



Nevada System of Higher Education Board of Regents Presentation

December 2-3, 2021



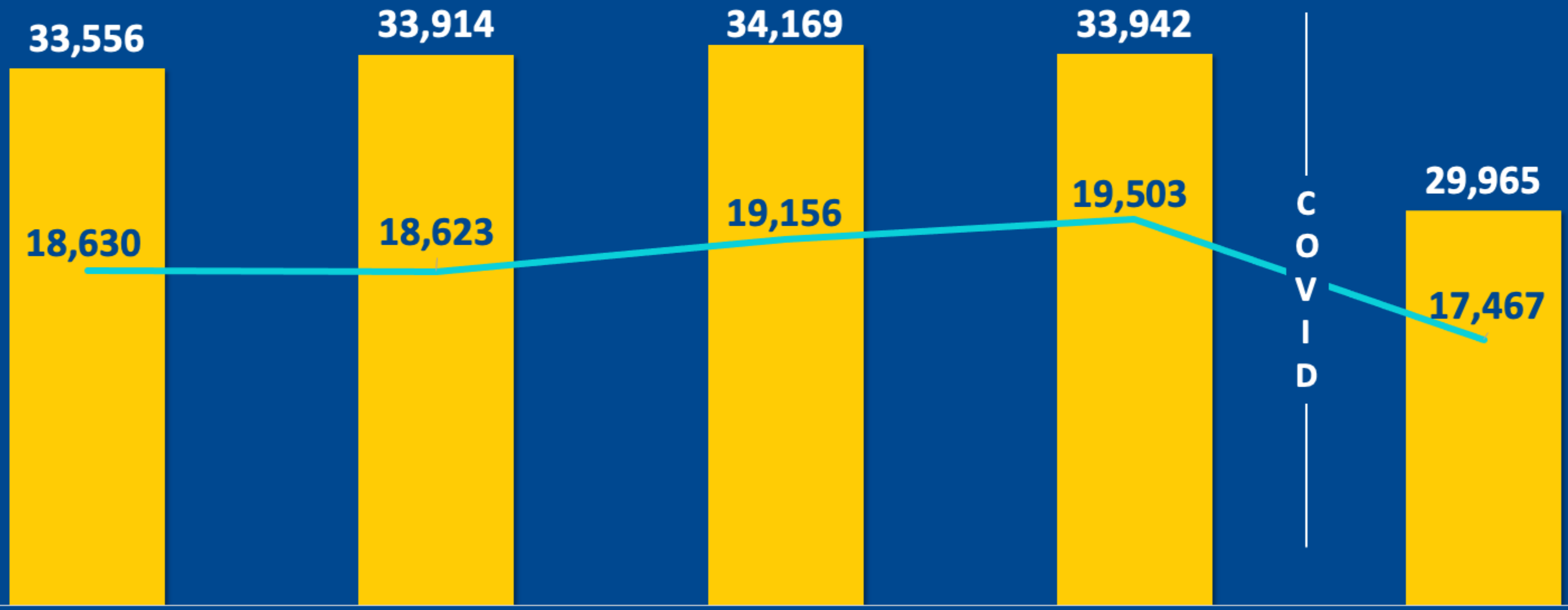
# We Empower Students & Communities

## ACHIEVE - SUCCEED - PROSPER





# Fall Enrollment Headcount/FTE



Report Year

2016-17

2017-18

2018-19

2019-20

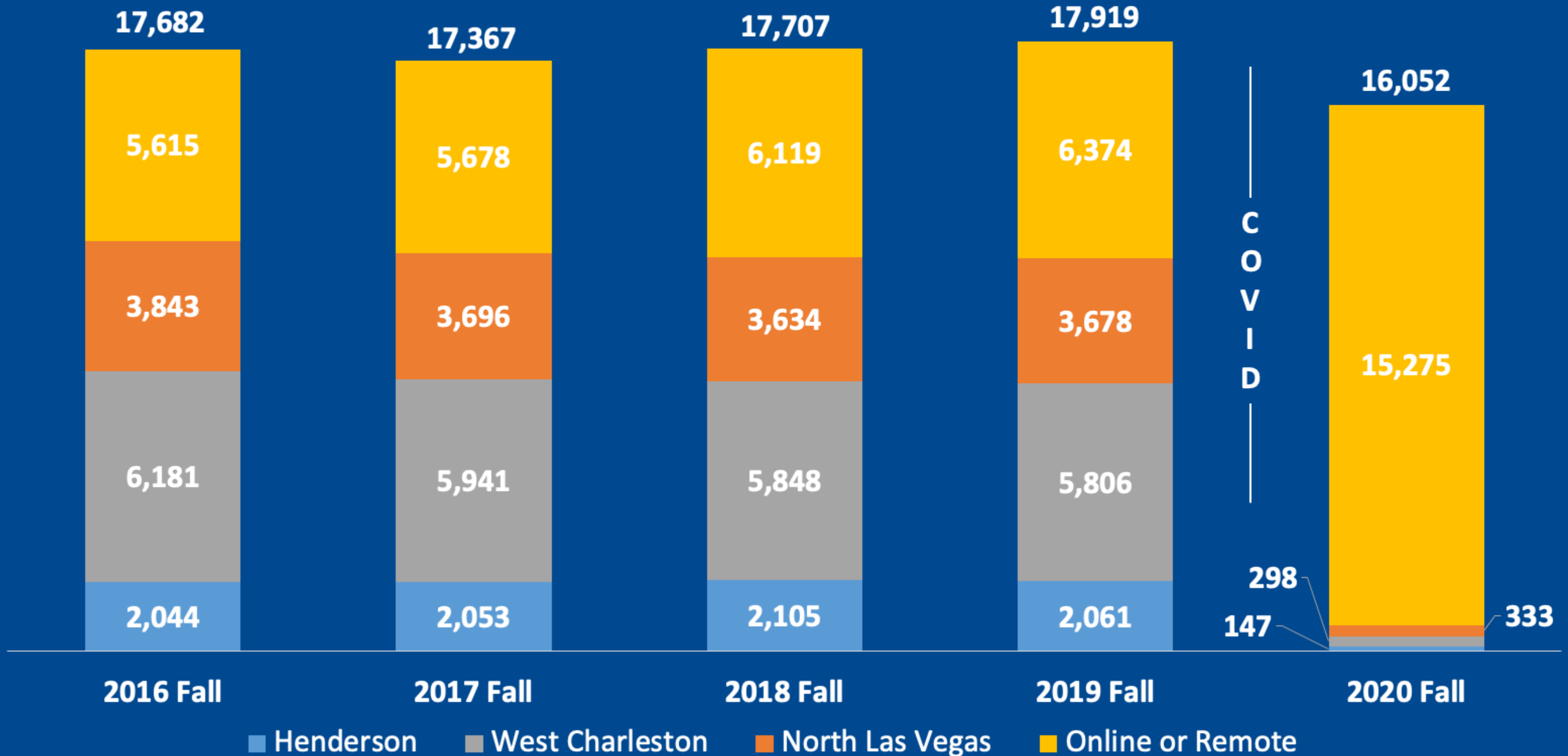
2020-21

■ IPEDS Headcount — NSHE FTE

Source: IPEDS Fall Enrollment Surveys; CSN Institutional Research

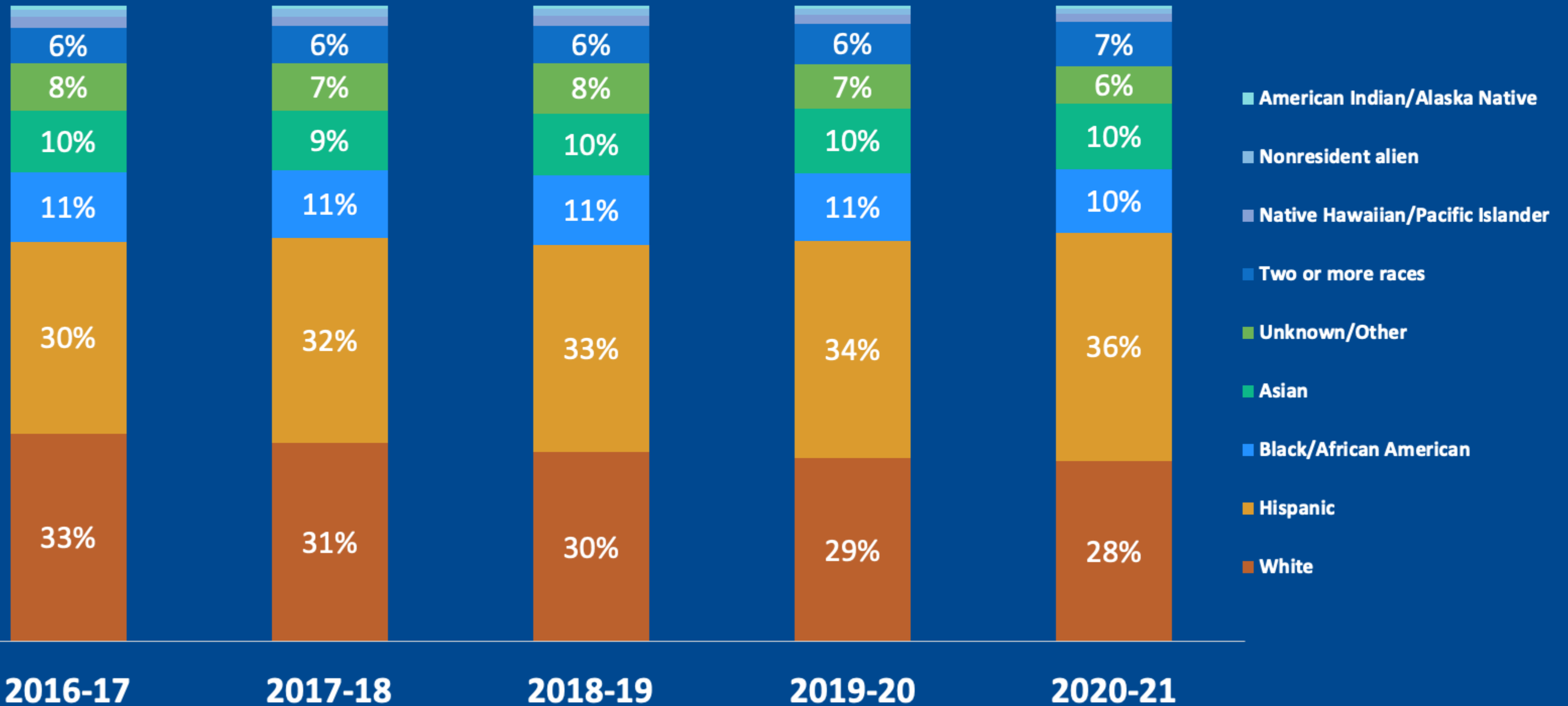


