

# **State of the ASU Public Enterprise and Arizona State University**

## **Mission and Goals Review**

Michael M. Crow  
Tempe, Arizona  
February 9, 2023



# ASU Design

## Our charter drives all we do

ASU is a comprehensive **public research university**, measured not by whom it excludes, but by **whom it includes** and **how they succeed**; advancing **research and discovery** of public value; and assuming **fundamental responsibility** for the economic, social, cultural and overall health of the **communities it serves**.

# The ASU design aspirations guide the pursuit of our charter

## **Leverage Our Place**

ASU embraces its cultural, socioeconomic and physical setting.

## **Transform Society**

ASU catalyzes social change by being connected to social needs.

## **Value Entrepreneurship**

ASU uses its knowledge and encourages innovation.

## **Conduct Use-Inspired Research**

ASU research has purpose and impact.

## **Enable Student Success**

ASU is committed to the success of each unique student.

## **Fuse Intellectual Disciplines**

ASU creates knowledge by transcending academic disciplines.

## **Be Socially Embedded**

ASU connects with communities through mutually beneficial partnerships.

## **Engage Globally**

ASU engages with people and issues locally, nationally and internationally.



**We are embracing a new ASU design aspiration**

## **Practice Principled Innovation**

ASU places character and values at the center of decisions and actions.

# The ASU design aspirations now call for responsibility and principles

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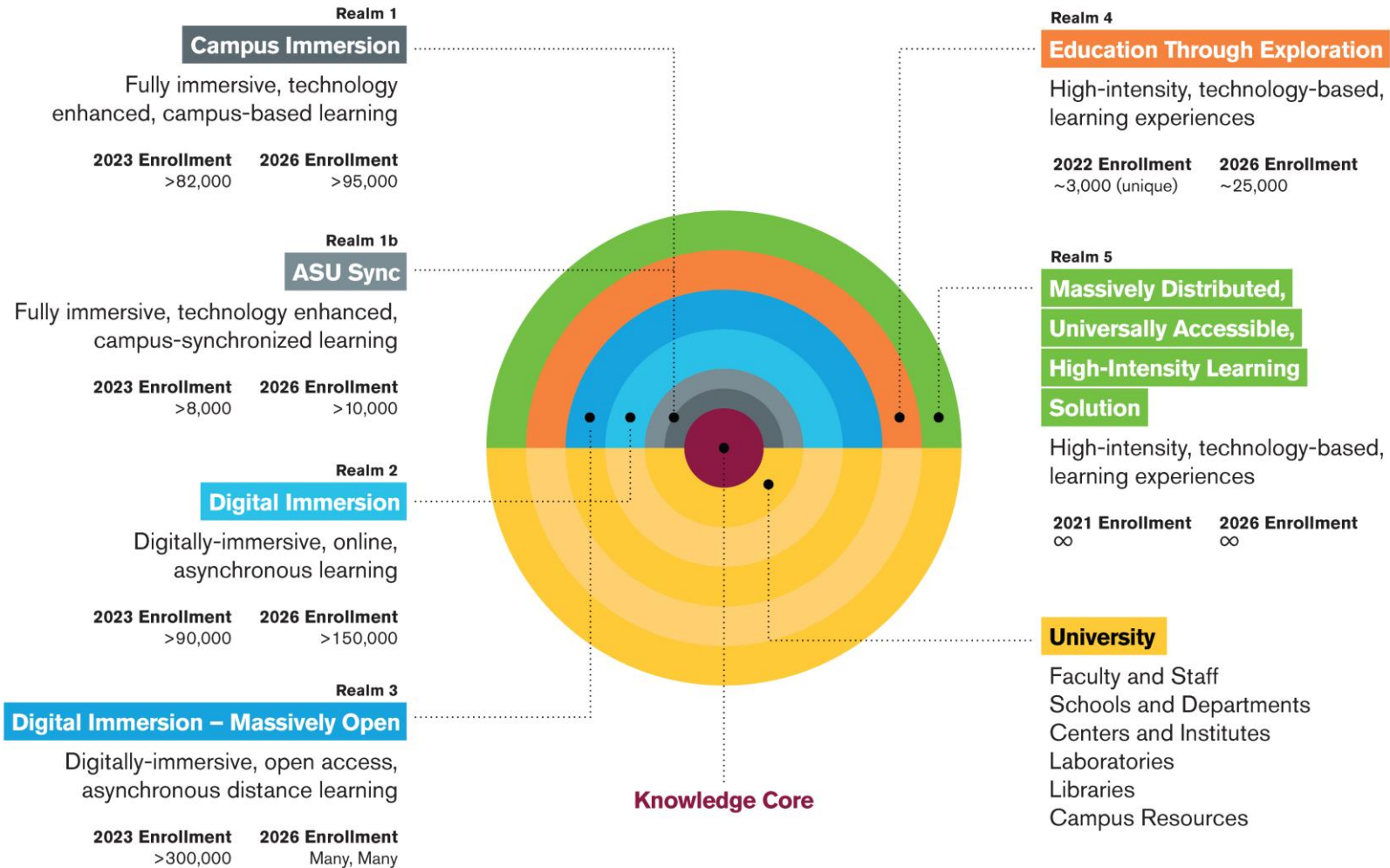
## Engage Globally

