CBA Data Fellows

Spring 2018 Final Presentation

May 11, 2018

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CBA Goals & Objectives

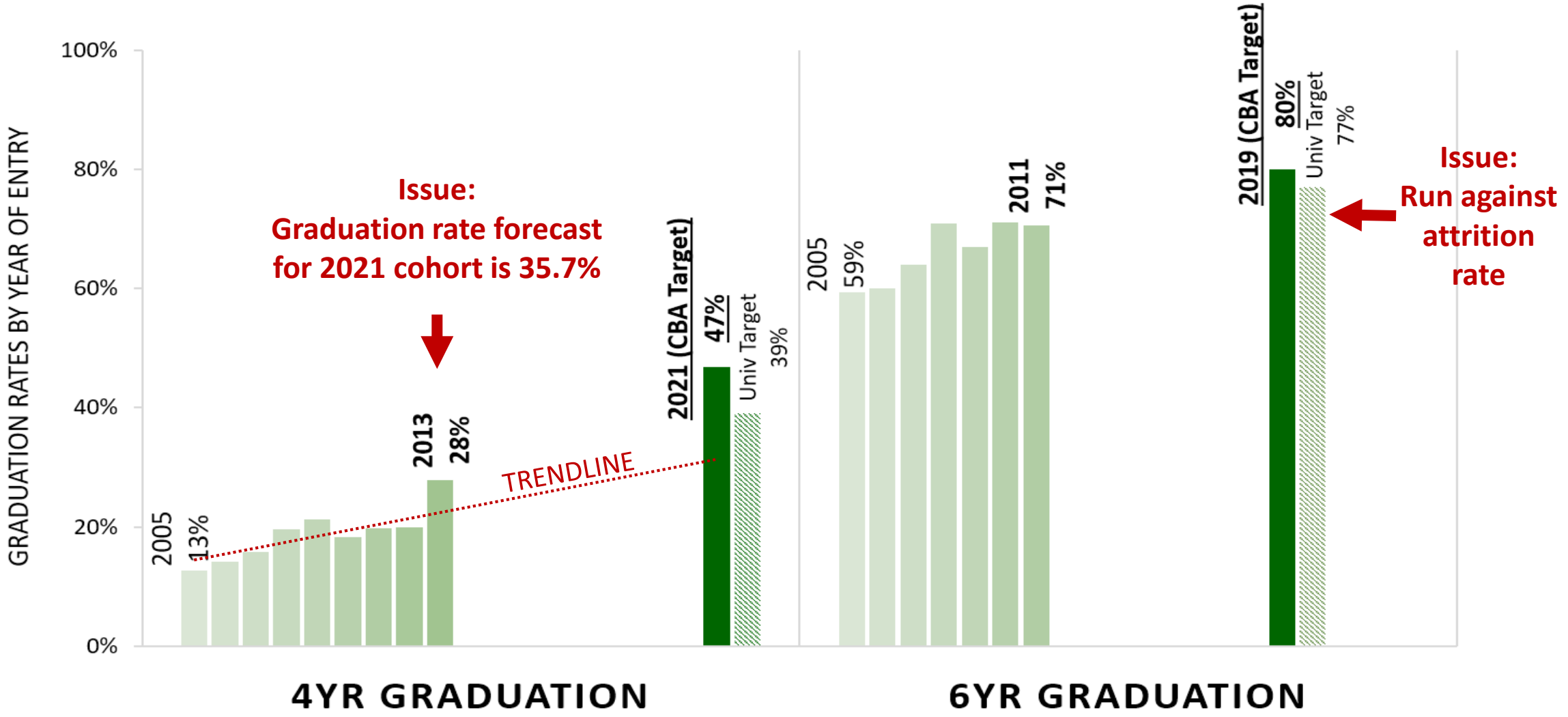
Goal:

