

# An Exploratory Analysis of Statewide Enrollment, Transfer, and Graduation

2024 TAIR Presentation

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# Agenda

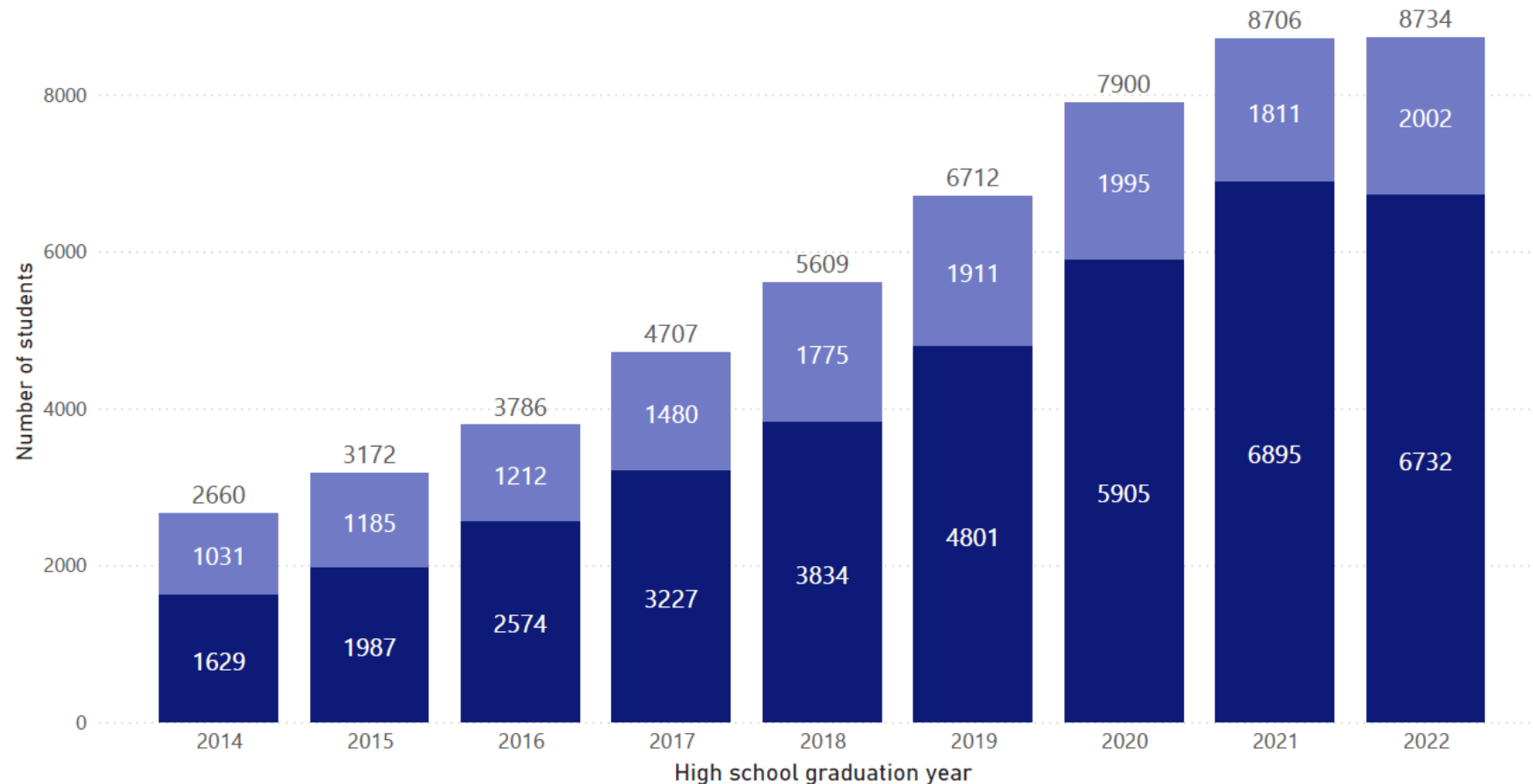
- Students earning associate degrees or certificates by high school graduation
- Enrollment trends
- Graduation rates of CTC students based on TSI, full-time status, and transfer
- Audience suggestions for future research

# High school graduates with associate degrees or certificates

# Increasing numbers of high school students are graduating with associate degrees or certificates

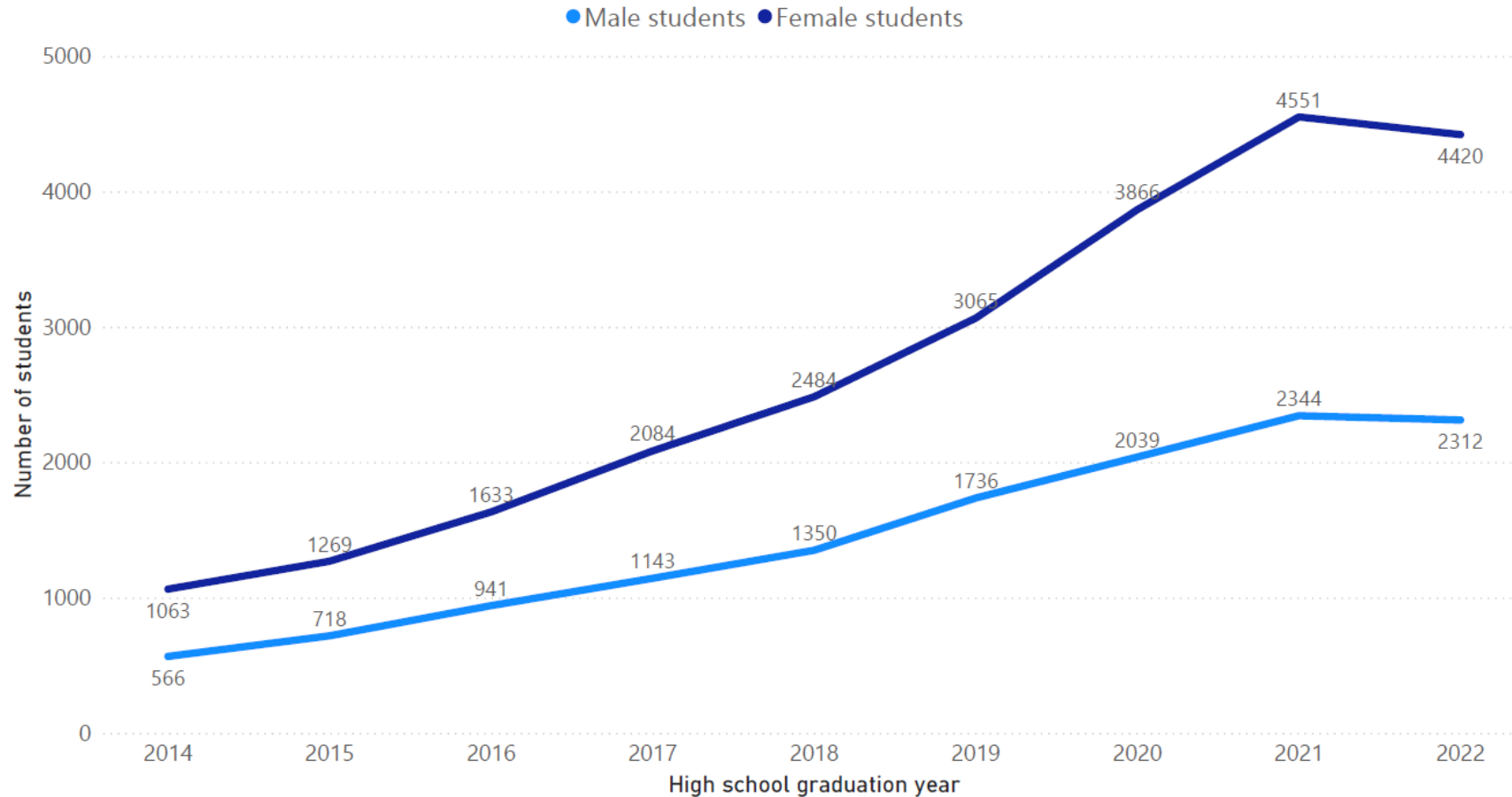
All Male and Female Students Earning Certificates or Associate Degrees Prior to High School Graduation

Students earning: ● Associate ● Certificate



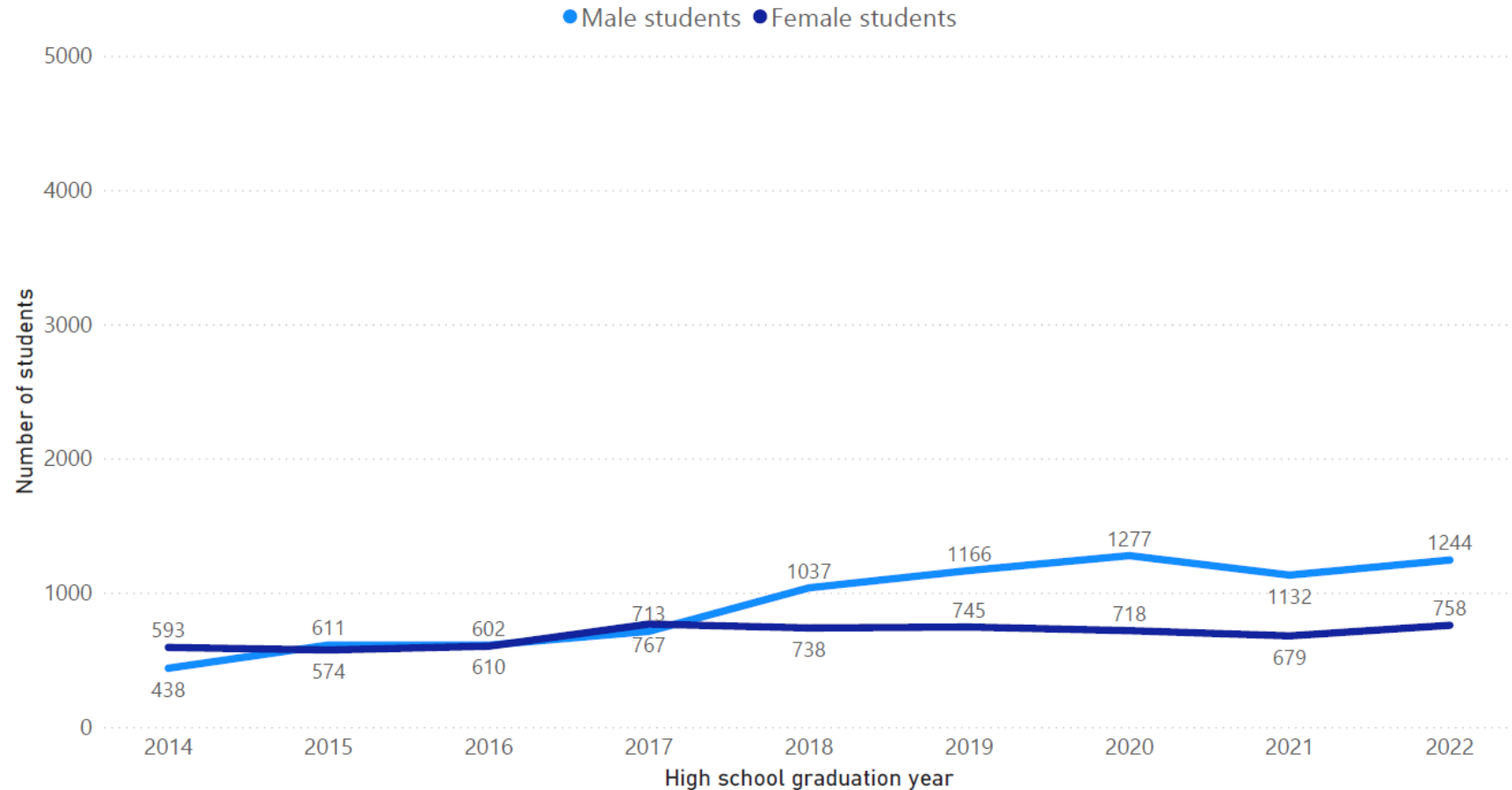
# Female students were the majority of high school graduates with associate degrees.