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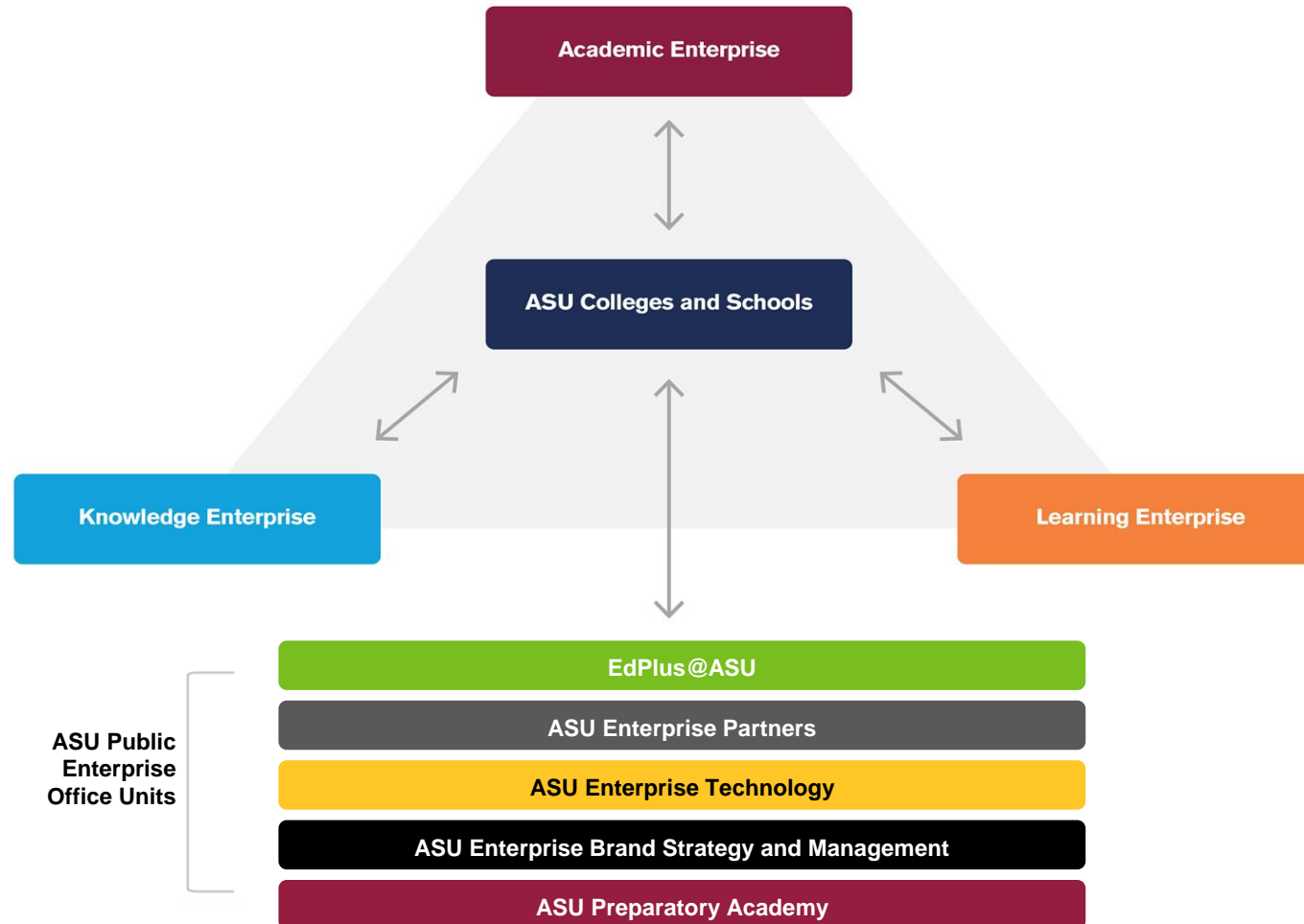
## Practice Principled Innovation

ASU places character and values at the center of decisions and actions.