Graduation Initiative 2025

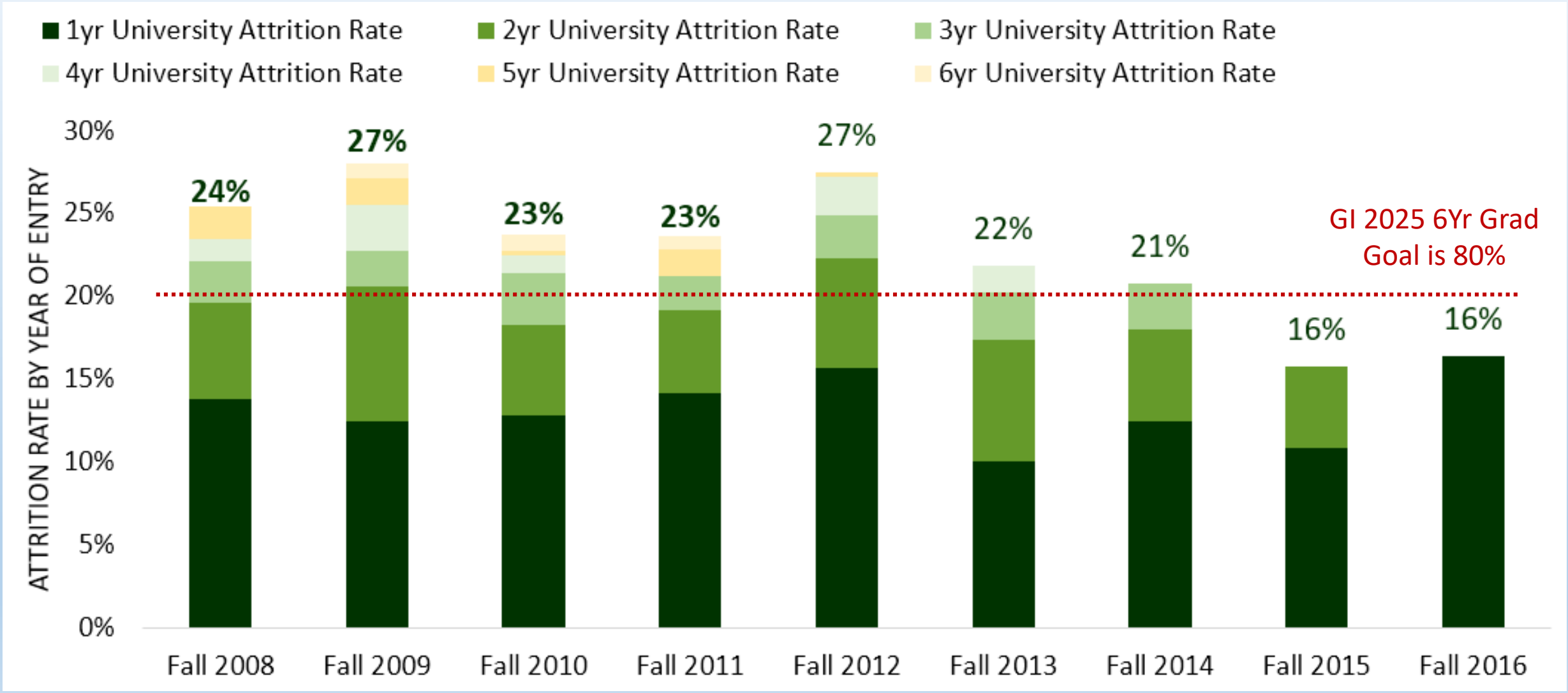
2025 Goals: Increase First-Time Freshmen (FTF) 4 & 6 year grad rates; increase Transfer 2 & 4 year grad rates; and achieve equity by eliminating all equity gaps for underrepresented minorities and Pell eligible students.

"GI 2025 is the CSU's initiative to ensure that all students have the opportunity to be successful and graduate according to their personal goals, positively impacting their future and producing additional graduates to power California and the nation" (Citation)