All Students by Gender Earning Associate Degrees by High School Graduation

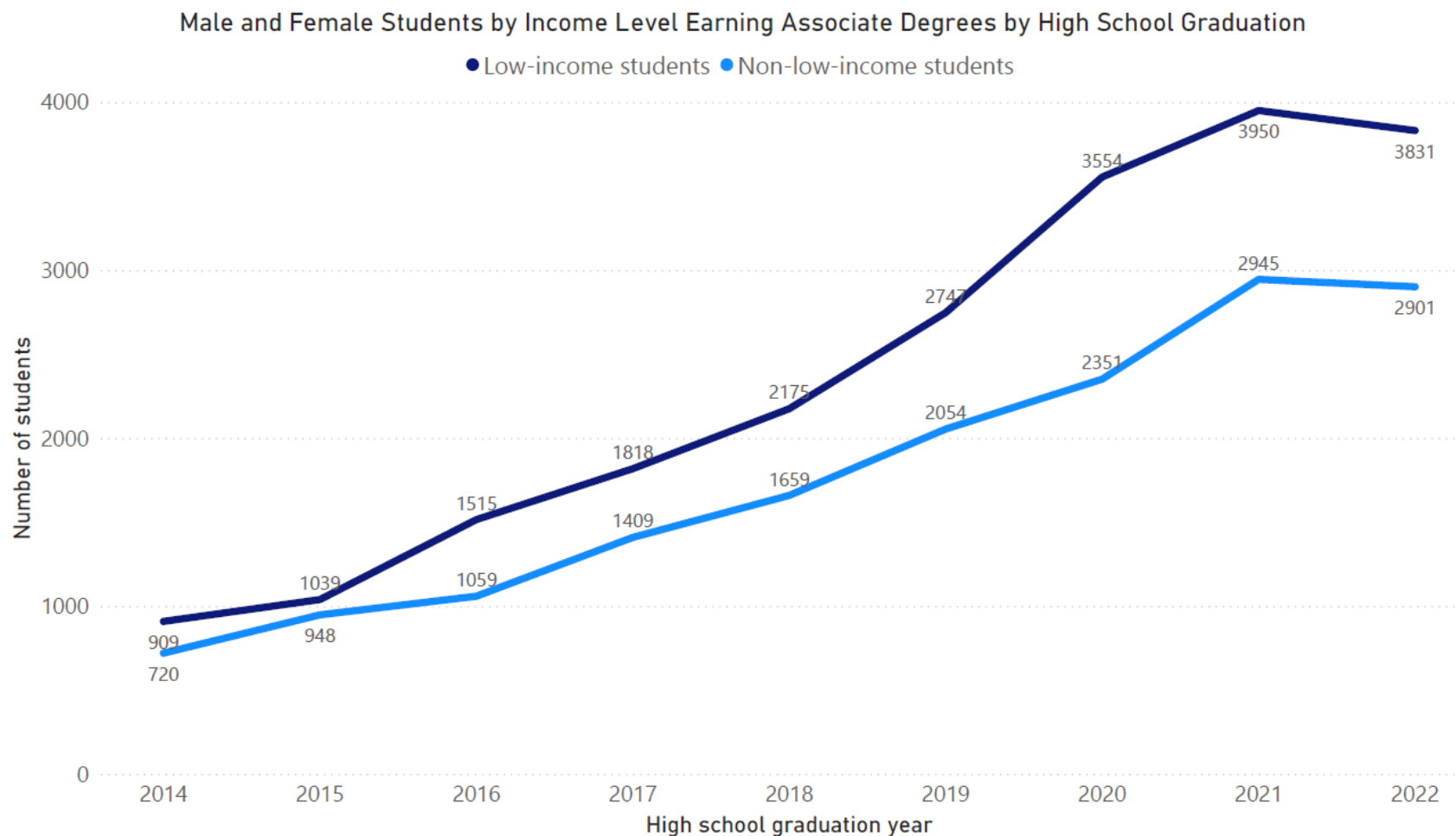


# Male students were the majority of high school graduates with certificates.

All Students by Gender Earning Certificates by High School Graduation

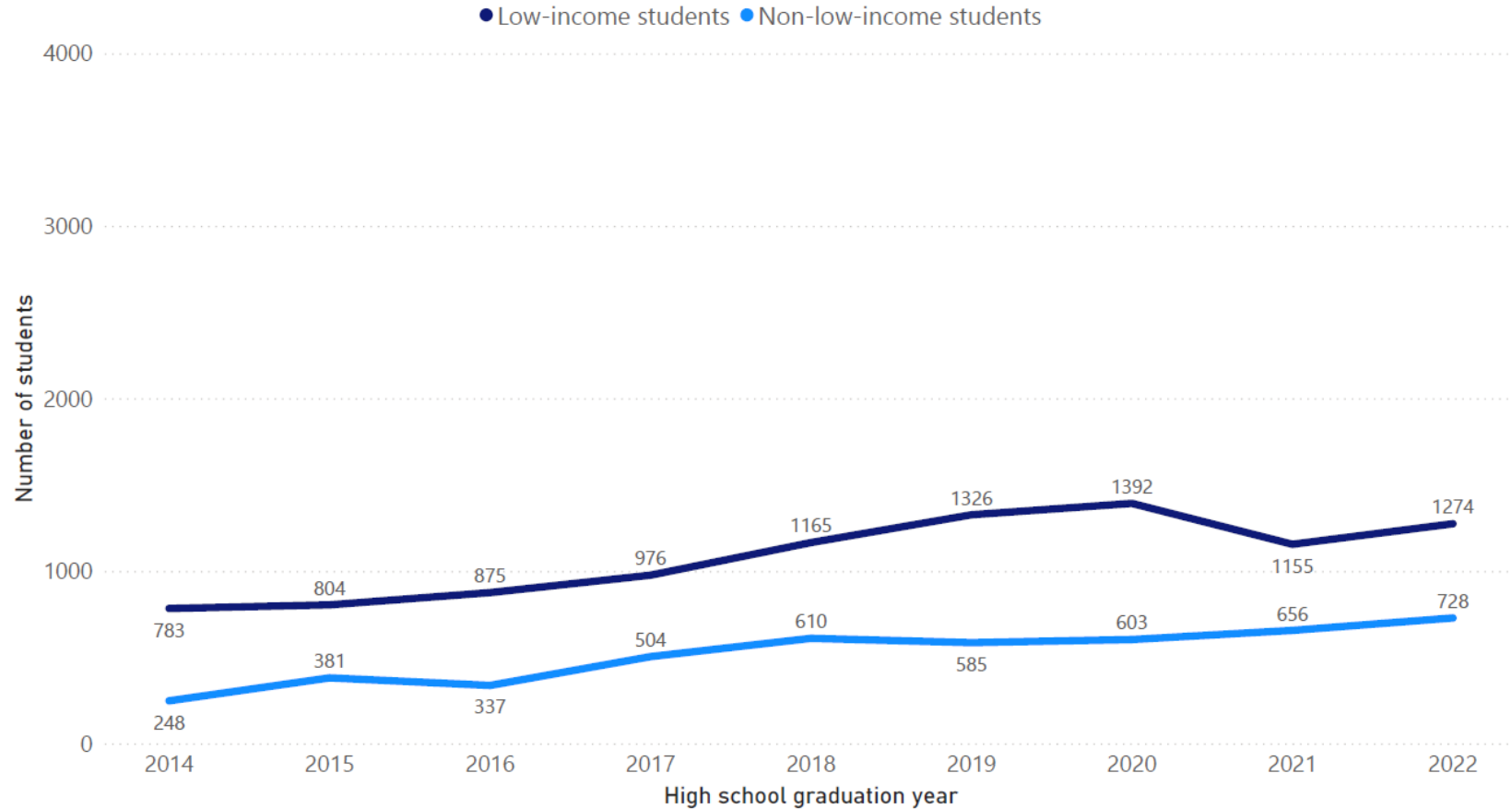


# The majority of high school graduates with associate degrees were economically disadvantaged.



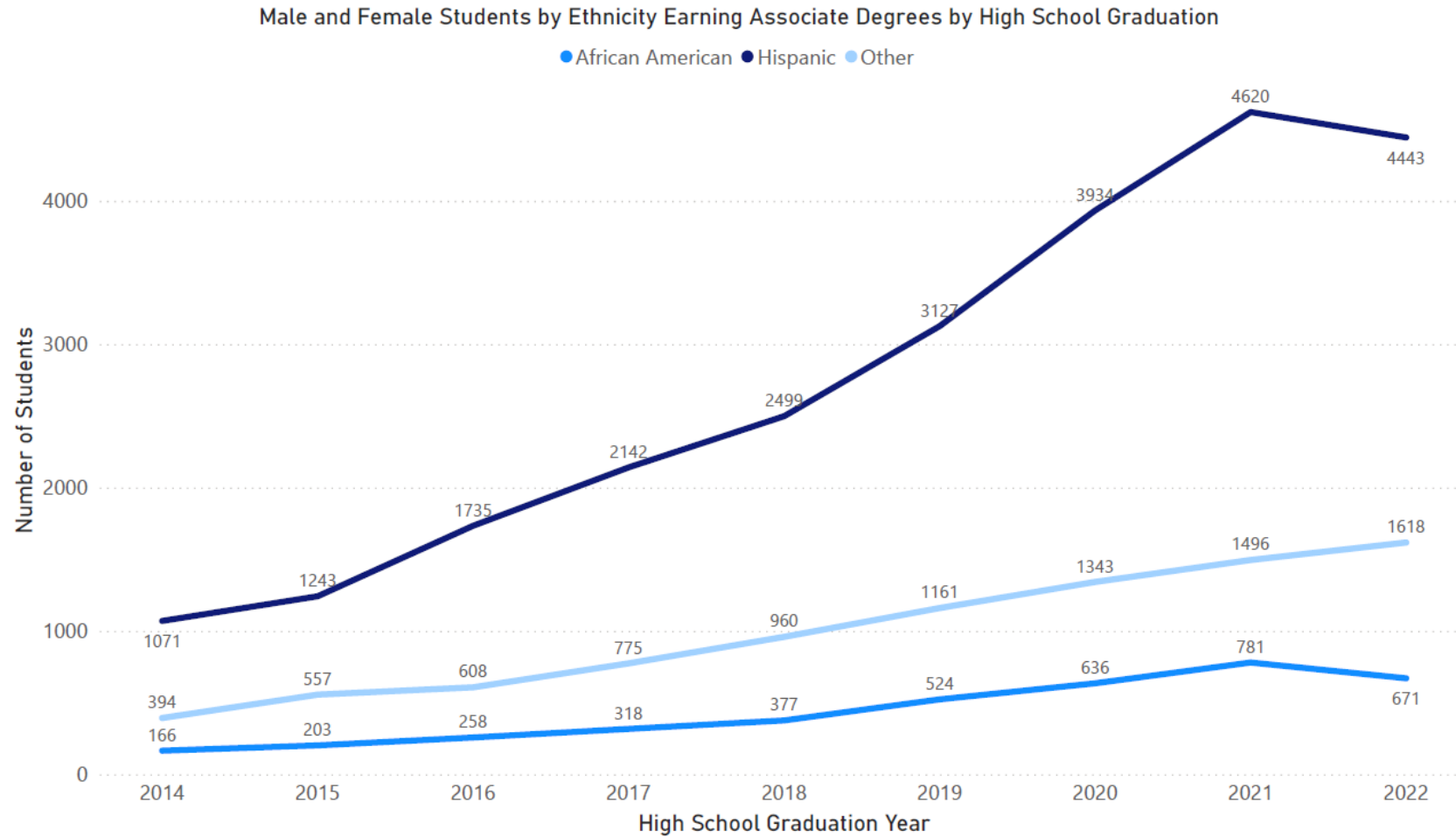
