

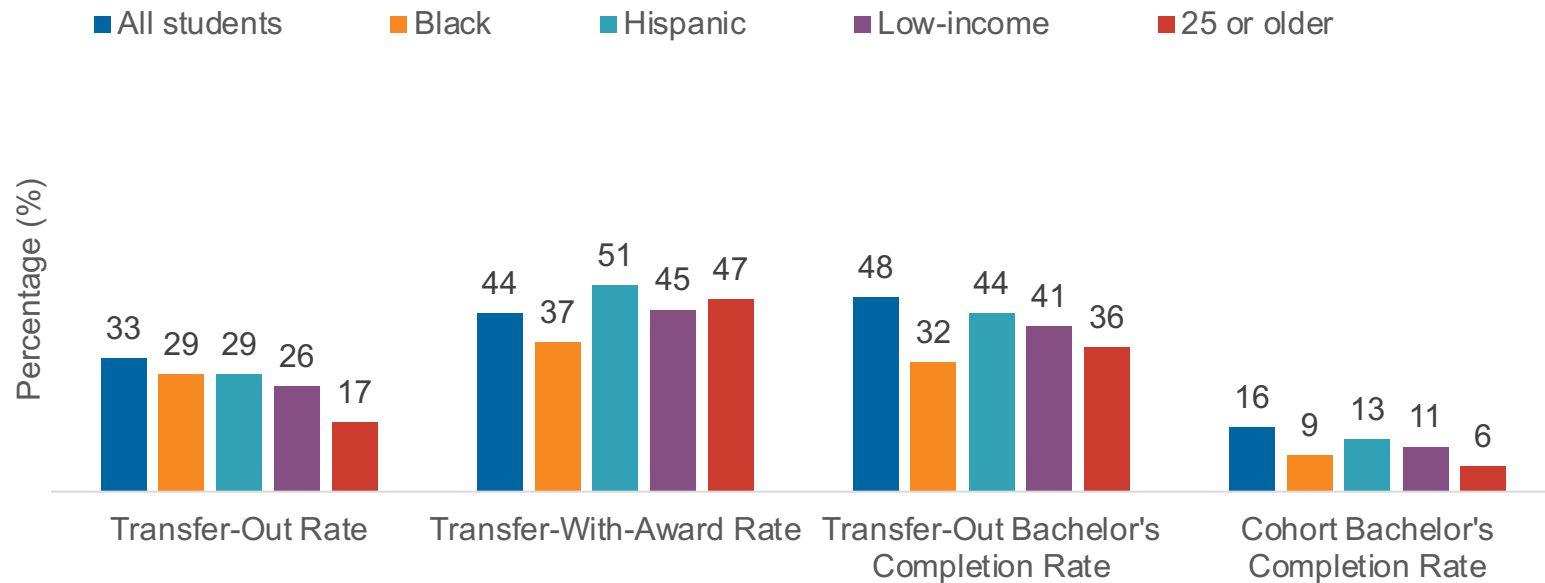
# Tracking Transfer: Community College and Four-Year Institutional Effectiveness in Broadening Bachelor's Degree Attainment

