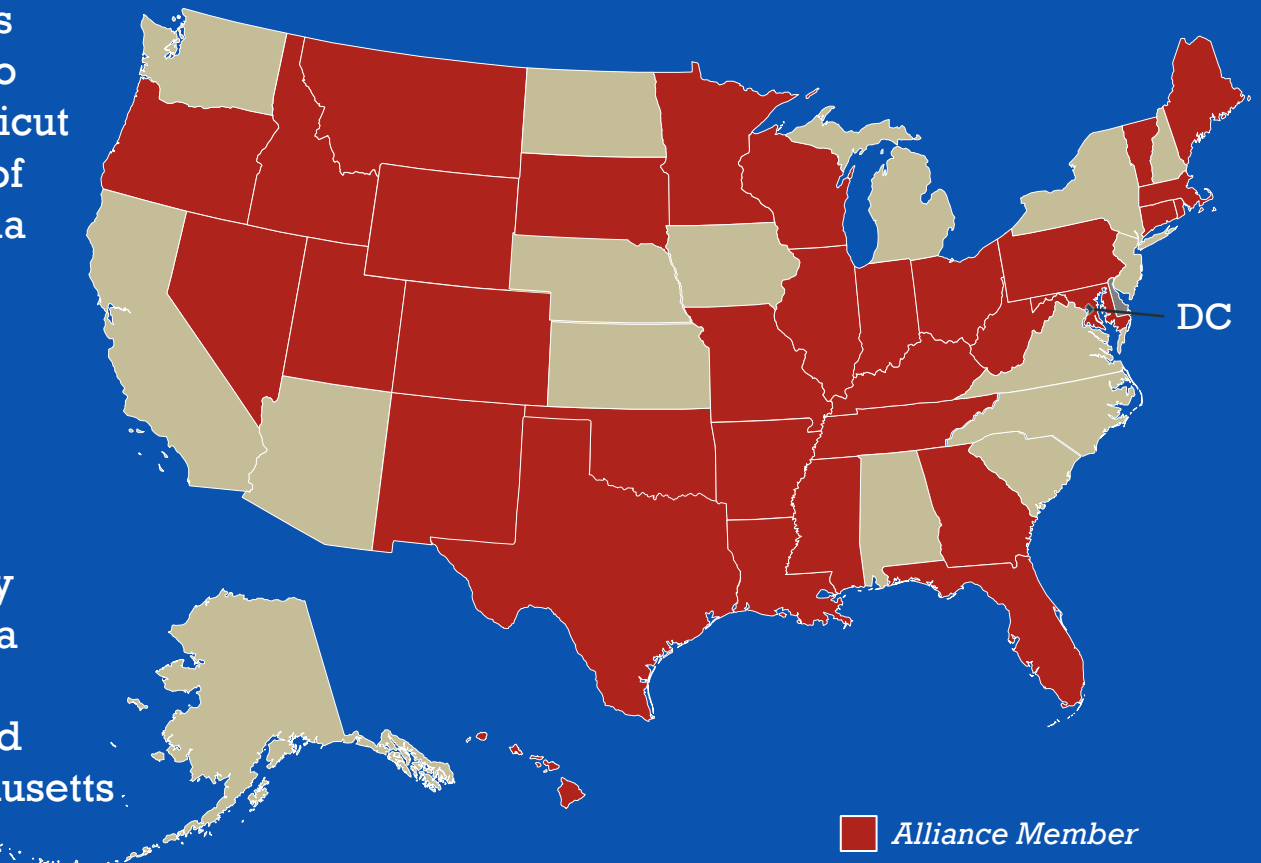
Sandy Baum, *Higher Education Earnings Premium*, Urban Institute, 2014

COMPLETE COLLEGE AMERICA

Alliance of States

35 Members

- Arkansas
- Colorado
- Connecticut
- District of Columbia
- Florida
- Georgia
- Hawaii
- Idaho
- Illinois
- Indiana
- Kentucky
- Louisiana
- Maine
- Maryland
- Massachusetts
- Montana
- Minnesota
- Mississippi
- Missouri



- Commonwealth of the Northern Mariana Islands
- Nevada
- New Mexico
- Ohio
- Oklahoma
- Oregon
- Pennsylvania
- Rhode Island
- South Dakota
- Tennessee
- Texas
- Utah
- Vermont
- West Virginia
- Wisconsin
- Wyoming