# ... As were the majority of high school graduates with certificates.

Male and Female Students by Income Level Earning Certificates by High School Graduation





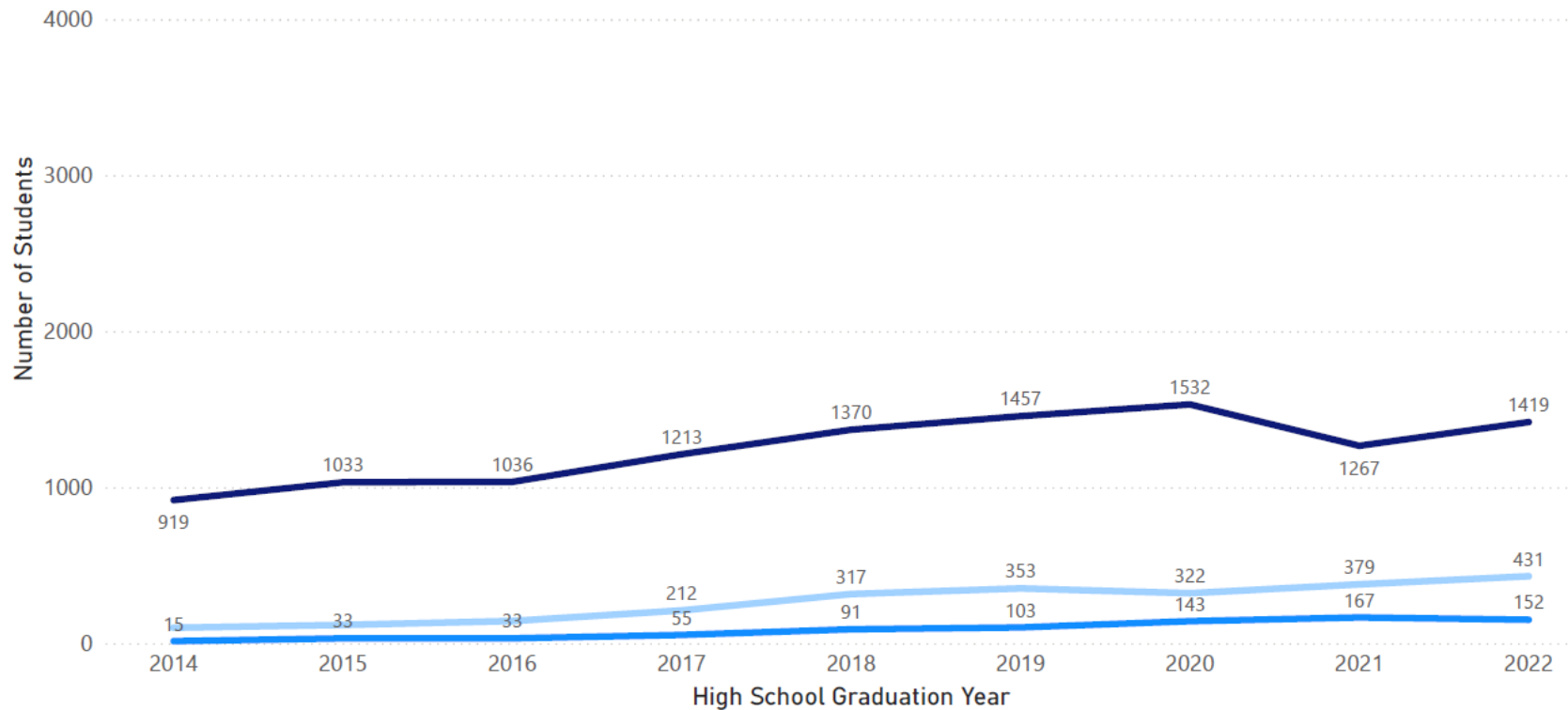
# Hispanic students were the majority of students earning associate degrees.



# Hispanic students were also the majority of certificate earners.

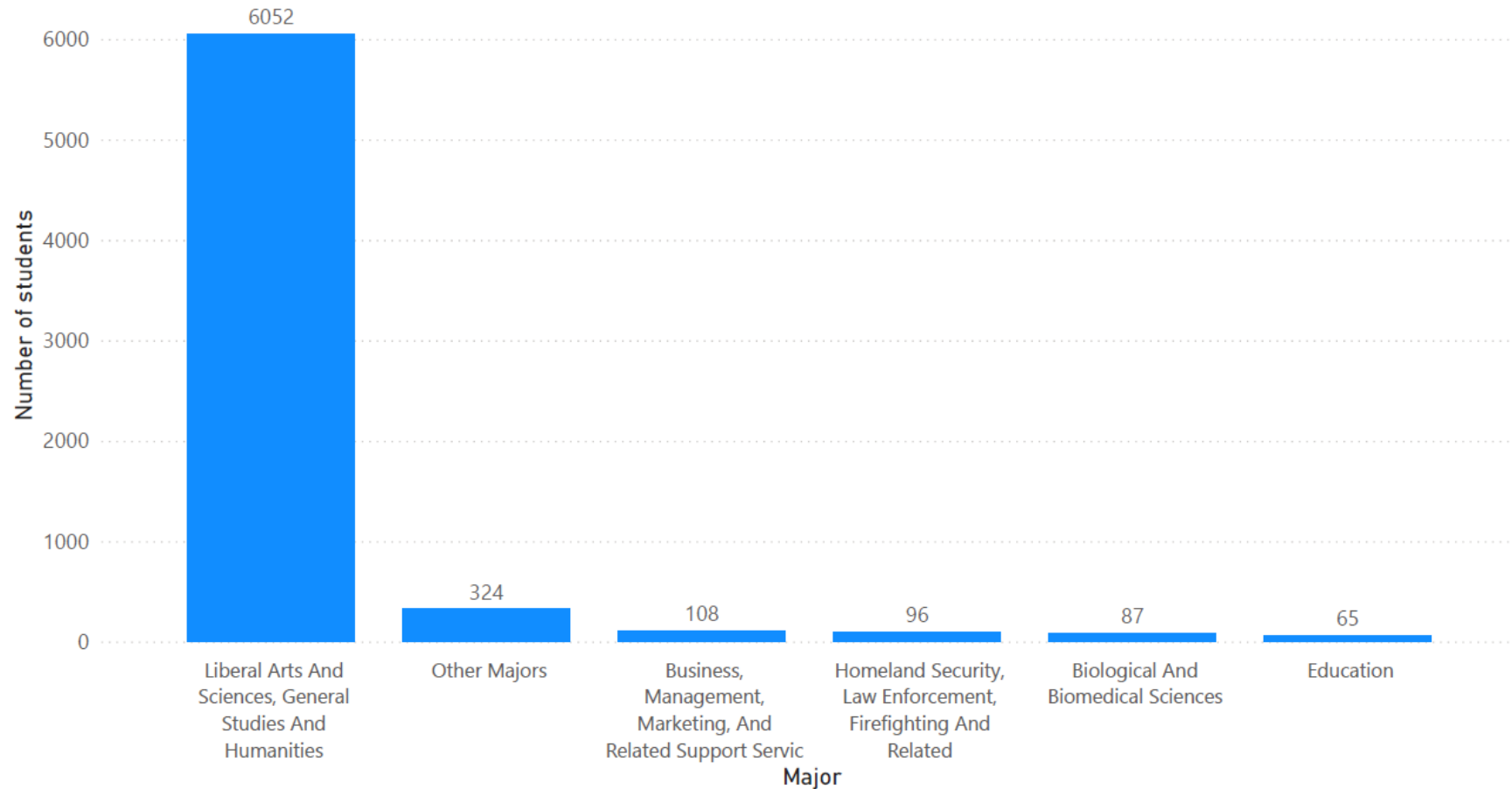
Male and Female Students by Ethnicity Earning Certificates by High School Graduation