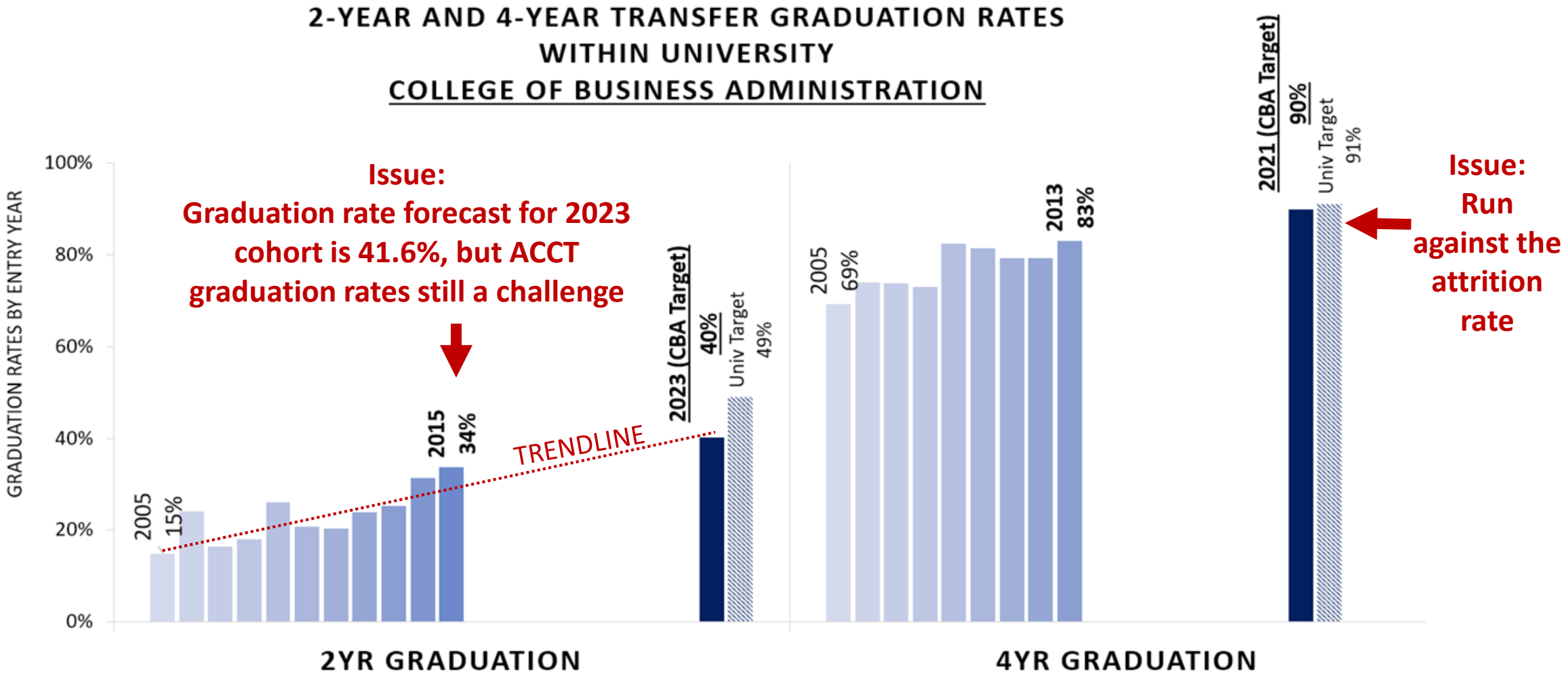
Graduation Initiative 2025: First-Time Freshmen