# ASU's five realms of teaching and learning support student success



# The three domains of the ASU Public Enterprise collaborate to accomplish our mission



# ASU Mission and Goals

# ASU mission and goals make clear our expectations



Demonstrate **leadership** in enabling academic excellence and accessibility at scale



Establish **national standing** in academic quality and impact of colleges and schools in every field



Expand **ASU's role as the leading global center** for interdisciplinary research, discovery and development by 2028



Enhance our **local impact** and social embeddedness



**Demonstrate leadership in  
enabling academic excellence  
and accessibility at scale**

## **Demonstrate leadership in enabling academic excellence and accessibility at scale**

- **Maintain the fundamental principle of accessibility to all students qualified to study at a research university.**
- **Maintain university accessibility to match Arizona's socioeconomic diversity, with undifferentiated outcomes for success.**
- **Ensure that more than 90% of students continue studies beyond their first year.**
- **Enhance university graduation rate to greater than 85% and more than 40,000 graduates.**
- **Continuously enhance quality while maintaining affordability.**
- **Overcome geographic and financial barriers to education by enrolling 150,000 online degree-seeking students.**
- **Continuously increase measured student development and learning outcomes.**
- **Engage learners of all socioeconomic, geographic and demographic backgrounds.**

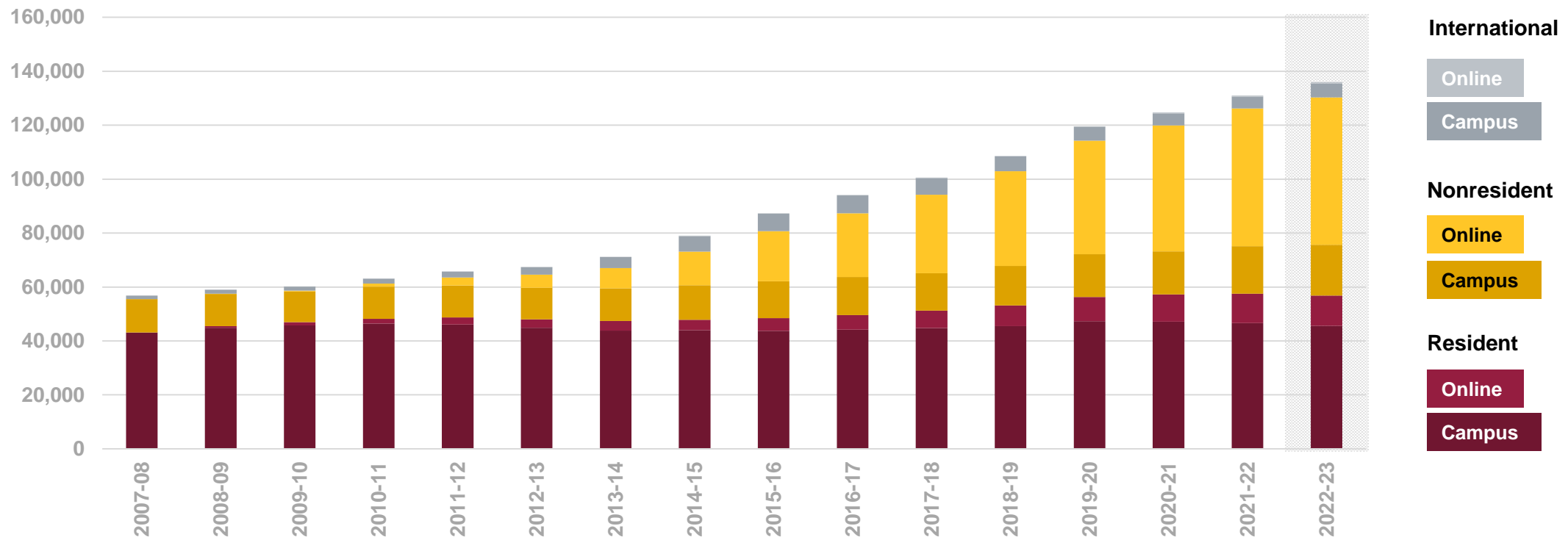


# Undergraduate enrollment reaches highest ever levels



Maintain the fundamental principle of accessibility to all students qualified to study at a research university

Undergraduate Enrollment (AY 2007-08 to AY 2021-22, Estimate for AY 2022-23)