● African American ● Hispanic ● Other



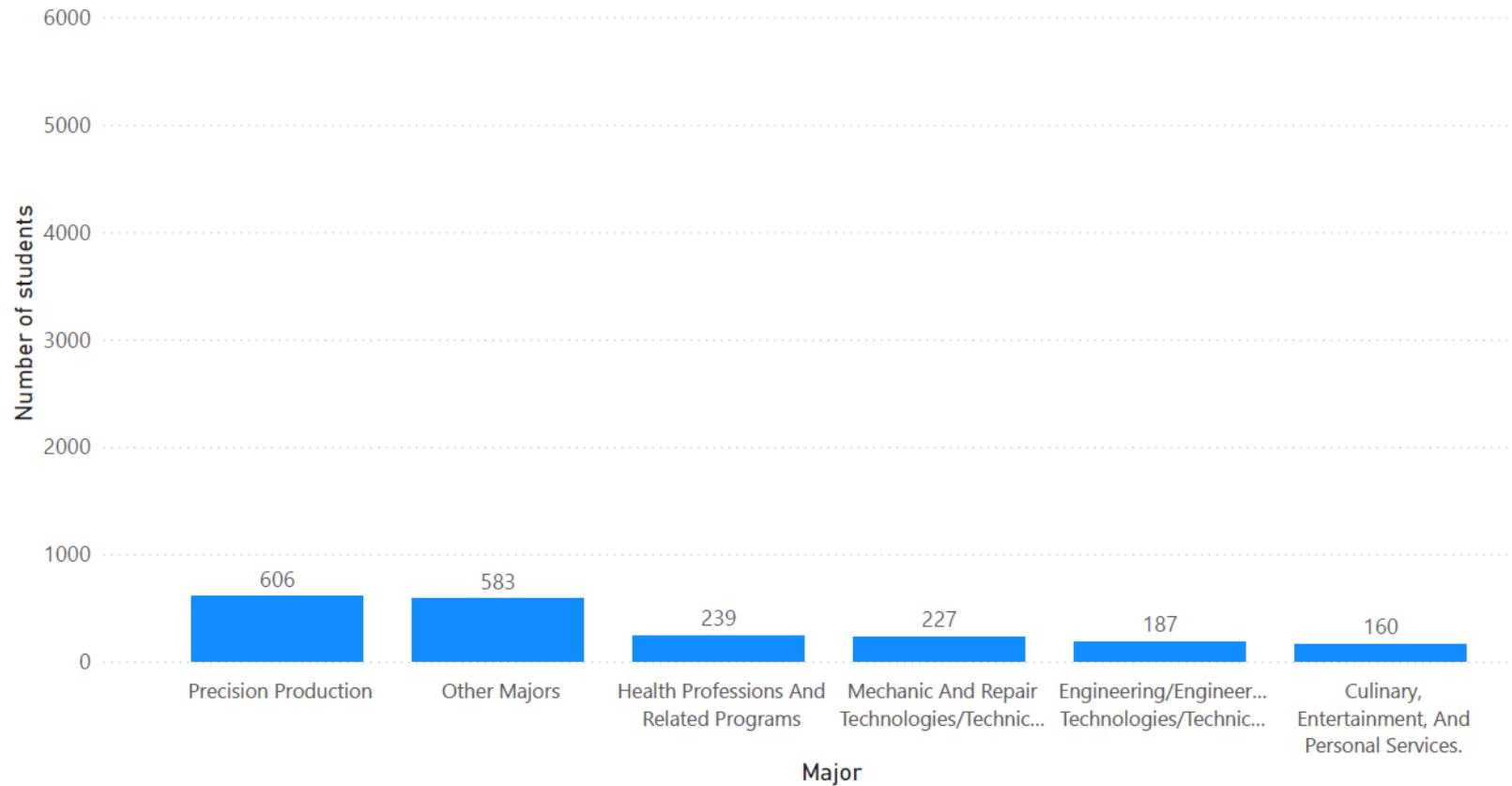
# Liberal arts remained the dominant major of high school associate degree earners in 2022.

Top Majors of Students Earning Associate Degrees by High School Graduation in 2022



# In 2022, the most common major of certificate earners was precision production.

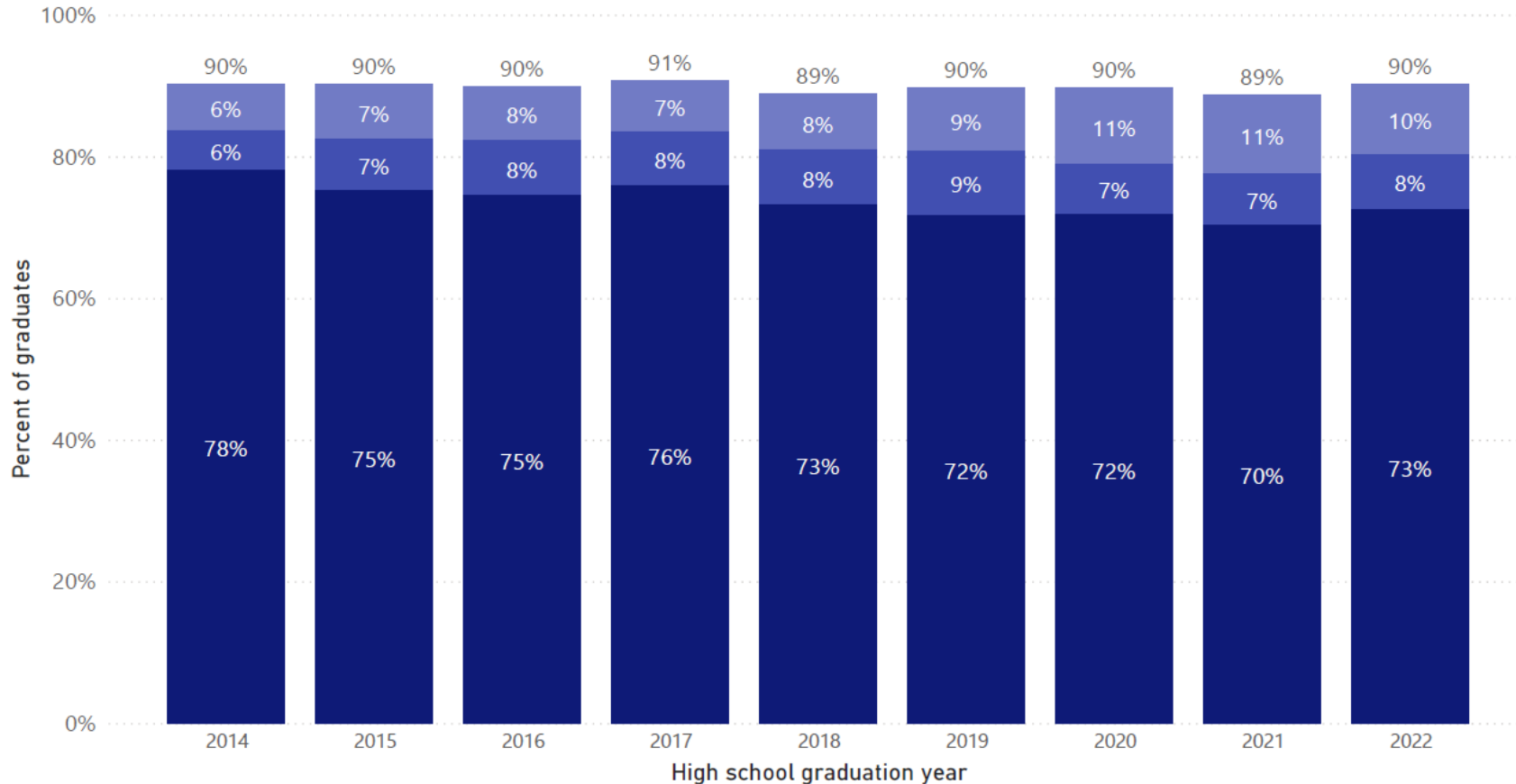
Top Majors of Students Earning Certificates by High School Graduation in 2022



