

What we are learning about whole-college redesign through guided pathways

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NYS Guided Pathways Cohort II, Institute #1

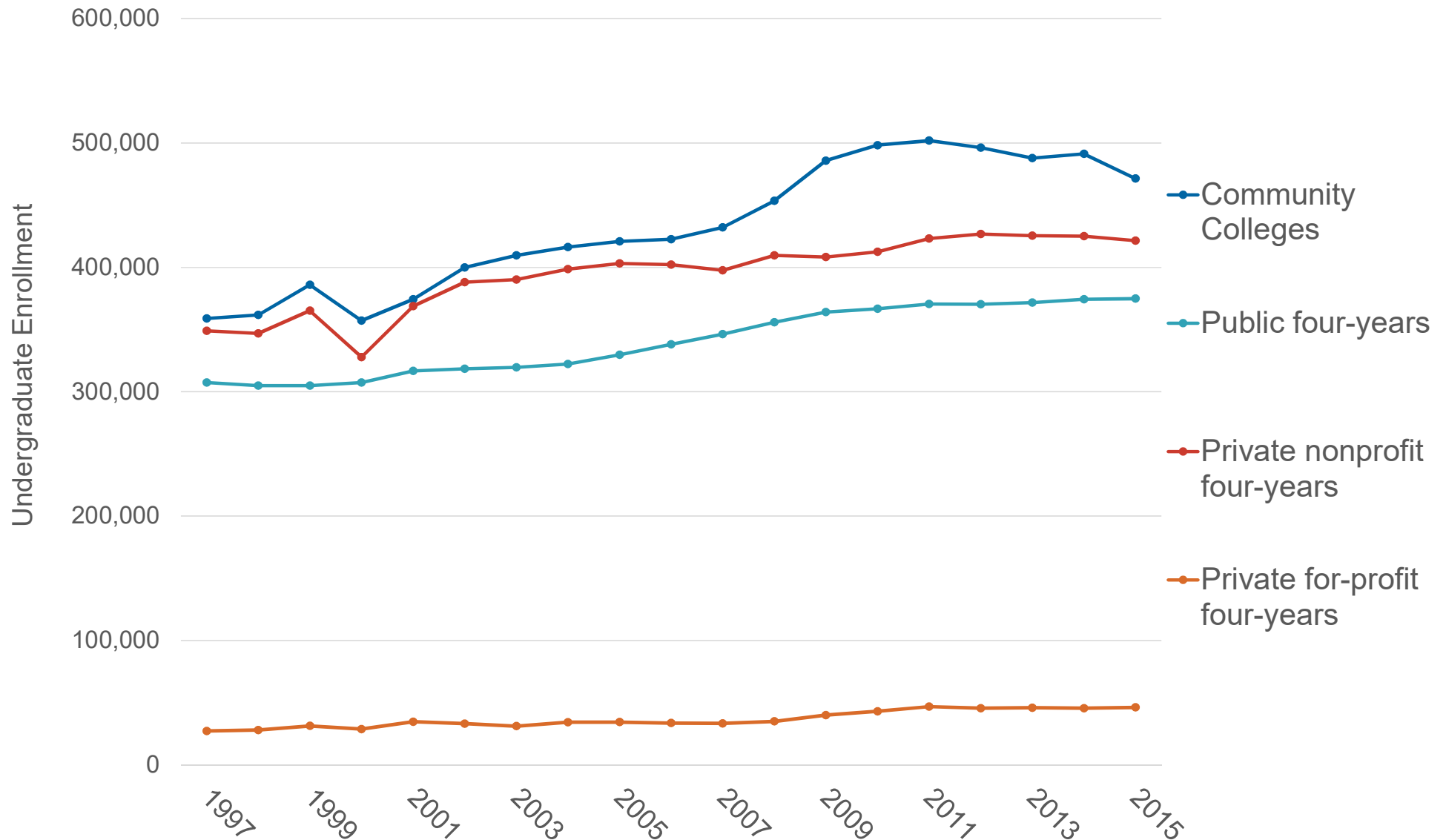
October 4, 2019

Agenda

- Setting the stage
- Thinking differently about student success
- What we are learning about implementing whole-college redesign
- Using leading indicators to measure and motivate whole-college reform
- Early adopters
- The predictive power of leading indicators

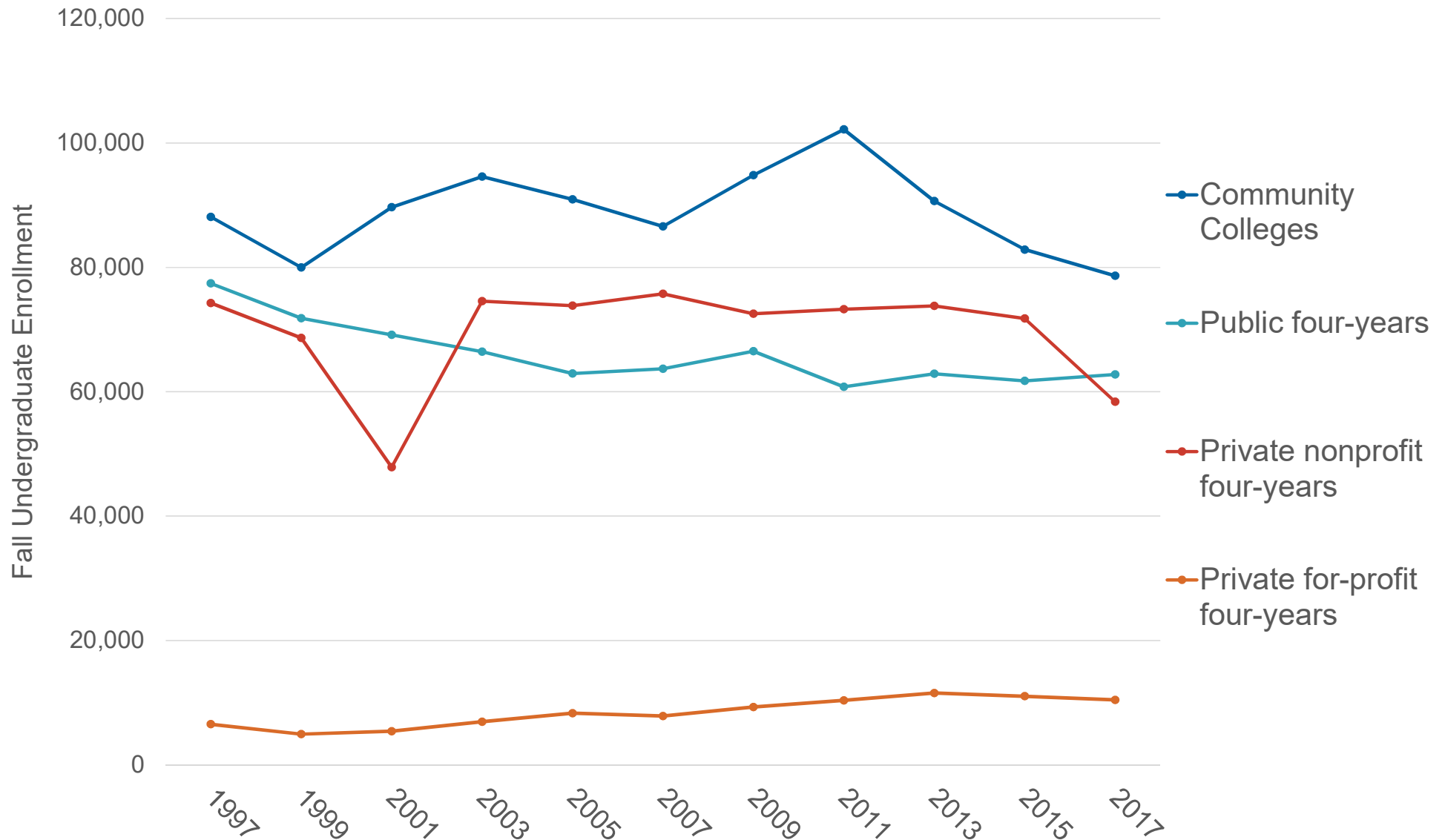
NY 12 Month Enrollment by Sector, 1997-2015