# ASU enrolls undergraduates from 88% of Arizona high schools

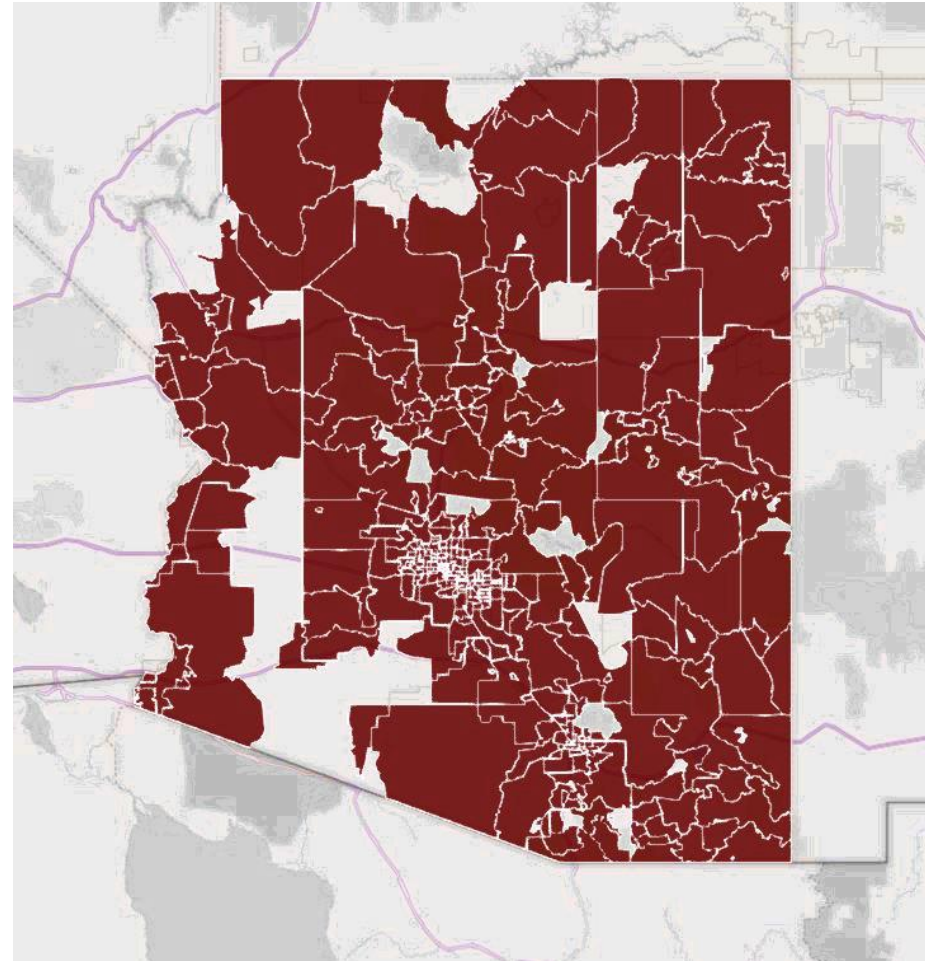


Maintain the fundamental principle  
of accessibility to all students  
qualified to study at a research  
university

Undergraduate Students Enrolled at ASU  
(Fall 2022 and Spring 2023)