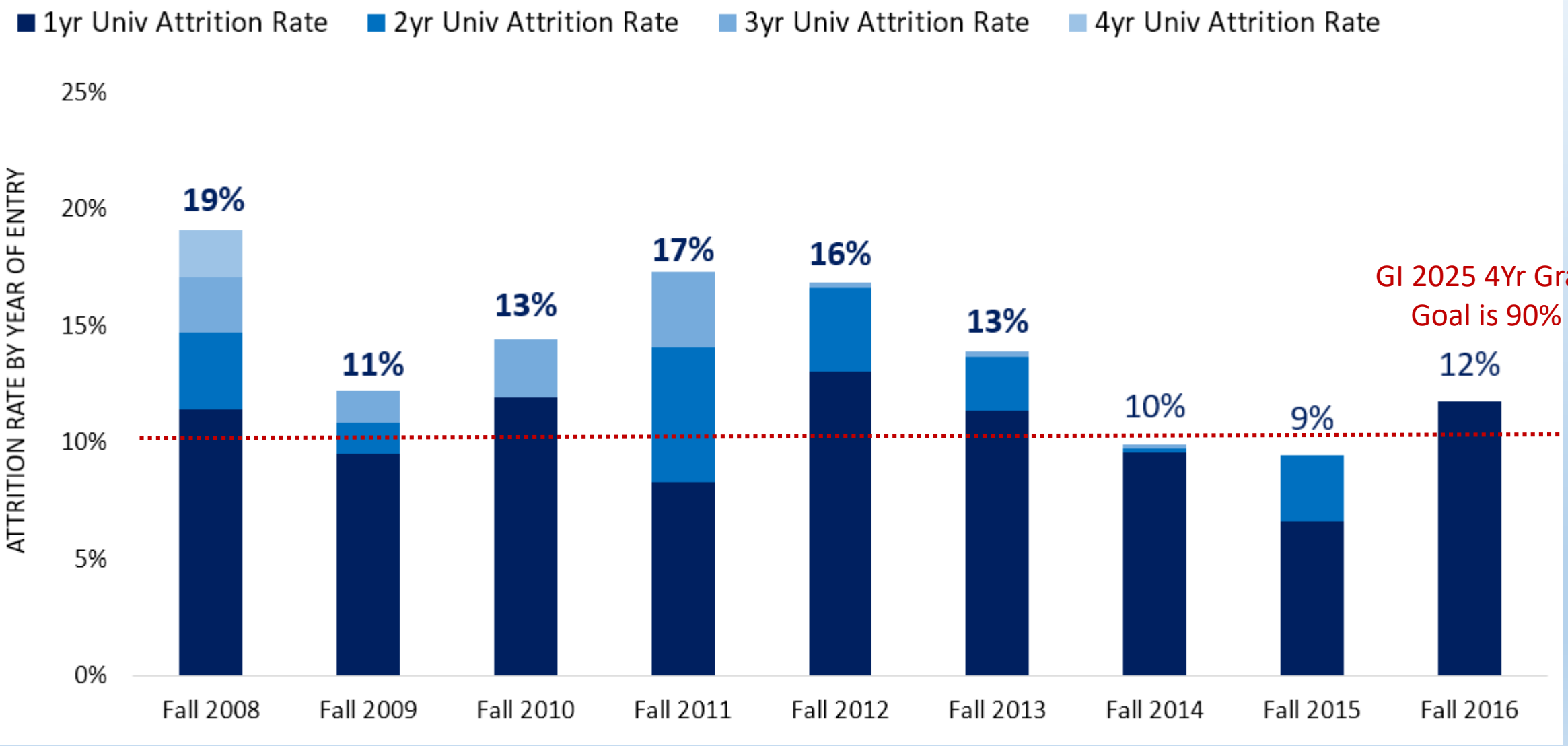
GI 2025: First-Time Freshmen Attrition



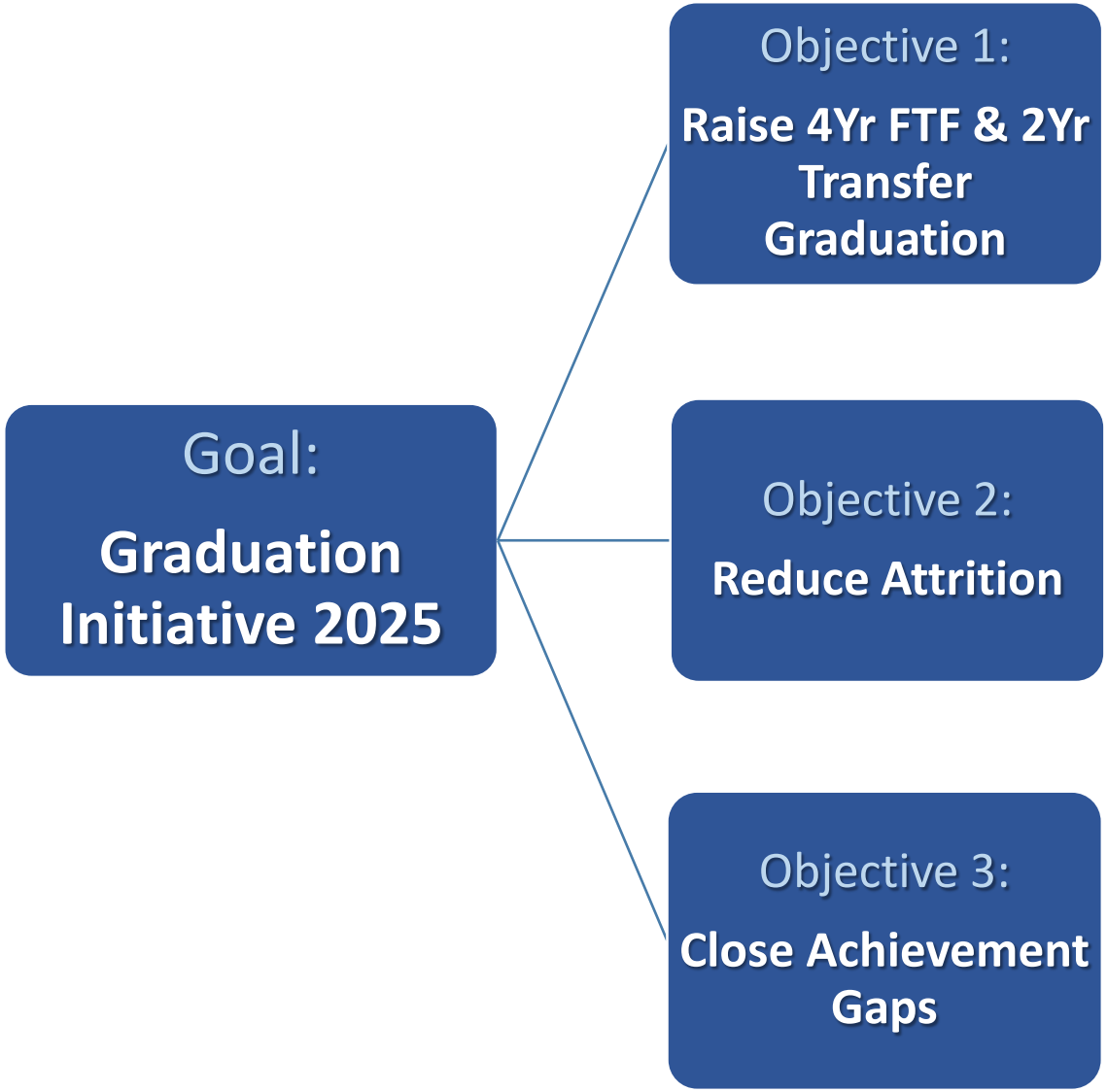
Graduation Initiative 2025: Transfers



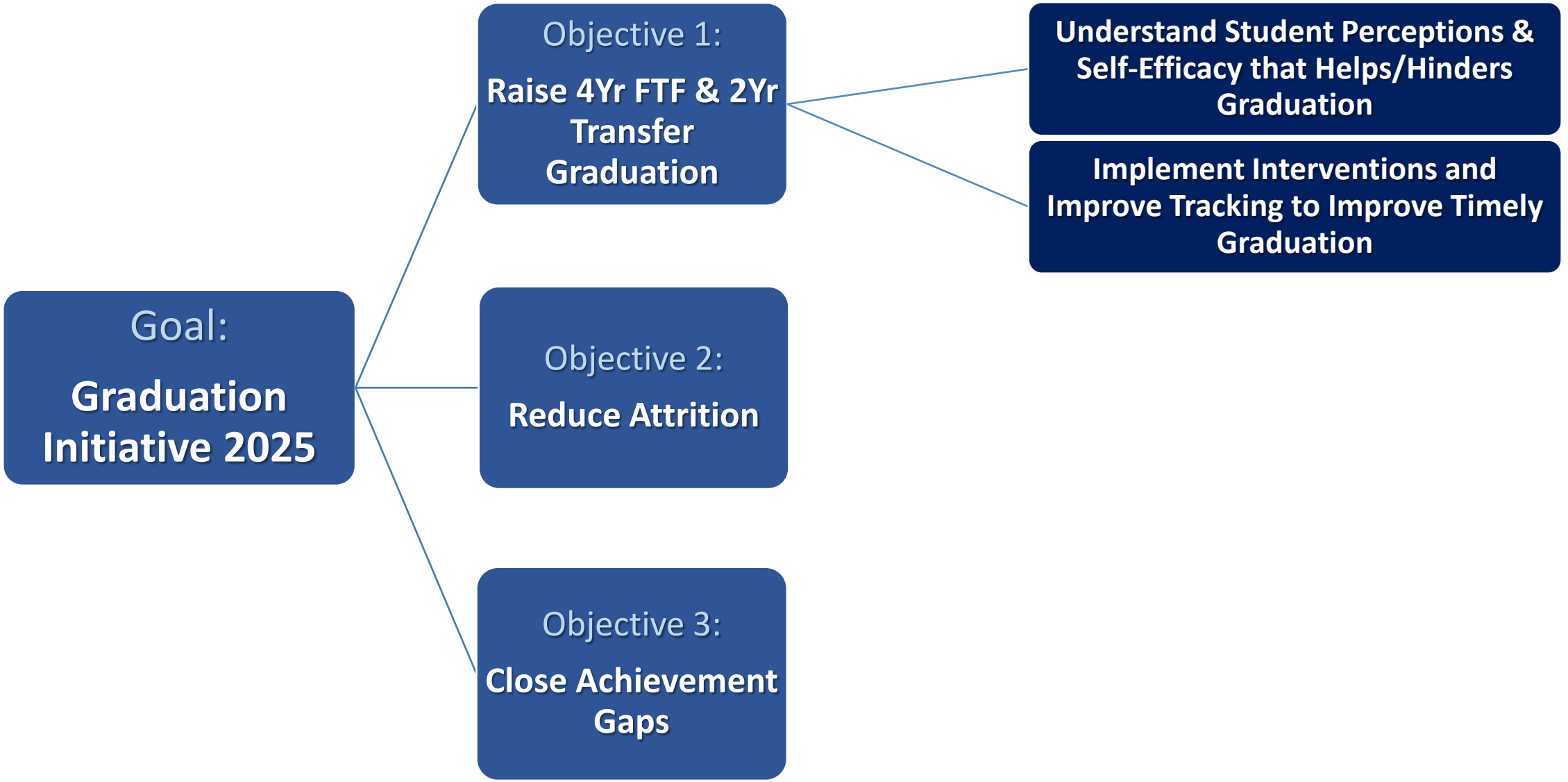
GI 2025: Transfer Attrition



CBA Goals & Objectives



CBA Goals & Objectives



Increasing 4Yr FTF & 2Yr Transfer Graduation

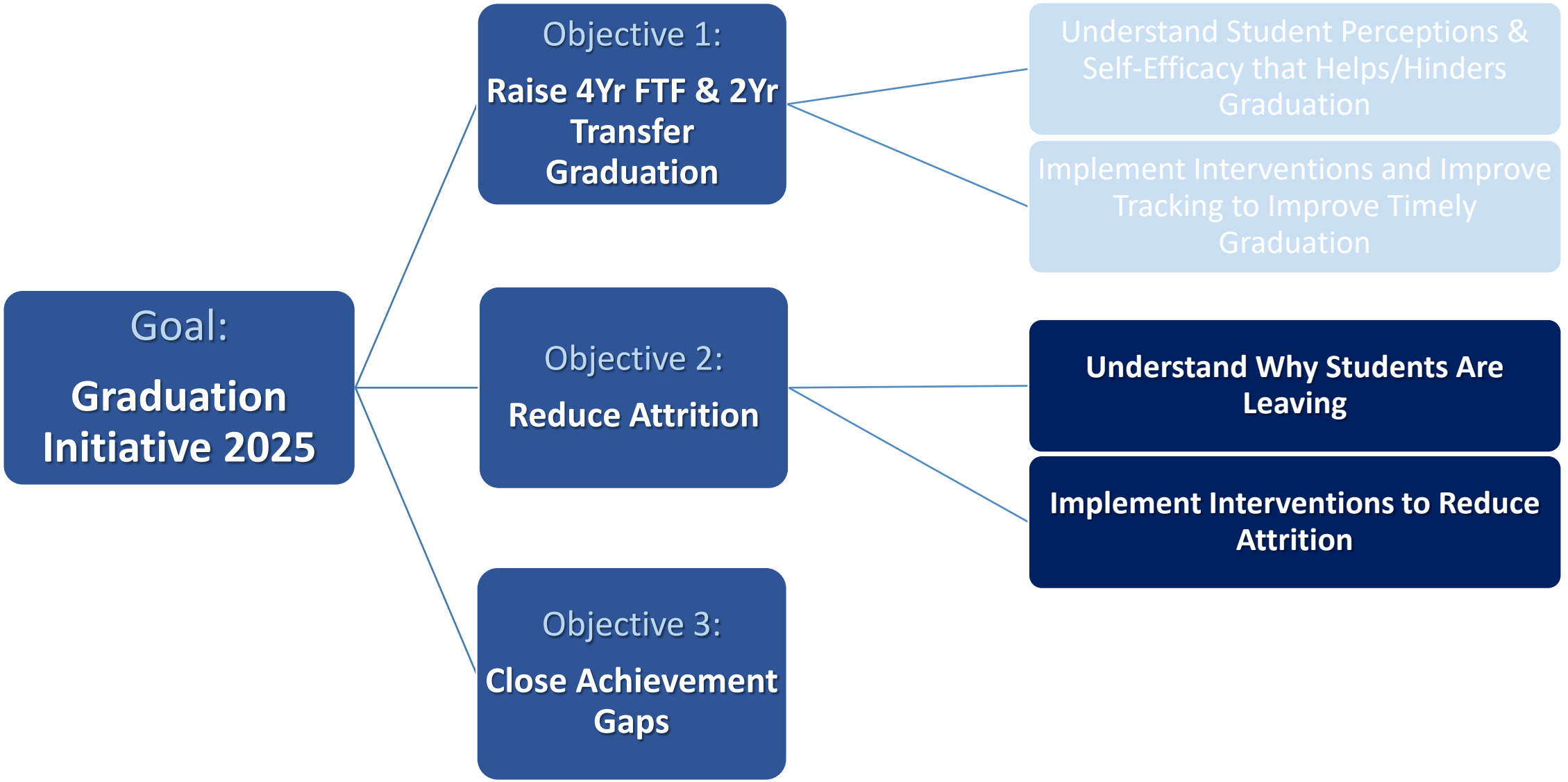
- **Research Questions**
  - Upon first joining CSULB…
    - What are goals and plans of our incoming students?
    - How well prepared do they feel in variety of areas?
    - How strong is their self-efficacy?
    - What are their external commitments?
- **Methods**
  - Quantitative data from BeachData