All Undergraduates



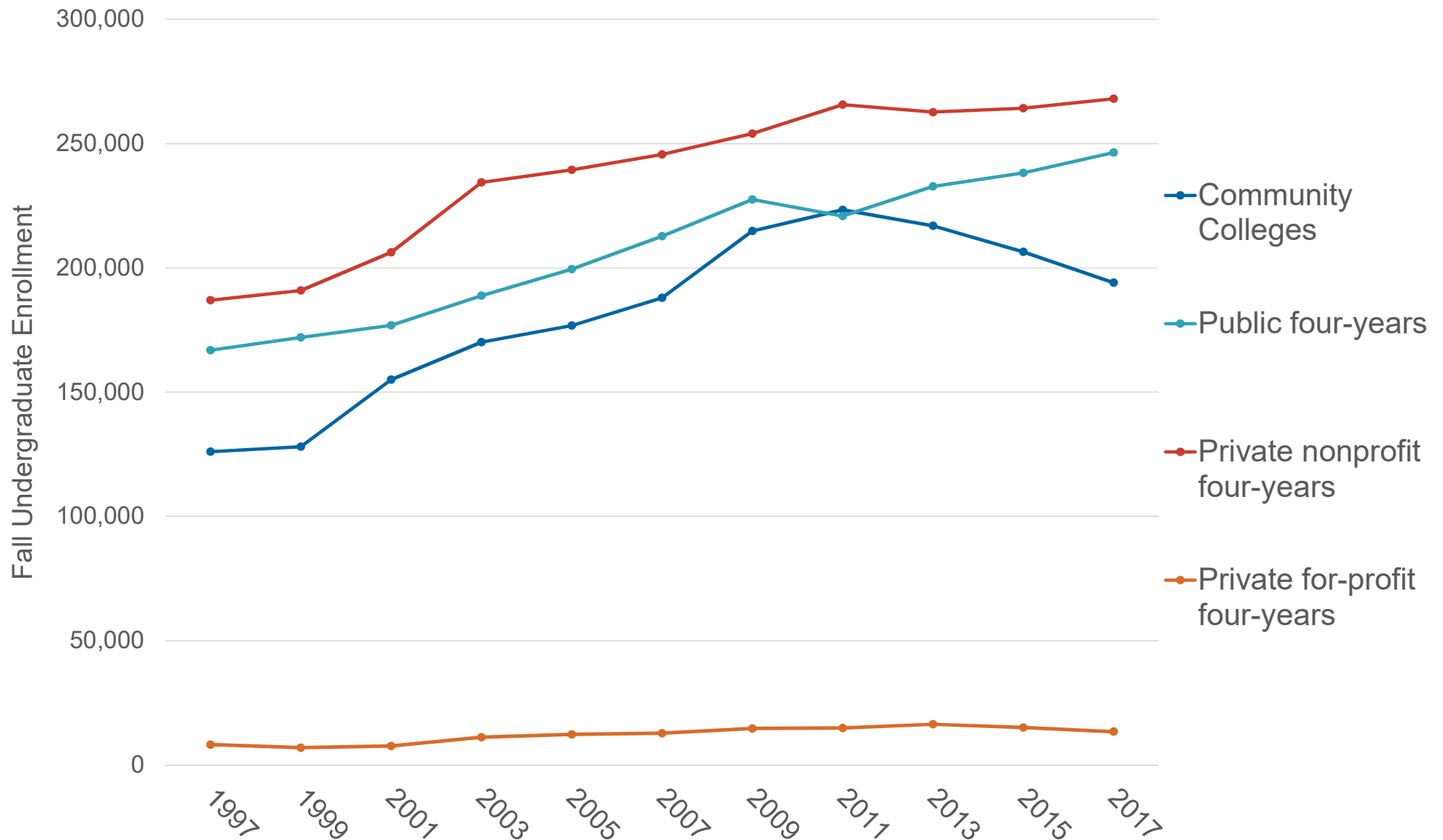
NY Fall Enrollment by Sector, 1997-2017

25 and older undergraduates



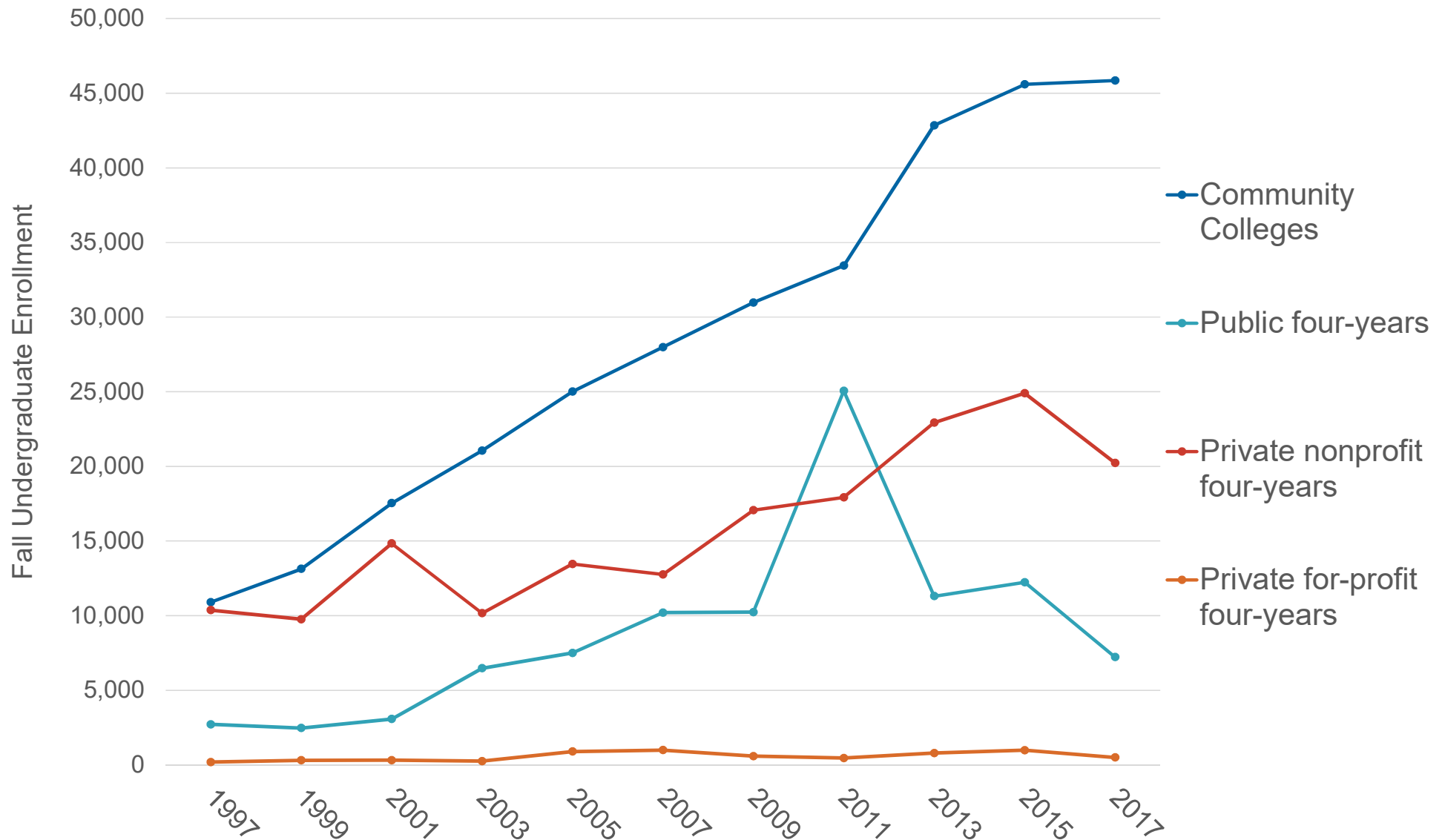
NY Fall Enrollment by Sector, 1997-2017

18-24 year old undergraduates

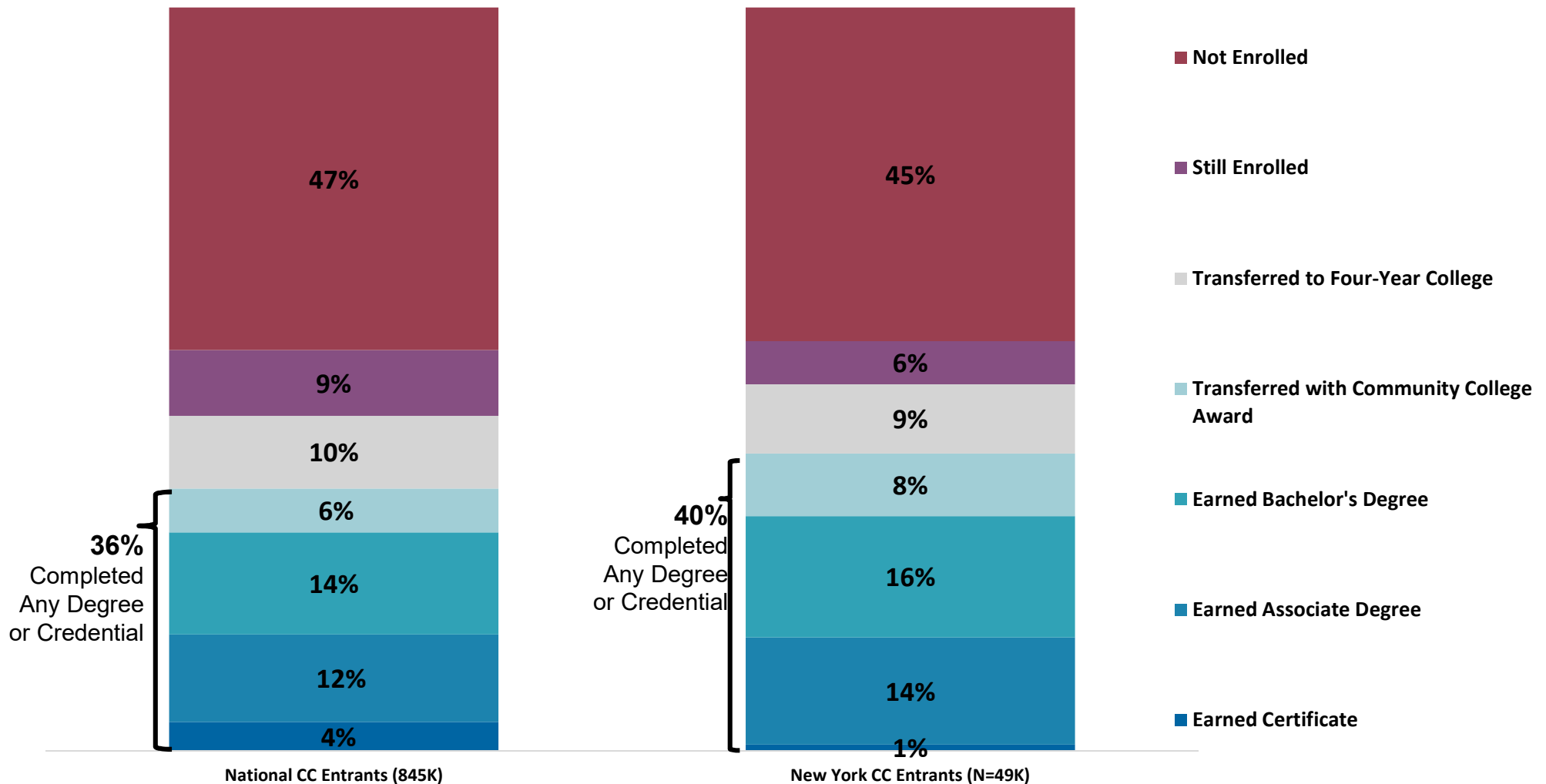


NY Fall Enrollment by Sector, 1997-2017

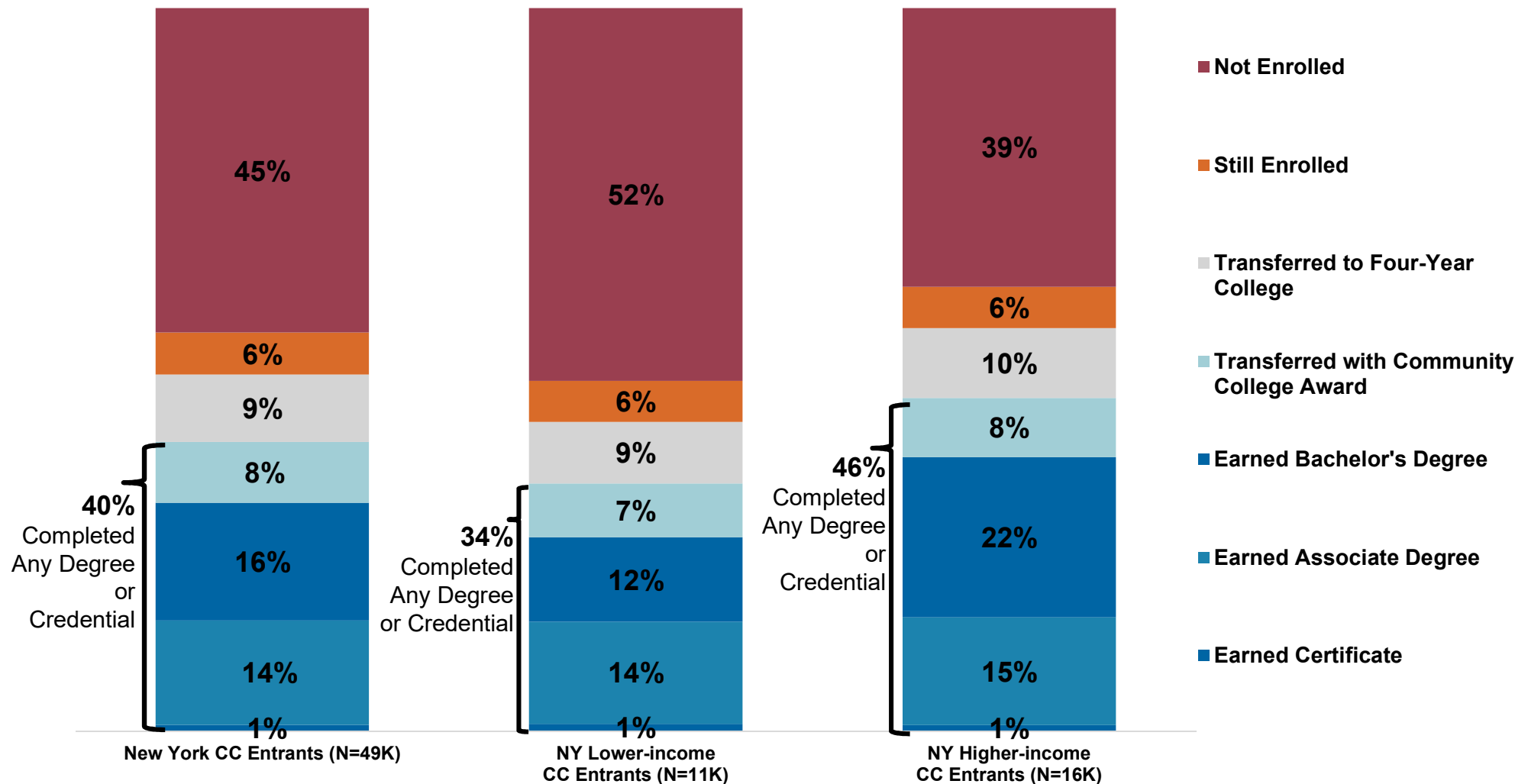
17 and younger undergraduates



Highest Outcomes in Six Years Among FTEIC Degree-Seeking Community College Students (Excluding Dual Enrollment Students)



New York: Highest Outcomes in Six Years by Income Among FTEIC Degree-Seeking Community College Students (Excluding Dual Enrollment Students)



New CC Business Environment

- State funding cuts → Students and families pay more
- Performance funding
- Traditional high school population declining
- Tight labor markets in many parts of the country
- Developmental education enrollment sharply declining
- Declining returns to skills training only; growing demand for degrees + skills + experience + contacts
- Increased competition (public 4-years, privates, online providers)

New CC Business Model

From: Cheap, accessible college courses for
gen ed transfer or technical training



To: Affordable programs leading to **degrees + skills + experience + contacts** needed
for livable wage, career-path employment

New Students Want To Know

- Which programs would be a good fit for me?
- What jobs that interest me can I get from your college?
- What credentials do I need for those jobs?
- What courses will I need to take?
- How long will it take and how much will it cost?
- Who can I speak with to learn about careers and programs of interest to me?

But, Institutions Drive Students Away

- Education paths to degrees, careers, and transfer are unclear
- Intake process discourages many students from enrolling
- New students not helped to explore options/interests, develop a plan
- Prerequisite dev ed sorts out students; fails to prepare for success in college-level courses
- Students' progress not monitored
- Colleges fail to schedule courses students need, when they need them
- Too few students experience active learning; instructors not helped systematically to adopt high-impact practices
- Students not helped to gain program-relevant experience

Guided Pathways: Thinking Differently About Student Success

Guided pathways mindset shifts



Cafeteria College

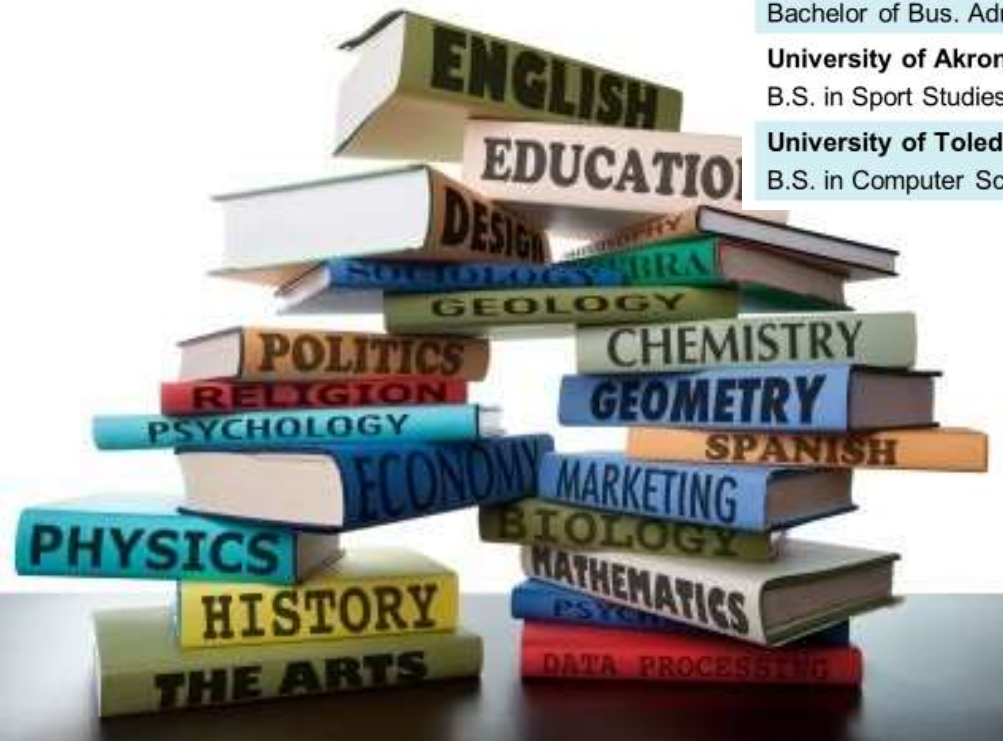


*Guided Pathways
College*

**From low-cost
courses...**

College/University	University Costs 4 Years With Room & Board	Bachelor's Degree Completion Cost through MyUniversity	Savings!
Ashland University B.S. in Education	\$157,416	\$32,798	79%
Bowling Green State University B.S. in Biology	\$75,400	\$11,745	84%
Cleveland State University B.A. in Psychology	\$85,227	\$12,525	85%
Hiram College B.A. in Accounting & Fin. Mgmt	\$160,600	\$24,554	85%
Kent State University Bachelor of Bus. Admin.	\$77,408	\$12,893	83%
University of Akron B.S. in Sport Studies	\$80,578	\$12,811	84%
University of Toledo B.S. in Computer Science & Eng.	\$83,177	\$15,726	81%

**...to affordable
programs, aligned
with career-path jobs
and further education**



From alphabetical program lists...

[ABOUT SRJC](#)
[ADMISSIONS](#)
[ACADEMICS](#)
[STUDENTS](#)
[CAMPUS LIFE](#)
[ADMINISTRATION](#)
[FACULTY / STAFF](#)
[FOUNDATION / ALUMNI](#)

[Associate Degree Information](#)
[Majors](#)
[Certificates](#)
[Advanced Search](#)
[Class Check](#)

ABOUT THE MAJOR REQUIREMENT

Select Major

Culinary Arts (AA)
Culinary Arts: Restaurant Management (AA)
Dance (AA)
Dental Hygiene (AS)
Diesel Equipment Technology (AS)
Dietetic Technician (AS)
Digital Media: 3D Modeling and Animation (AS)

[About](#)
[Admissions](#)
[Financial](#)
[Academics](#)
[Training](#)
[Alumni](#)
[Giving](#)

Search...

Join a Community!

More

Advanced Technologies

Explore programs related to hands-on technical training.

More

Business

Explore programs and careers related to the world of finance.

More

Education

Explore careers and programs related to education.

More

Healthcare

Explore programs and careers related to the health sciences.

More

Arts & Humanities

Explore programs and careers related to human culture and artistic expression.

More

Social Sciences

Explore programs and careers related to the human society and social relationships.

More

S.T.E.M.

Explore programs and careers in science, technology, engineering, and math.

More

...to academic
and career
communities

From course distribution lists...



Instructional Programs

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
- A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Obtainment of a minimum grade point average of 2.0.

ADT also requires that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is acceptable if pass is defined as a grade of C or better.

A.A.-T in Anthropology for Transfer (19 units)

Required Core (9 units)

ANTH-101 Physical Anthropology	3 units
or	
ANTH-101H Honors Physical Anthropology	3 units
ANTH-102 Cultural Anthropology	3 units
or	
ANTH-102H Honors Cultural Anthropology	3 units
ANTH-115 Introduction to Archaeology	3 units
<u>List A: Select one (3 units)</u>	
ANTH-104 World Prehistory	3 units
or	
ANTH-104H Honors World Prehistory	3 units
<u>List B: Select one to two (4 units)</u>	
ANTH-111 Physical Anthropology Lab	1 unit
ANTH-145 Introduction to Language and Linguistics	3 units
or	
ANTH-145H Honors Introduction to Language and Linguistics	3 units

List C: Select one (3 units)

ANTH-103A North American Anthropology
ANTH-103B Northwest American Anthropology
ANTH-103C Cultures of Latin America
ANTH-103D Latin American Anthropology
ANTH-103E Cultures of Latin America
ANTH-121/HIST-121

California I

ANTH-125 Magic, Witchcraft, and Sorcery

ANTH-201 Introduction to Archaeology

ANTH-205 Archaeology

ANTH-210 Archaeology

ENGL-205 World Folklore

or

ENGL-205H Honors World Folklore

ENGL-240 American Literature

or

ENGL-240H Honors American Literature

ENGL-280 Multiculturalism

or

ENGL-280H Honors Multiculturalism

Units for Major

CSU General Education

Possible double counting

Transferable Electives (as units)

Total Units for A.A.-T Degree

This Associate in Arts in Anthropology is intended for students who intend to transfer to a CSU to complete a major in Anthropology. Students who are guaranteed admission to a CSU may develop an educational plan that meets the transfer requirements.



Dental Hygiene Associate of Applied Science

Entry wage: \$57,978* Median wage: \$70,640* Job placement rate: 100%**

A day in the life

Dental hygienists usually work in dental practices. They examine and evaluate the health of patients' gums, expose dental x-rays, and clean patients' teeth. Hygienists also educate patients about good oral health.