# FTE by Campus





# 5-Year Fall Enrollment by Race/Ethnicity Diversity Trend

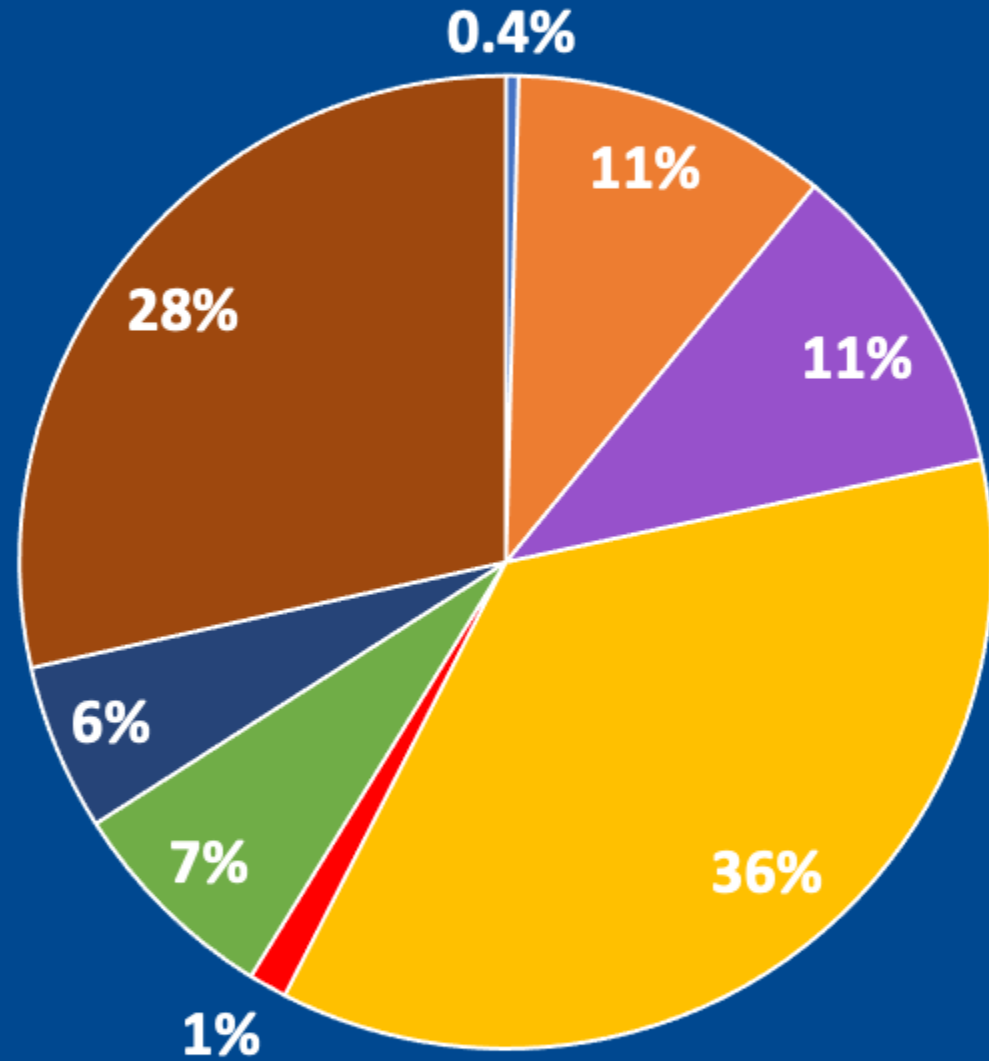


Source: IPEDS Fall Enrollment Surveys

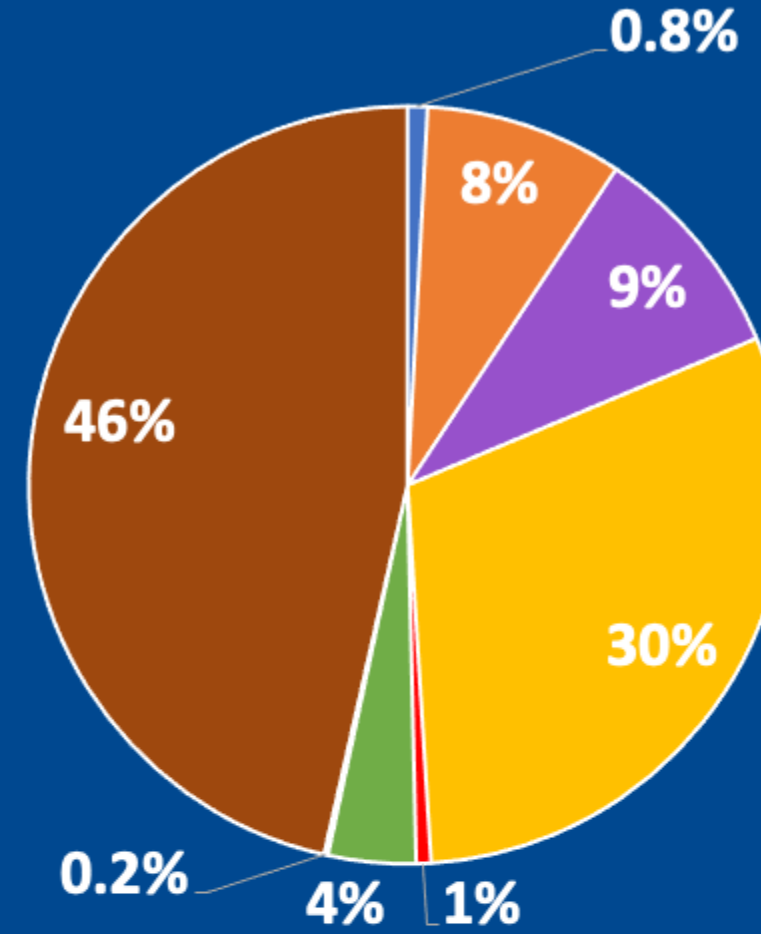


# Diversity Trends

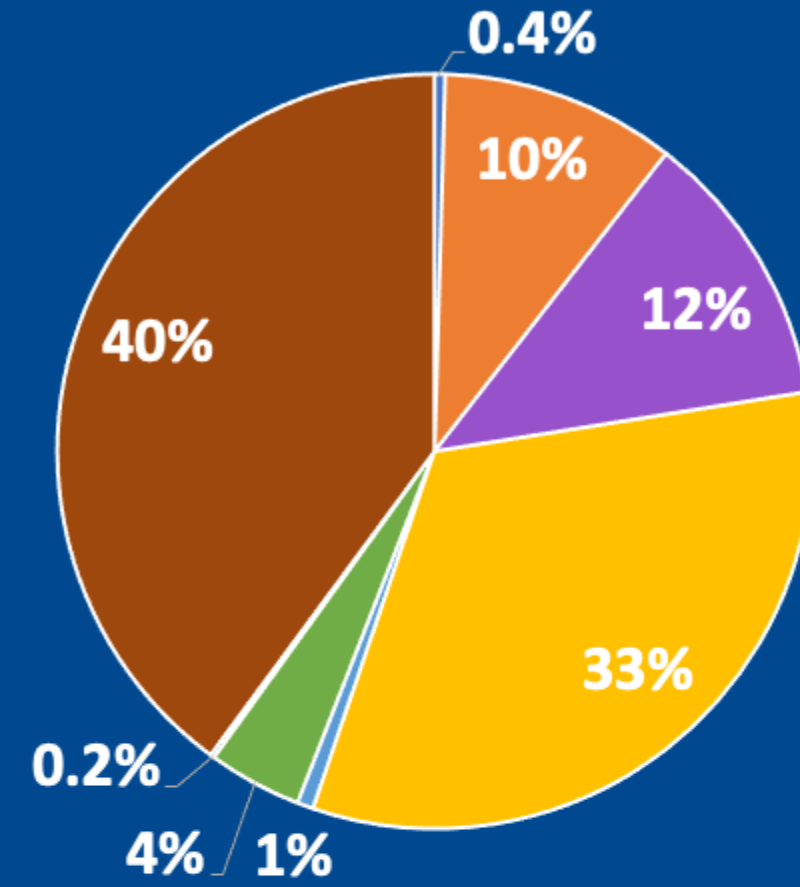
CSN 2020-21



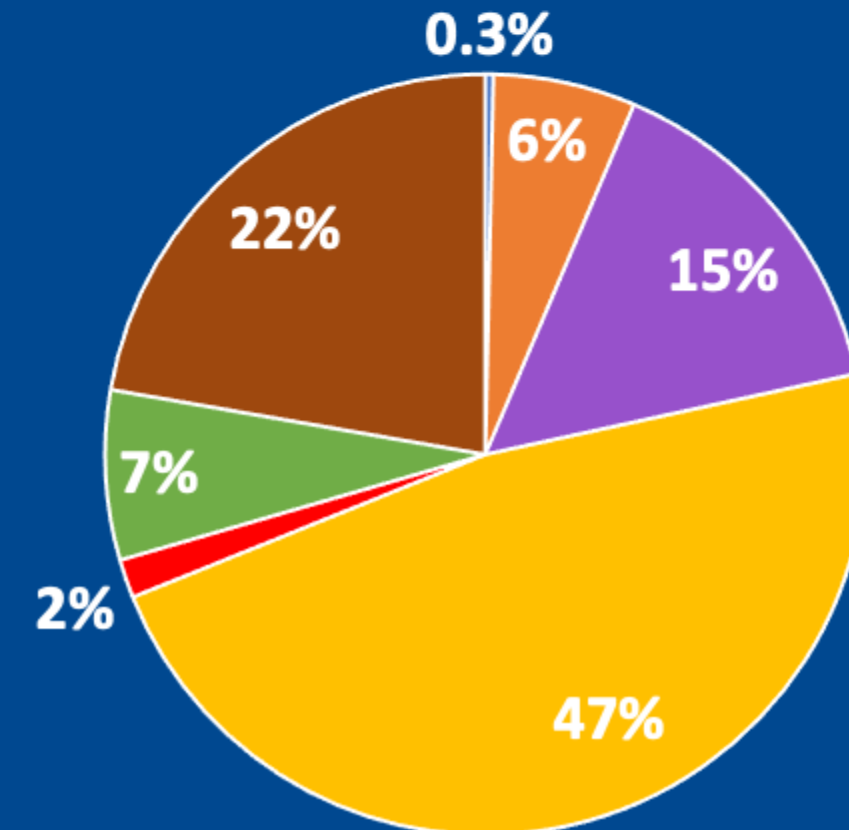
Nevada 2020



Clark County 2020



CCSD 2020-21



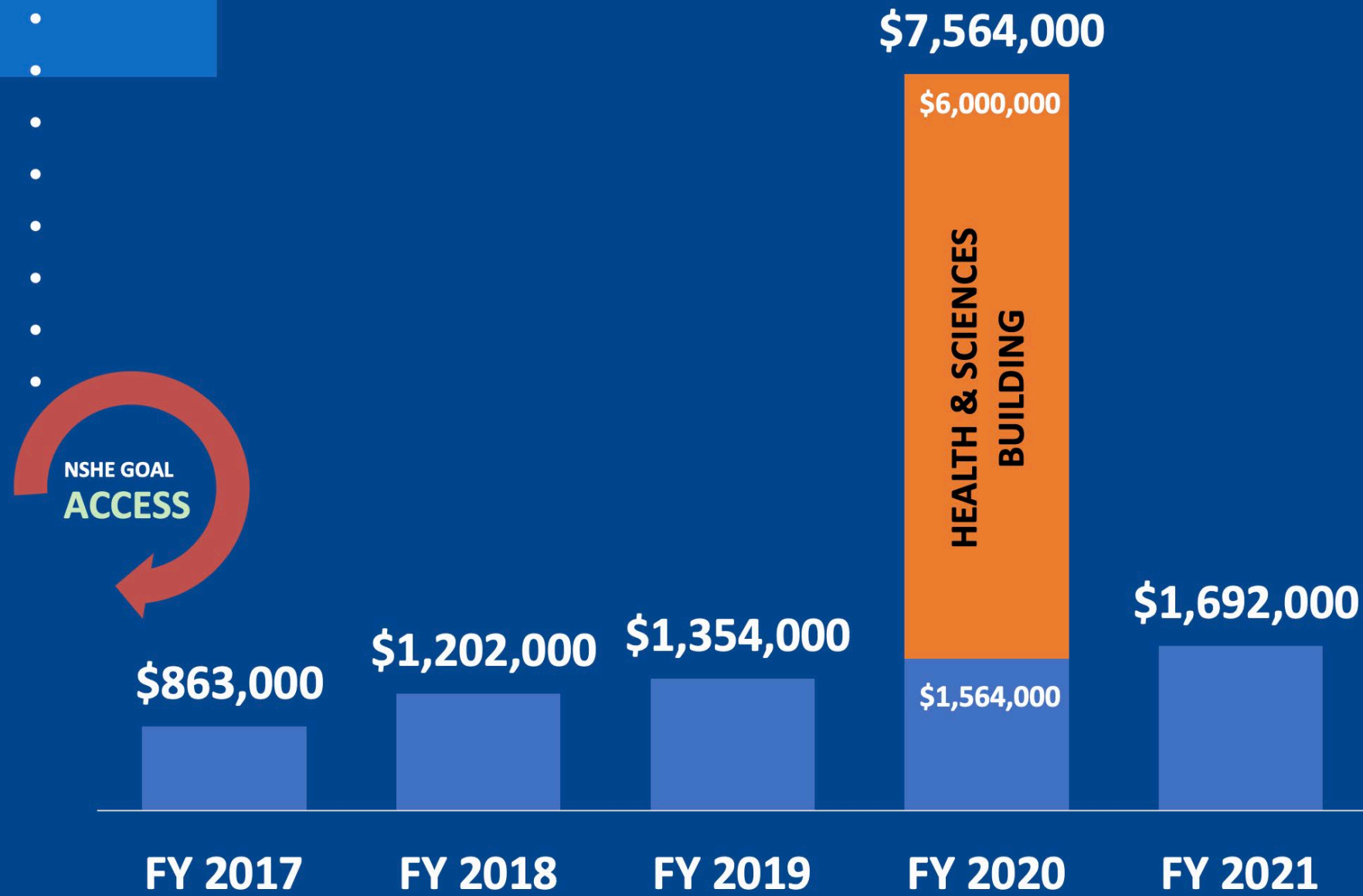
- American Indian
- Asian
- Black/African American
- Hispanic
- Hawaiian/Pacific Islander
- Two or More
- Unknown/Other
- White