  - Surveys to collect student perceptions and to identify strong correlations between any variables and 4-year/2-year graduation
    - Spring 2018 Freshmen and Freshmen Beach Pledge Mandatory Workshops Surveys
    - Summer 2018 New Student Survey

Increasing 4Yr FTF and 2Yr Transfer Graduation: Implement Interventions

- Data Fellows research has been used to inform practices in college, including:
  - Introduction of Mandatory Sophomore Advising Workshops
  - Continuation of Early Alert appointments for high D/F/W/WU courses
  - Expanding tutoring options to include GPE prep support, economics, and excel
  - Introduction of Intentional Beach Pledge advising (separate workshops, targeted communication, and schedule checks)

- Next Steps (2018-2019)
  - Using survey, improve our understanding of student perceptions about the 4-year/2-year plan and their self-efficacy so we can determine need for future interventions

CBA Goals & Objectives



Reducing Attrition: Understanding Why Students Leave

- **Research Questions**
  - Are there commonalities that exist amongst those that leave?
  - What interventions can the College implement to reduce attrition?
- **Methods**
  - Quantitative data from BeachData
  - Transcript review
  - Surveys to collect student perceptions and to identify any strong correlations between any variables and attrition
    - Spring 2018 Freshmen and Freshmen Beach Pledge Mandatory Workshops Surveys
    - Summer 2018 New Student Survey
    - Fall 2018 Academic Probation Survey

Reducing Attrition: Implement Interventions

- Data Fellows research has been used to inform practices in college, including:
  - Introducing Mandatory Sophomore Advising Workshops
  - Launching Pilot Probation Intervention Workshop
  - Continuing Early Alert appointments for high D/F/W/WU courses
  - Expanding tutoring options to include GPE prep support, economics, and excel
  - First-Time Freshmen Living Learning Communities

- Next Steps (2018-2019)
  - Determine need for future interventions using:
    - Survey to gather student perceptions of self-efficacy and preparedness upon entering CSULB
    - Survey and focus group for students on probation and students that were disqualified