# Most associate degree earners enrolled directly in four-year institutions

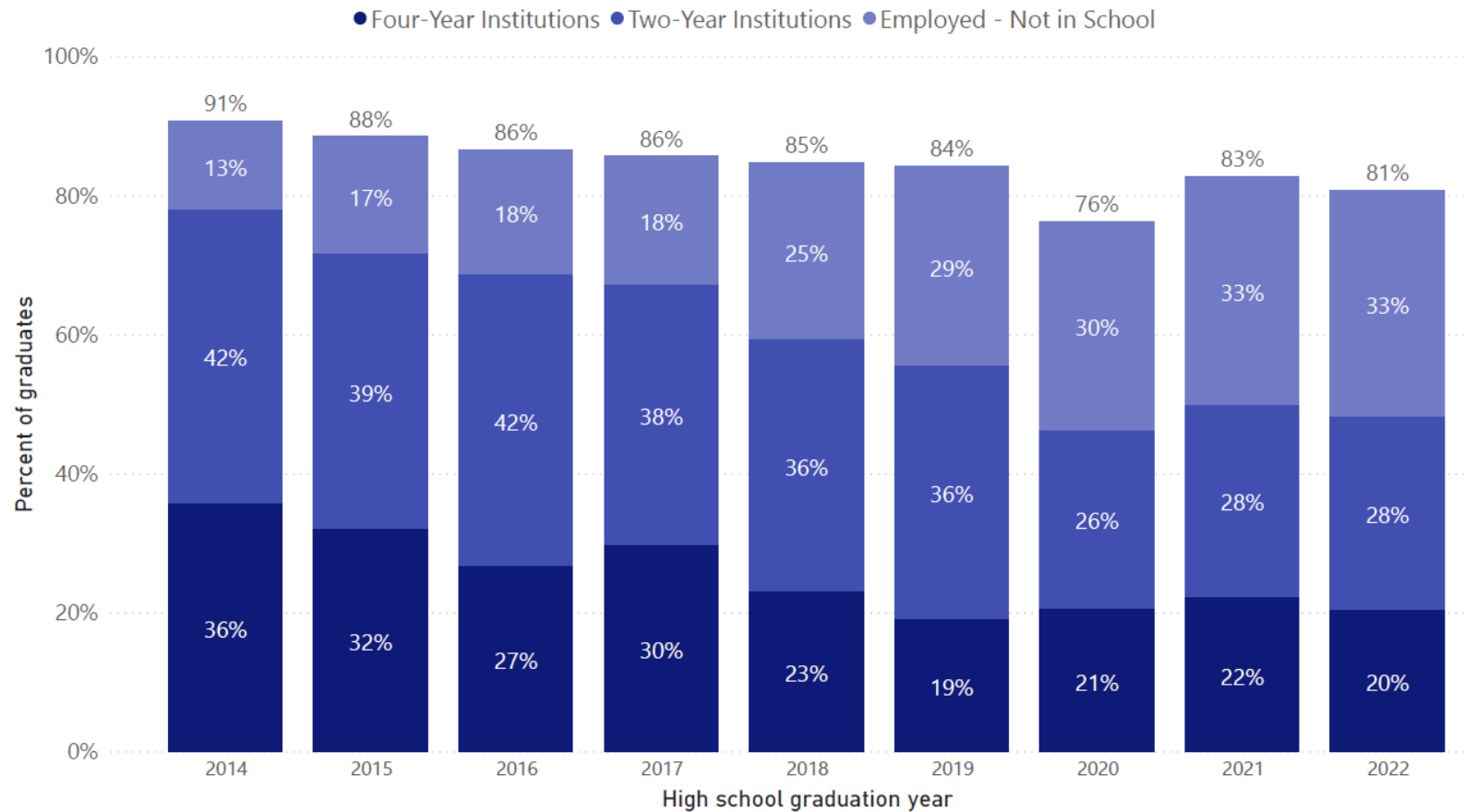
Post-High School Outcomes of Students Earning Associate Degrees by High School Graduation

● Four-Year Institutions ● Two-Year Institutions ● Employed - Not in School



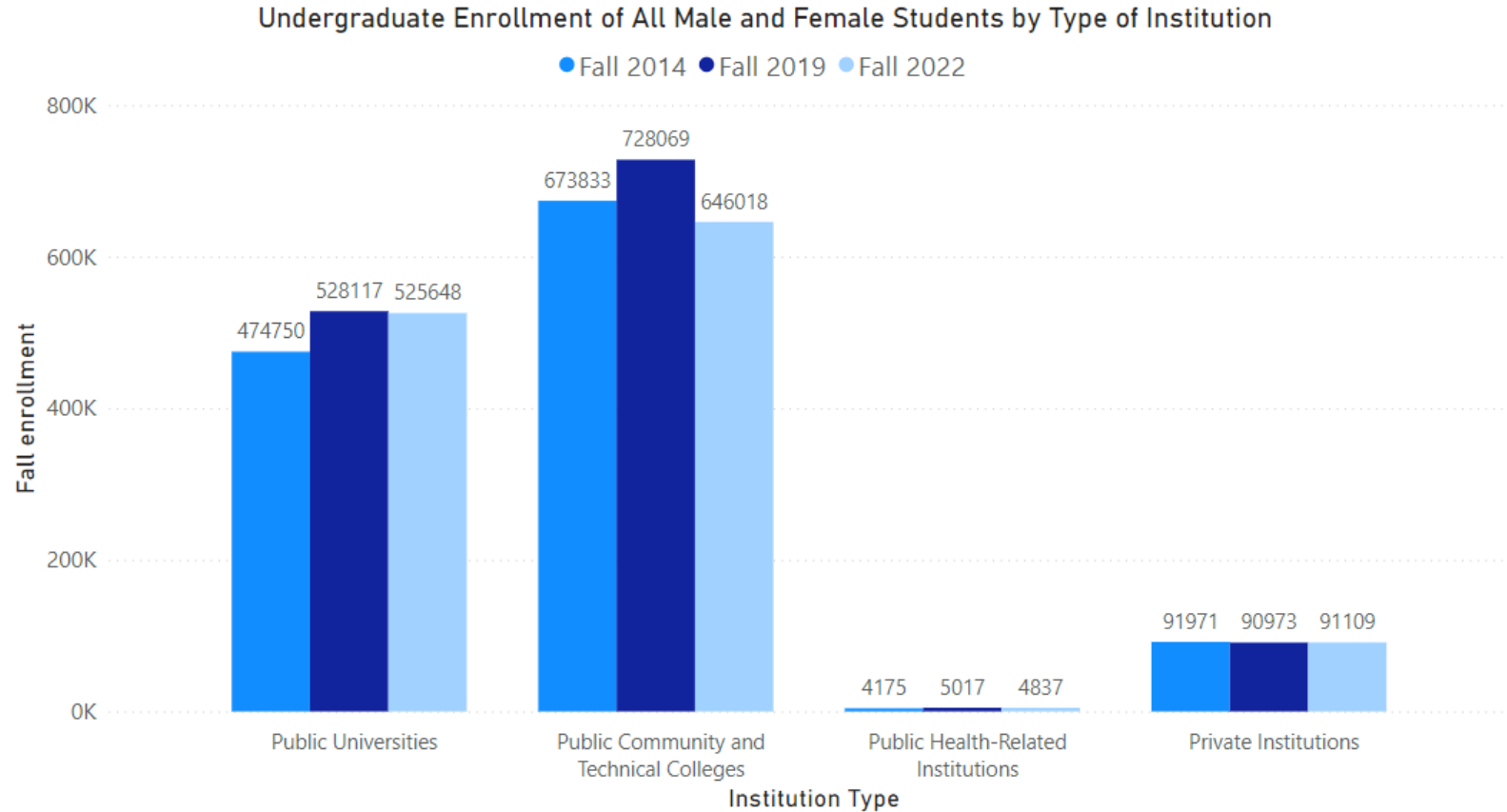
# Most certificate earners enrolled in two-year institutions or went into the workforce without enrolling in higher education

Post-High School Outcomes of Students Earning Certificates by High School Graduation