Source: HealthySouthernNevada.org; NV Report Card; CSN Institutional Research

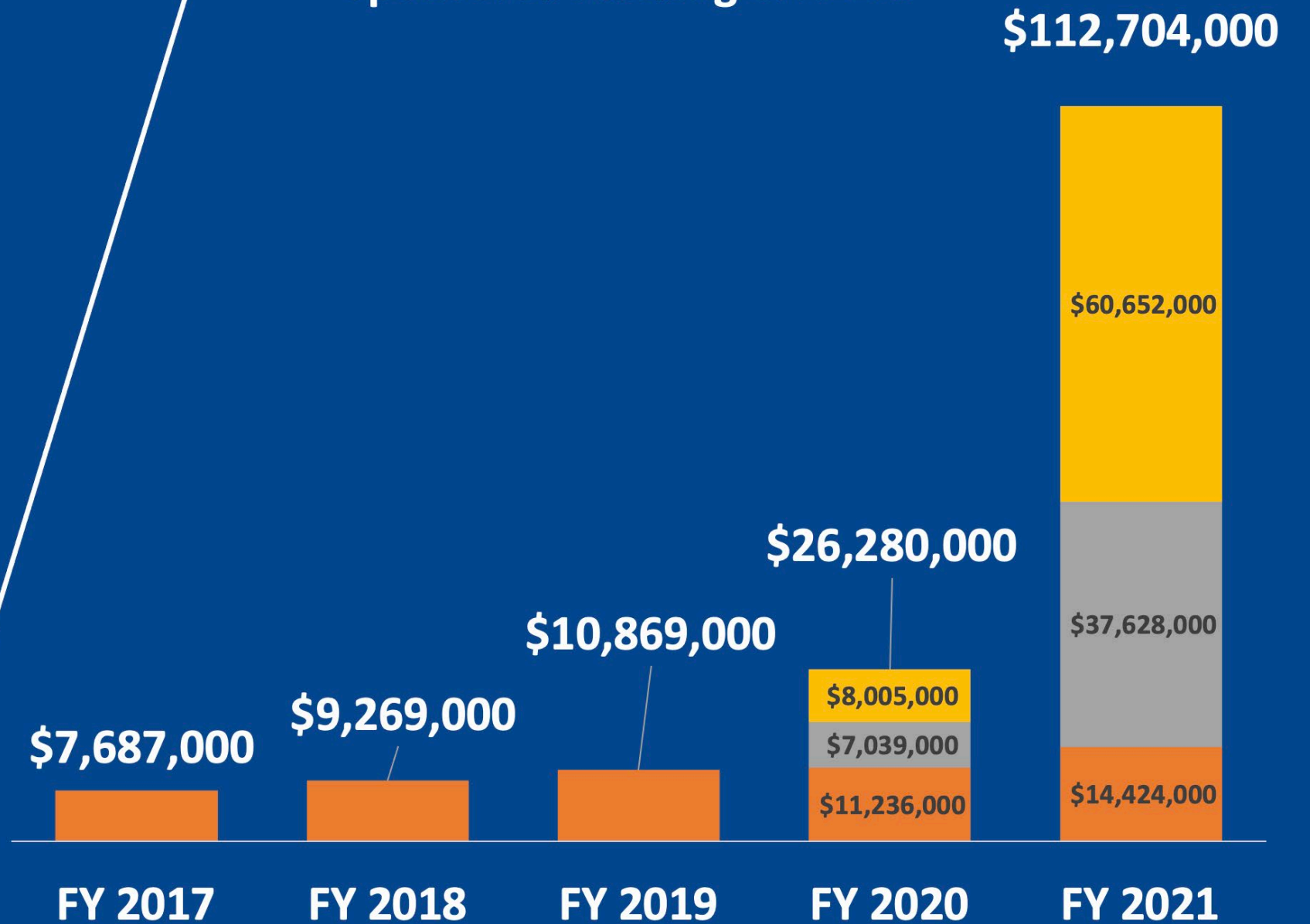


# External Funding

## Foundation



## Sponsored Funding & HEERF

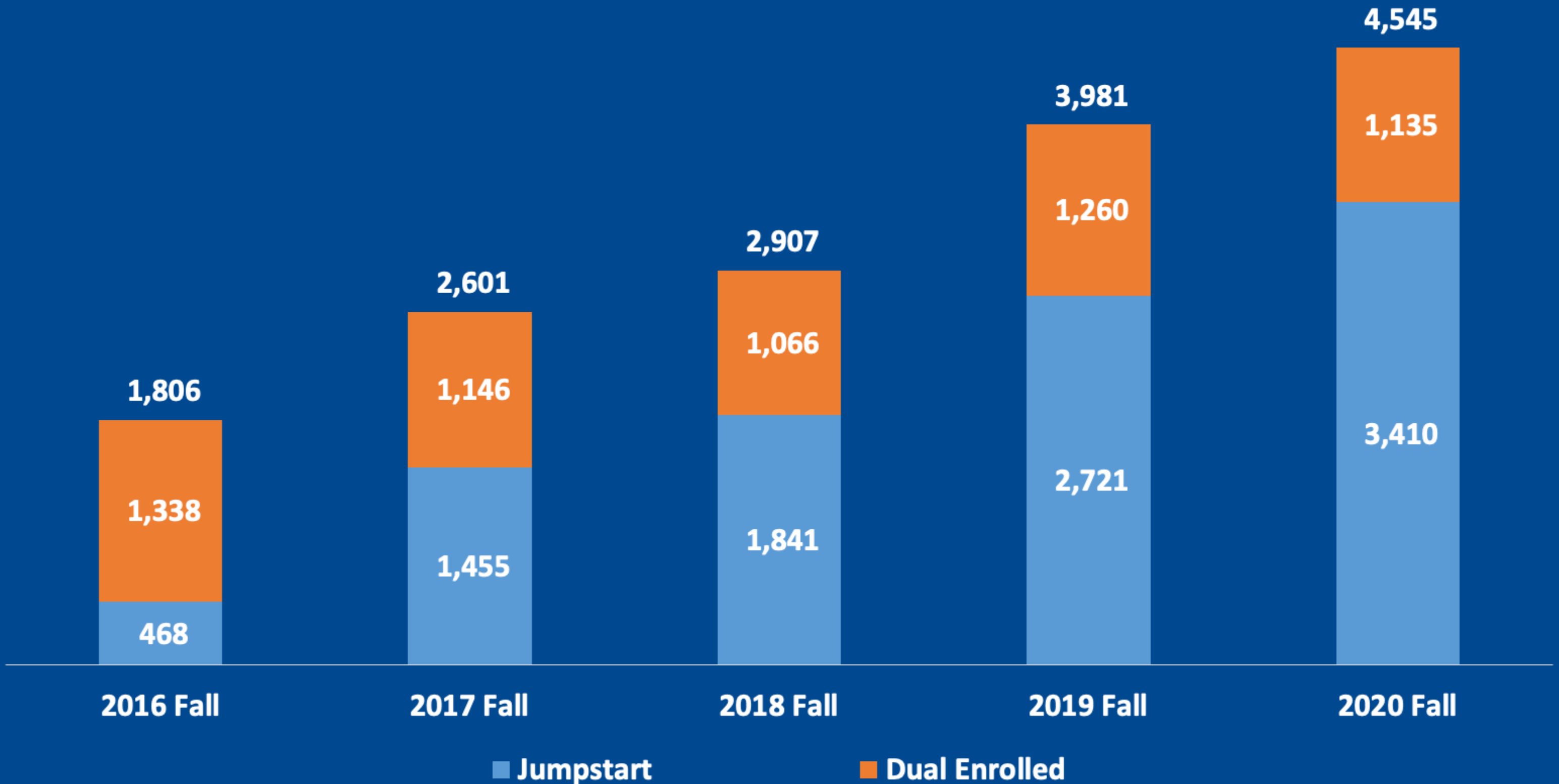


■ Sponsored Funding ■ HEERF Student ■ HEERF Institutional





# Dual Credit 5-Year Enrollment Trend



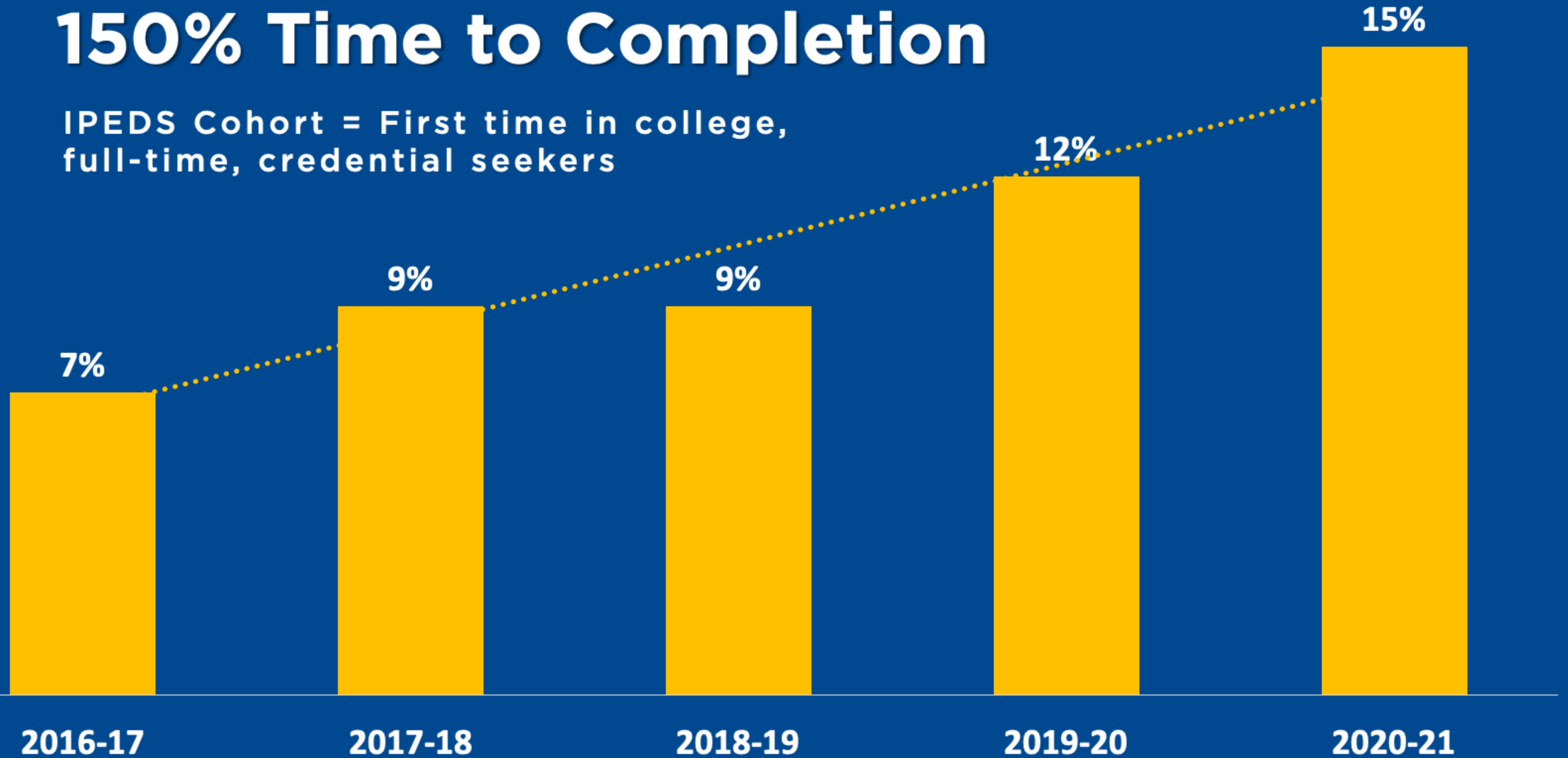