Three reasons to consider this program.

1. Salaries are excellent. Few two-year degrees have as much earning potential.
2. Many hygienists work fewer than 35 hours per week while earning a good salary.
3. This is a great profession if you love to learn and to help people.

Before you sign up, make sure you understand...

1. Science, science and more science. You must love science to do well in this program.
2. Admission is competitive. A typical GPA for a dental hygiene student is about 3.7. Only 12 spots are available.
3. Courses such as English and speech will help you with your communication skills and ability to relate to patients.



...to program maps with
designated course sequences,
critical courses and milestones.

From job/transfer support for near completers...

Career Life Planning Model

Career life planning is a continuous lifelong process of identifying and reassessing your options in regard to the changing world of work and your personal needs as you experience life and transitions in life.



...to career/transfer exploration and planning for all students from the start.

From standardized tests to assess whether students are college-ready or not



...to holistic, multiple measures assessment of strengths/needs for all new students

From information dump at orientation...



...to support for major decisions along the path

Advising Checkpoints for Success Associate Degree

"Getting to Know You" - First Advising Session with Assigned Advisor

- ☐ Discuss transition into college life, which may include exploring skills, interests, goals, time management, and personal responsibility
- ☐ Establish a program objective that aligns with career goals and transfer plans (or explore meta majors if undecided) and review degree requirements (log transfer major and institution)
- ☐ Determine eligibility for SB1720 exemption; use Academic Profile to advise of developmental education options (make and log recommendations)
- ☐ Advise of accelerated credit options: Career Pathways, CLEP, AP, IB, AICE
- ☐ Create a personalized Guided Pathway (verify Foreign Language requirement)
- ☐ Discuss financial aid options, scholarship opportunities, and payment plan alternatives
- ☐ Familiarize student with IRSC technology, i.e. MyIRSC, Rivermail, and Blackboard
- ☐ Review other IRSC resources and services, i.e. Academic Support Center (ASC), RiverSupport Resources, Smarthinking, The River Shop, and RiverLife
- ☐ Check RiverSupport status and address any concerns regarding ReachOuts, if applicable

Checkpoint: 25-49% Benchmark

- ☐ Confirm program objective selection is current and still applicable to goals
- ☐ Explore overall experience, inside and outside of the classroom, including the use of IRSC technology, resources, and services
- ☐ Follow-up on any pending discussion points from previous meeting
- ☐ Review degree audit and modify Guided Pathway if necessary
- ☐ Check RiverSupport status and address any concerns regarding ReachOuts, if applicable

Checkpoint: 50-74% Benchmark

- ☐ Assist with making plans for transfer or continuation of studies at IRSC
- ☐ Follow-up on any pending discussion points from previous meeting
- ☐ Review degree audit and modify Guided Pathway if necessary
- ☐ Check RiverSupport status and address any concerns regarding ReachOuts, if applicable

Checkpoint: 75%+ Benchmark

- ☐ Review remaining degree requirements to ensure that student is on track for graduation
- ☐ Finalize plans for transfer or continuation of studies at IRSC
- ☐ Refer to Career and Transition Services for resume development and mock interviewing
- ☐ Check RiverSupport status and address any concerns regarding ReachOuts, if applicable
- ☐ Discuss barrier-free graduation and advise of commencement opportunity

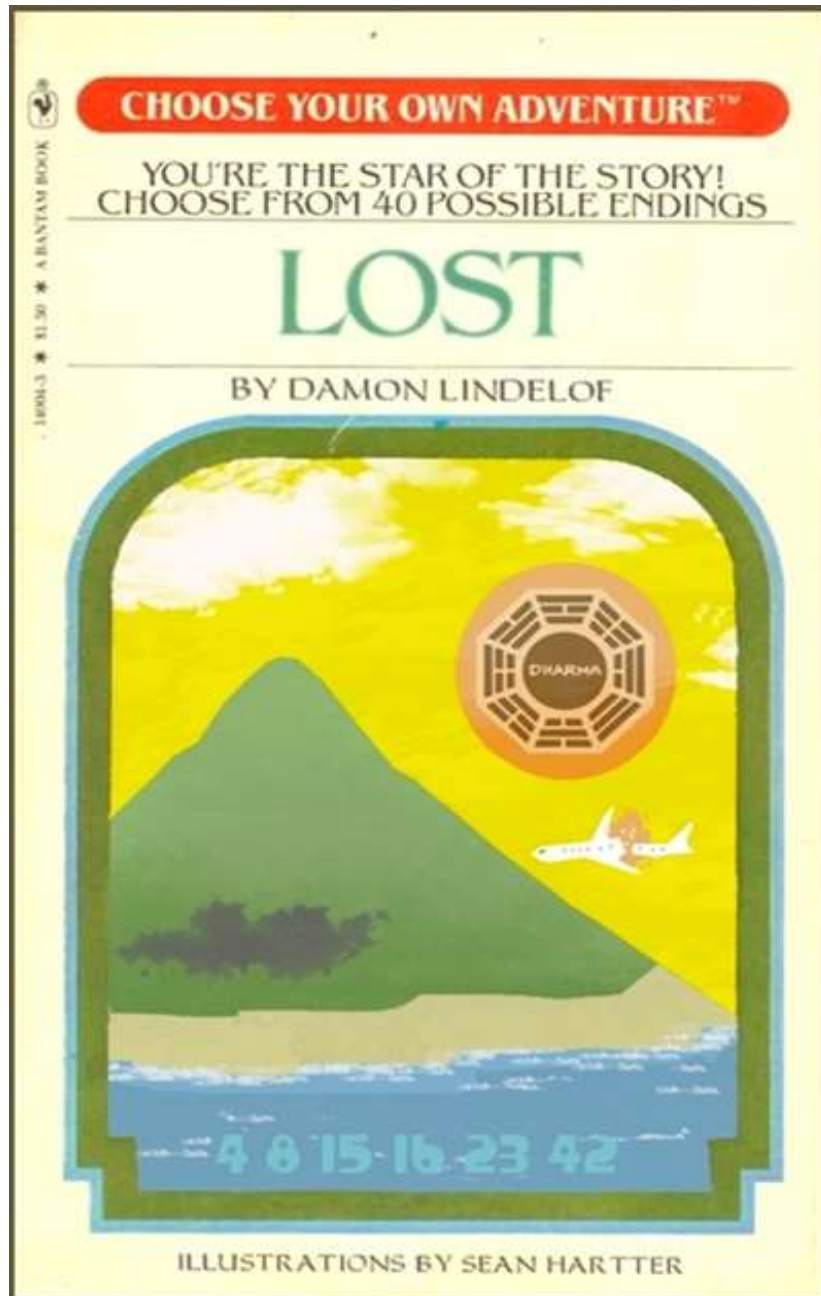
FRESHMAN (0-29 credits*)

*Credits Toward Program

SOPHOMORE (30-60+ credits*)

*Credits Toward Program

From students self-advise during registration each semester...



...to advisors monitor progress,
must approve changes to the plan

From teaching individual classes...



**...to teaching knowledge & skills across programs
and providing real-world experience toward further
education/work**

What we are learning about implementing whole-college redesign

Guided Pathways Essential Practices

1 Clarify paths to student end goals

- Meta-majors
- Program maps
- Career + transfer information
- Math pathways

2 Help students get on a path

- Early career/transfer exploration
- Academic and financial plan
- Integrated & contextualized academic support

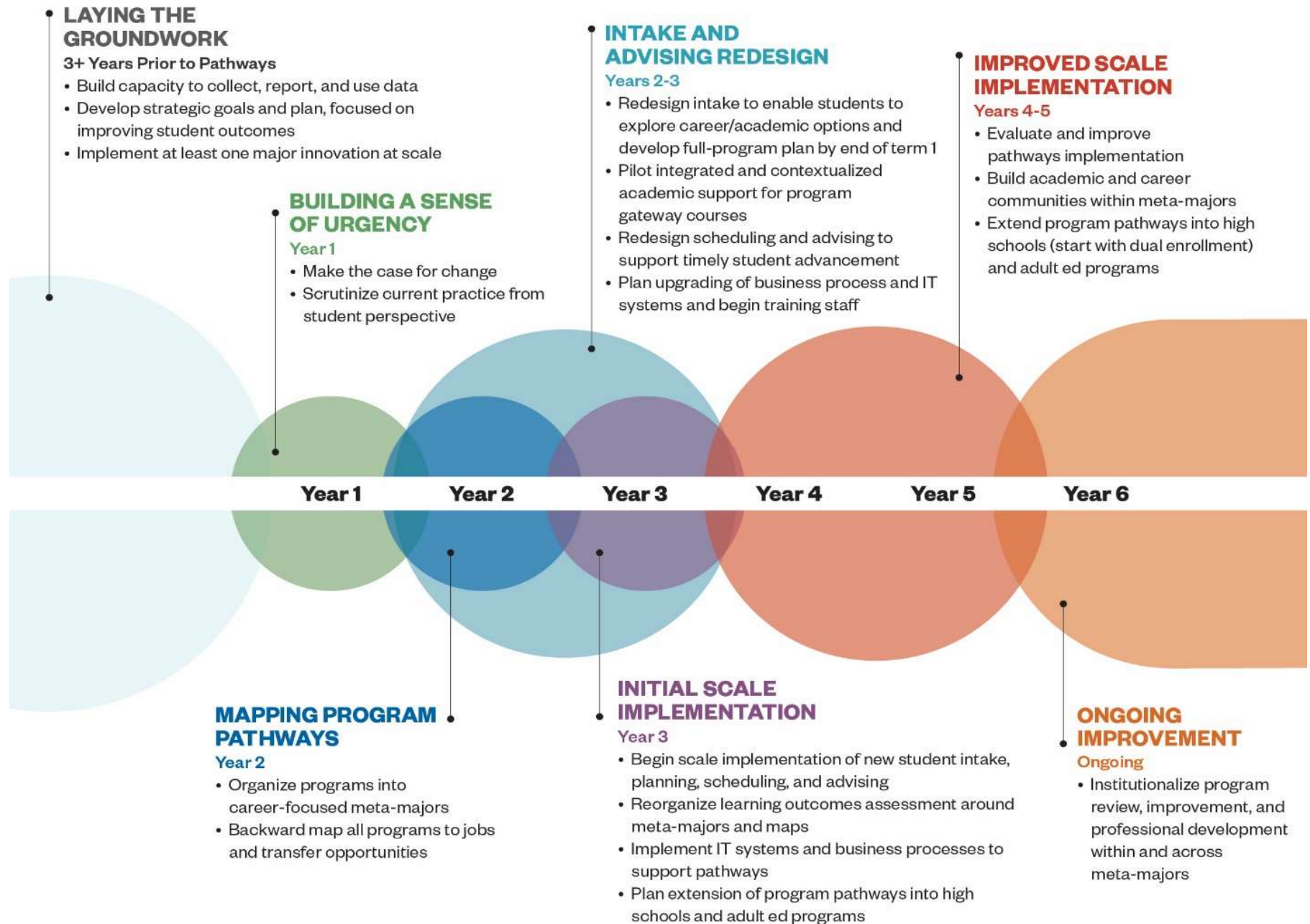
3 Keep students on path

- Monitoring progress on plan
- Intrusive support
- Frequent feedback
- Predictable scheduling

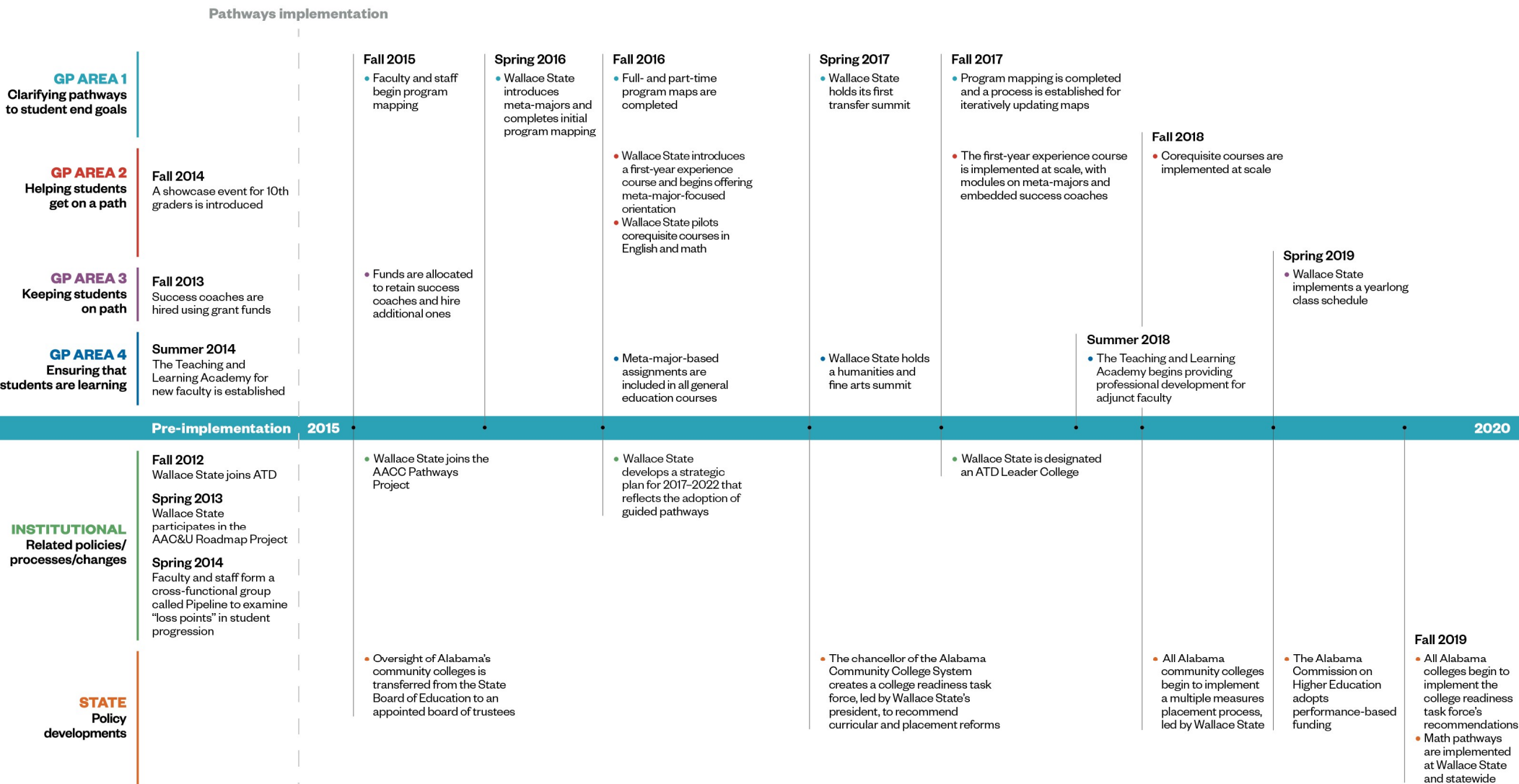
4 Ensure students are learning

- Field-specific learning outcomes
- Active learning throughout
- Field-relevant experiential learning