The Game Changers

1. Metrics & Performance Funding

2. Corequisite Remediation

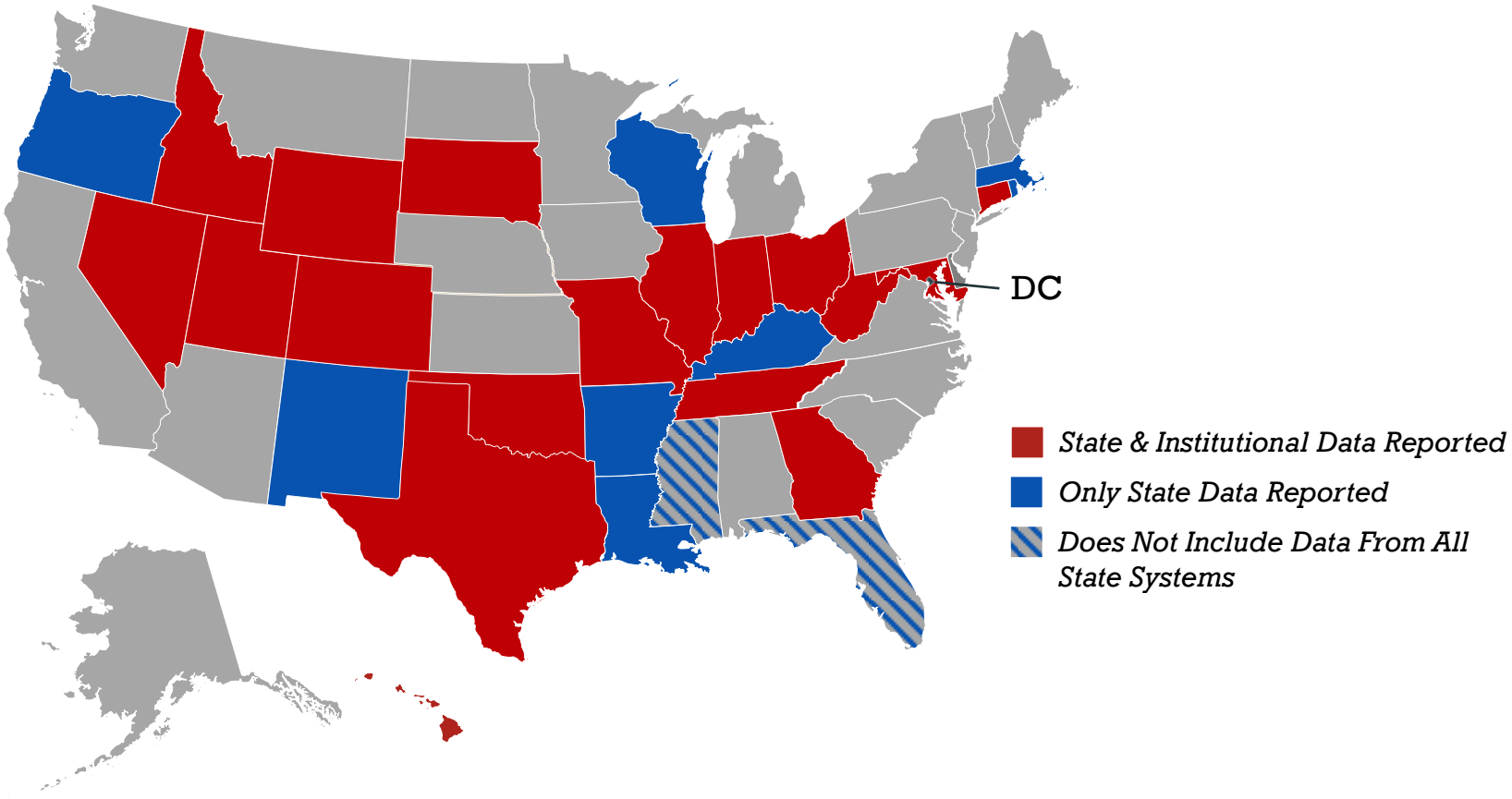
3. Time and Intensity

4. Guided Pathways - GPS

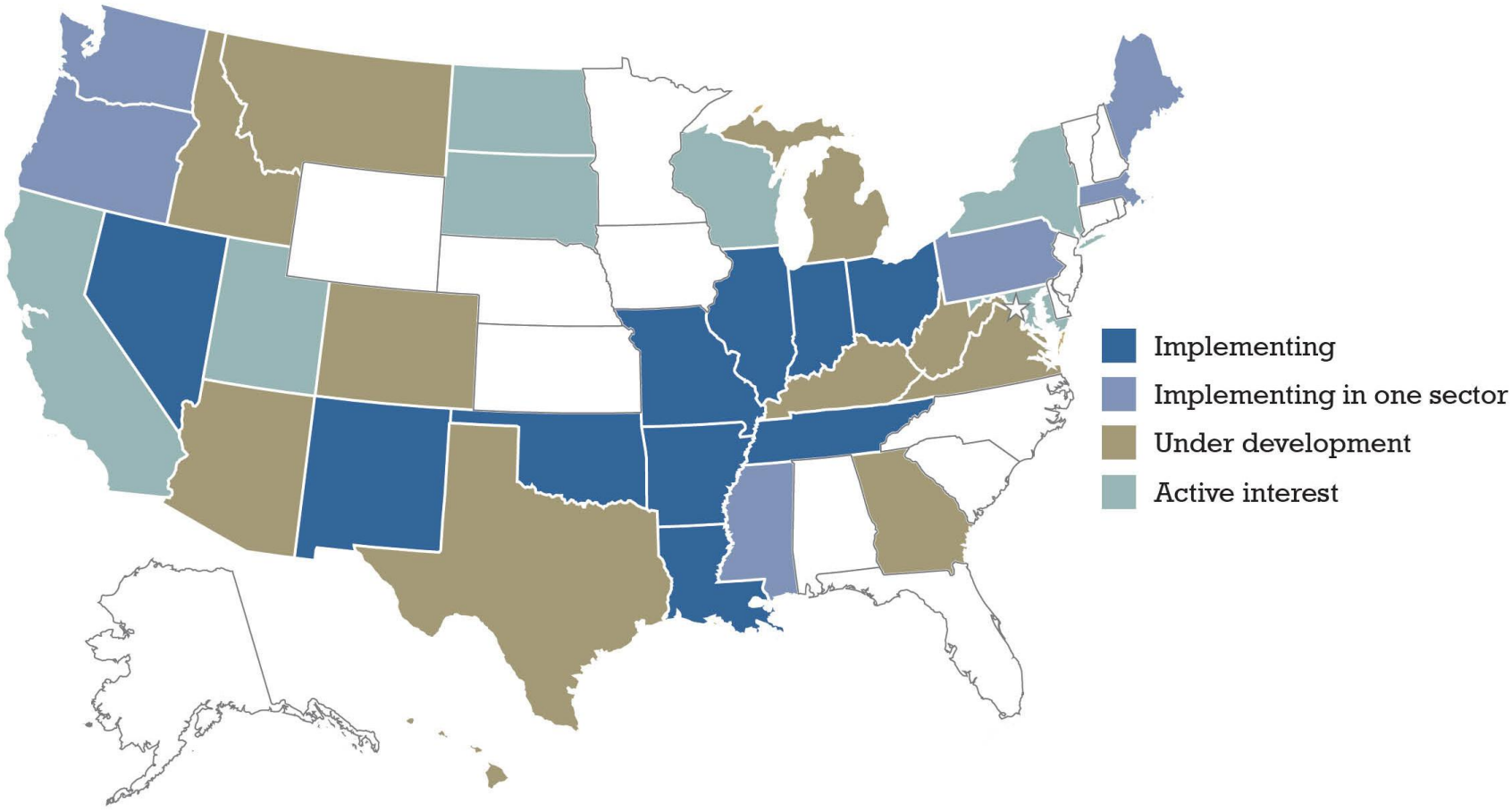
5. Structured Schedules

Metrics

2013 Participating States



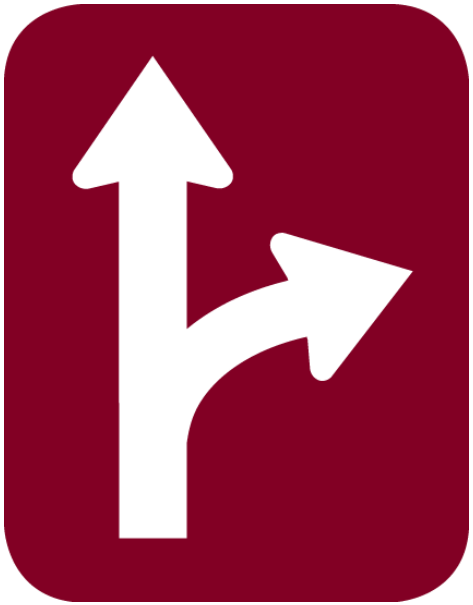
Performance Funding



GAME CHANGER

Corequisite Remediation

Remediation



Too many students start college in remediation.