**Tatiana Velasco, Ph.D.**

**Math as a Barrier and Opportunity for STEM Transfer Webinar  
September 2025**

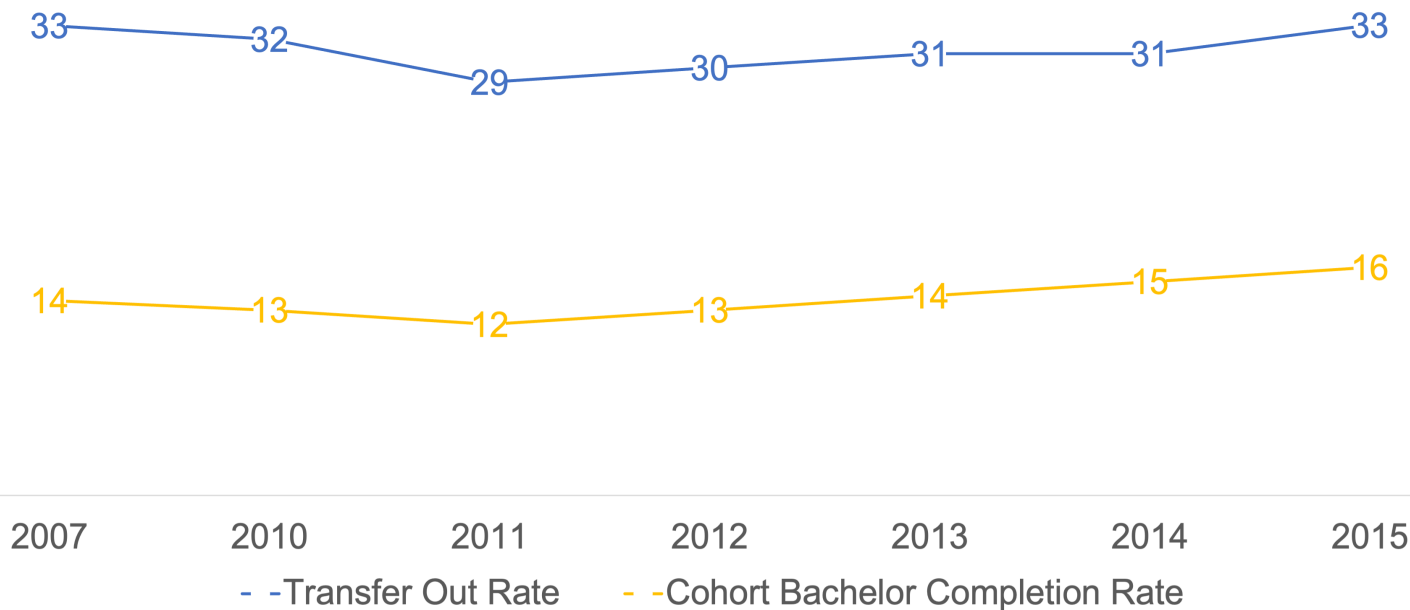
# Transfer outcomes are low and even lower among low-income, Black, Hispanic and older students

Six-Year Transfer Outcomes, Fall 2015 Community College Entrants



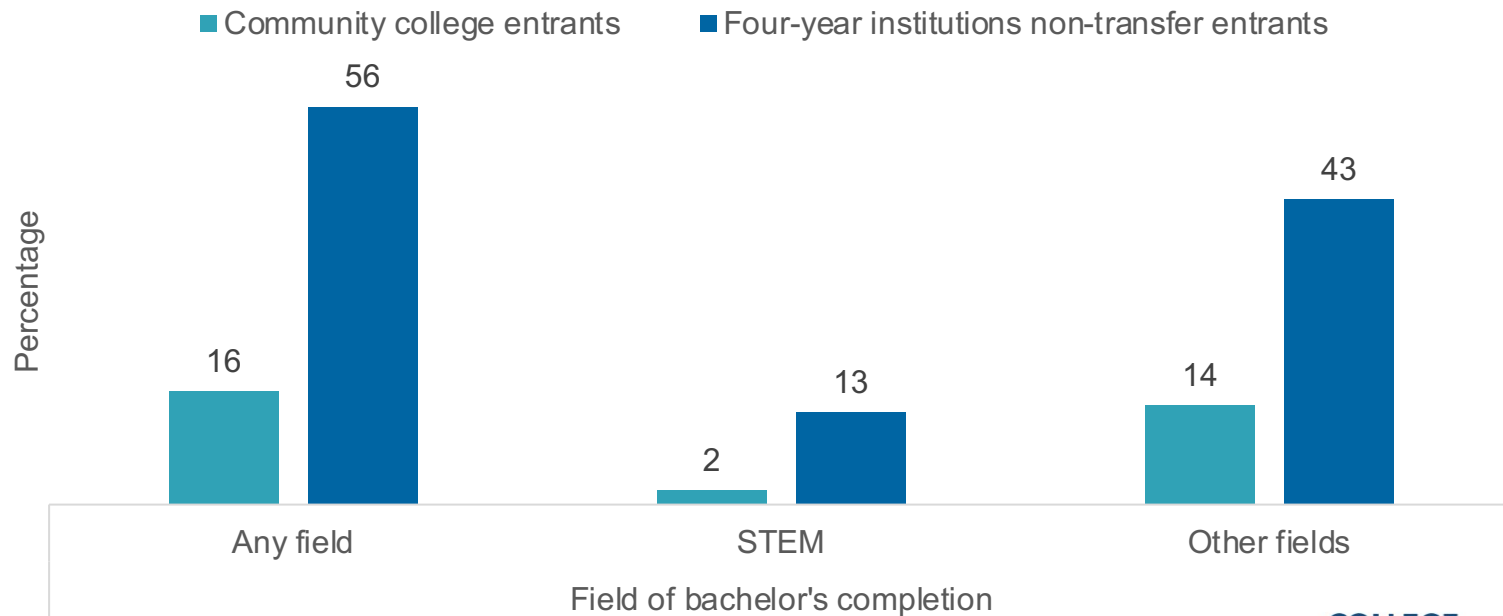
# Transfer outcomes have improved slightly but remain too low