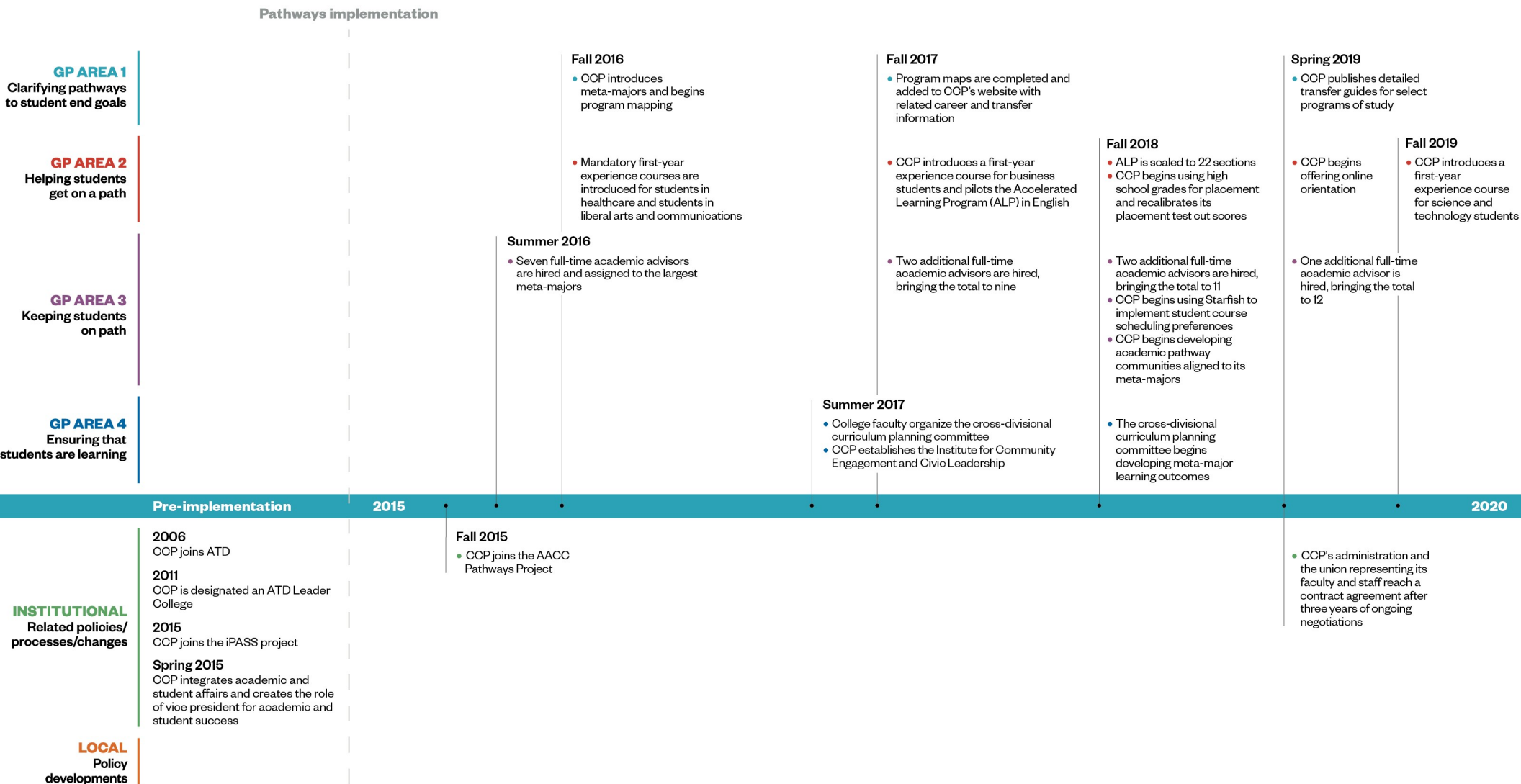
Idealized Timeline for Implementing Guided Pathways at Scale



Timeline of Guided Pathways Implementation Activities at Wallace State Community College



Timeline of Guided Pathways Implementation Activities at Community College of Philadelphia



As our research focus has evolved,

What

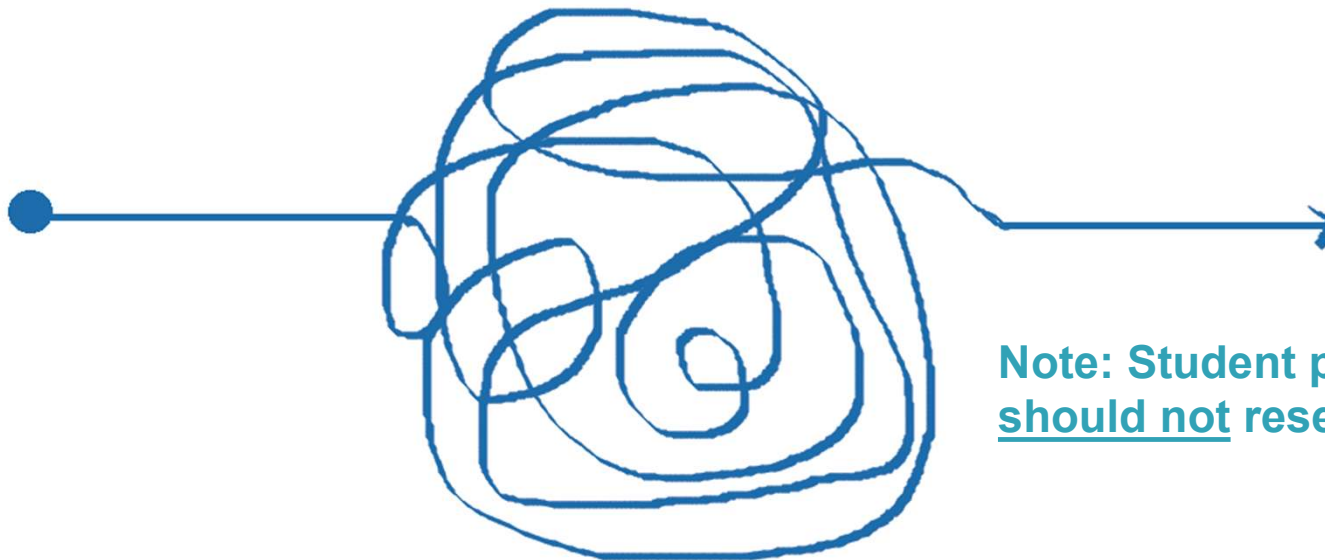
(essential practices)



How

(change process)

our understanding of guided pathways implementation has become more complex.



Note: Student program pathways should not resemble this figure.

Timeline and Strategies for Leading Guided Pathways Redesigns

Pathways implementation

Laying the Groundwork for Whole-College Redesign 2+ Years Prior to Pathways

- Build awareness that college creates barriers to student success and that only large-scale, cross-college reforms will remove them
- Build a culture of data-informed practice
- Reorganize decision-making roles and structures to facilitate broad engagement in planning and implementing improvements
- Foster individual accountability for contributing to the college's goals for student success
- Encourage creativity and experimentation in developing strategies to improve student success
- Provide time and support for collaborative planning and professional development

Introducing Guided Pathways to the College Community Starting in Year 1

- Make the case for guided pathways by showing how a lack of clear program paths and supports hurts students
- Communicate a guiding vision for the reforms
- Cultivate a shared understanding of guided pathways through college-wide in-person meetings and virtual communication
- Allow time for reflection and deliberation
- Present guided pathways as a framework for aligning and enhancing existing student success efforts

Supporting Collaborative Planning and Implementation Starting in Years 2 – 3

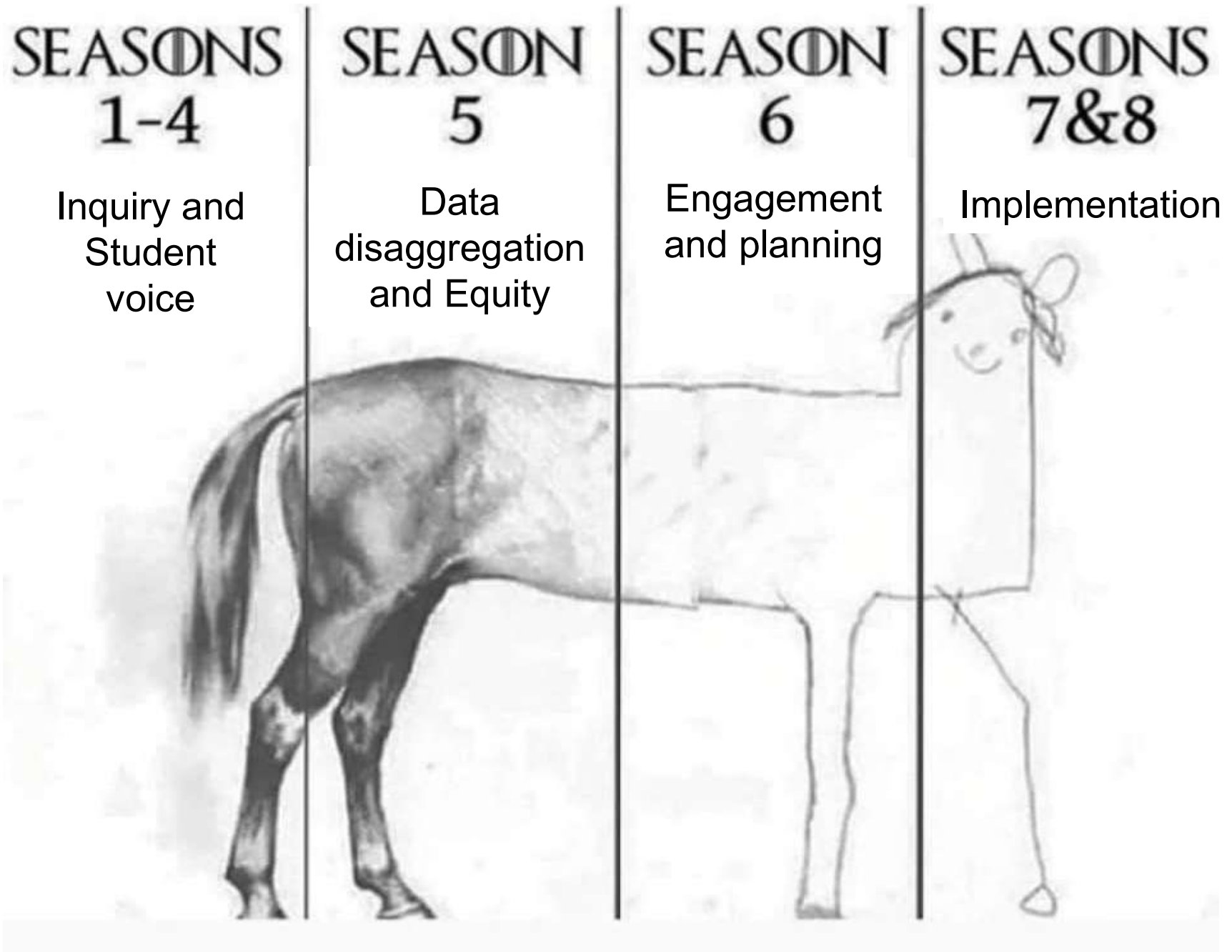
- Support cross-functional leadership and collaboration to plan and implement pathways
- Engage faculty and staff from across divisions in mapping program pathways to good jobs and transfer in a major
- Ask staff and faculty to map the entire student experience—both the status quo and what it should be
- Identify and support change leaders throughout the college



Sustaining and Institutionalizing Student Success Reforms Starting in Years 4+

- Take time to celebrate wins, reflect on progress, and plan next steps
- Reallocate and align resources to help scale and sustain effective practices
- Ensure that employee hiring, onboarding, and promotion practices support a culture focused on improving success for all students

Lessons on Leading College Redesign

- Redesigning colleges on guided pathways model is **a big technical challenge, but even bigger cultural one**
- Effective leaders lay the groundwork: a) engage stakeholders across college in examining **barriers the college creates** to student success, b) **develop vision and goals** for improving experience for all students; c) **empower teams to plan and design innovations at scale**
- Critical importance to implementation of well-managed cross-functional teams
- Critical importance to redesign of broad engagement in **program and student experience mapping** (status quo and desired)
- Challenge: **creating time and resources** for reflection, design, planning, professional development and evaluation
- Challenge: **sustaining and institutionalizing innovation** in face of turnover, uncertain policy/fiscal environment; exhaustion



REPORT	SEPTEMBER 2019	SEPTEMBER 2019	SEPTEMBER 2019	SEPTEMBER 2019	SEPTEMBER 2019
Redesigning Your College Through Guided Pathways: Lessons From Community Colleges in the AACC Pathways Project <i>By Davis J. Davis</i>	From the Front Lines: A Guide to Guided Pathways <i>By Davis J. Davis</i>	Wallace State Community College: A Case Study in Guided Pathways <i>By Magda L. Magda</i>	Community College Guided Pathways: A Case Study in San Diego <i>By Davis J. Davis</i>	Building a Pathway: How to Set Up a Guided Pathway <i>By Hana Lahr</i>	Approaching Institutional Change With Clarity and Commitment Guided Pathways at Wallace State Community College <i>By Amy E. Brown and Hana Lahr</i>
SERIES 1	SERIES 2	SERIES 3	SERIES 4	SERIES 5	SERIES ON CHANGE MANAGEMENT AT AACC PATHWAYS COLLEGES: CASE STUDY 5 OF 5
					 <p>In fall 2018, CCRC researchers conducted site visits at eight community colleges implementing guided pathways to learn how they are managing the whole-college change process involved. These colleges are among the 30 nationally that were in the first cohort of the American Association of Community Colleges (AACC) Pathways Project, a national demonstration initiative that was launched in late 2015 to show how community colleges could create clearer pathways to program completion, employment, and further education for all students.</p> <p>Our full report on this study, <i>Redesigning Your College Through Guided Pathways: Lessons From Community Colleges in the AACC Pathways Project</i>, synthesizes lessons from all eight colleges we visited and shares new findings on how long it takes to implement guided pathways at scale. Here, we provide a case study of Wallace State Community College in Alabama. During a two-day site visit to the college, CCRC researchers conducted one-hour interviews with 14 faculty members, administrators, advisors and counselors, and other staff. Researchers also held hour-long focus groups with 15 additional faculty members, advisors and counselors, and students at the college. Based on the data we collected, in this report we describe the organizational change work that has enabled Wallace State's exceptional progress in redesigning academic programs, student services, and related support systems using the guided pathways model.</p>
CCRC TEACHERS COLLEGE, COLUMBIA UNIVERSITY	CCRC TEACHERS COLLEGE, COLUMBIA UNIVERSITY	CCRC TEACHERS COLLEGE, COLUMBIA UNIVERSITY	CCRC TEACHERS COLLEGE, COLUMBIA UNIVERSITY	CCRC TEACHERS COLLEGE, COLUMBIA UNIVERSITY	CCRC TEACHERS COLLEGE, COLUMBIA UNIVERSITY

Using leading indicators to measure and motivate whole- college reform

Leading Indicators	Lagging Indicators
Formative Assessment	Summative Assessment
Measurable in a short time period	Not measurable in a short time period
Primary Goal: Improvement (Internal)	Primary Goal: Accountability (External)
Predictive of longer-term outcomes	Captures ultimate goals and outcomes
First year student momentum <ul style="list-style-type: none"> • Credit accumulation • Gateway course completion • Course completion and persistence through the first year • Program Momentum 	Student outcomes <ul style="list-style-type: none"> • Transfer and credential completion • Cost and time to degree • Labor market outcomes

GP Leading Indicators: **Early Momentum**

a) **Credit momentum:**

1. Earned 6+ credits in 1st term
2. Earned 12+ credits in 1st term
3. Earned 15+ credits in Year 1
4. Earned 24+ credits in Year 1
5. Earned 30+ credits in Year 1

b) **Gateway Course momentum:**

6. Passed college English in year 1
7. Passed college math in year 1
8. Passed college English & math in year 1

c) **Program momentum** – Percent of students who pass at least 9 college-credit hours in the their field of study in the first year

d) **Persistence and College Course Completion EMMs**

9. Persisted from term 1 to term 2
10. Total college credits attempted
11. Total college credits completed
12. Credit pass rate

Early Momentum Mindsets

Credit momentum:

- From full-time vs. part-time to “on-plan” vs. “off-plan”

Math and English gateway momentum:

- From academic assessment to holistic assessment
- From prerequisite remediation to corequisite support

Program gateway momentum:

- From job/transfer help for near completers to career exploration and planning from the start
- From gen ed to meta-majors
- From algebra and English gateways to critical program courses

Persistence:

- From next term schedule to full program plan
- From scheduling available courses to scheduling plan courses

Early Adopters

Alamo College District

Pathways - AlamoINSTITUTES

Goal: Every student seeking a baccalaureate degree will be successful.