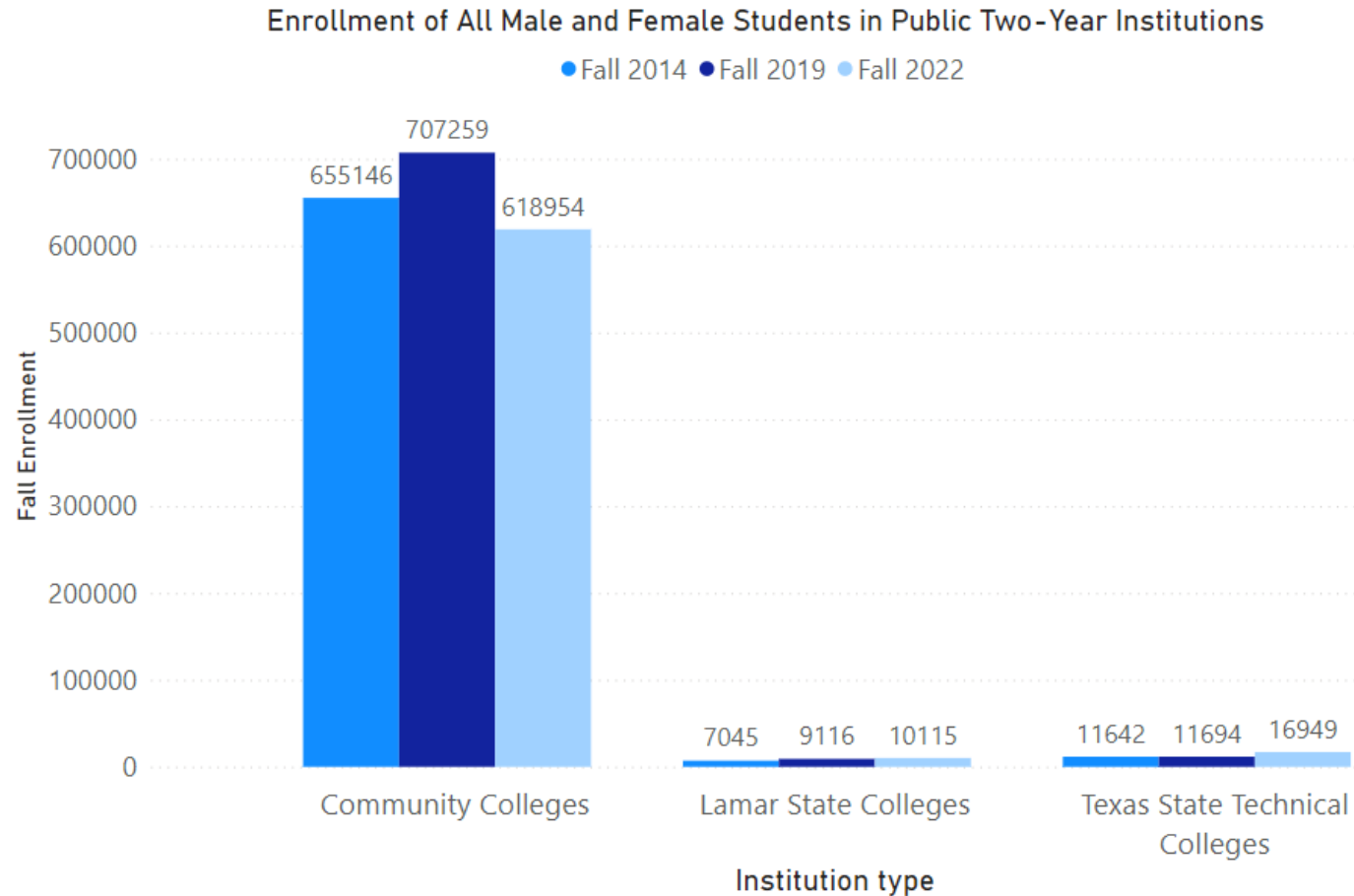
# Enrollment trends

# Enrollment at community colleges was the most impacted by the pandemic





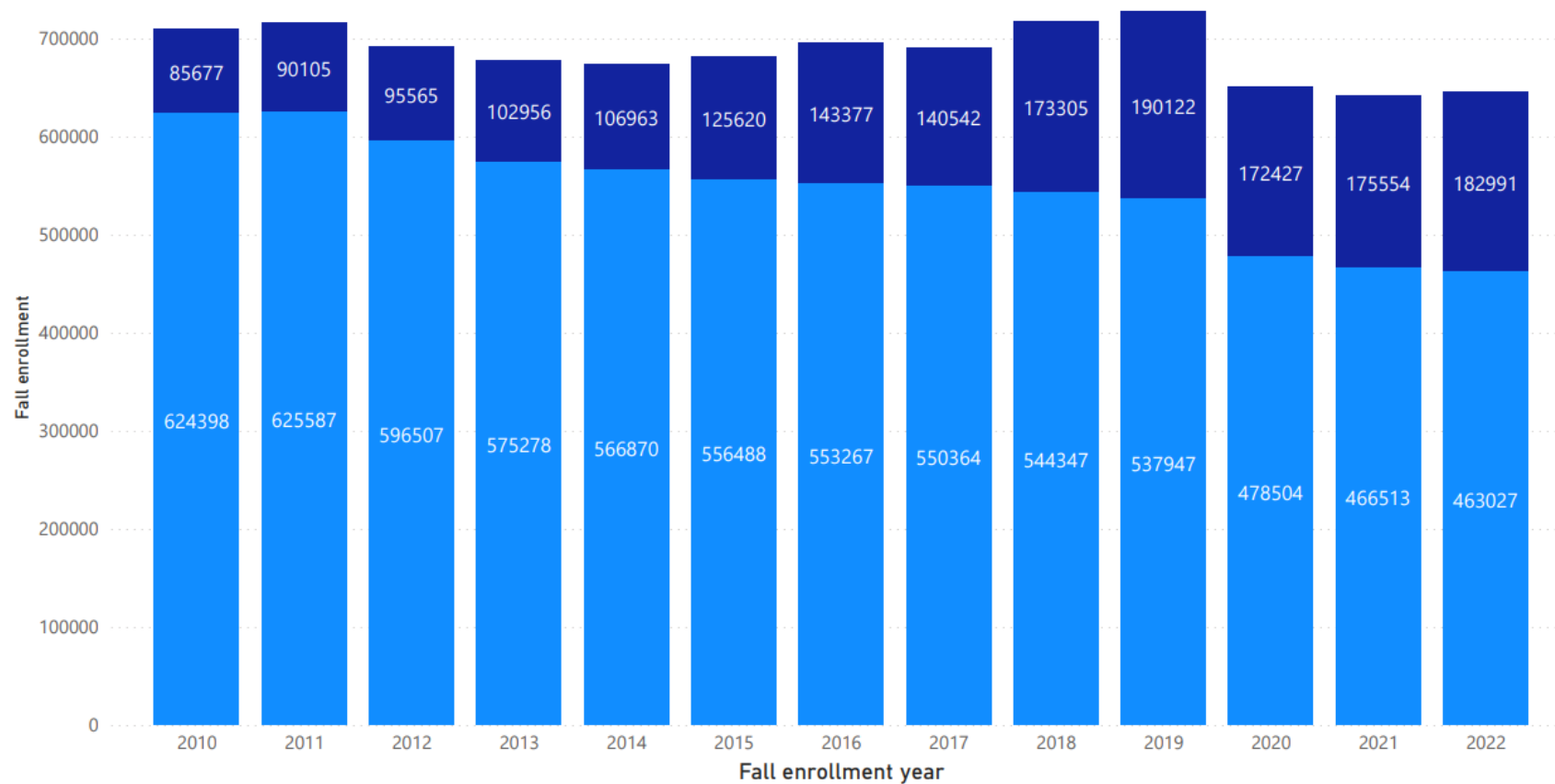
# Within CTCs, community college enrollment declined; technical college enrollment increased



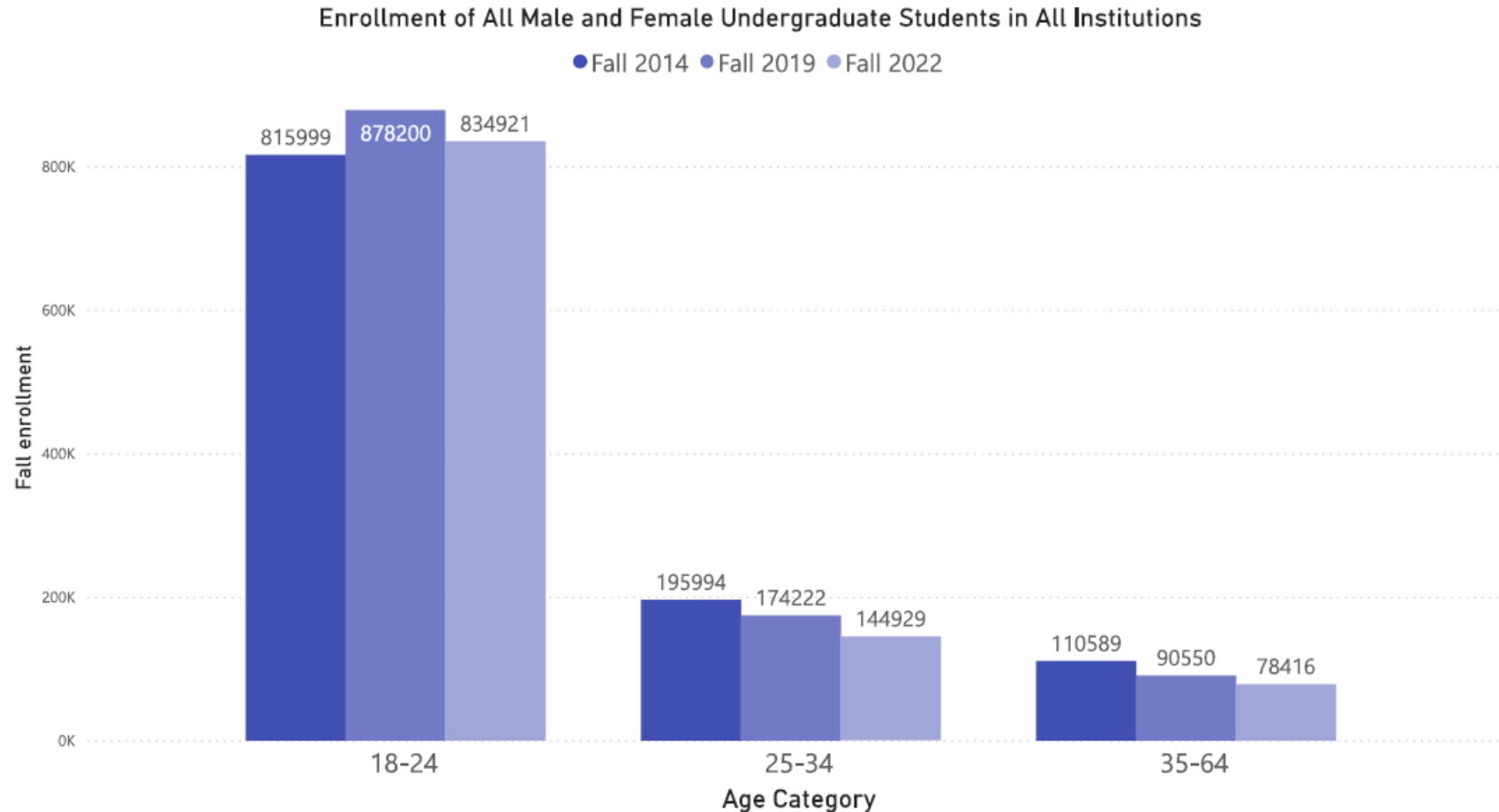
# Dual credit students accounted for increases in community college enrollment through 2019

Enrollment in Public Community and Technical Colleges by Dual Credit Status

● Non-dual credit students ● Dual credit students



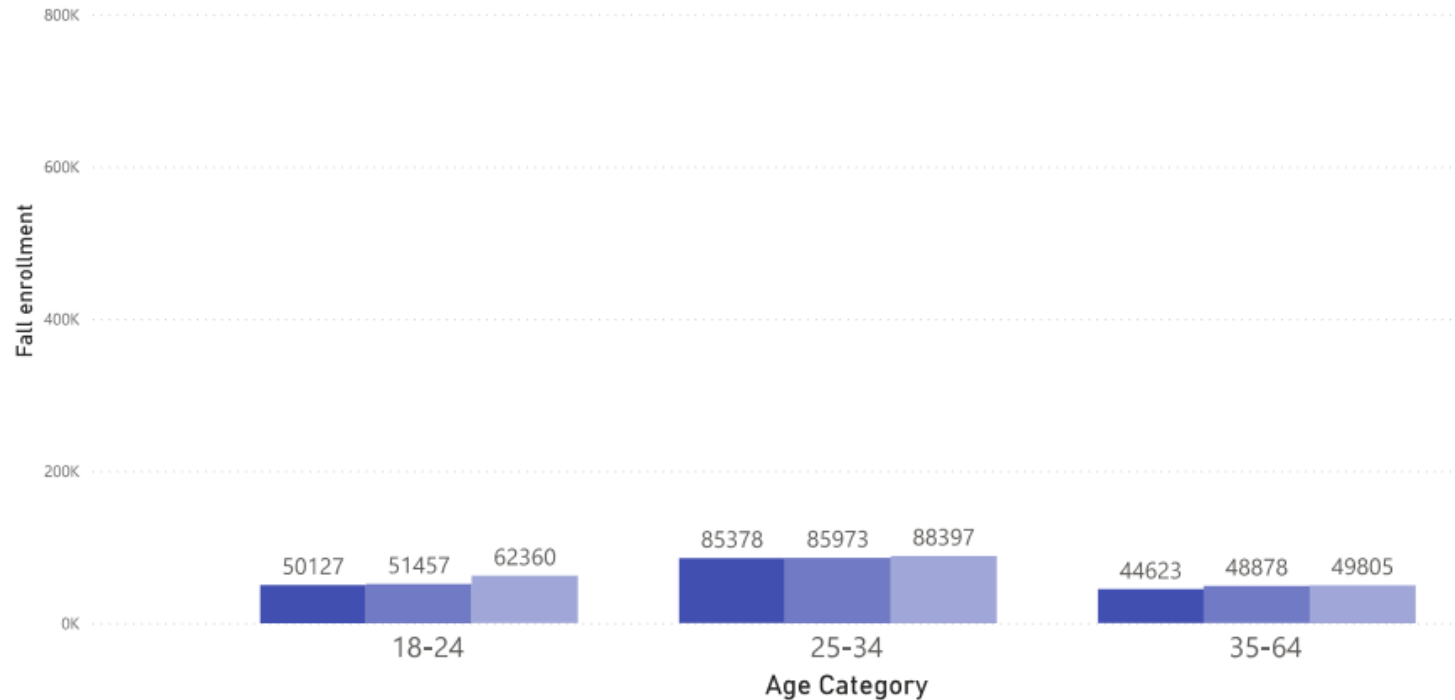
# Undergraduate enrollment of older students declined even before the pandemic