# Full-Time Graduation Rates

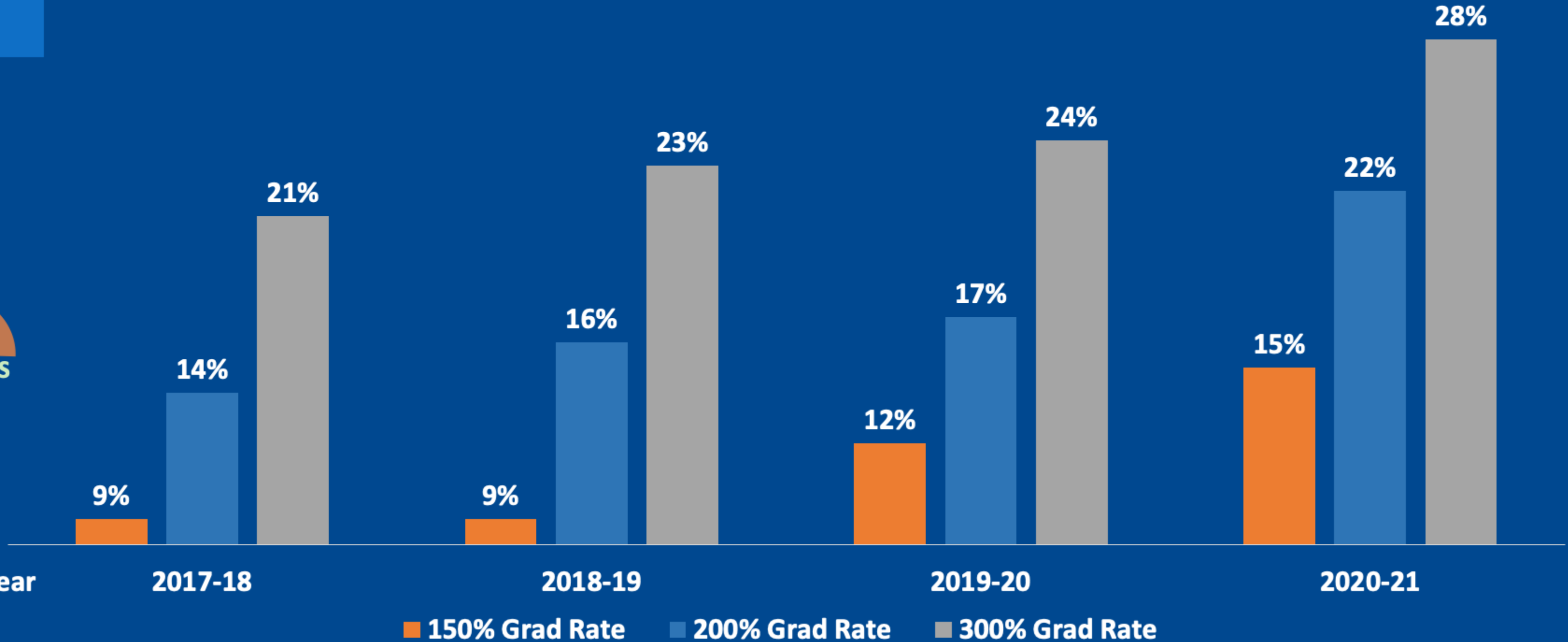
## 150% Time to Completion

IPEDS Cohort = First time in college,  
full-time, credential seekers



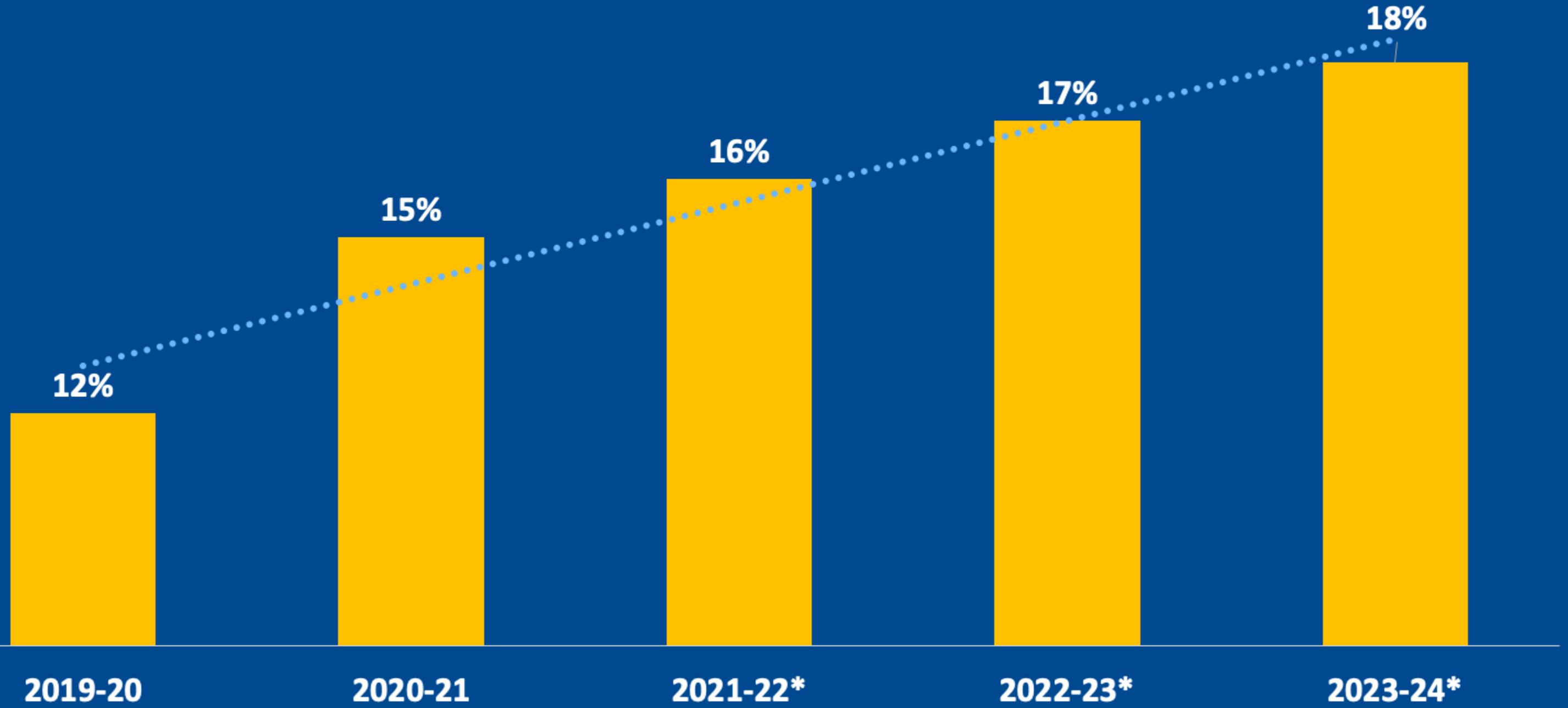


# Grad Rates at 200% and 300%





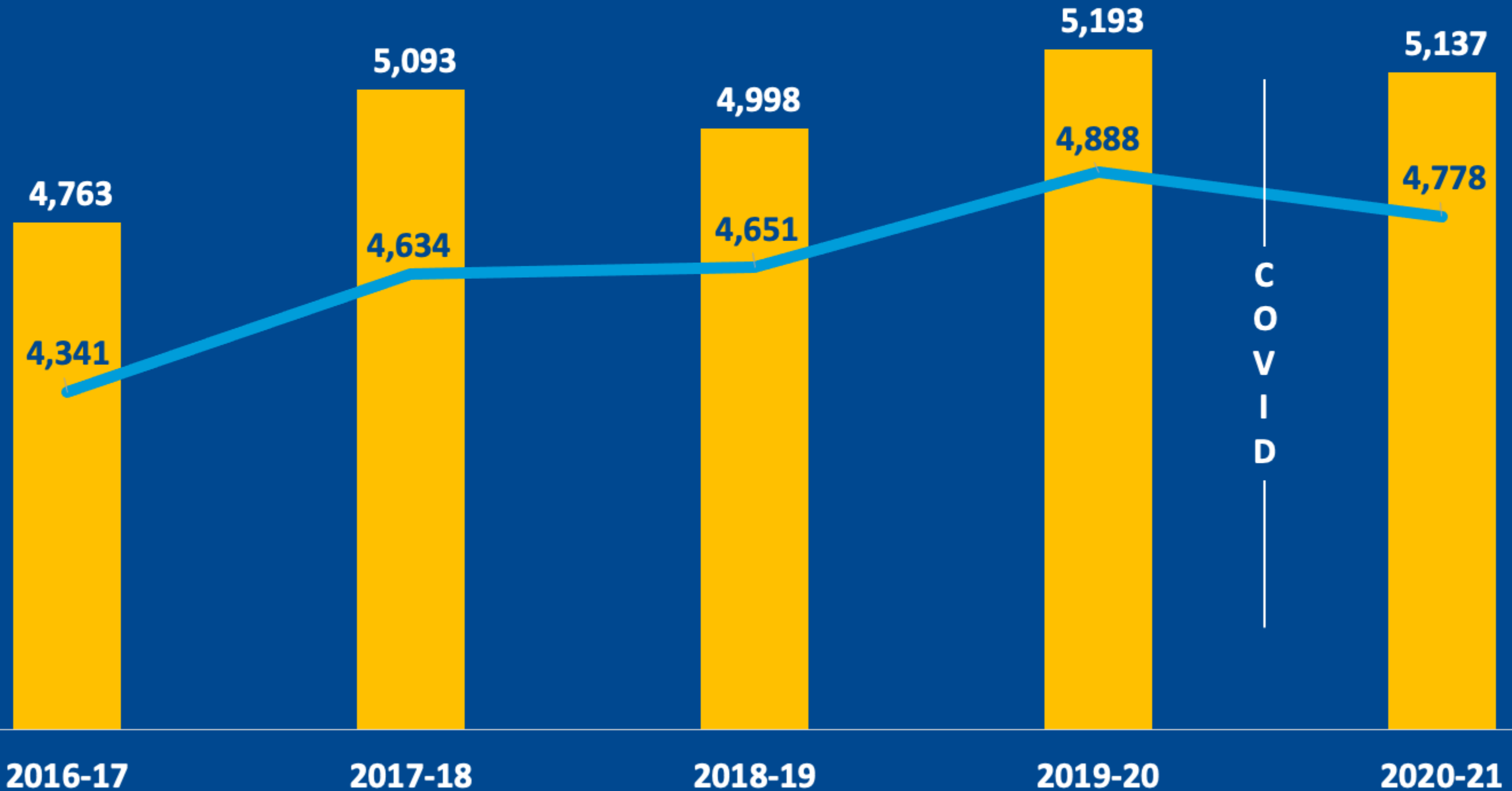
# 150% Graduation Rates CSN Actual IPEDS Performance Rate Trends



Source: IPEDS GR Survey; CSN Institutional Research