**570**

Arizona high schools represented

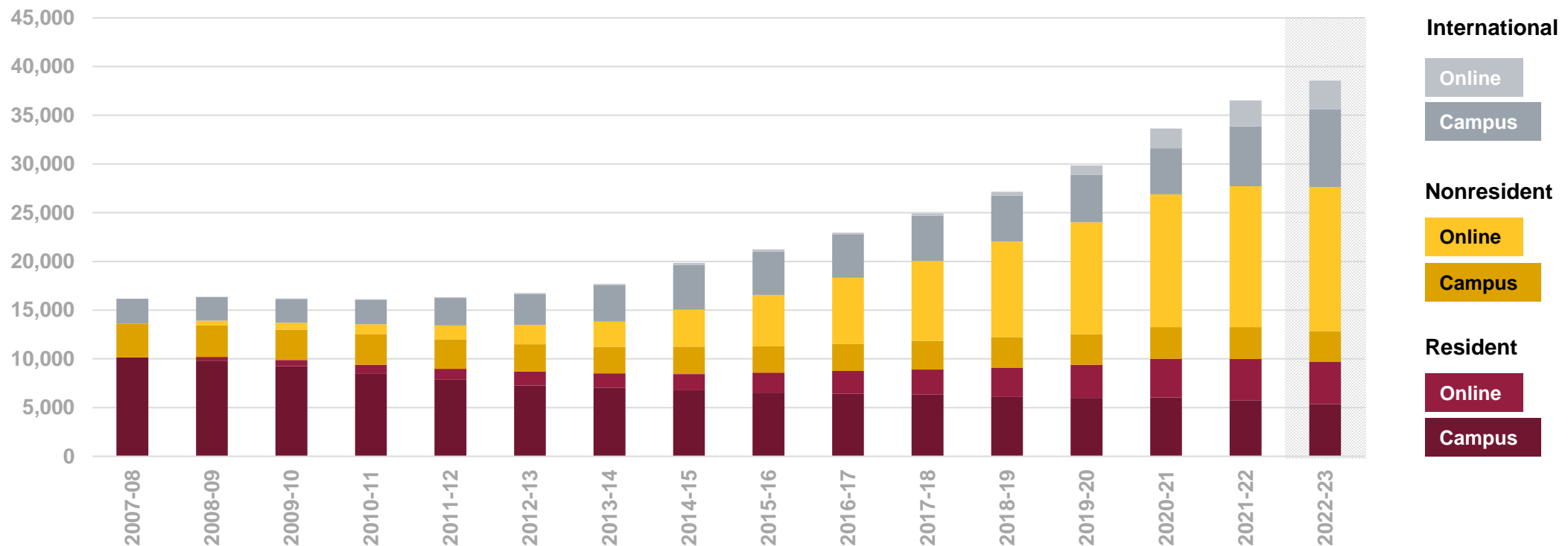


# ASU creates access to graduate education for more students



Maintain the fundamental principle of accessibility to all students qualified to study at a research university

Graduate Enrollment (AY 2007-08 to AY 2021-22, Estimate for AY 2022-23)

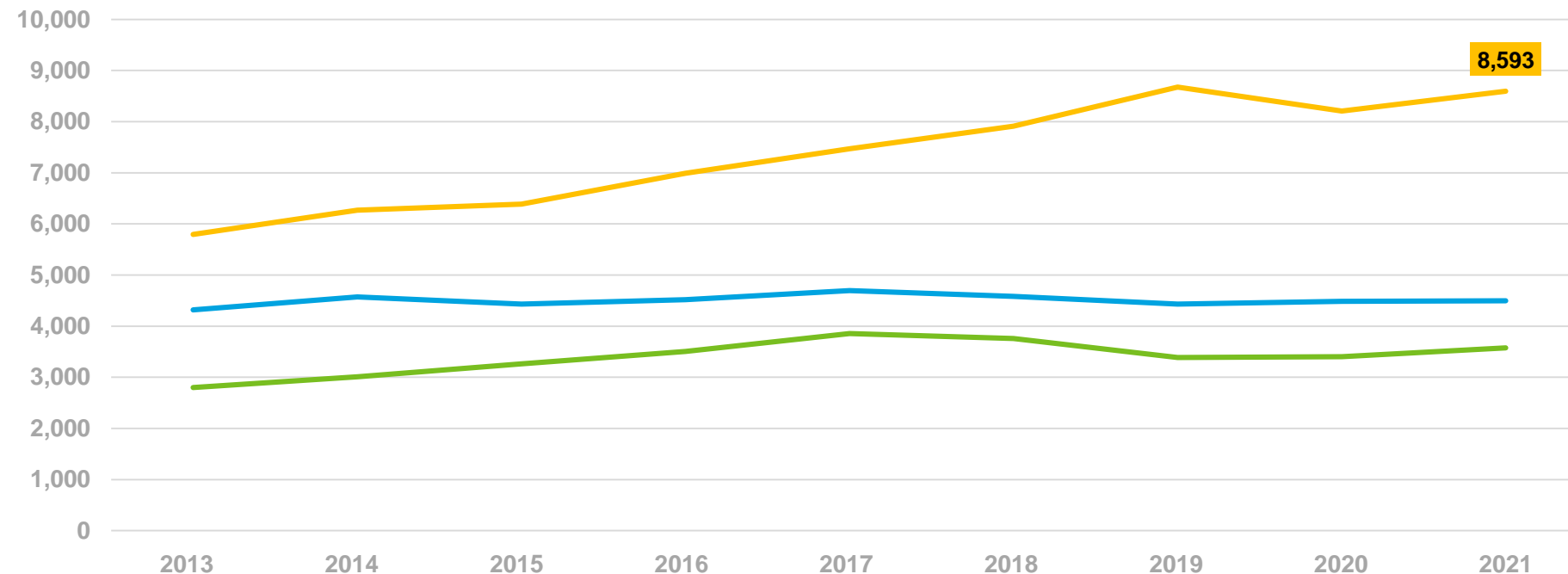


# ASU expands access for Arizona high school graduates



Maintain university accessibility to match Arizona's socioeconomic diversity, with undifferentiated outcomes for success

Arizona First-Year Students Enrolled at ASU (Fall 2013 to Fall 2021)



Arizona State University

University of Arizona

Northern Arizona University





# ASU West and ASU Polytechnic campuses are critical to our service to Arizona



Maintain university accessibility to match Arizona's socioeconomic diversity, with undifferentiated outcomes for success