60%

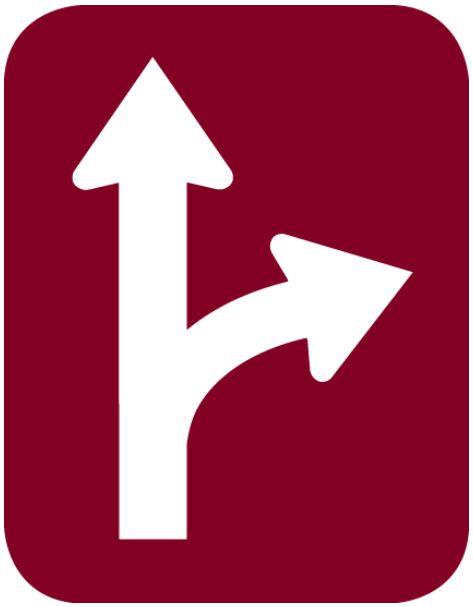
Remediation

Few Ever Get to Gateway

Only **20% of those referred to math** and **40% of those referred to reading** complete a gatekeeper course within three years of initial enrollment.

- Community College Research Center

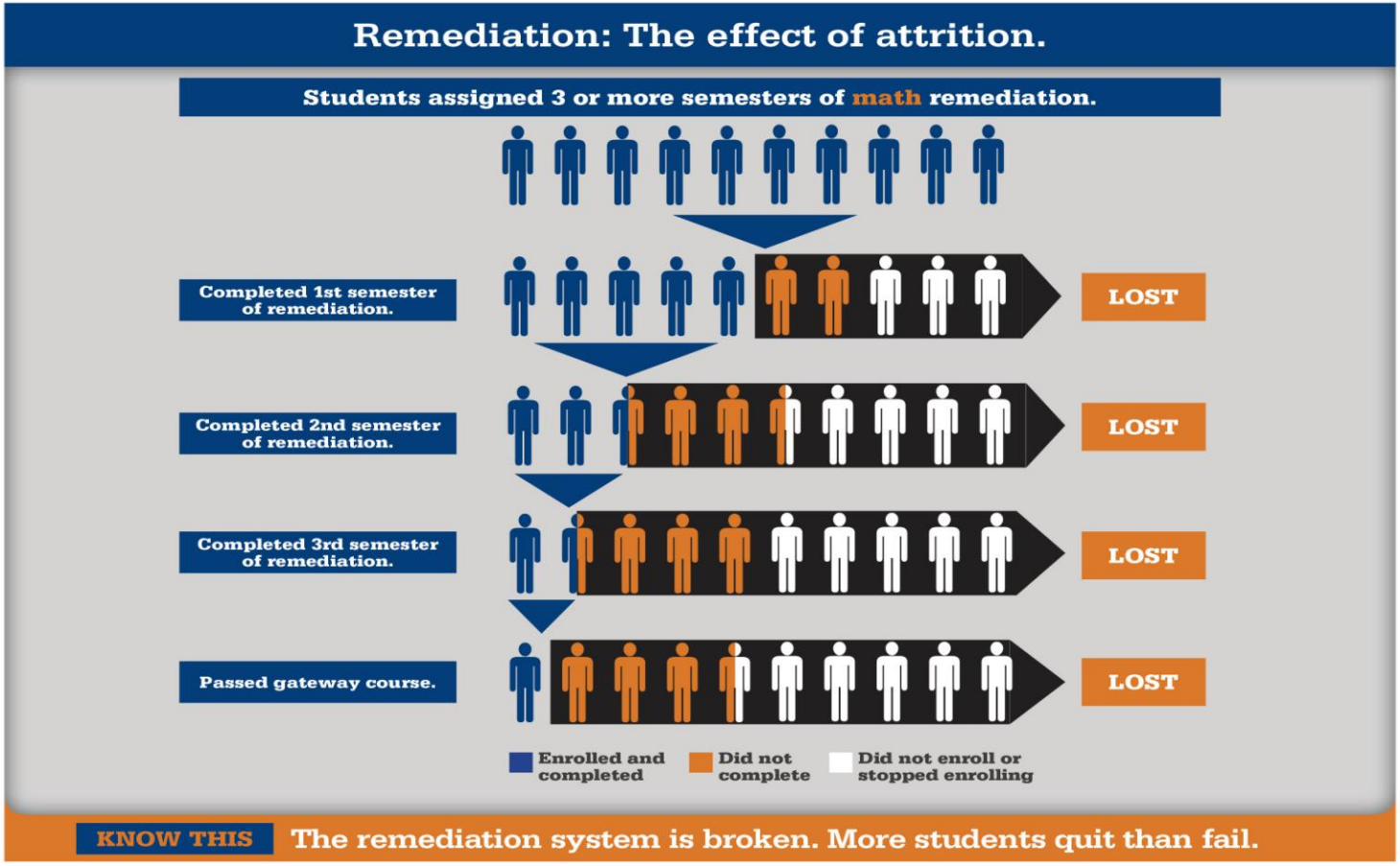
Remediation



Too few remedial students ever graduate.