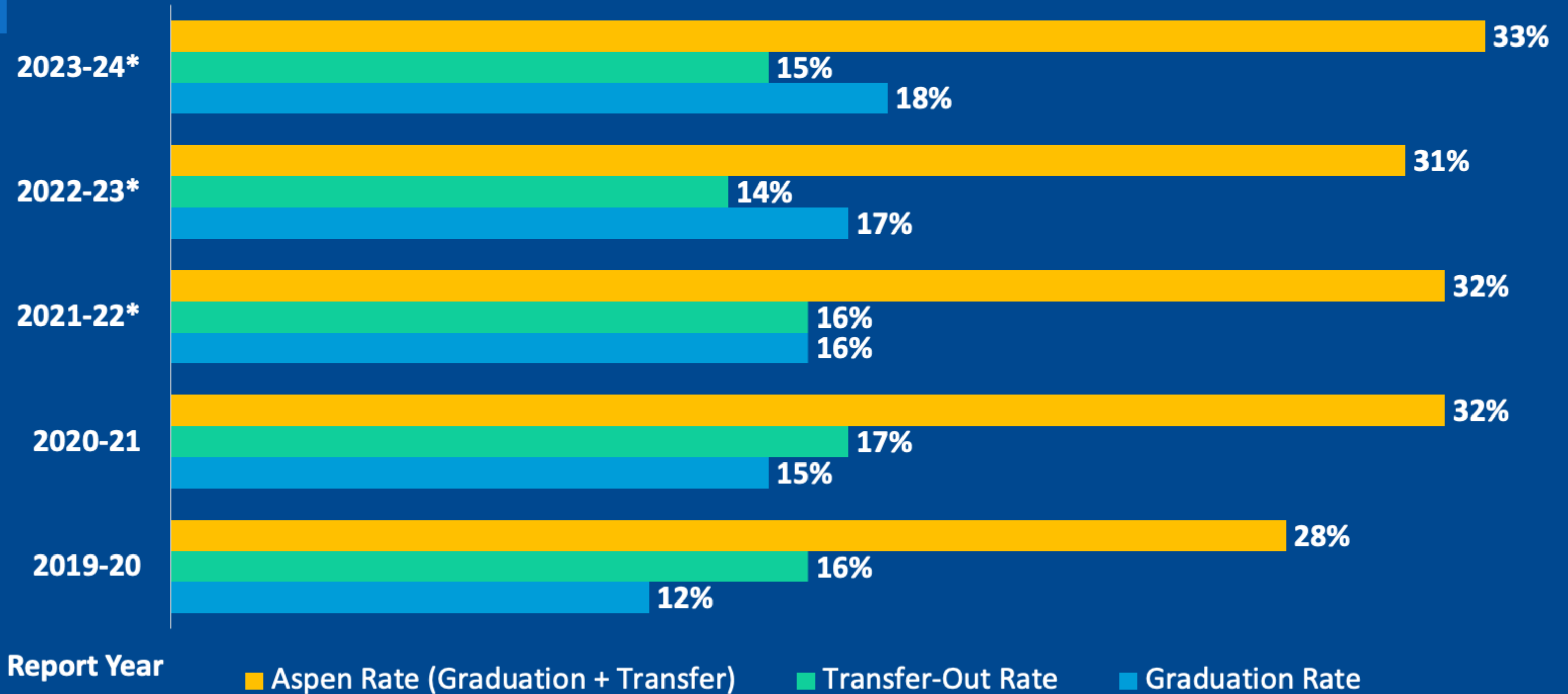
# IPEDS Completions - Students and Credentials



Report Year

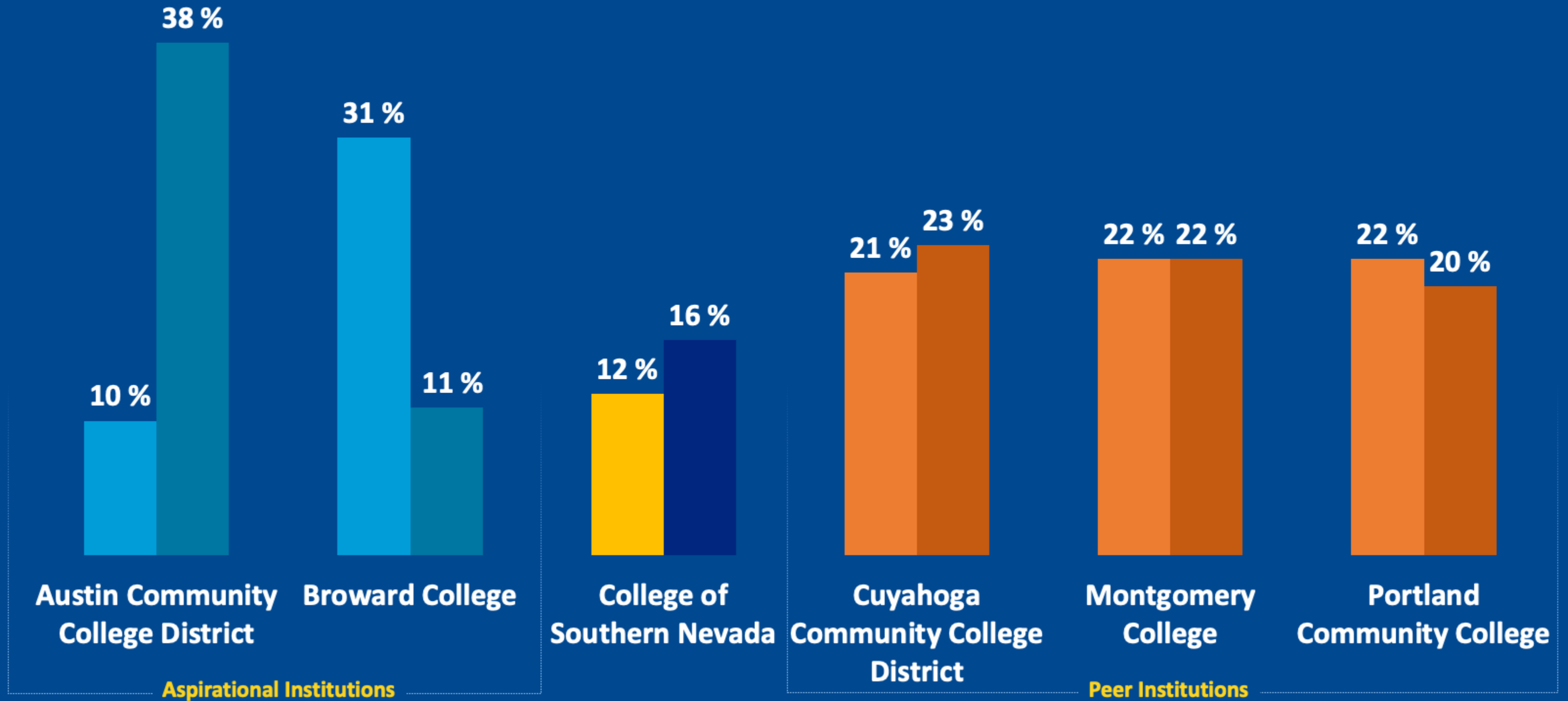


# CSN Student Success Graduation or Transfer Aspen Rates by Report Year





# IPEDS 150% Graduation Rates-Peer Comparisons



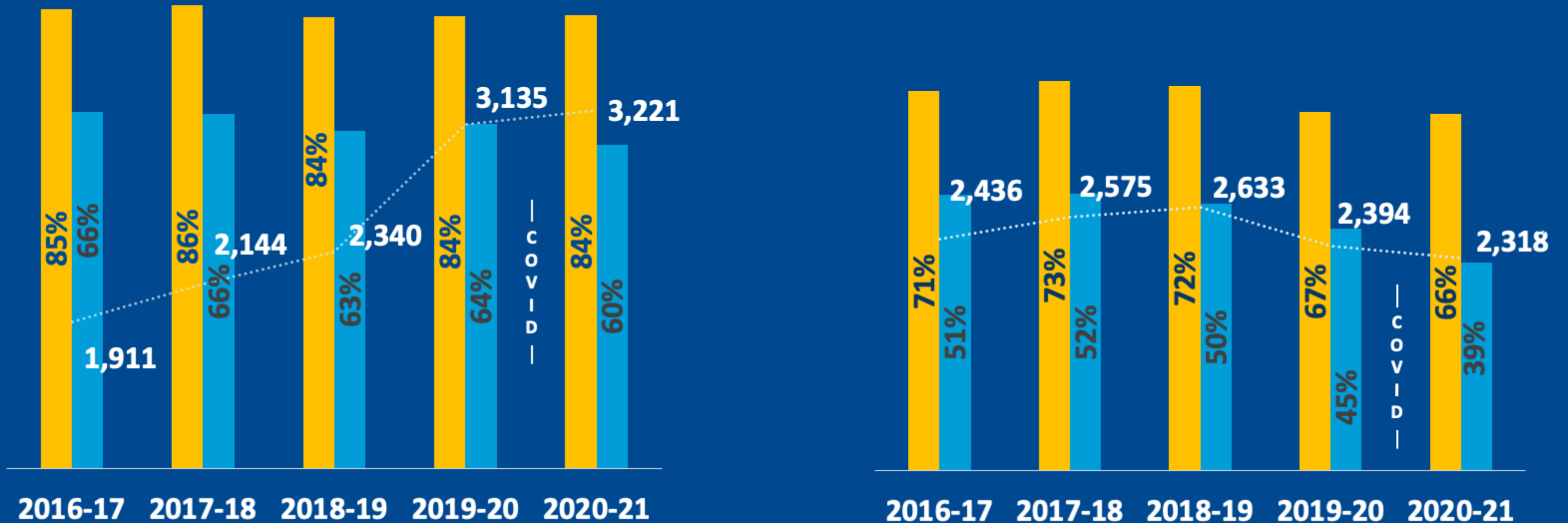
Left = Graduation Rate    Right = Transfer-out Rate