Strategy:

- ✓ Students choose a pathway
- ✓ A customized pathway is created for each student based on the pre-major and requirements at the university of choice





AlamoINSTITUTES

NORTHEAST LAKEVIEW COLLEGE • NORTHWEST VISTA COLLEGE • PALO ALTO COLLEGE

— My journey —
Designed
— for me! —



Creative & Communication Arts

Choose a career that lets you **EXPRESS YOURSELF** – as an art director, artist, graphic designer, actor, choreographer, dancer, musician, broadcast news analyst, editor, photographer, technical writer, reporter, fashion designer, desktop publisher, craft artist, multimedia artist, camera operator.



Business & Entrepreneurship

Choose a career that lets you **TAKE THE LEAD** – as a manager, computer and information systems manager, human resources manager, management analyst, event planner, audit clerk, executive assistant, procurement clerk, financial advisor, budget analyst, actuary, credit analyst, foods service manager, chef, travel guide, real estate broker, public relations specialist.



Health & Biosciences

Choose a career that lets you **MAKE A DIFFERENCE** – as a nurse, dental hygienist, physician, pharmacy technician, psychiatrist, radiologic technologist, surgical technologist, phlebotomist, biomedical engineer, veterinary technician, speech-language pathologist, physician assistant, physical therapist, respiratory care technician, invasive cardiovascular technician, occupational therapy assistant.



AlamoINSTITUTES & HS ENDORSEMENTS

— Continue your journey designed for you! —

HS Endorsement --> AlamoINSTITUTES --> Sample Career:

Arts & Humanities

Multidisciplinary Studies



Creative & Communication Arts

Technical Writer


Jobs Projected in Texas by 2024:
5,040

You will need:
a Bachelor's degree



Average Pay: **\$70,009**

Business & Industry

Multidisciplinary Studies



Business & Entrepreneurship



Advanced Manufacturing & Logistics

Construction Manager


Jobs Projected in Texas by 2024:
45,030

You will need:
a Bachelor's degree



Average Pay: **\$93,609**

Public Service

Multidisciplinary Studies



Public Service

Elementary School Teacher


Jobs Projected in Texas by 2024:
172,990

You will need:
a Bachelor's degree



Average Pay: **\$52,813**

STEM

Science, Technology, Engineering & Mathematics



Science & Technology



Health & Bioscience

App Developer


Jobs Projected in Texas by 2024:
63,120

You will need:
a Bachelor's degree



Average Pay: **\$99,827**

NORTHEAST LAKEVIEW COLLEGE • NORTHWEST VISTA COLLEGE • PALO ALTO COLLEGE • SAN ANTONIO COLLEGE • ST. PHILIP'S COLLEGE

Connection
WELCOME/ADVISING CENTERS

Entry
COLLEGE SUCCESS

Progress
FACULTY ASSIGNED
WITH MAJOR

Completion
CAREER & GRAD.
CENTERS

PRE-COLLEGE—0 HOURS

- **AlamoENROLL**—Provides enrollment guidance to prospective students through cross-college website including:
 - Steps to Enrollment Checklist
 - Open Modules
 - Ready, Set, Apply
 - Intro to College and **AlamoINSTITUTES**
 - Financing Your Future
 - Test 101
 - Resources/Computer labs
- **AlamoINSTITUTES**—Provide advising information regarding career pathways
 - Health & Biosciences
 - Advanced Manufacturing & Logistics
 - Science & Technology
 - Public Service
 - Creative & Communication Arts
 - Business & Entrepreneurship
- **Early Colleges/Academies**—Course enrollment in Fr/Sr through assigned advisor.
- **Dual Credit**—Course enrollment in Jr/Sr year through assigned Advisor.
- **College Connection**—Guide through enrollment process, including completion of ApplyTexas, FAFSA Application, TSI and **AlamoENROLL** modules.
- **Grad Guru** downloaded

ACTIONS: Assign Connection Advisor

METRICS: Number of Apply Texas Submitted
(Analyst) Number of DC/EC Enrolled
DC/EC Term Retention

BADGES:  Welcome

0–31

INITIAL ENROLLMENT—1ST SEMESTER

- **New Student Orientation/Convocation**—Orient
 - Provide Academic Advising Syllabus (0–31 hours)
 - Assist with scheduling & registering for classes
 - Orient students to Degree Plans via Alamo GPS
 - Online Web Registration assistance available
 - **AlamoINSTITUTES** / major course of study
 - Identify **ACOL/PLA**
- **Post Assessment Advising**—TSI score interpretation
- **Academic Refreshers**—INRW and math
- **Post Refresher Advising**

1ST SEMESTER

- Instruction on College Success (**SDEV Course**)
- Advisor utilizes **Canvas** to connect with assigned students
- Assist students in choosing their major using **MyAlamoCareer.org** and **Career Coach**—virtual centers, Alamo Colleges and local job market
- **AlamoINSTITUTES** utilized
- Provide students with a plan to earn a certificate or degree
 - Complete ISP via Alamo GPS.
- Advise and register students into appropriate classes
- Early Alert & Smart Start utilized
- Advisor determines Faculty integration (12–31 hours)

2ND SEMESTER

- Confirm students' plan to earn a certificate or degree
- Advise and register students into appropriate classes
- Early Alert & Smart Start utilized

ACTIONS: Certified Advisor Assigned/PIN Given, Institution

METRICS: FTICS Enrolled
Productive Grade Rate (PGR)

BADGES:  College Ready, 15 Hours, 30 Hours

31+ HOURS

2ND YEAR—GRADUATION


- Faculty teamed with an advisor through Degree or Certificate completion via GPS.
- Provide Academic Advising Syllabus (31+ hours)
- Advising regarding course selection is offered through Group or Individual Sessions to understand the requirements of chosen major at transfer university.
- Major Mixers/Major Mania Events
- Provide positive feedback at primary success points.
- Graduation and Transfer Initiative—Experiential/Career Centers & Faculty Mentors work in tandem to advise, graduate students and proclaim their transfer university (review their degree plan/ISP, and consider transferring to a university)

ADVISING CENTERS (19 Teams)

- Advising regarding course selection is offered through Group or Individual Sessions to understand major requirements.

ACTIONS: Faculty Mentor Assigned


METRICS: # of Certificate & Core Completers
Number of Art. Agreements

BADGES:  Core Complete

2ND YEAR—GRADUATION

- Assist students (42+ Hours/ Core Complete) in Degree Audits via Alamo GPS
- Faculty advise students during semester on how to be successful in classes.
- Coordinate the Academic Achievement Events, Career/ Scholarship Fairs, Transfer Fairs, and Graduation Event/ Festival.
- Graduation Survey
- Reverse Transfer

ACTIONS: Number of Degrees
Number of Certificates

BADGES:  Cert., Degree, Alum

**YOU
COMPLETED
30
HOURS!**



**BUSINESS & PUBLIC SERVICE
INSTITUTE**



**CREATIVE & COMMUNICATION ARTS
INSTITUTE**



**HEALTH & BIOSCIENCES
INSTITUTE**



**SCIENCE & TECHNOLOGY (STEM)
INSTITUTE**

Congratulations!

You are halfway to completing your degree.

Important milestones that should be completed:

- Review and affirm your Individual Success Plan (ISP)
- Research transfer institutions and be familiar with their application process and deadlines, financial aid and scholarship opportunities, and housing options
- Continue career research
- Review academic standing and GPA
- Research future internships that may support your career goals
- Identify where you intend to transfer
- Understand 30 Hour Advising PIN

In progress/ next steps:

- Continue researching transfer institutions
- Continue career exploration
- Understand how Summer Momentum Plan affects you
- Use support services to help reach your goals
- Maintain consistent communication with your Certified Advisor
- Meet with your Certified Advisor each semester

This certificate hereby affirms that you, _____, are on your way to completing your educational goals!

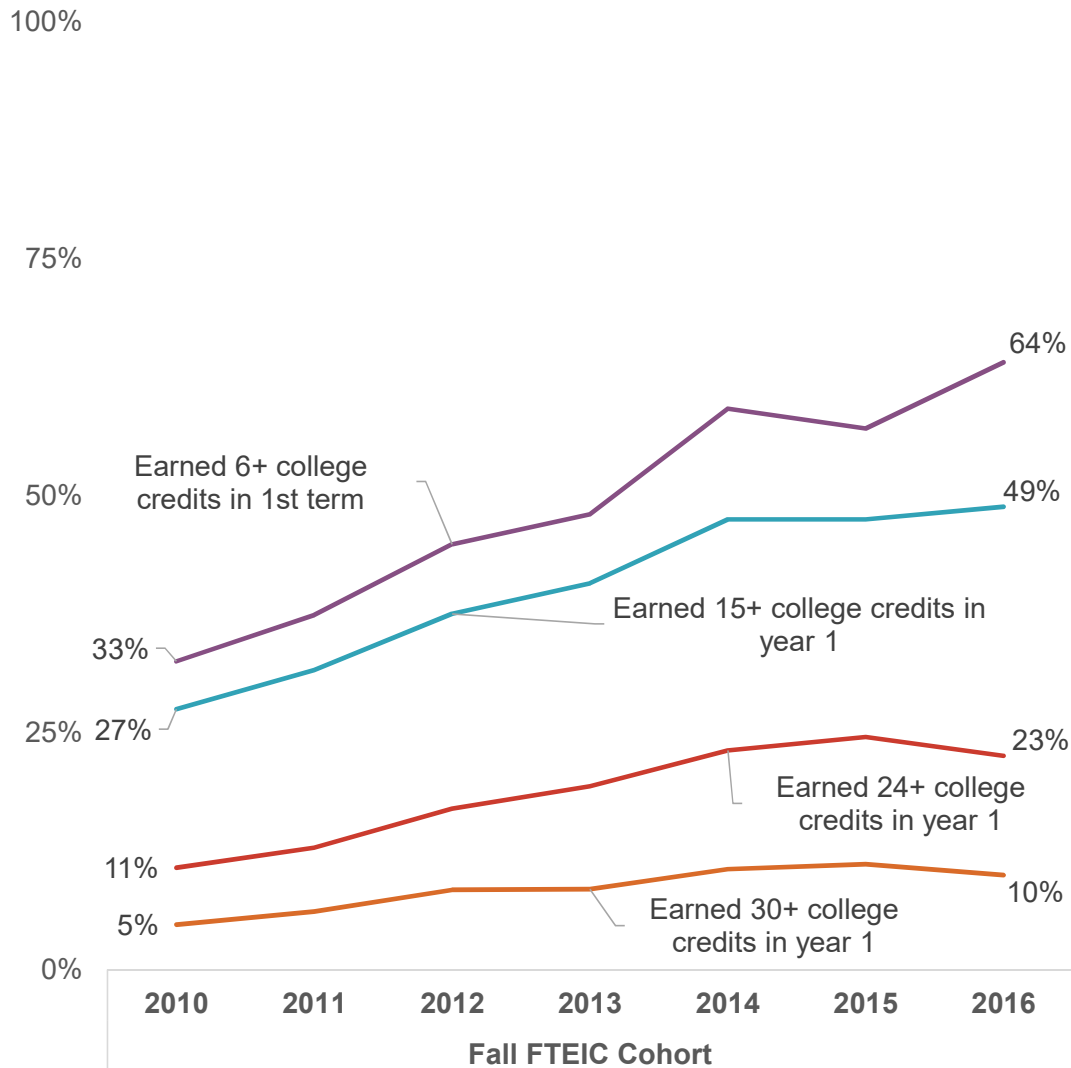
Certified Advisor Signature



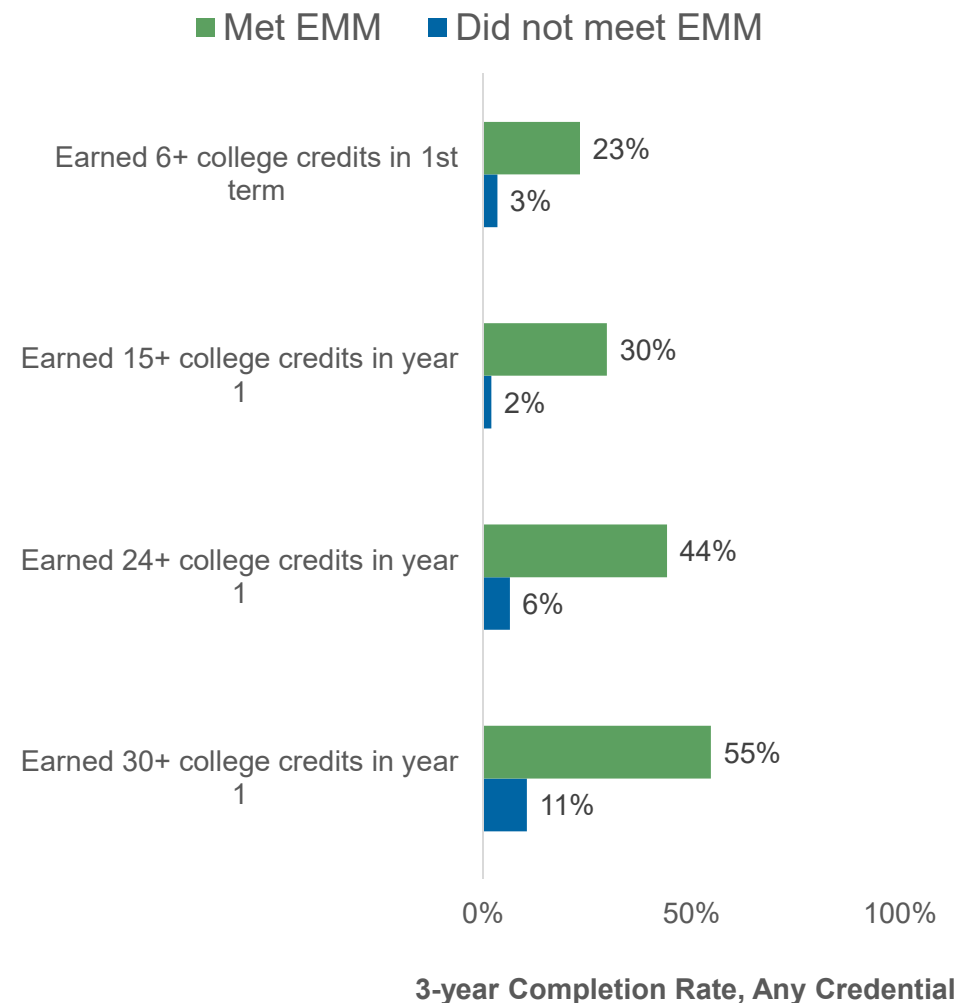
**ALAMO COLLEGES DISTRICT
San Antonio College**

ADVISING PIN# _____
(NA if not applicable)