1 in 10

Remediation



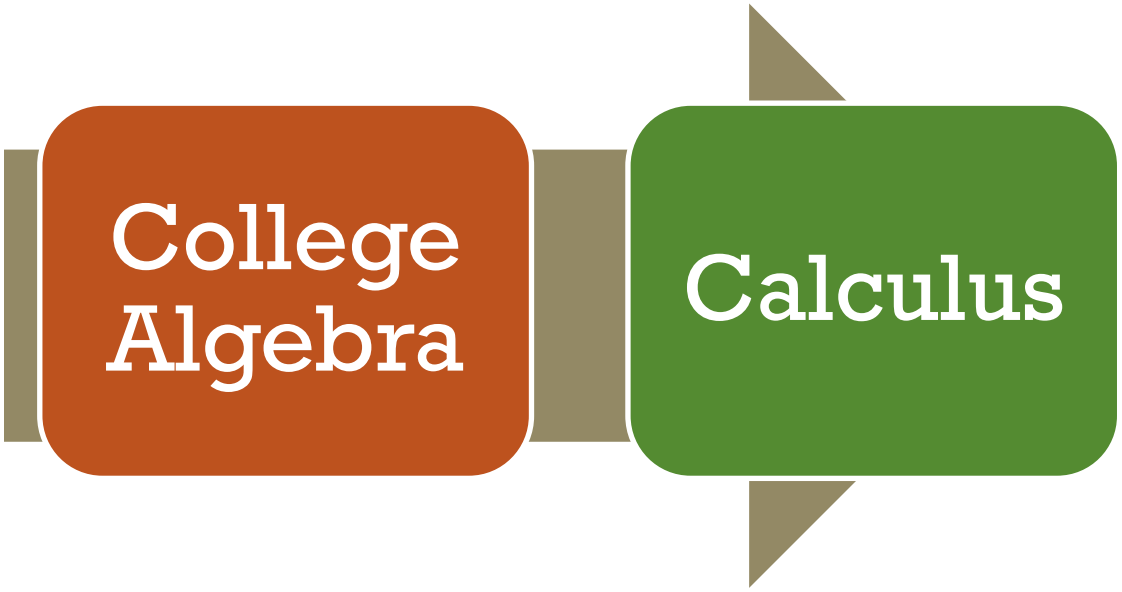
Source: Hughes, K., Edgecombe, N., & Snell, M. (2011). "Developmental Education: Why and How We Must Reform It." New York: Columbia University, Teachers College, Community College Research Center. Presentation given at the 2011 League for Innovation in the Community College Annual Conference.

Corequisite Options

- 45 minutes after class
- An additional class period or two
- Required lab with mentors
- 5 weeks dev ed, 10 weeks regular course (5 days/wk)
- Two semester stretch course

Math Pathways

College Algebra's Purpose: Preparation for Calculus



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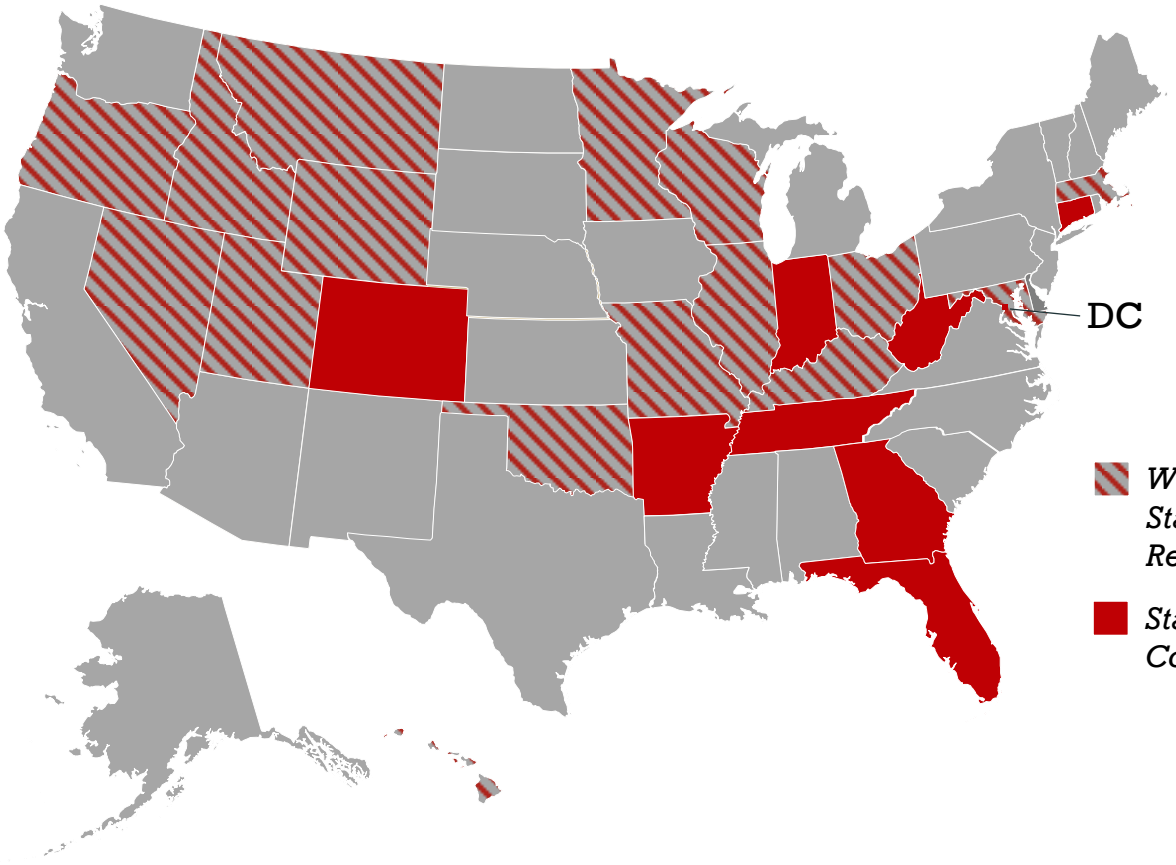
Corequisite Remediation