# Fall and Spring Retention and Cohort Size by Cohort Year

Full-time

Part-time



■ Fall-to-Spring Retention

■ Fall-to-Fall Retention

..... Cohort (N)



# Fall-to-Fall Retention Rate Comparisons

IPEDS Cohort 2020-21 Report Year

## Full Time

CSN

Cohort (N) 3,221



Comparison Group\* Average

Cohort (N) 3,242



## Part Time

CSN

Cohort (N) 2,318



Comparison Group\* Average

Cohort (N) 2,376



\* Comparison group consists of schools of similar size to CSN, urban-centric locale, and associate-dominant (including El Paso CC, Fresno City Coll, Houston CC, Ivy Tech CC, Long Beach City Coll, Portland CC, Riverside City Coll, Sacramento City Coll)





# Closing the Gap

## Closing the Gap for Underrepresented Groups

### African American Students:

Gateway Math and English completion increased from 7% to 16%

### Pell Recipients:

Four-year graduation rate increased from 8% to 15%, and their Gateway Math completion increased from 23% to 39%

### Hispanic Students:

Gateway Math and English completion increased from 15% to 26%

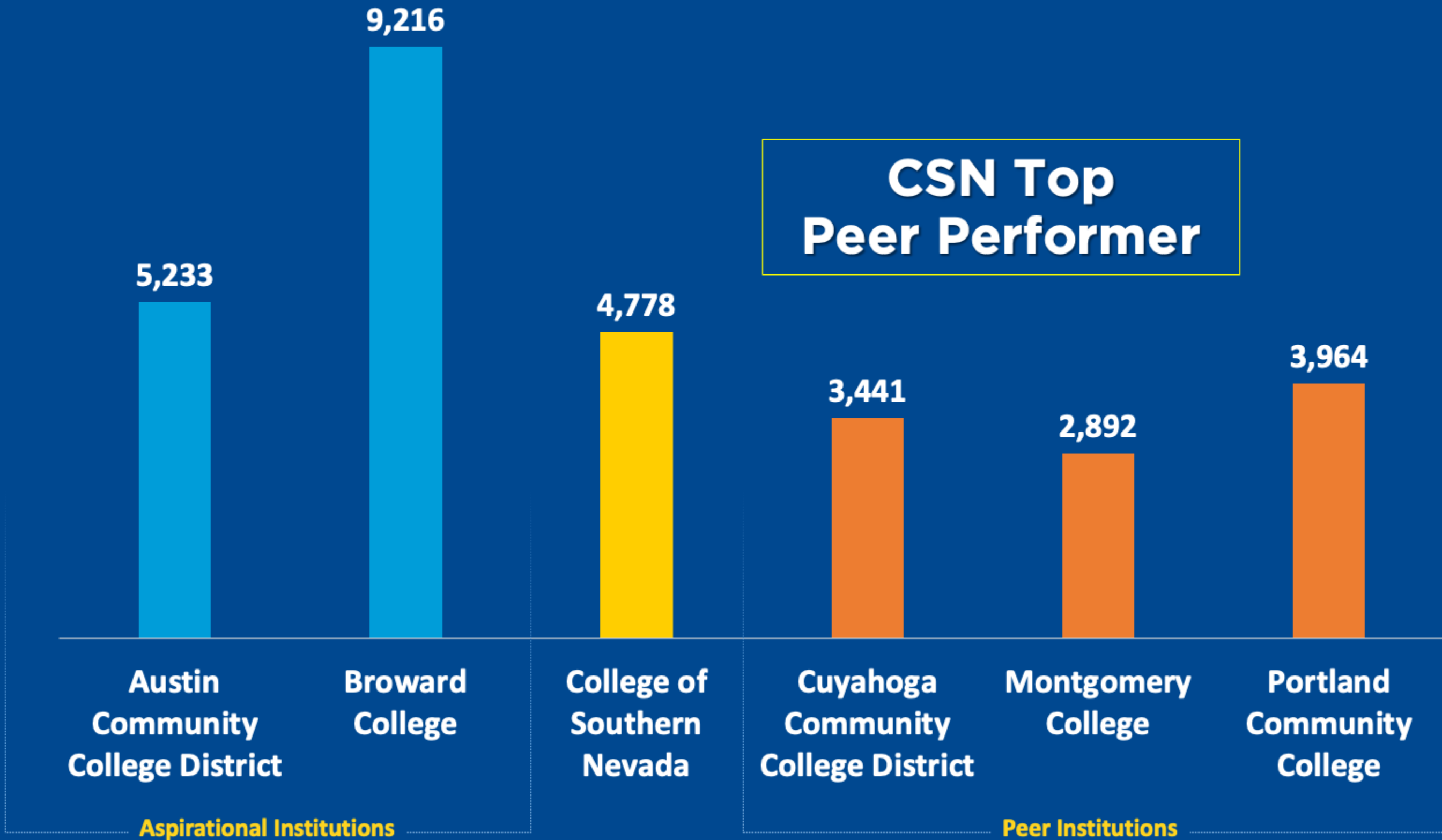
(Achievement Gap Closed)