ASU Polytechnic



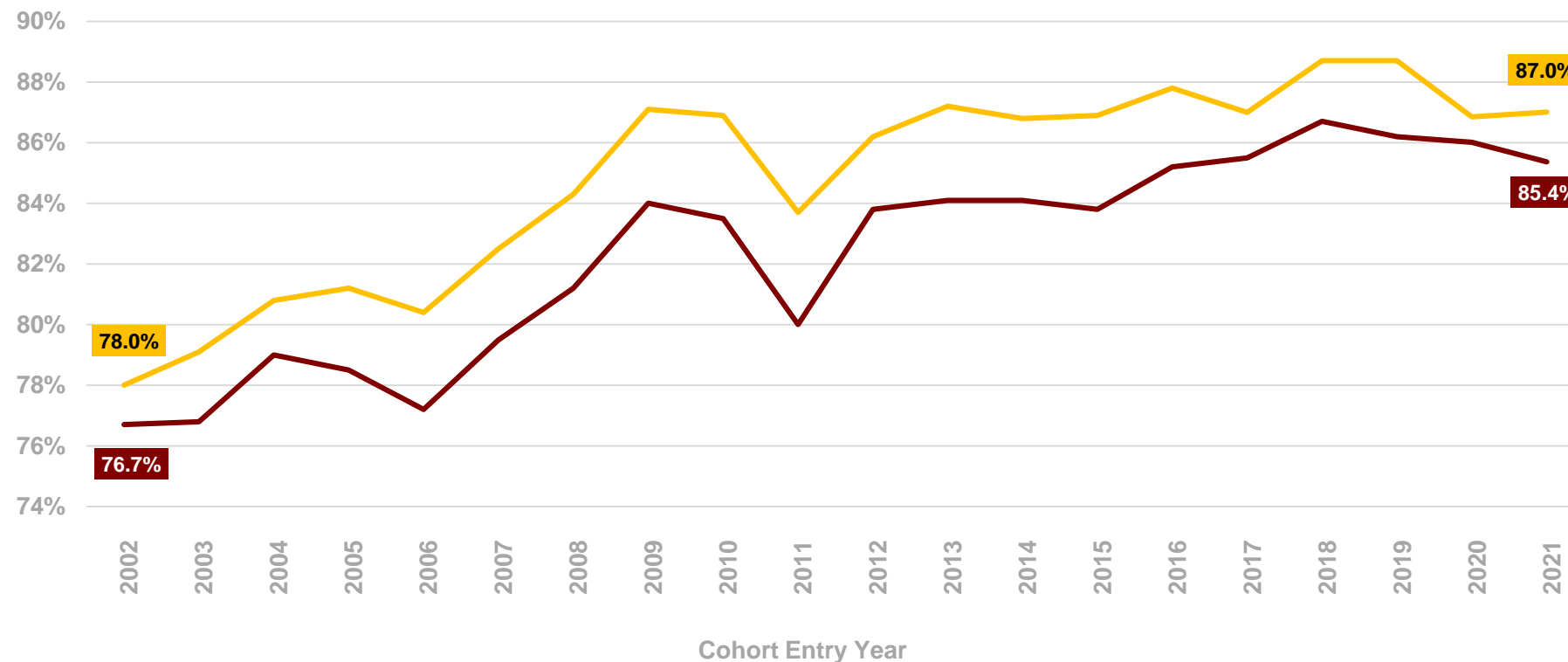
ASU West

# ASU first-year retention is nearing 90%



Ensure that more than 90% of students continue studies beyond their first year

First-Year Student Retention Rates (Fall 2002 to Fall 2021)