State Activity

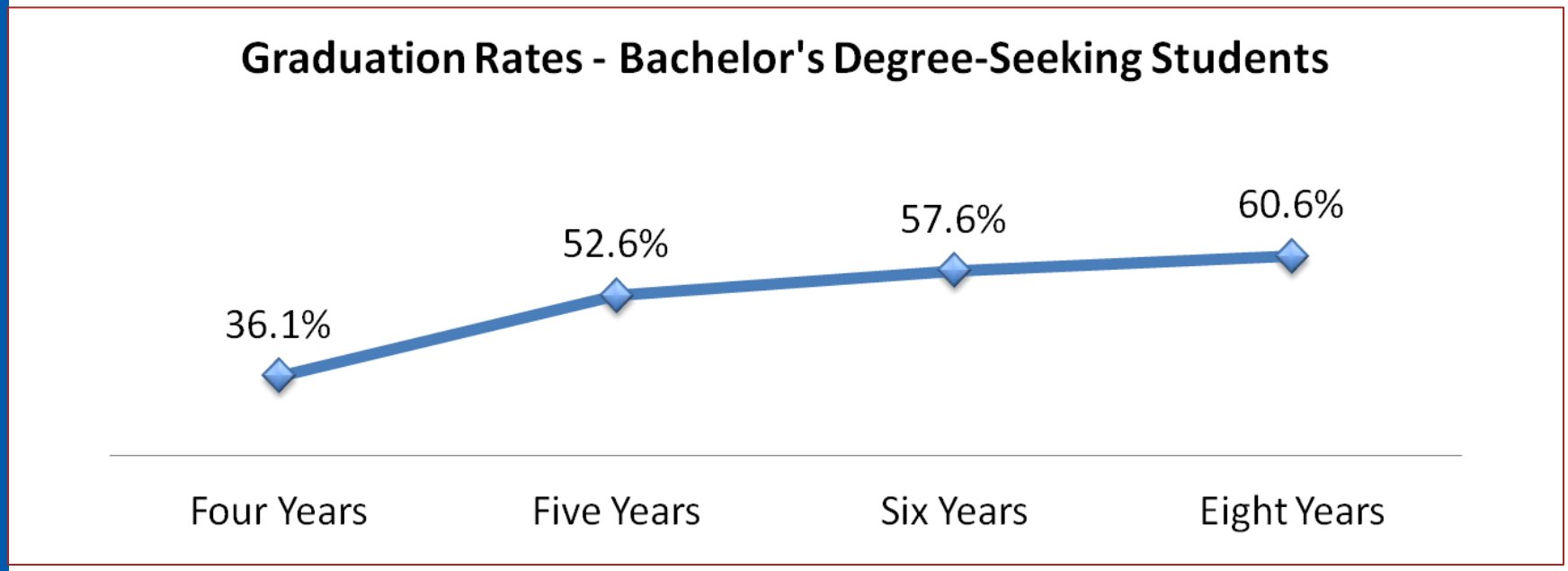


GAME CHANGER

Time & Intensity

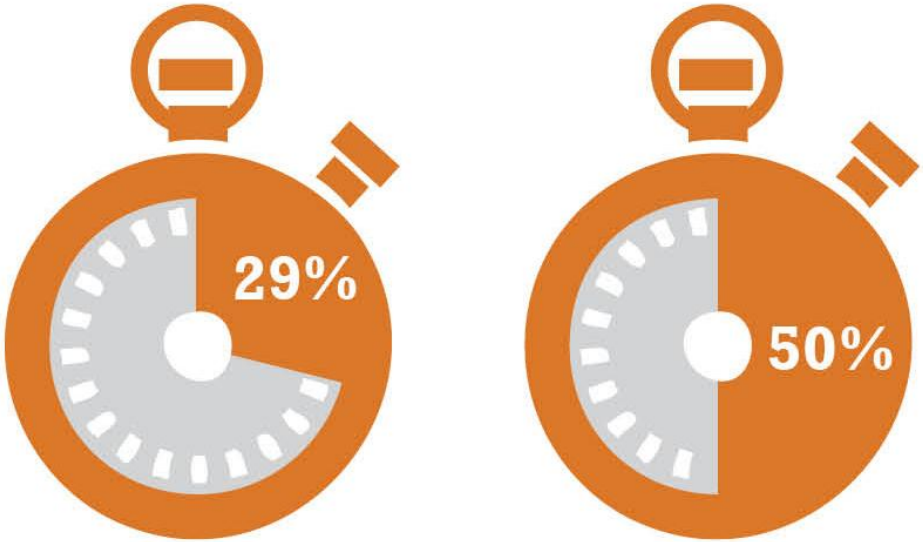
Time and Intensity

The longer it takes…the more life gets in the way.



Most students DON'T take the credit hours necessary to graduate on time.