NSHE GOAL  
CLOSING THE  
ACHIEVEMENT GAP

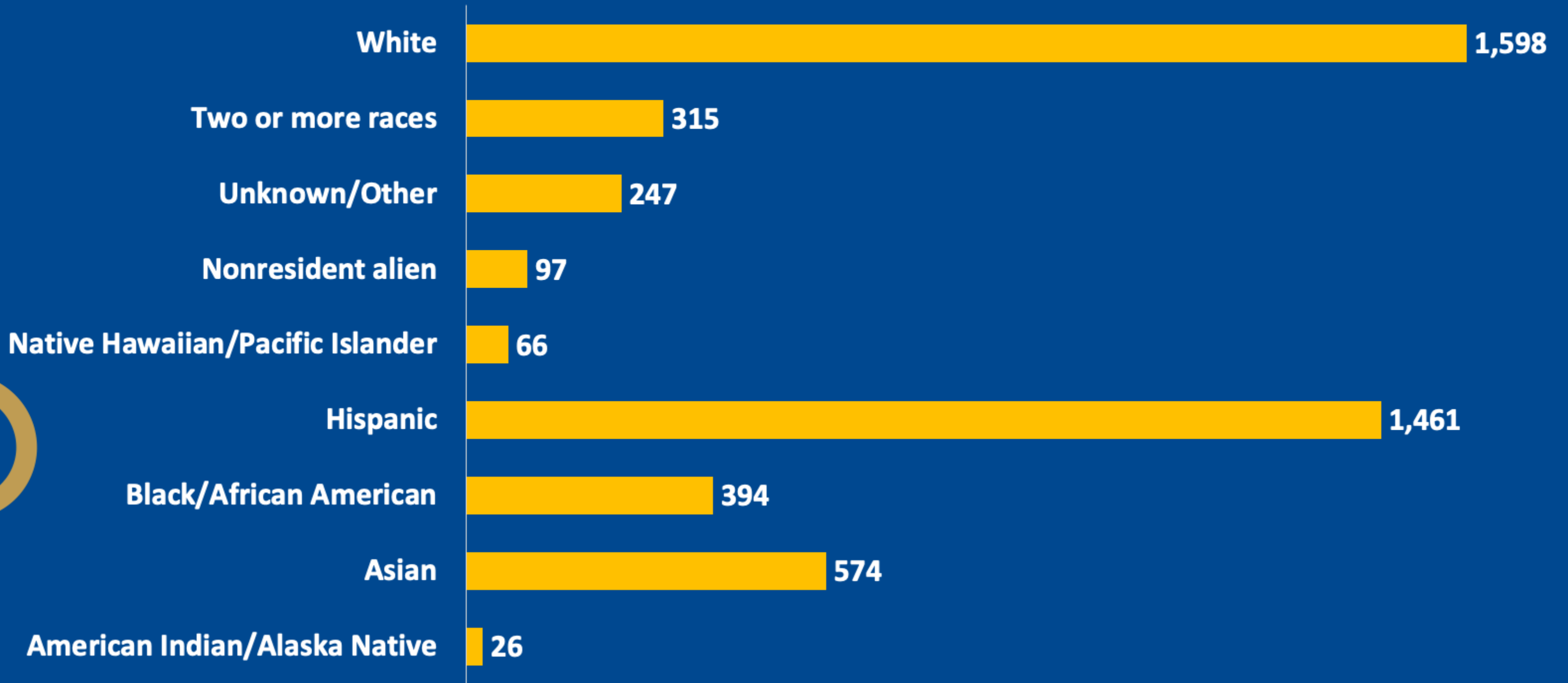


# IPEDS Completions – Peer Comparison





# IPEDS Completions by Race/Ethnicity

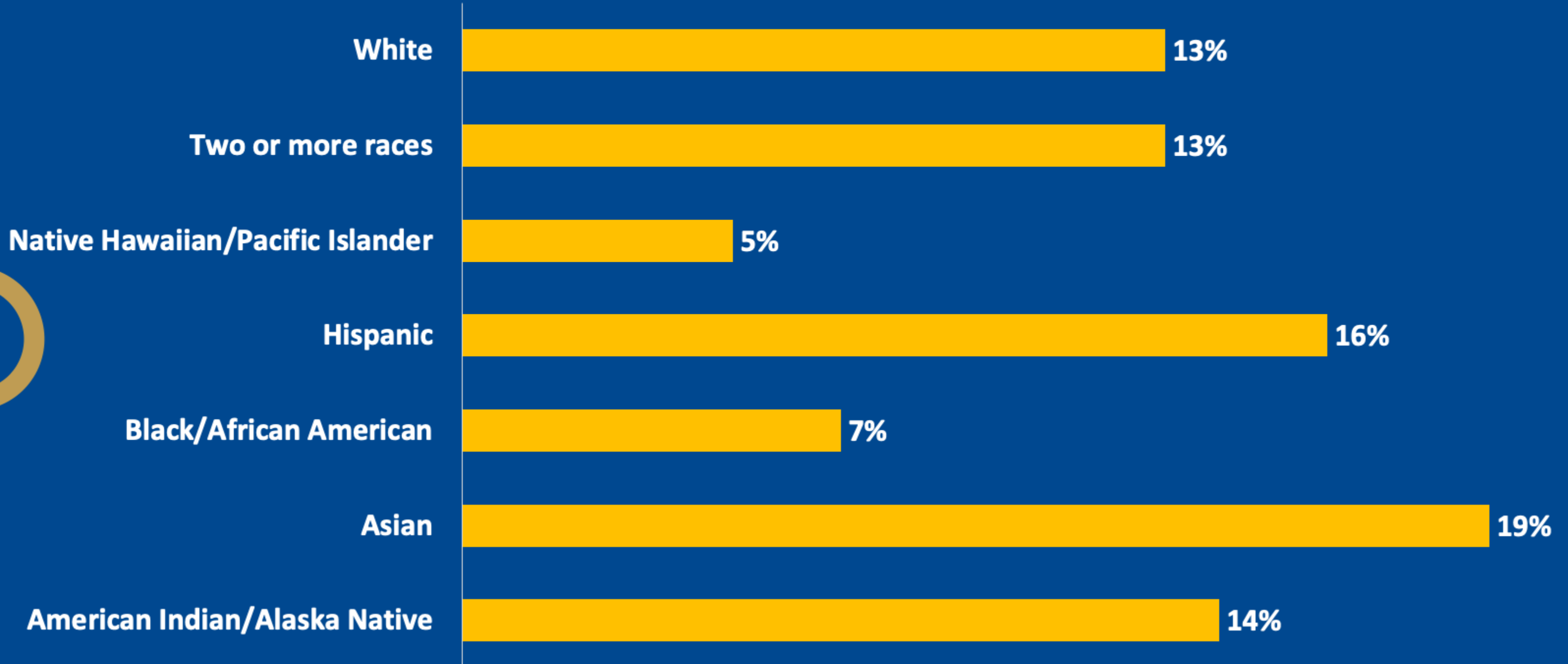


Report Year  
2020-2021

Source: IPEDS Completions



# IPEDS 150% Graduation Rates by Race/Ethnicity

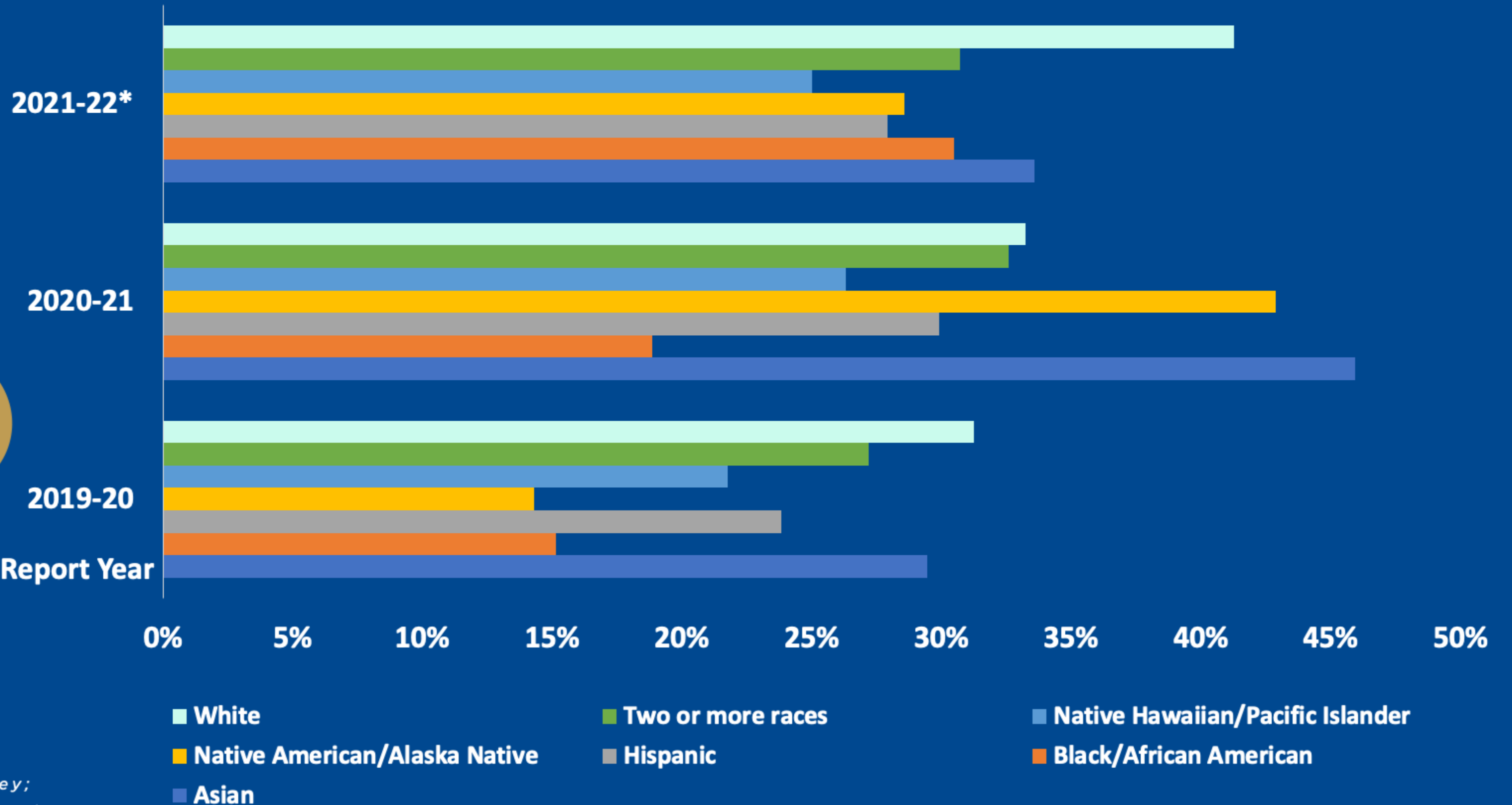


Report Year  
2020-2021

Source: IPEDS Graduation Rate Survey



# Aspen Rates by Race and Ethnicity

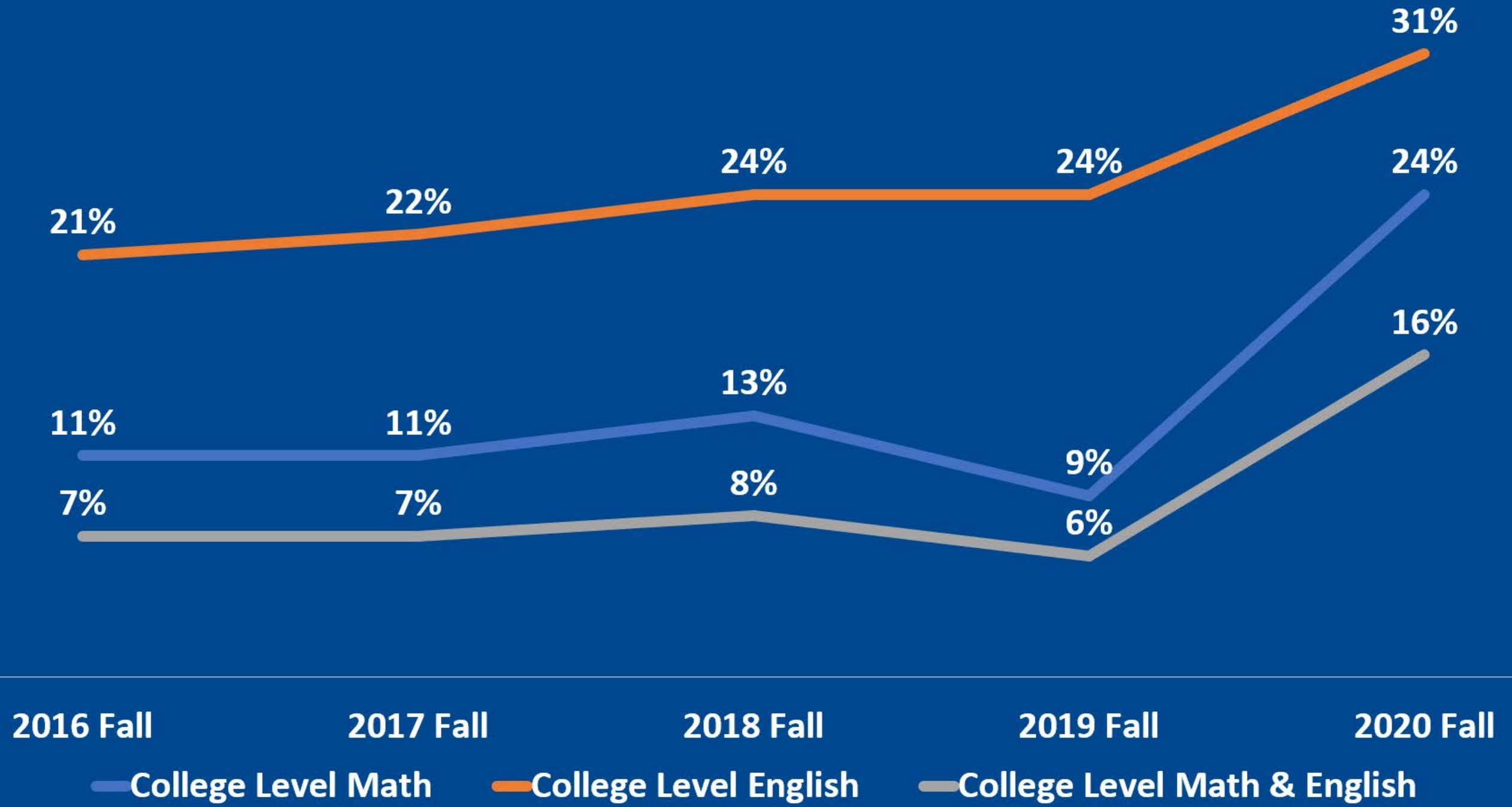


NSHE GOAL  
CLOSING THE  
ACHIEVEMENT GAP



# Gateway Math & English

## ATD - Black/African American Students





# Closing the Gap

## Best Practices

NSHE GOAL  
CLOSING THE  
ACHIEVEMENT GAP



### Academic Advising

Reducing student-to-advisor ratio (53% in 2019);  
increasing the number of appointments for students



### Summer Bridge

Targets entering NV Promise students and focuses on  
increasing success in gateway math and English courses



### TRIO

2019-20: 188 students supported; 88% minority;  
persistence rate=96%; graduation rate 41%



### Achieving the Dream - Leader College of Distinction

Through strategic transformational reform, CSN is nationally recognized  
for significant increases in student success through a variety of metrics  
to include strategies in narrowing student achievement gaps.