Trends in National Transfer Outcome  
Community College Entrants



# Community college students complete bachelor's degrees in STEM at lower rates than non-transfer students

Bachelor's Completion within Six Years, 2015 Entry Cohort



Authors' calculations based on NSC data

**Among bachelor's completers, community college transfers are underrepresented in STEM compared to non-transfers**

Select State  
U.S. Average

Subgroup Selection  
(Multiple values)

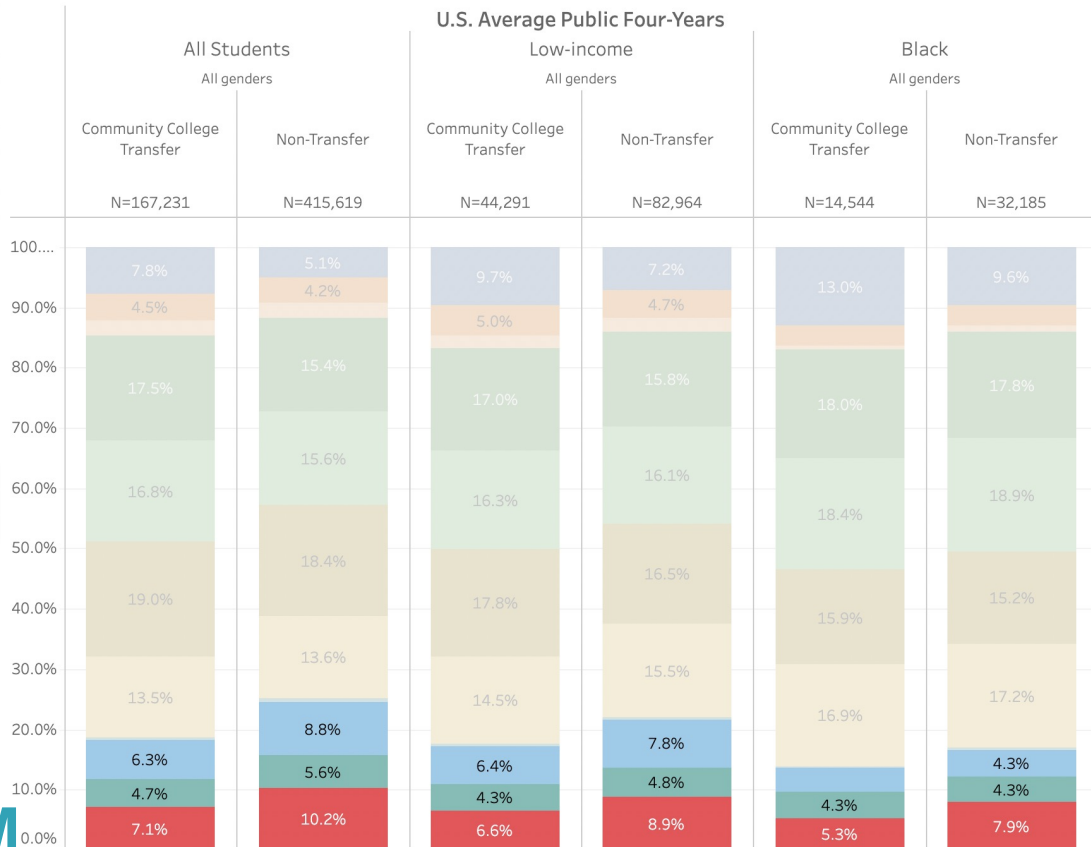
Gender  
All genders

Focus Four-Year Results by Sector  
Public Four-Years

Bachelor's Degree Field

- Public services and administration
- Education
- Agriculture and natural resources
- Social and behavioral sciences
- Arts, humanities, and English
- Business
- Health professions
- Applied technology
- Engineering
- Computer science
- Science and mathematics

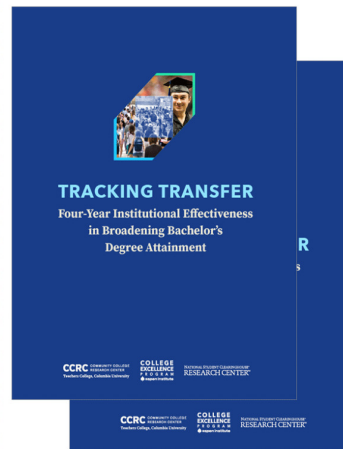
Fields of Study of Bachelor's Degree Completers Within Six Years After Four-Year Institution Entry ⓘ



# Thanks!

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