Full-time Students Taking 15+ Credits Per Semester



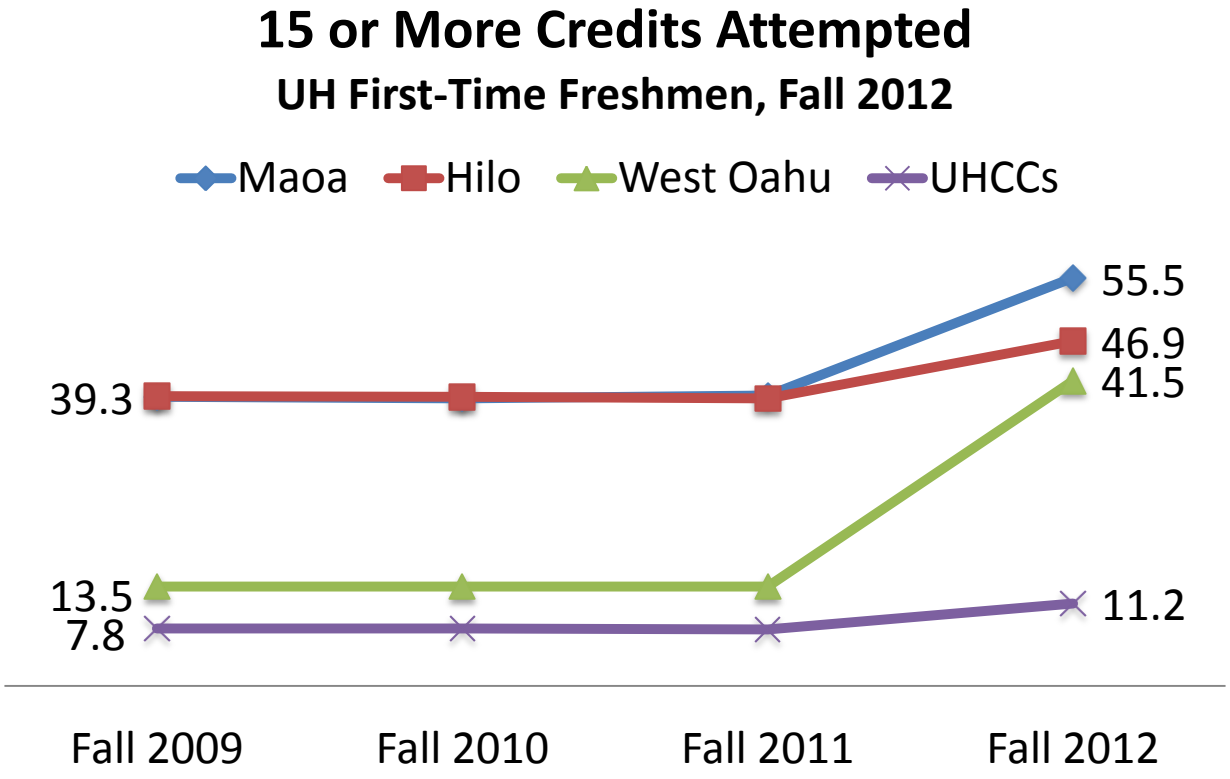
At 2-year institutions

At 4-year institutions

Time and Intensity

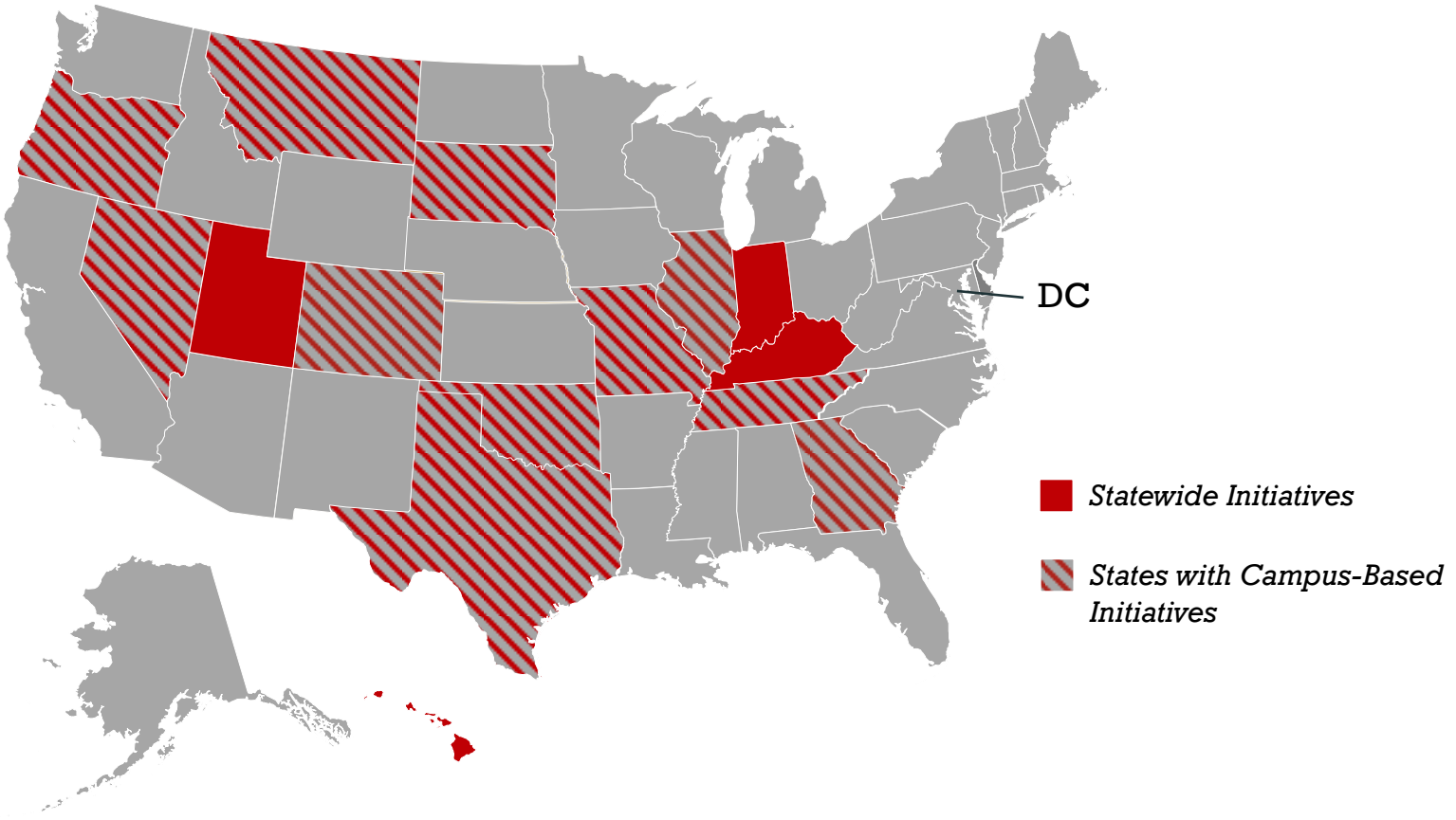
HAWAI'I'S "15 TO FINISH"

Significant results in campaign's first year.



Time and Intensity

15 to Finish State Activity



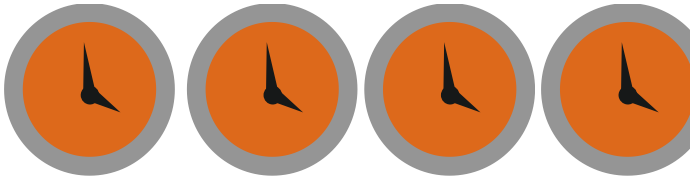
GAME CHANGER

Guided Pathways to Success

Too Much Time to Degree

Of those who graduate…

2-year
Associate

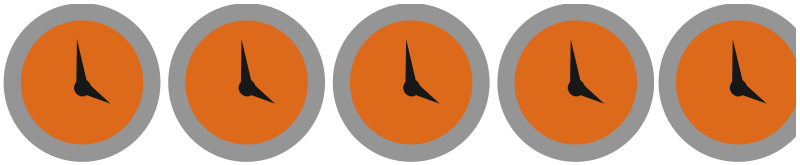


Full-time students take

3.9 year US

3.4 years MO

4-year
Bachelor's
(Non-Flagship)