# Responding to Southern Nevada High-Demand Occupations

**22 specialized accreditations**  
attesting to program quality

**1,800**  
**apprenticeship**  
students per year



**Healthcare and Emergency Response**  
**2,220 students\***



**Gaming, Tourism, and Conventions**  
**750 Students\***



**Computer and Information Technology/Cybersecurity**  
**510 Students\***



**Manufacturing, Logistics, and Supply Chain**  
**6,800 Students in the pipeline**



\*Includes credit-based degree & certificate completers & non-credit students from 2016 to 2020





# Division of Workforce and Economic Development Apprenticeship Studies

## Employer Registered CSN Sponsored Apprenticeship

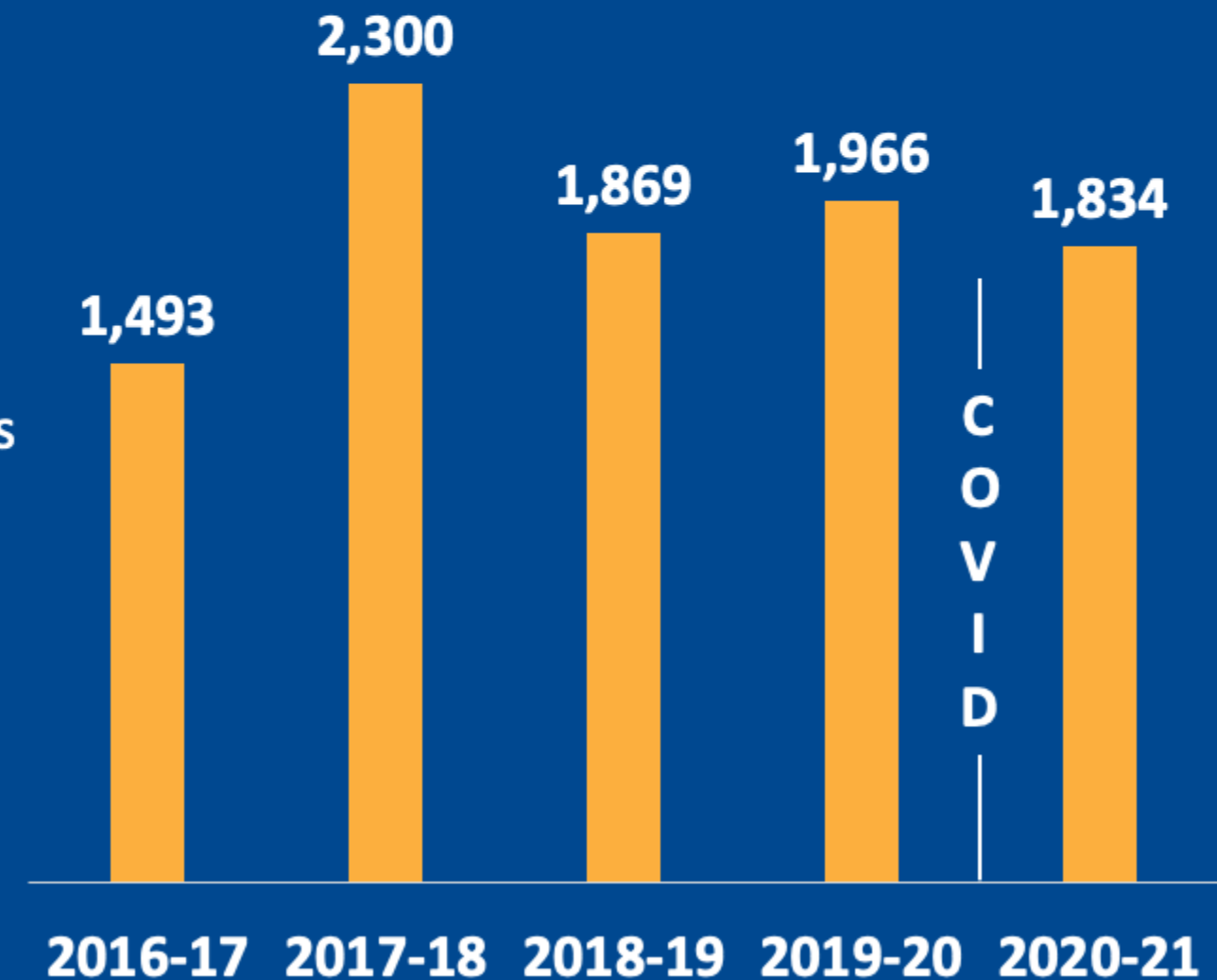
- Titanium Metal Corporation (TIMET)
- 12 Apprentices
- On hold due to business impact from COVID-19

## Active Apprenticeship Grants

- AACC ECCA Grant (\$140K)

## Organized Labor Apprenticeships Building Trade Unions

- Asbestos
- Bricklayers & Tile Setters
- Carpenters
- Electricians
- Floor Coverers
- Glaziers
- Ironworkers
- Laborers
- Operating Engineers
- Operating & Maintenance Engineers
- Painters
- Plasterers & Cement Masons
- Plumbers & Pipe Fitters
- Roofers & Waterproofers
- Sheet Metal Workers
- Teamsters Convention Training





# Research



## **NASA Hands-on-training (HOT) grant, 2021: \$51,942**

Title: A Novel Hydroclimatic Record from the Southern Great Basin, California and Nevada, USA.

PI, Co-PIs: D.B. Sims, P. McBurnett, J.E. Keller, A.C. Hudson

Students: Selecting two to fund with \$1,250 per semester-two semesters



## **NASA Research Infrastructure (RI) grant: \$50,000**

Title: Using Metal Loads as Hydrologic Tracers for Particle Transport via Fluvial Processes in an Arid Environment of Southern Nevada.

PI, Co-PIs: D.B. Sims, P. McBurnett, J.E. Keller, A.C. Hudson

Students: Selecting four to fund with \$2,812 per semester-two semesters



## **NASA Research Infrastructure (RI) grant - \$50,000**

Title: Trace elements migrating from tailings to rock varnish laminated sediments in an old mining region from Nelson, Nevada, USA.

Published: International Journal of Sediment Research

PI, Co-PIs, and Faculty Authors: Sims, D.B., A.C. Hudson, J.E. Keller

Student Authors: M. Strange, D. Ferrari, G.M. Fernandez,

J. Garcia-Hernandez, B.D. Kesl



## **NASA Hands-on-training (HOT) grant: \$50,000**

Title: Paleoenvironmental evidence for wetlands in the Eldorado Valley: Eastern Mojave Desert, Nevada, USA.

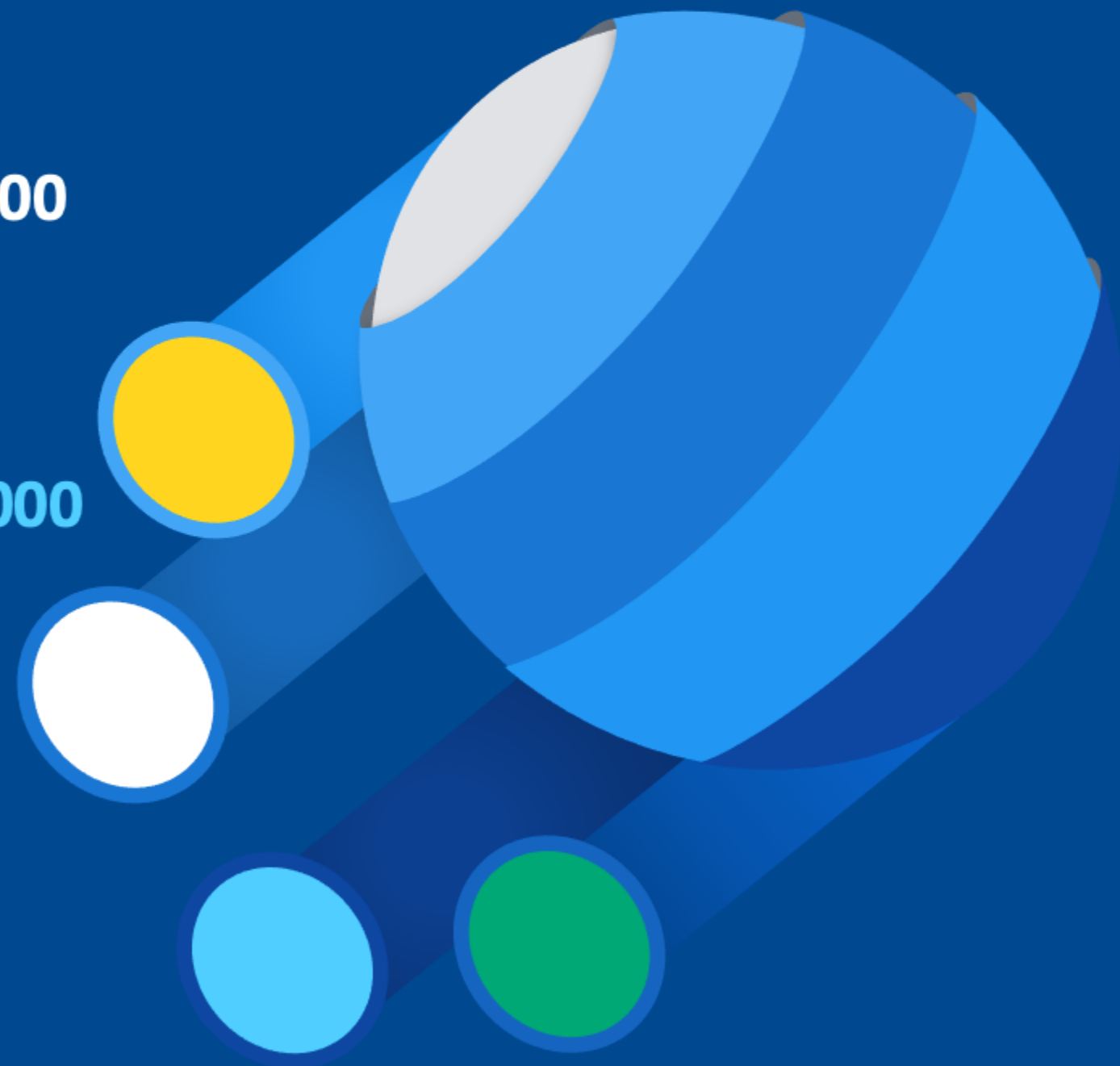
Submitted to: Journal of Sedimentary Environments

PI, Co-PIs, and Faculty Authors: Sims, D.B., A.C. Hudson, J.E. Keller

Student Authors: D. Ferrari, G.M. Fernandez, J. Garcia-Hernandez,

B.D. Kesl, F.W. Rodrigues, S.G. Torres, pending

NSHE GOAL  
**RESEARCH**





# Student Success Measures Trending Positive Direction



**CSN GRADUATION** Rates expected to increase to 18% in 2023



**ACHIEVEMENT GAP** Closing the success gap for all students



**STUDENT SUCCESS** Aspen rate expected to increase to 33% in 2023

## CSN STUDENT SUCCESS STRATEGIES

- ✓ 350-to-1 Advisor Ratio
- ✓ Dual Enrollment - College Readiness
- ✓ Increase PT to FT Engagement
- ✓ Close the Gap – TRiO & Empowerment Network
- ✓ Multi-Campus
- ✓ Digital Transformation
- ✓ Non-Credit to Credit Integration & Pathways
- ✓ Increased Institutional Advancement
- ✓ Co-Requisite Courses
- ✓ Areas of Study - Pathways
- ✓ Complete College America Practices
- ✓ Increasing Alignment – Workforce & Transfer



COYOTES

THANK YOU



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EST. 1971