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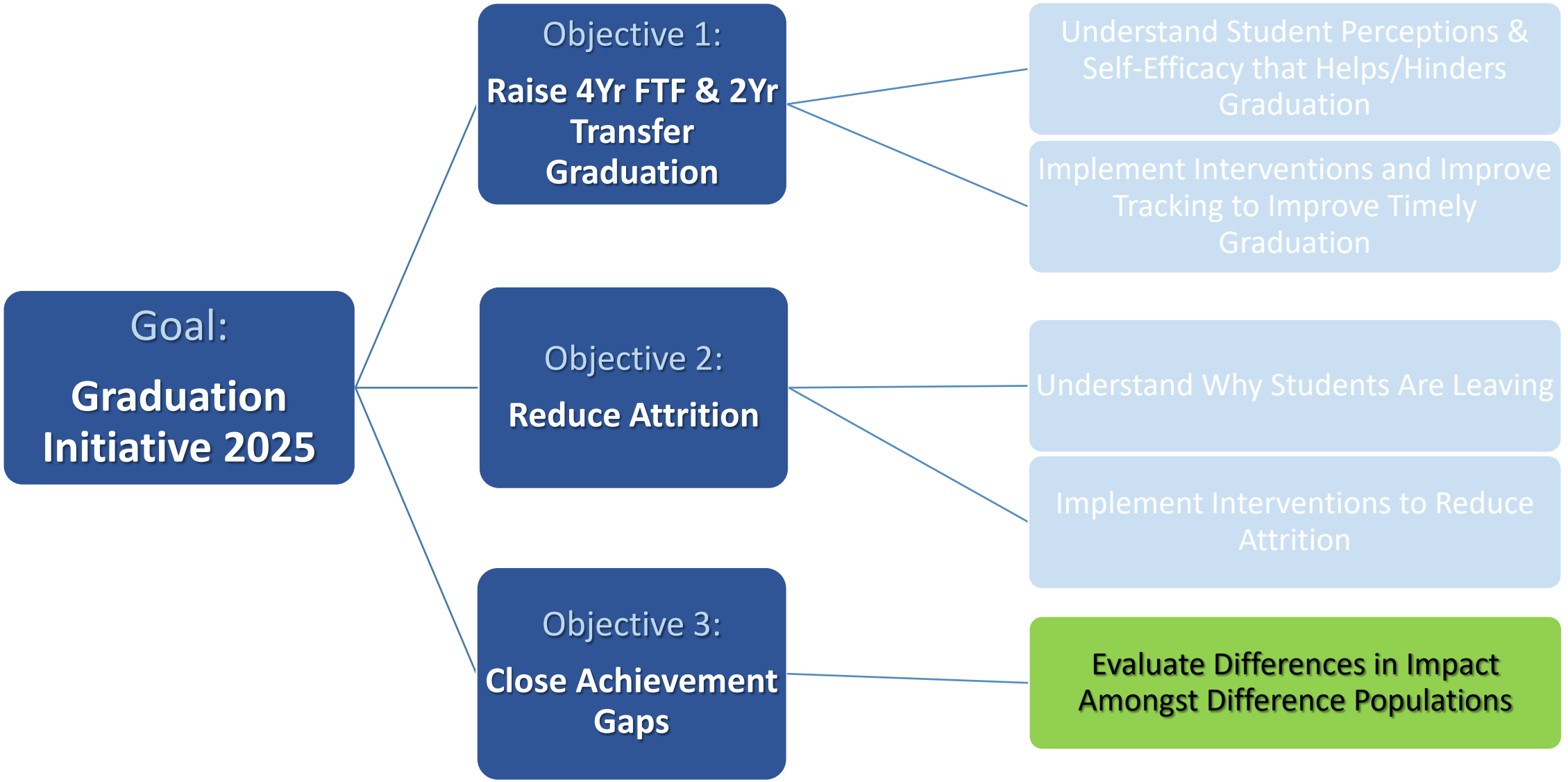

College of Business' Data Fellows Team Reflections

- Changing trends in Non-Underrepresented (NURM) and Underrepresented (URM) populations, with URMs going from being about 36% of our population to about 53% from 2005-2017
- Learning Beach Data/Tableau
- Moving Beyond Quantitative and Needing More Qualitative
- Bringing Data Culture to College and Addressing Department Specific Issues