Arizona First-Year Students

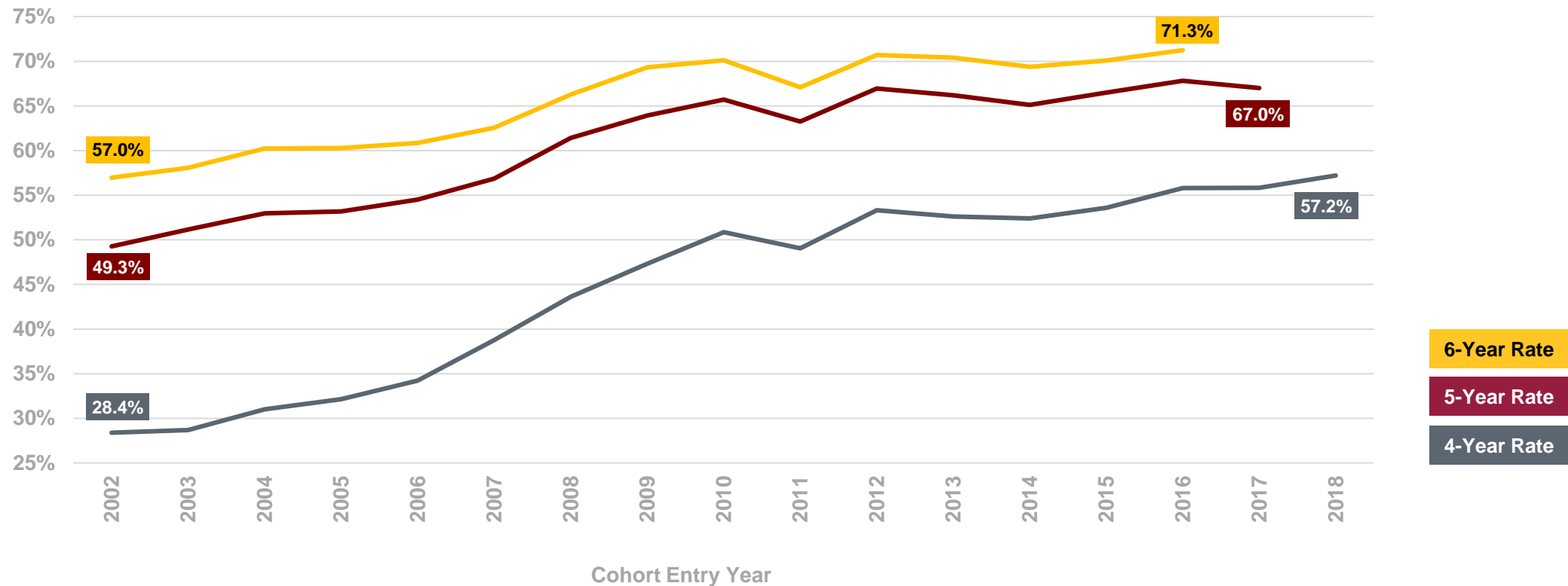
All First-Year Students

# Graduation rates continue growth toward the 85% goal



Enhance university graduation rate to greater than 85% and more than 40,000 graduates

First-Year Resident Student Graduation Rates (Fall 2002 to Fall 2018)

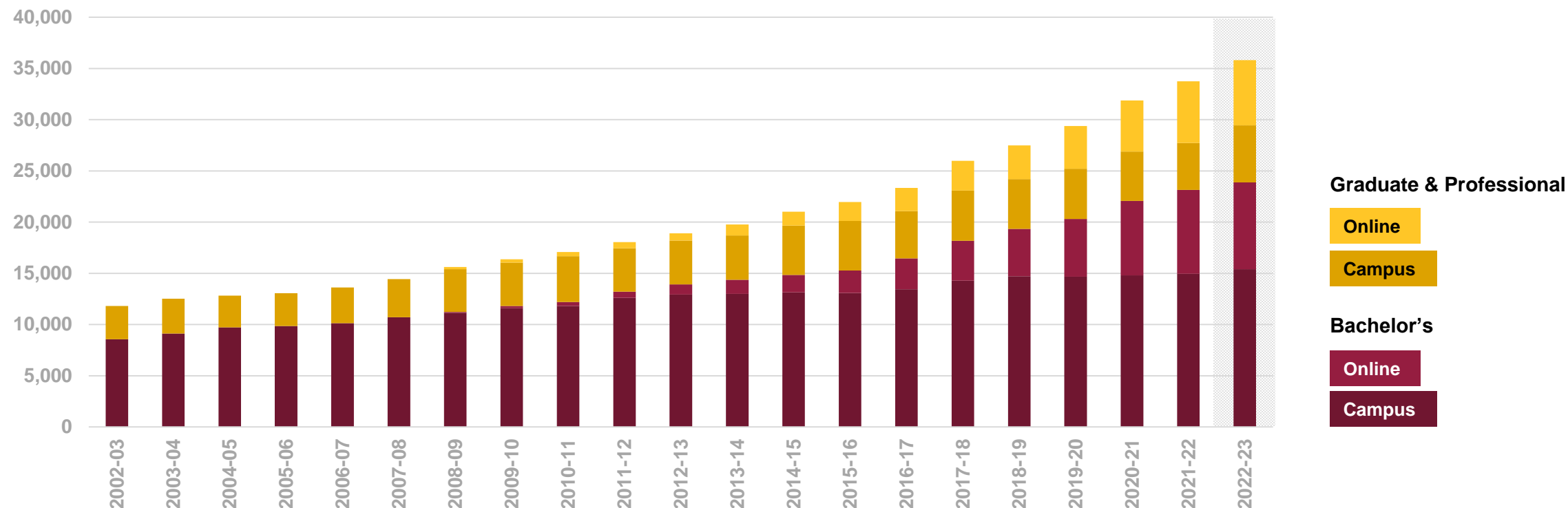


# ASU graduates more than 35,000 students annually



Enhance university graduation rate to greater than 85% and more than 40,000 graduates

Total Degrees by Year (AY 2002-03 to AY 2021-22, Estimate for AY 2022-23)