Alamo Colleges Credit Momentum EMMs

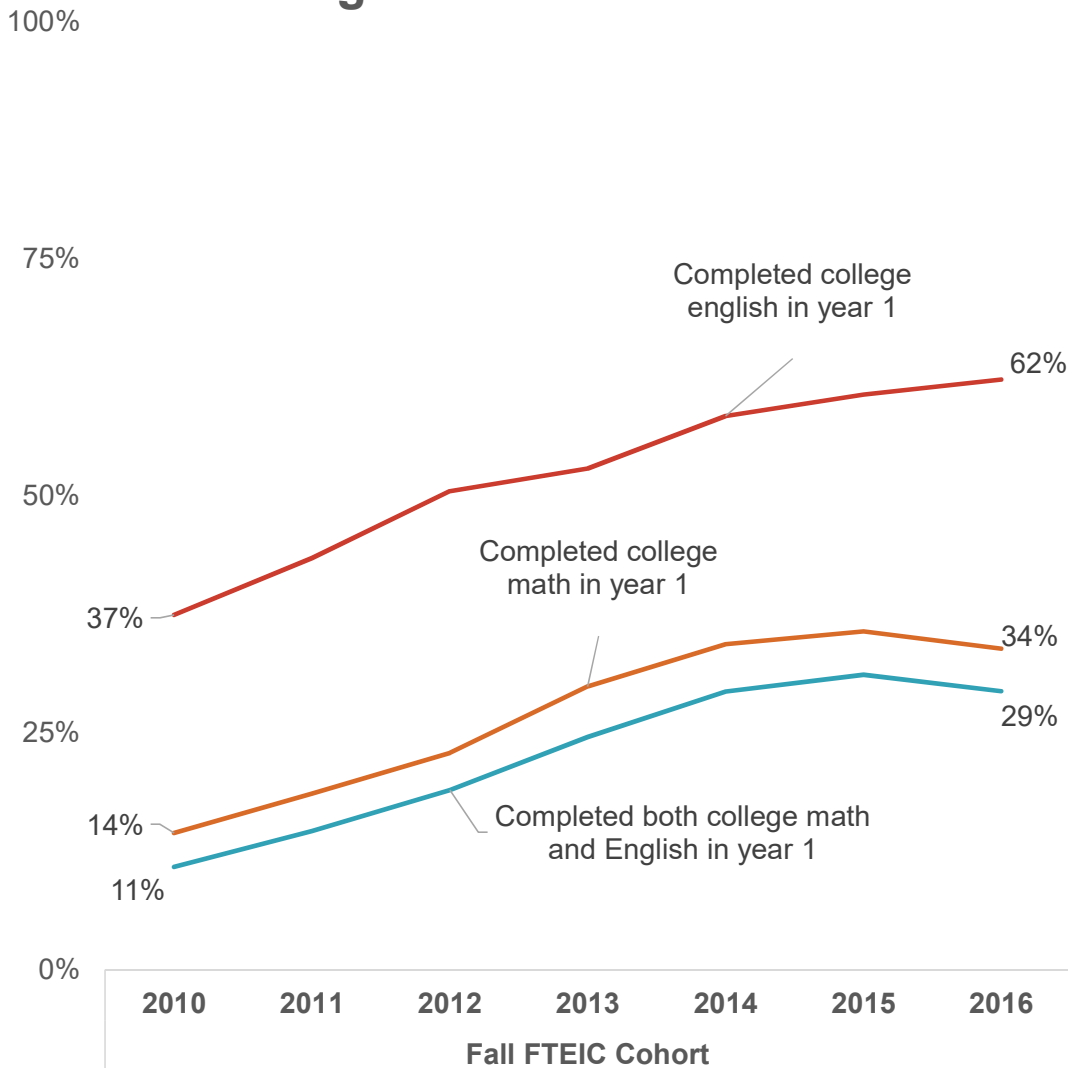


Alamo Colleges 3-year Completion Rates by EMM Status



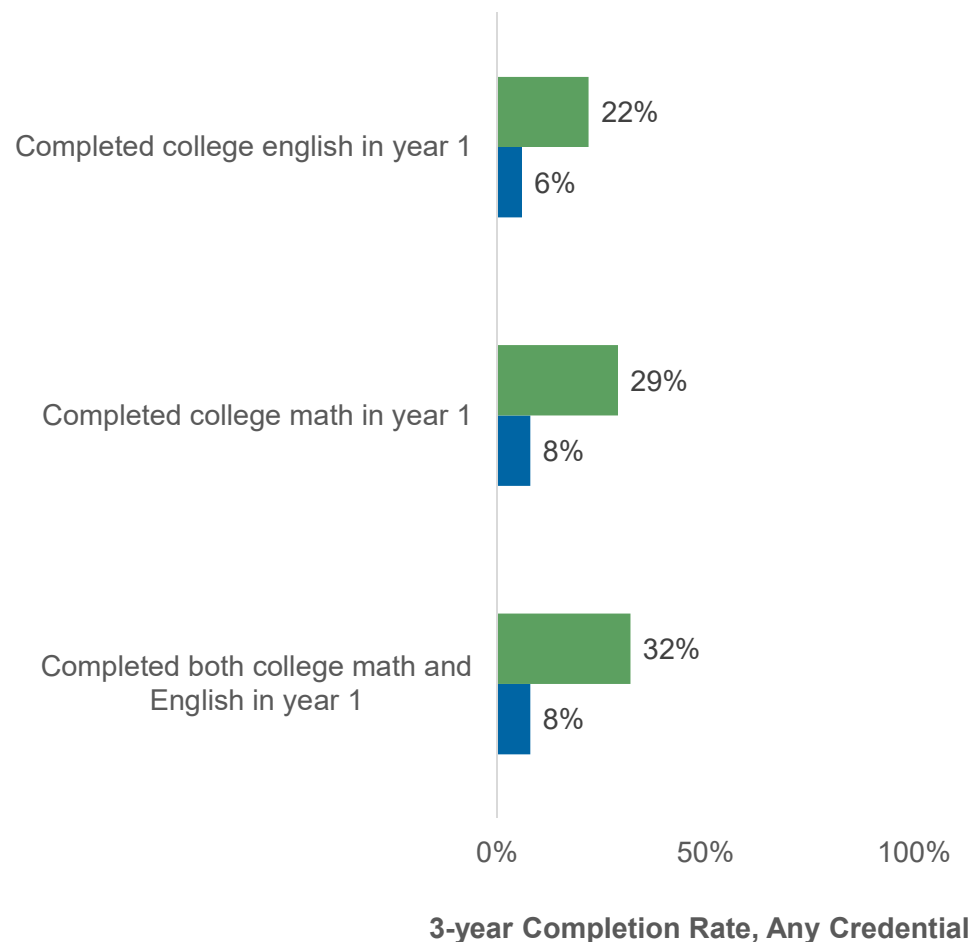
Note. Trends in Alamo Colleges Credit Momentum EMMs are shown in the left panel. The right panel shows completion rates for fall 2014 FTEIC entrants at Alamo Colleges who completed any college credential (from any institution) within three years, disaggregated by whether or not students met the particular EMM definition in their first year.

Alamo Colleges Gateway Math & English Momentum EMMs



Alamo Colleges 3-year Completion Rates by EMM Status

■ Met EMM ■ Did not meet EMM



Note. Trends in Alamo Colleges Gateway Math and English EMMs are shown in the left panel. The right panel shows completion rates for fall 2014 FTEIC entrants at Alamo Colleges who completed any college credential (from any institution) within three years, disaggregated by whether or not students met the particular EMM definition in their first year.

Early Adopters

Tennessee Community Colleges

REPORT | SEPTEMBER 2018

Building Guided Pathways to Community College Student Success

Promising Practices and Early Evidence From Tennessee

Davis Jenkins | Amy E. Brown | John Fink | Hana Lahr | Takeshi Yanagiura

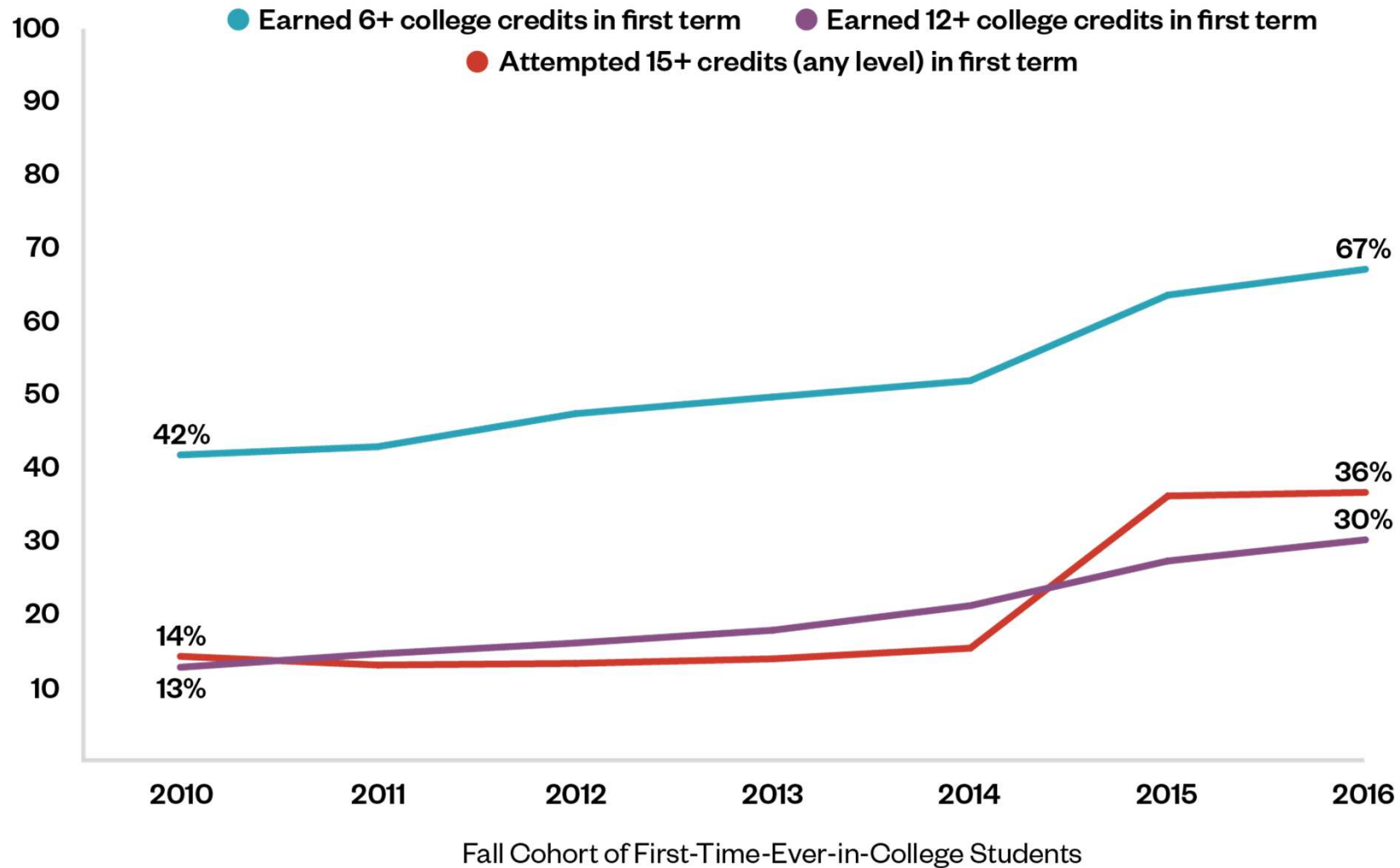


CCRC COMMUNITY COLLEGE
RESEARCH CENTER
TEACHERS COLLEGE, COLUMBIA UNIVERSITY

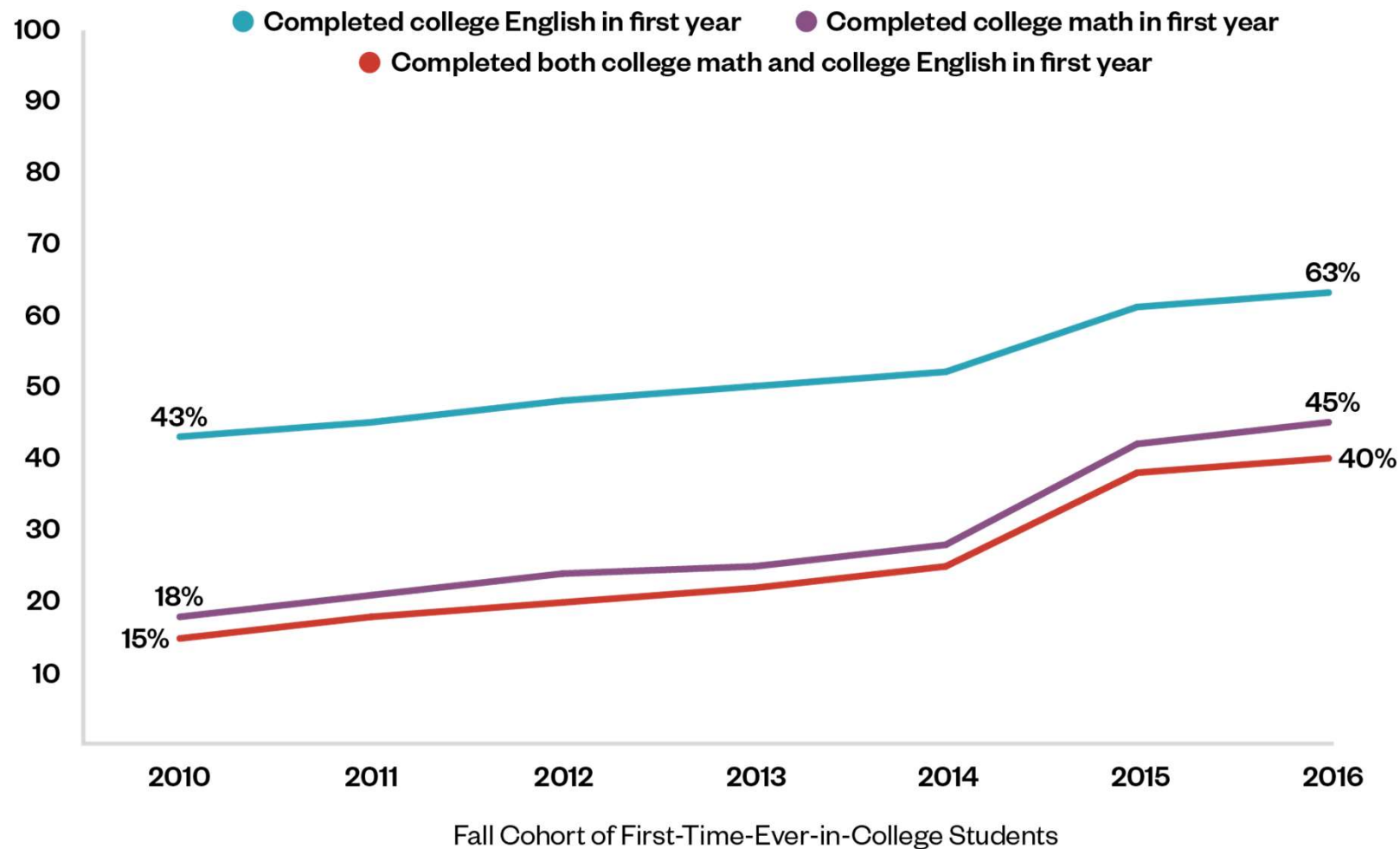
Tennessee Completion Practices

- a) Map all programs to career outcomes; include the “right” math on each map
- b) Redesign intake experience to help students explore, choose a major or focus area, develop full-program plan
- c) Require students with ACT of 13-18 to take “corequisite” math (aligned with math pathway), writing and/or reading
- d) Require students with ACT below 13 to develop learning plan and give them intensive support
- e) Increase exposure of all students to high-impact teaching practices