# Graduate enrollment of older students has remained stable or increased

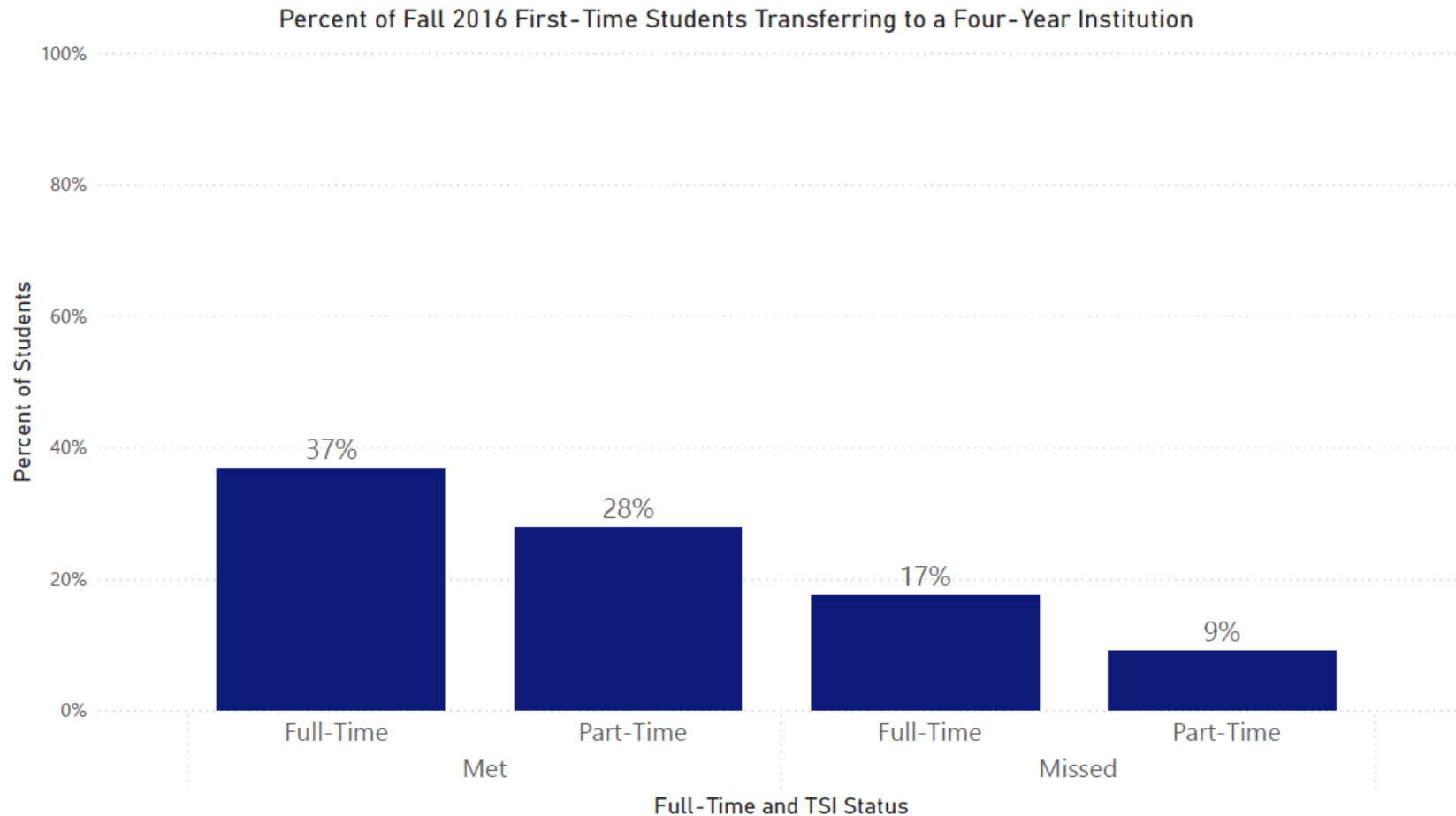
Enrollment of All Male and Female Graduate Students in All Institutions

● Fall 2014 ● Fall 2019 ● Fall 2022



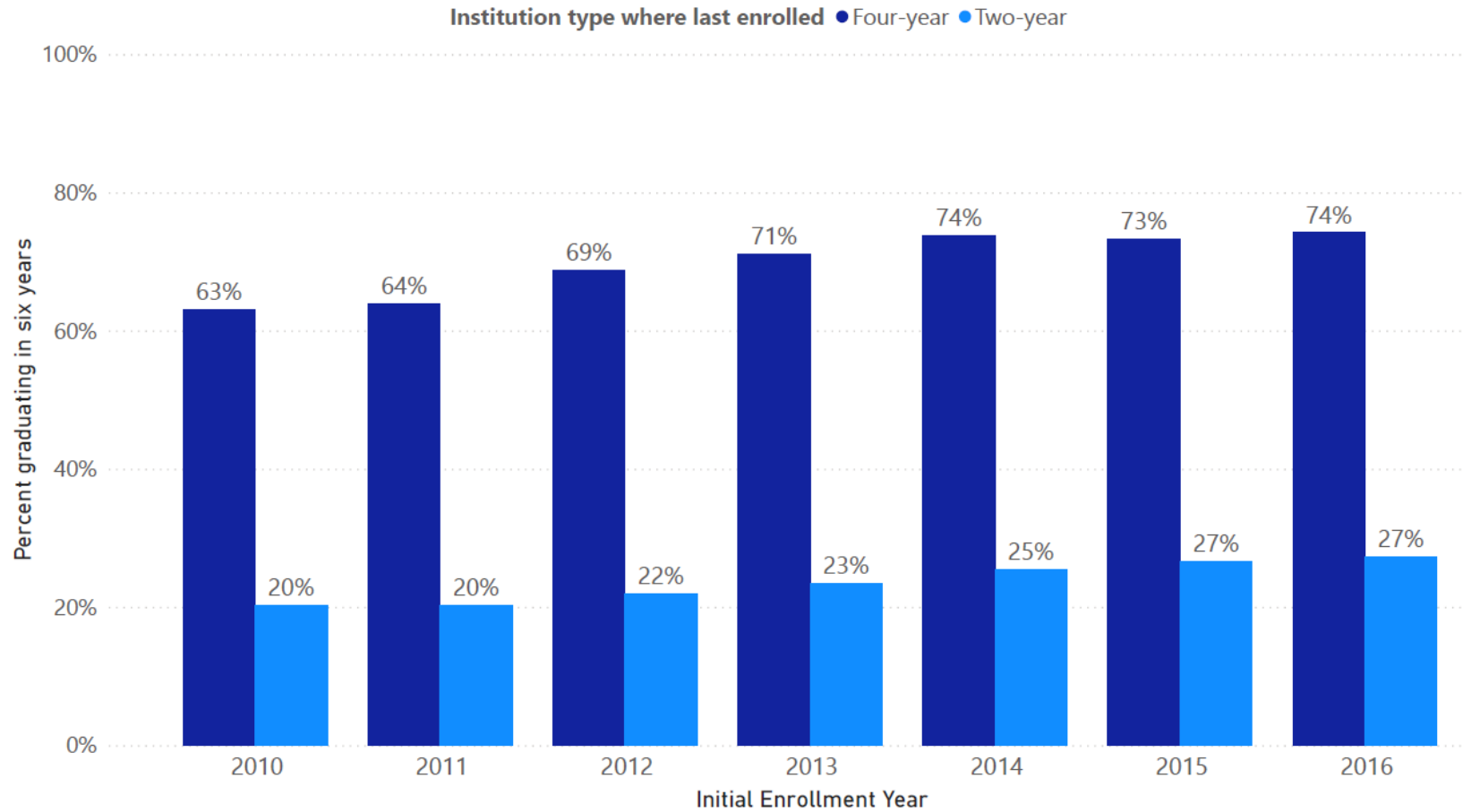
Six-year graduation rates of  
entering CTC students:  
role of academic readiness, full-  
time status, and transfer

# Meeting TSI has made a larger difference than full-time status in the odds the student will transfer



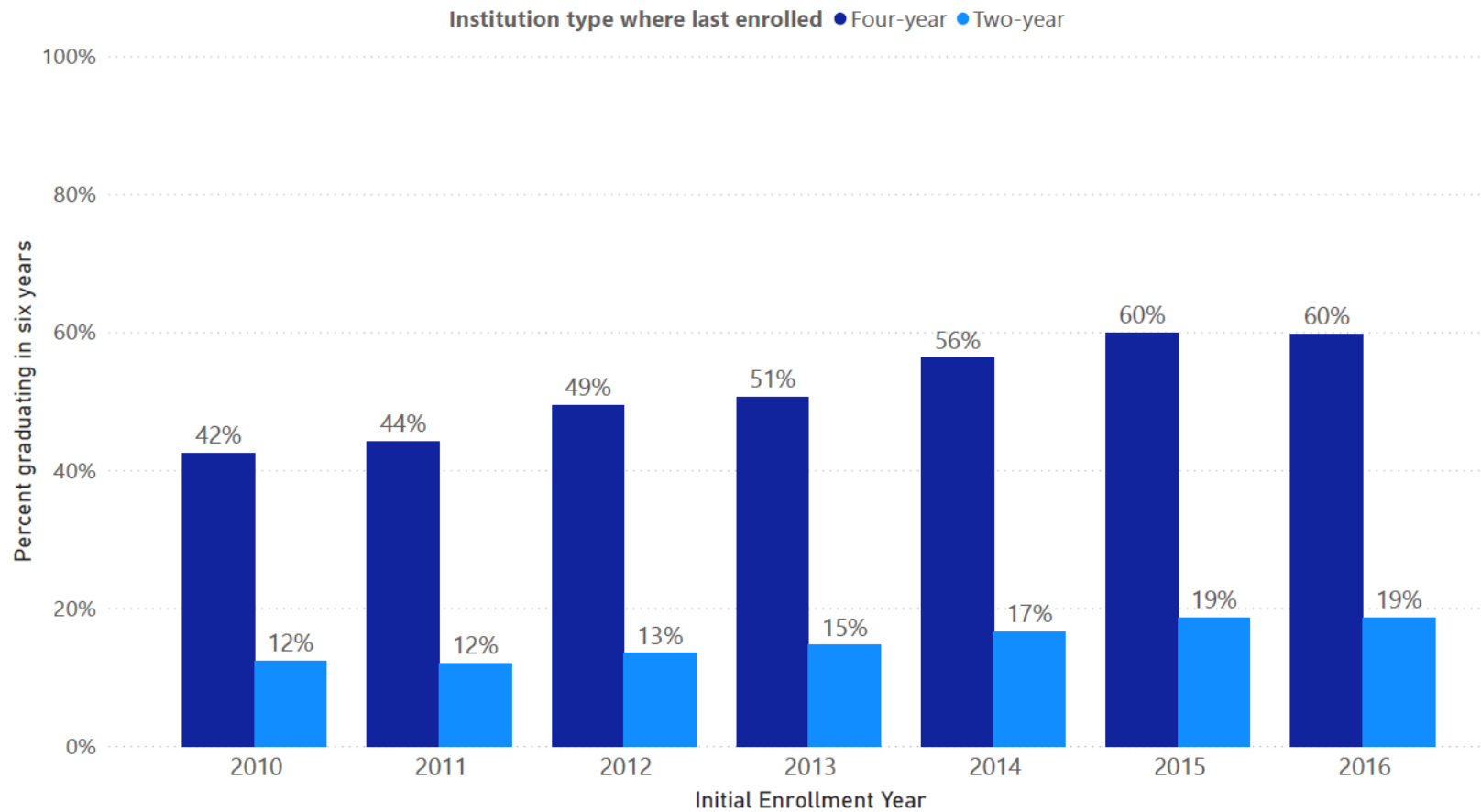
# Transferring has been associated with higher odds the student will earn a degree in six years