Full-time students take

4.9 years US

4.5 years MO

Too Many Credits

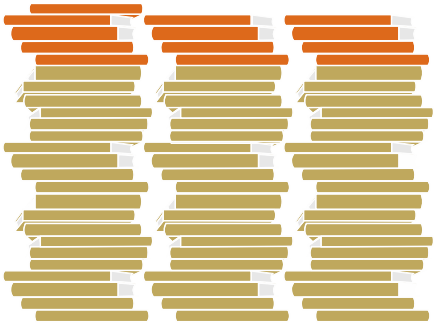
2-year

Associate

78.8 US

76.6 MO

credits accumulated



60

credits standard

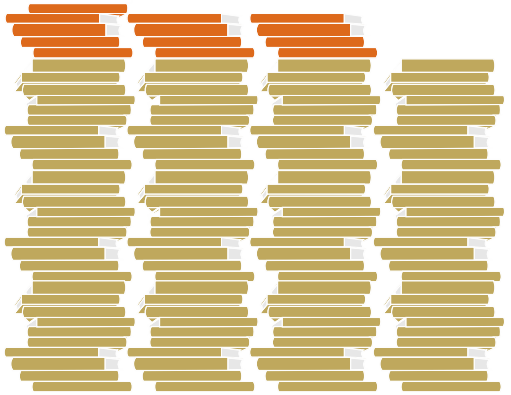
4-year

Bachelor's
(Non-Flagship)

136.2 US

125.6 MO

credits accumulated



120

credits standard

Why GPS?

Behavioral Economics: **Choice**

Too much choice

— especially uninformed choice — leads to indecision or poor decisions.

Why GPS?

Behavioral Economics: **Default**

A substantial number of people accept — even welcome — a default choice designed by informed professionals.

Why GPS?

Behavioral Economics: **Structure**

Structure optimizes design elements for success and minimizes mistakes.

- Nursing
- Engineering
- Honors Programs

DO THIS

GPS: Essential Components

1. Default pathways

2. Informed Choice

3. Meta-Majors

4. Academic Maps

5. Milestone courses

6. Intrusive advising

Structured, Default Pathways Built for On-Time Graduation

- Students don't "discover" the right path; the academic map is the default schedule.
  - Students do **not** need permission to register for courses on their schedule.
  - They **do** need permission to take courses not on their schedule.

Meta-Majors

- Students must choose a meta-major — broad clusters of majors

STEM	**Liberal Arts**
Health Sciences	**Education**
Social Sciences	**Business**

- No student is "unclassified" — those who can't decide are defaulted into Liberal Arts

Academic Maps (STEM Meta Major)

FIRST-YEAR CORE

TERM 1		TERM 2	
English 101 | English 101+	3 credits	English 102 | English 102+	3 credits
Pre-calc 101 | Pre-calc 101+	3	Calculus 101 | Calculus 101+	3
Biology, Chemistry, or Physics Core w/lab	4	Bio, Chem, or Physics Core w/lab	4
Biology, Chemistry, or Physics Core w/lab	4	Biology, Chemistry, or Physics Core w/lab	4
Student Success Seminar	1	STEM or Engineering Options Seminar	1
CREDITS	15	CREDITS	15

Milestone course required in this term

Gateway course with corequisite support

Intrusive Advising

- Students must see their advisors before registering for classes if:
  - they do not complete the milestone course on schedule
  - they fall 2 or more courses behind on their academic map
  - they have a 2.0 GPA or less for the semester