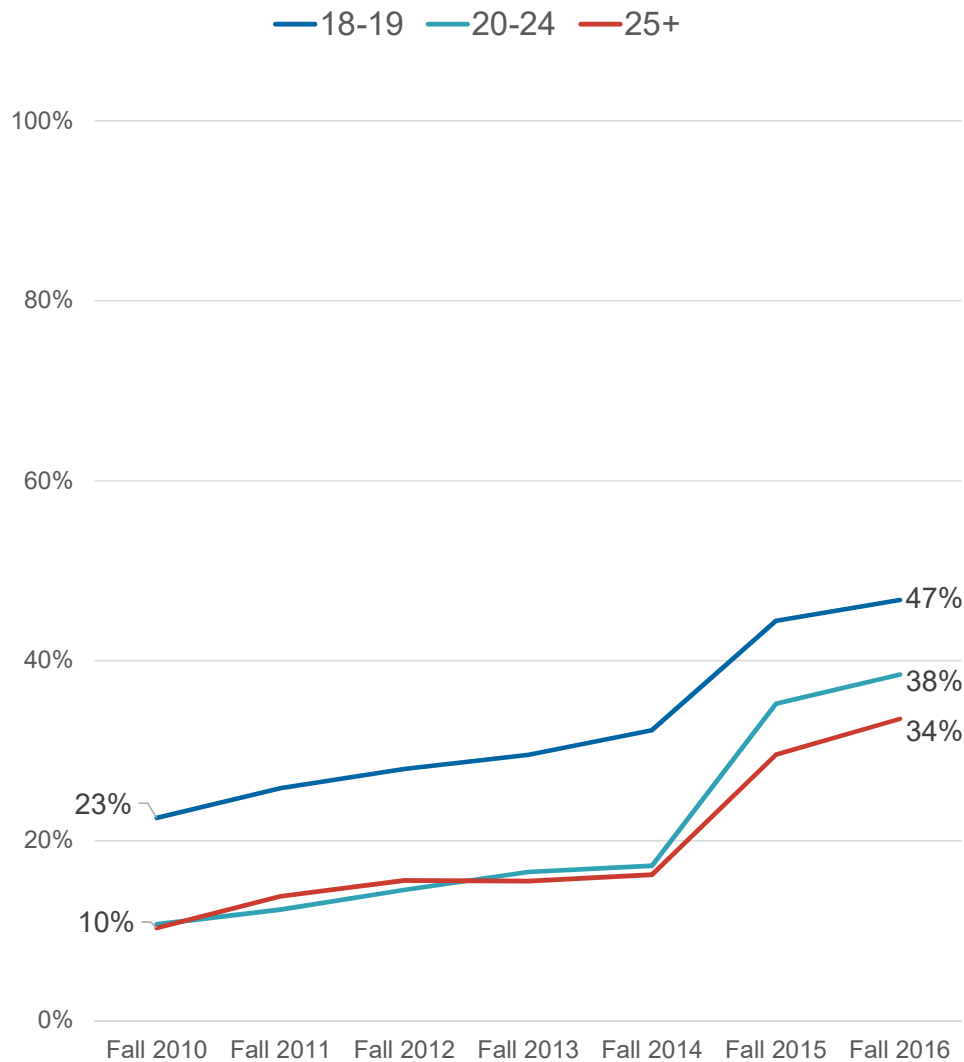
TN CCs: First Term Credit Momentum KPIs



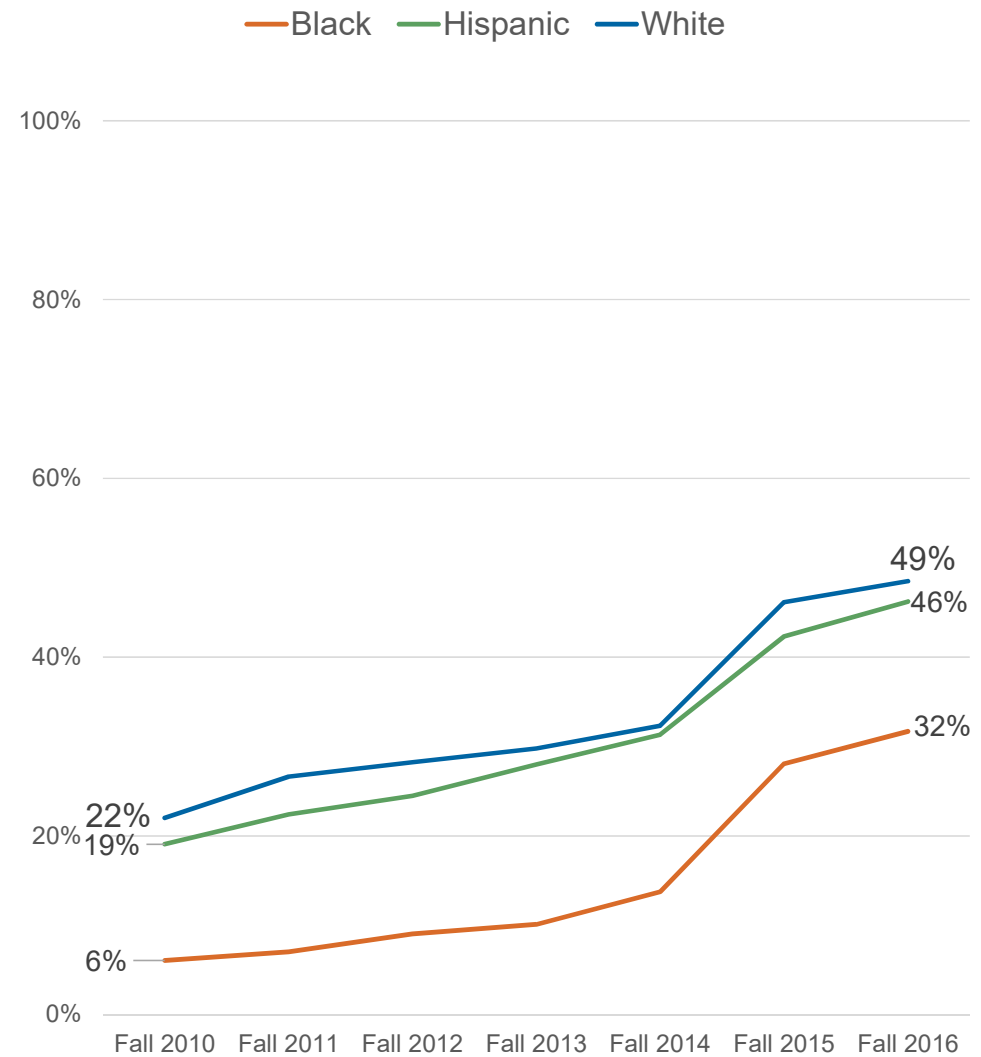
TN CCs: First-Year Gateway Course Completion



TBR CCs: Passed college math in year 1, by Age Groups and Race

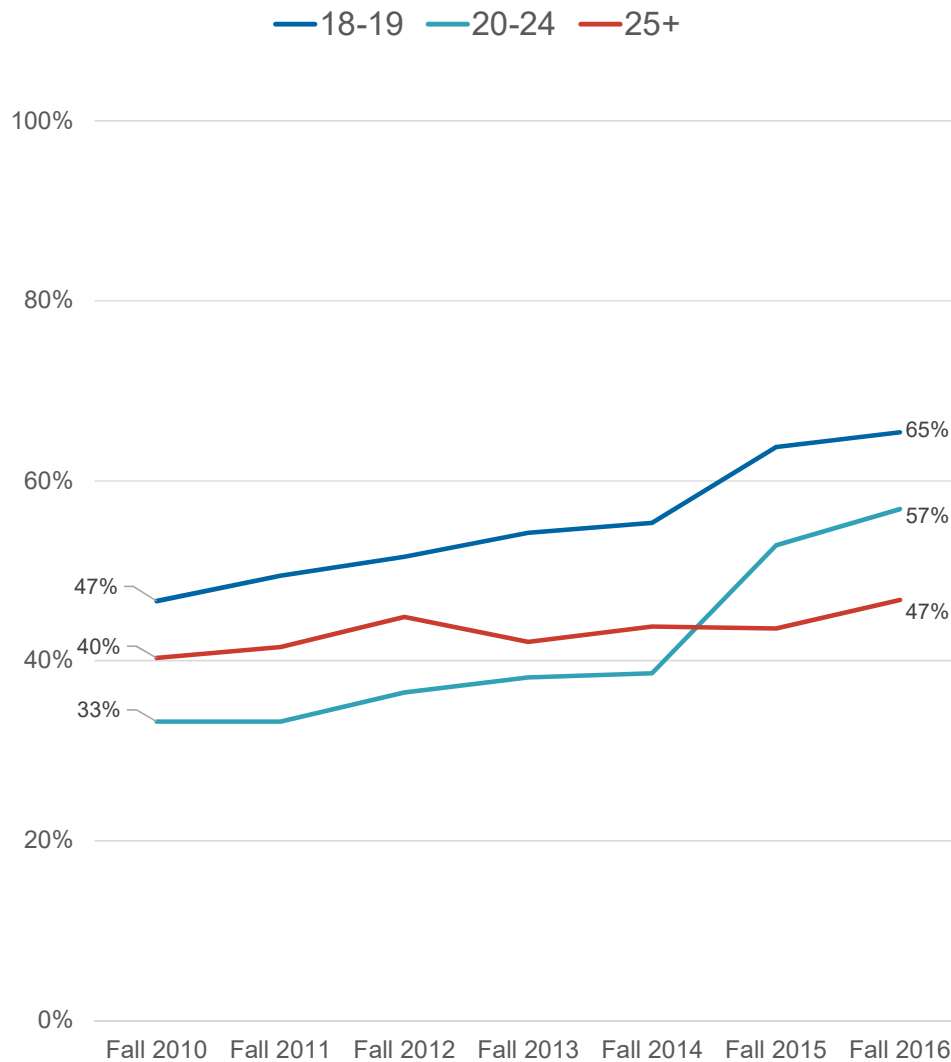


Fall FTEIC Cohort

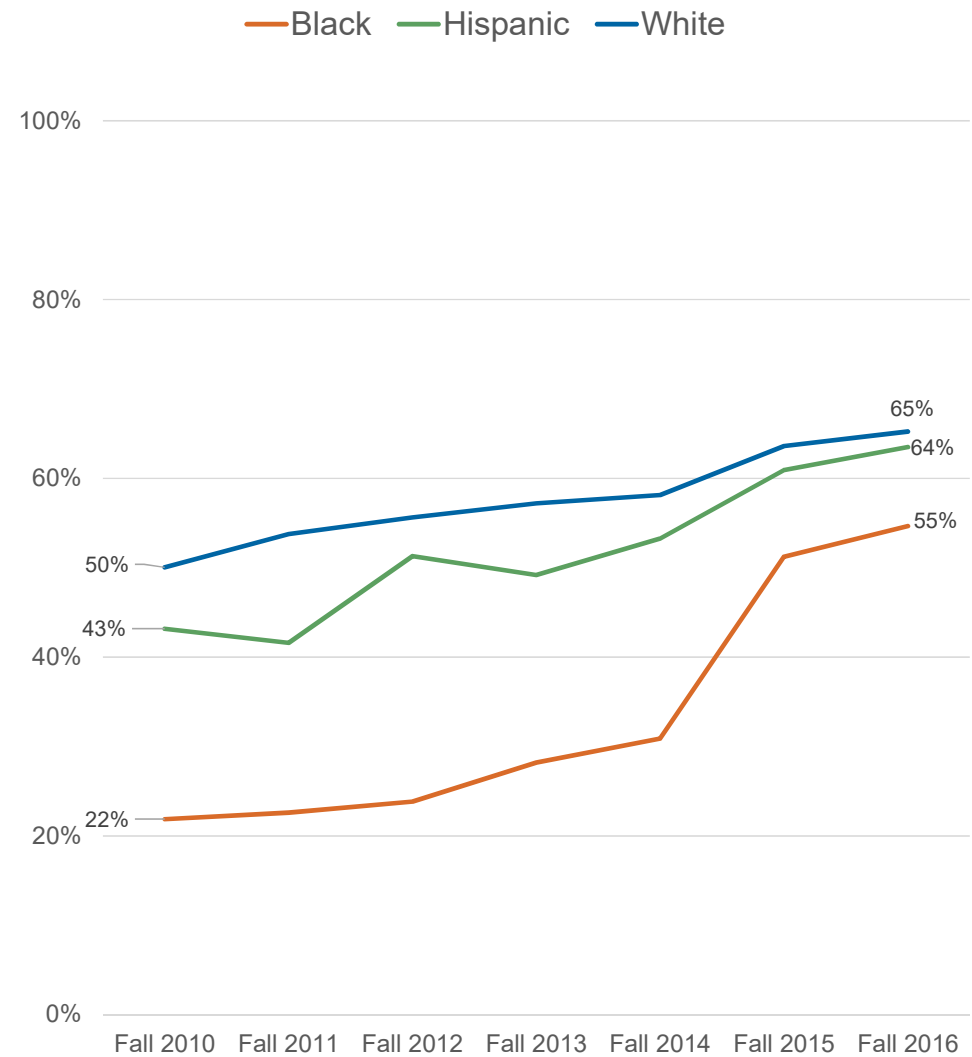


Fall FTEIC Cohort

TBR CCs: Passed college English in year 1, by Age Groups and Race



Fall FTEIC Cohort



Fall FTEIC Cohort

Considerations for leading indicators

- What are your college's leading indicators?
- Who sees these indicators and how regularly? How are they used to drive improvement?
- Does the college use the leading indicators to track whether or not you are closing equity gaps in the near term?
- Are there student populations being excluded (part-time non-credit, dual enrollment, etc.)?
- Does the college have targets for leading and lagging outcomes? Are they reasonable (too ambitious or not ambitious enough)?

The predictive power of leading indicators

CCRC RESEARCH BRIEF

COMMUNITY COLLEGE RESEARCH CENTER | JULY 2019

Early Momentum Metrics Leading Indicators for Community College Improvement

By Cline R. Belfield, Davis Jenkins, and John Fink

As community colleges across the country implement large-scale reforms to improve student success, they need timely and actionable metrics to determine if the changes they are making in a given year or term will likely improve student outcomes in the long run. In this brief, we examine how well nine measures of students' progress in their first year predict student completion in subsequent years and thus how suitable these early momentum metrics, or EMMs, are as leading indicators of the effectiveness of institutional reforms.

Based on analysis of student data from all community colleges in three states, we find that EMMs do predict longer term success for students. We also find that a key factor in low completion rates, as well as in equity gaps in completion rates, is that many students do not gain early momentum in their first year. College outcomes would be substantially higher if more students met EMMs. Our findings indicate the need for comprehensive reforms to community college organization and practice to help more students gain early momentum on their way to earning a credential.

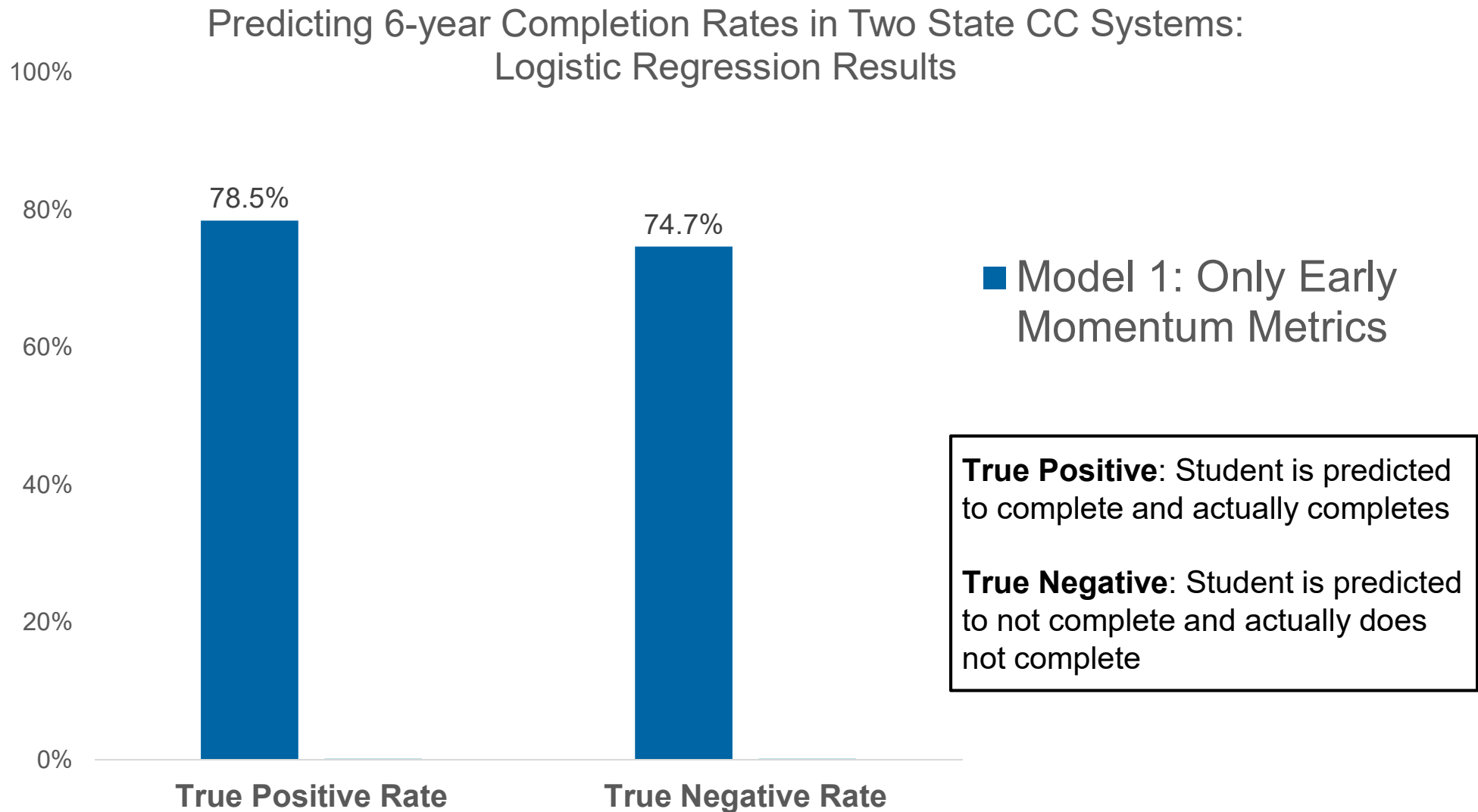
“Based on analysis in three states, we find that measures of student progress in the first year predict student completion in subsequent years.”