Six-Year Graduation Rates by Transfer Status of All CTC Students with Any-TSI Status



# Transferring has also made a large difference in graduation rates for part-time students missing TSI

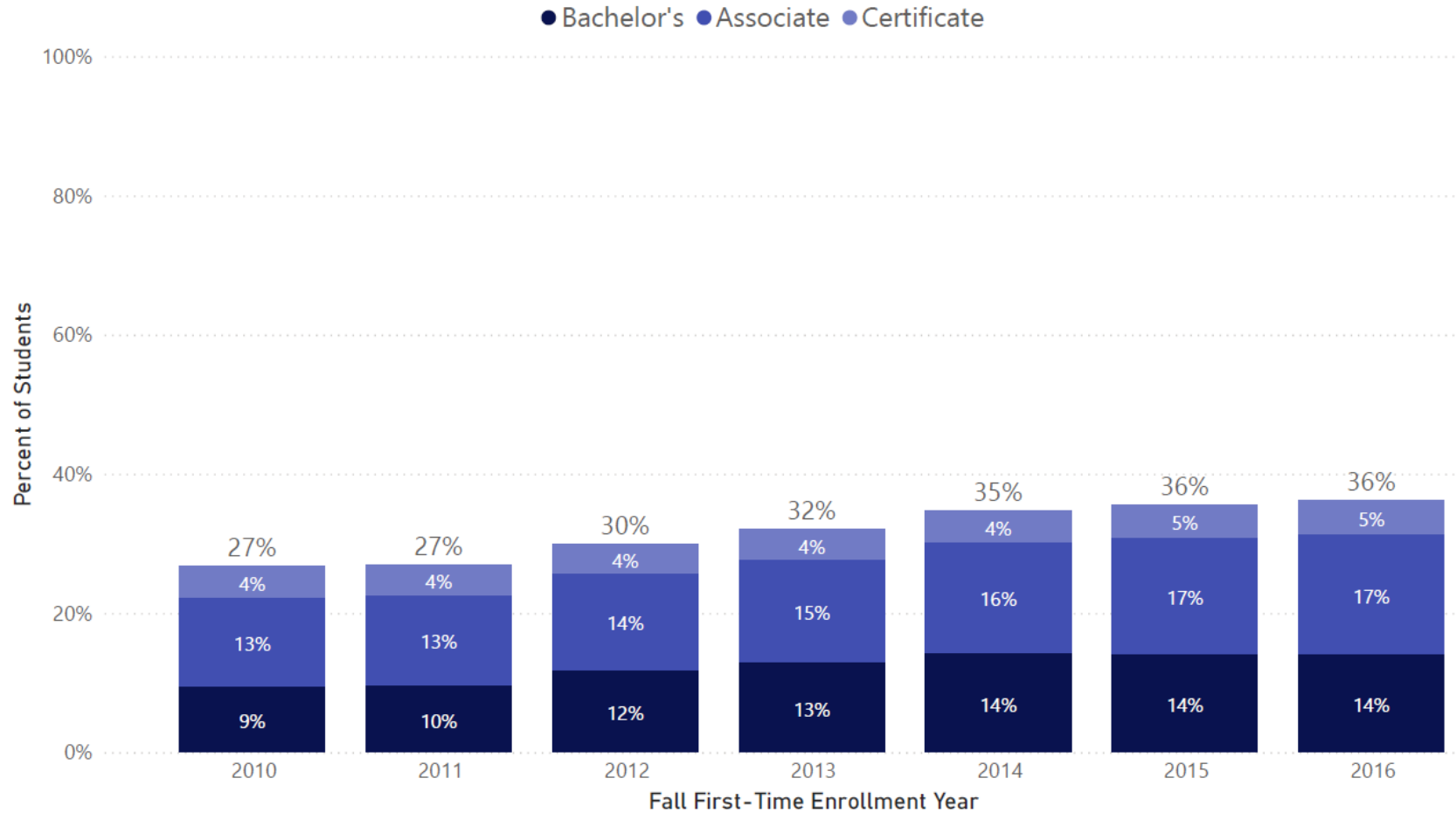
Six-Year Graduation Rates by Transfer Status of Part-Time CTC Students with Missed-TSI Status





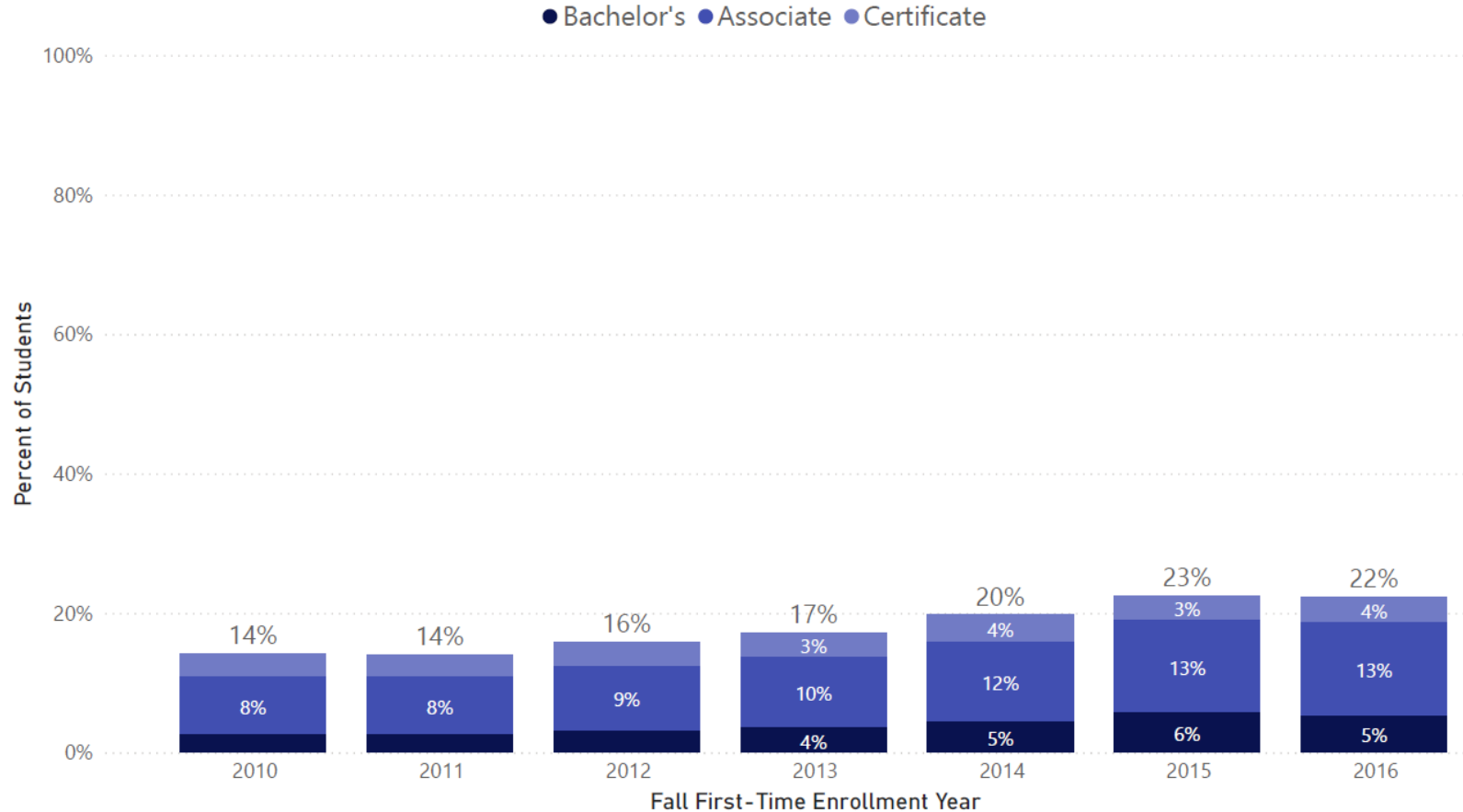
# Aggregating across transfers and non-transfers, CTC graduation rates have increased over time

Six-Year Outcomes of All First-Time CTC Students with Any-TSI Status



# CTC graduation rates have been lowest for part-time students missing TSI

Six-Year Outcomes of Part-Time First-Time CTC Students with Missed-TSI Status



# Future Research

CB next step topics:

For those who don't transfer or earn any degree/credential:

- How many are still in school? Out of school and in the workforce? What is the distribution of their wages?
- For different pathways that we define, what are students' odds of earning a living wage in the first few years after they leave school?

Audience: where do you want research in this area to go?

# Additional slides