GPS Results

Higher graduation rates

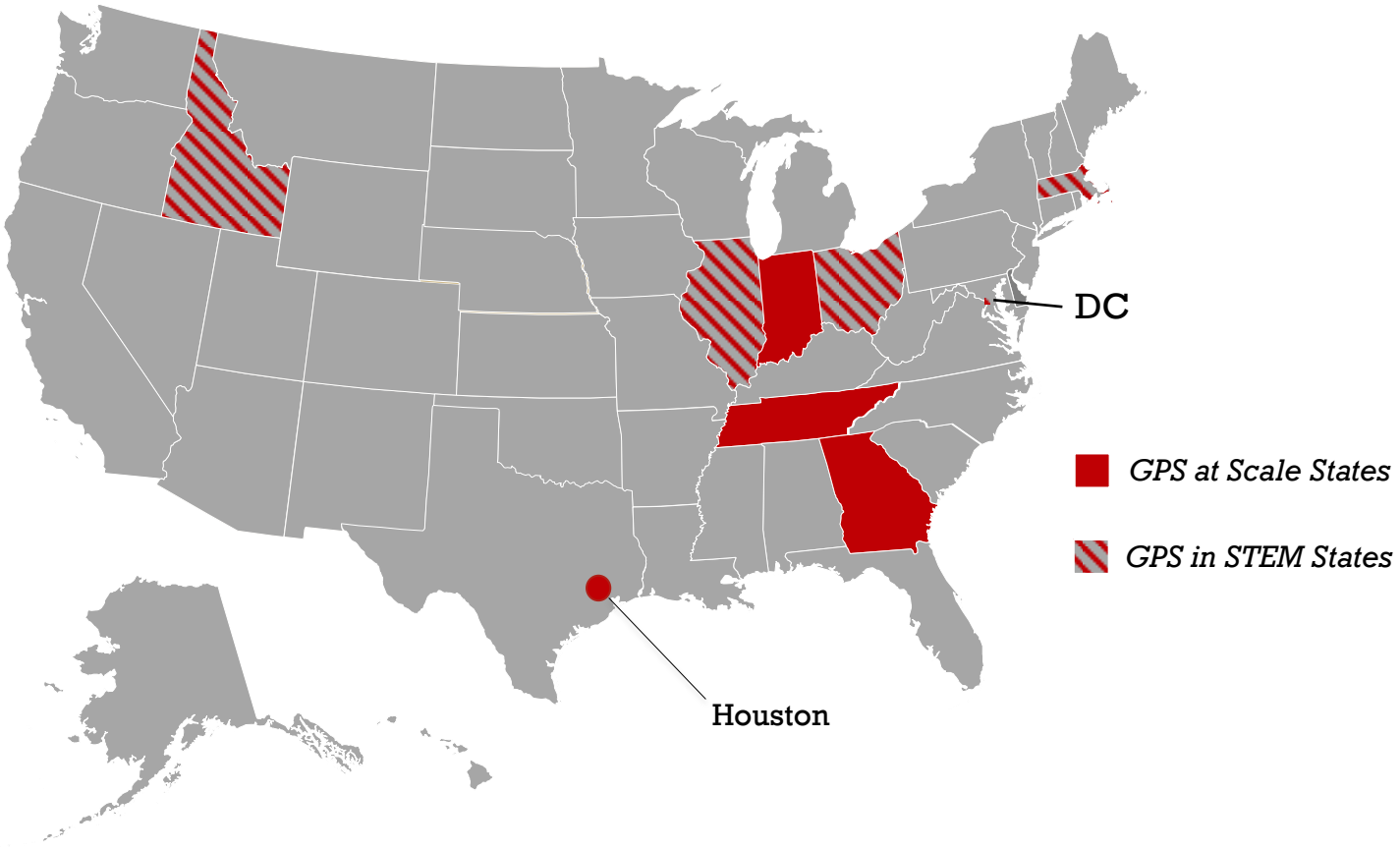
More on-time graduates

Closing the achievement gap

Fewer lost credits — saving time and money

Guided Pathways to Success

GPS State Activity



GAME CHANGER

Structured Schedules

Structured Schedules

- Block schedules of classes
- Cohorts of students
- Students choose programs or majors, not courses
- Attendance required

City University of New York

ASAP Block Program Sample

Business Administration (A.S.)

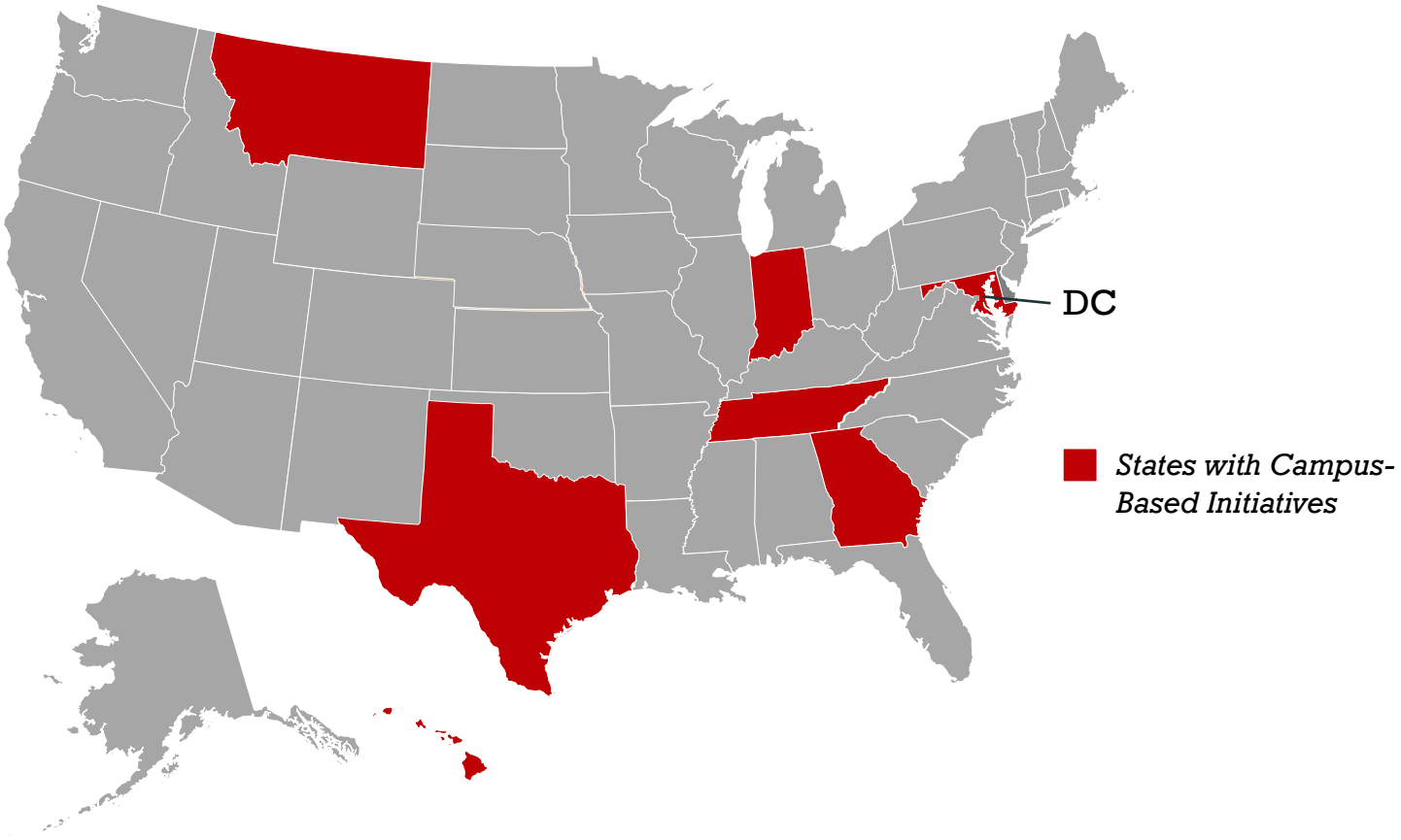
HOURS	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00-8:50 AM			ENGLISH COMPOSITION		ENGLISH COMPOSITION		
9:00-9:50 AM		BUSINESS COMMUNICATION		BUSINESS COMMUNICATION		INTRODUCTION TO HEALTH	
10:00-10:50 AM		MARKETING	COMPUTER FUNDAMENTALS	MARKETING	COMPUTER FUNDAMENTALS		
11:00-11:50 AM						ASAP SEMINAR	
12:00-12:50 PM		REVIEW SESSION	REVIEW SESSION	REVIEW SESSION			
1:00-1:50 PM							

TN Colleges of Applied Technology

- **Highly structured, block schedule** program
- More than **75%** of students **graduate,** at rate 3x higher than peers, even though slightly poorer and older
- Center has certificate programs have **job placement** rates of **80% or higher**

Structured Schedules

State Activity



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www.completecollege.org

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