First-Year Indicators of Longer-Term Success

Throughout the nation, two-year and four-year colleges are recognizing that to “move the needle” on college-wide measures of success (e.g., completion rates) major redesign across the entire institution may be required to ensure that its programs, policies, and practices are well designed and aligned to promote student success. Hundreds of community colleges across the country are adopting whole-college reforms commonly referred to as “guided pathways” (Bailey, Jaggars, & Jenkins, 2015). As part of these reforms, colleges are mapping requirements and options for programs of study so that they are aligned with desired employment and transfer outcomes, redesigning the onboarding process to help new students explore options and interests and develop an academic completion plan, and revamping advising to better support students in making timely progress toward completion of a credential. Faculty are also working together across disciplines to ensure that curricula and teaching prepare students to succeed in employment and transfer in their field of study.

Because they involve a redesign of college practices at scale, guided pathways reforms take several years to implement (Jenkins, Lahr, Fink, & Ganga, 2018, pp. 2–3). Given that whole-college

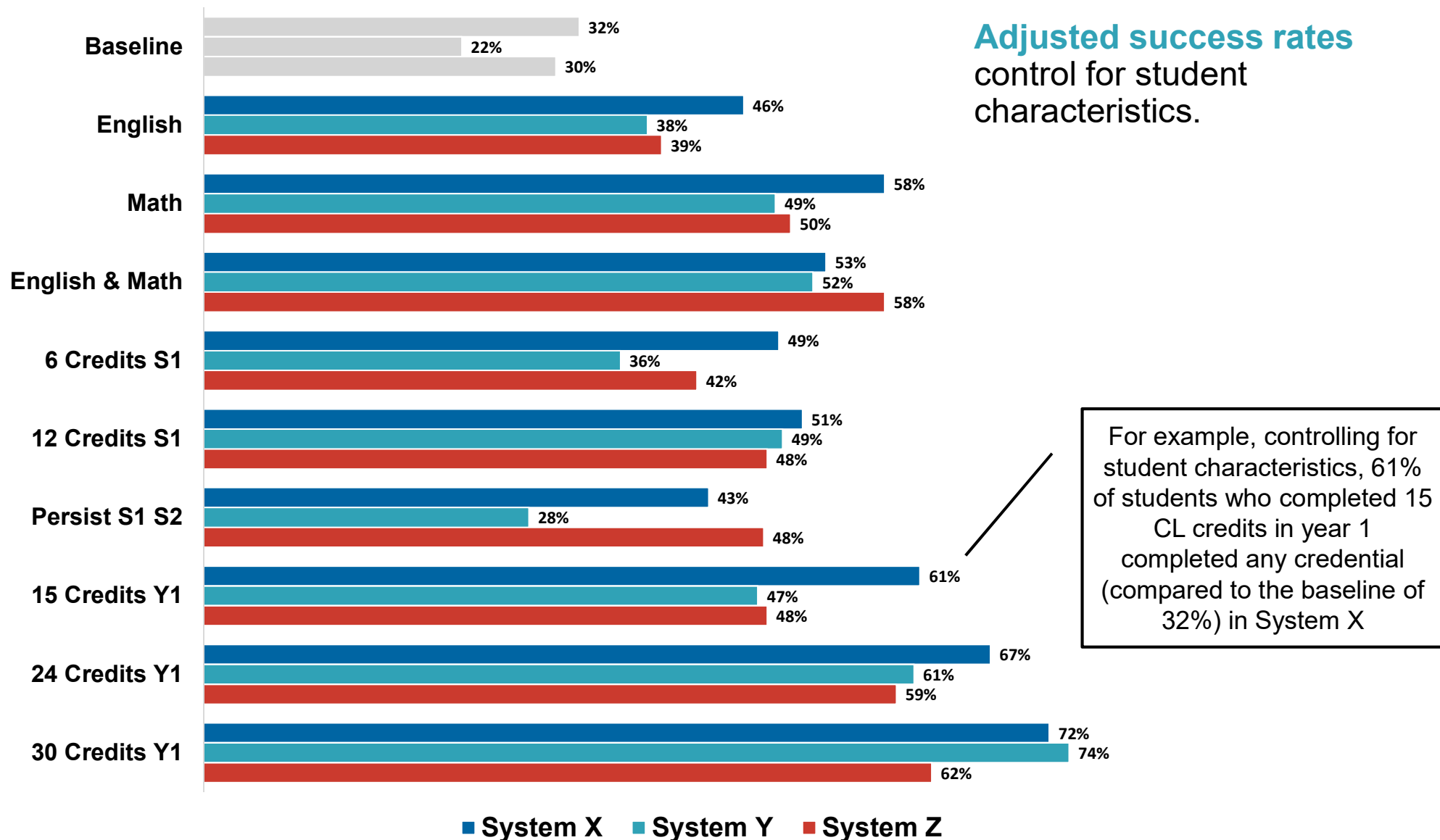
How accurately can we predict whether or not a student completes, based on their first-year momentum?



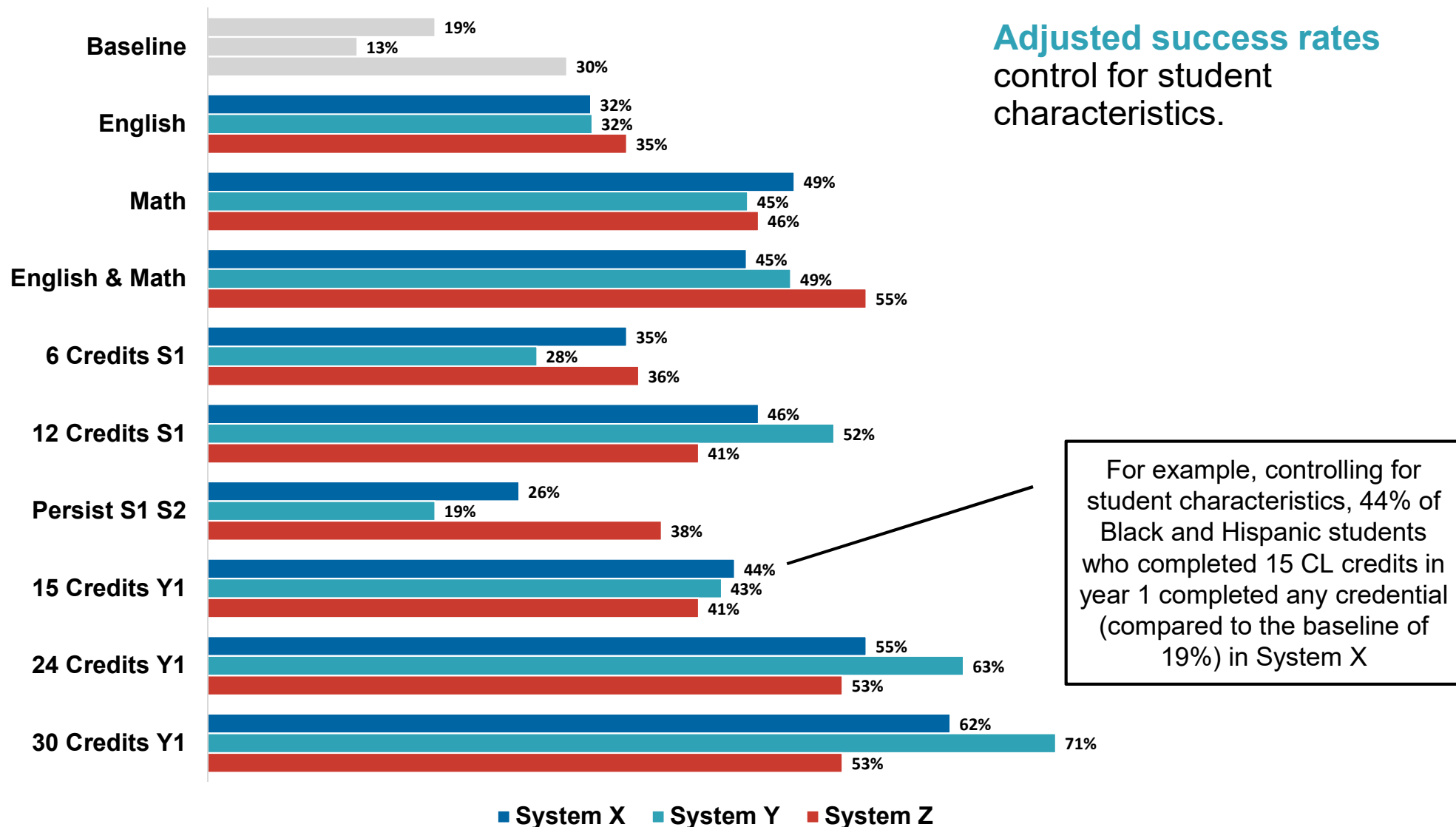
First-Year Momentum Outcomes across 3 Community College Systems

English Y1	<i>Completed college English in the first year</i>
Math Y1	<i>Completed college math in the first year</i>
English & Math Y1	<i>Completed both college English & math in the first year</i>
6 Credits S1	<i>Completed 6+ college credits in the first term</i>
12 Credits S1	<i>Completed 12+ college credits in the first term</i>
Persist S1 S2	<i>Persisted from term 1 to term 2</i>
15 Credits Y1	<i>Completed 15+ college credits in the first year</i>
24 Credits Y1	<i>Completed 24+ college credits in the first year</i>
30 Credits Y1	<i>Completed 30+ college credits in the first year</i>

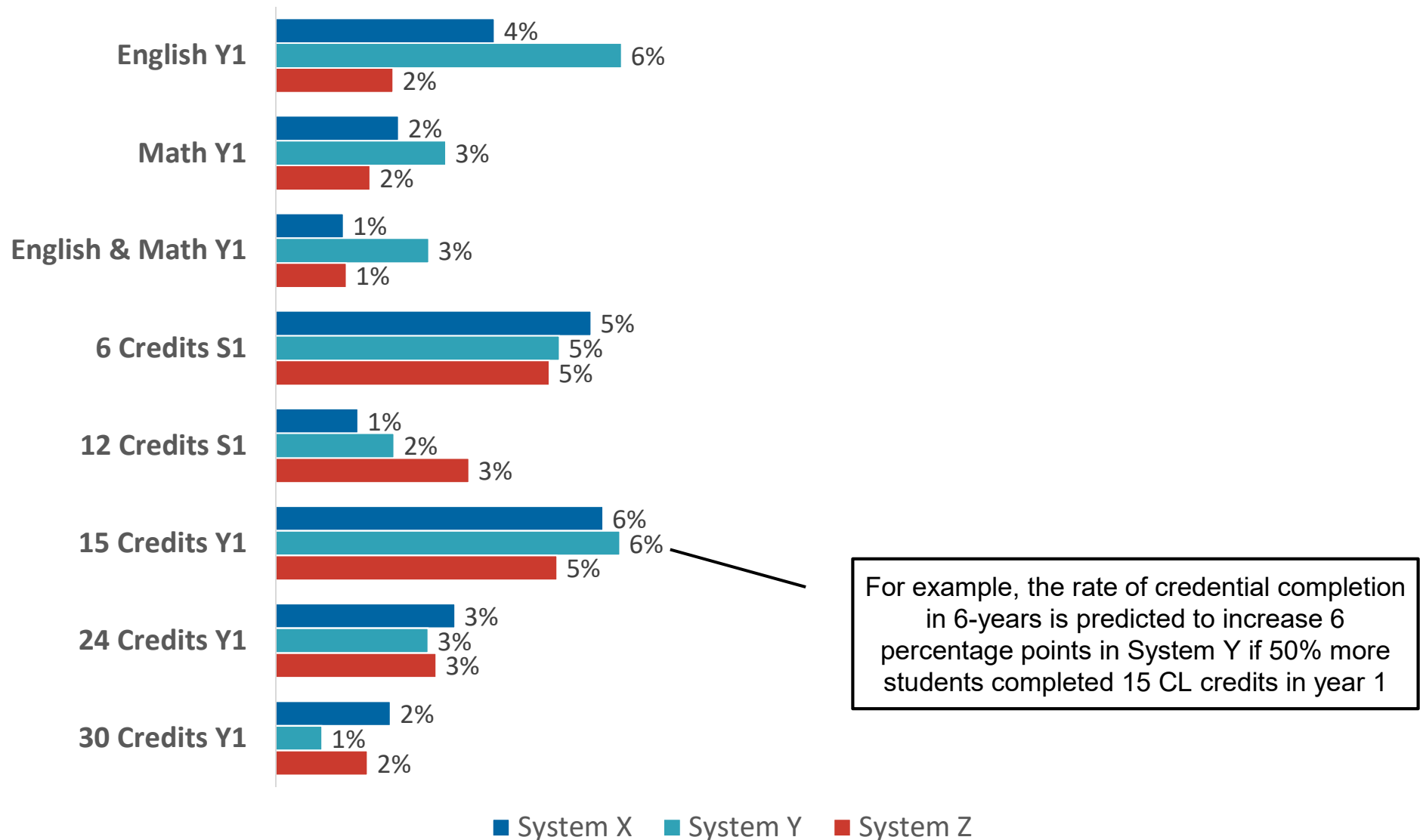
Six-Year Award Rate by EMM Status



Adjusted Six-Year Award Rate by EMM Status | Black & Hispanic Students



Predicted Percentage Point Change in 6-Year Award Rates if Leading Indicator Increases by 50%



Takeaways

- First-year momentum strongly predicts student success in subsequent years
- Students who achieve Early Momentum Metrics (EMMs) do better, regardless of race or gender or socio-economic status
- Key issue is equity gap in the rate at which students gain momentum in first year
- Award rates increase 1-6 percentage points if 50% more students meet each EMM
- 10 percentage point increase in completion requires doubling of EMM attainment

Guided Pathways Guiding Questions

- Does every program lead to: a) a livable-wage job (with clear paths to further education), or b) transfer with junior standing in the student's field of interest?
- How do we help all entering students explore interests, choose a program that is a good fit, and develop a full-program plan?
- How do we ensure that every entering student has a “light the fire” learning experience in term 1?
- How can we (and students themselves) monitor students' progress to make sure they stay on plan?
- How can we schedule classes so that students can take the courses they need to advance on their plans when they need them?
- How do we ensure that all students gain program-relevant experience?
- How can we enable more underrepresented students to enroll and complete programs leading to higher-opportunity outcomes?

Thank you!

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