# #1 in the U.S. for innovation

**ASU ahead of MIT and Stanford**

– U.S. News & World Report, 8 years, 2016–2023



Continuously enhance quality  
while maintaining affordability

**No. 1 in U.S.  
and No. 2 in  
the world for  
global impact**

Times Higher Education, 2022

**No. 6 in Total Research  
Expenditures among  
Institutions without a  
Medical School**

National Science Foundation  
Higher Education Research and  
Development Rankings, 2021



# ASU excellence earns recognition



Continuously enhance quality  
while maintaining affordability

## No. 1 in U.S. for innovation

Ahead of MIT  
and Stanford

— U.S. News & World  
Report, 2016-2023

## No. 1 in the U.S. and No. 2 in the world for global impact in research and stewardship

Ahead of Michigan  
State and Penn  
State

— Times Higher Education,  
2022

## A leader in undergraduate education

— The Princeton Review,  
2023

## Top 10 in the U.S. for total research expenditures among Universities without a medical school

ahead of Caltech  
and Carnegie Mellow  
University

— National Science  
Foundation HERD  
Survey, 2022

## Recipient of the Carnegie Foundation Community Engagement Classification through 2025.

— Carnegie Foundation,  
2015

## No. 1 public university chosen by international students

— Institute of  
International Education,  
2021

## Top 10 'Best Buy' college in the U.S.

— The Fiske Guide to  
Colleges, 2023

## 'Top producing' university of elite scholars for 10 consecutive years

— Lorraine W. Frank Office  
of National Scholarships  
Advisement, 2022

## No. 8 among worldwide universities granted U.S. patents

— National Academy of  
Inventors and the  
Intellectual Property  
Owners Association,  
2022

## No. 1 in Pac-12 with all-time best Academic Progress Rate

— NCAA, 2022

## No. 2 producer of Teach for America corps members

— Teach For America,  
2022

## Graduate programs among the Top 10 in the U.S.

— U.S. News & World  
Report, 2023

## A top-12 ranked law school

ahead of University  
of Illinois at  
Urbana-Champaign  
and University of  
California-Davis

— U.S. News & World  
Report, 2023

## Top 10 in the U.S. for community and national service

ahead of Duke,  
UNC-Chapel Hill and  
Johns Hopkins

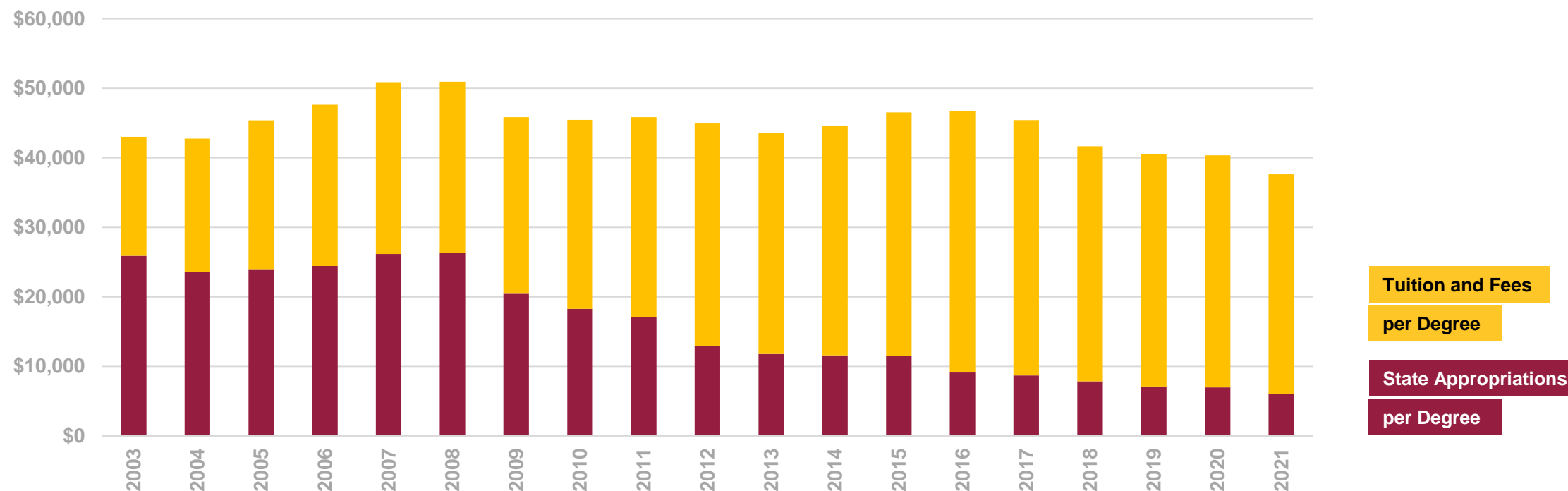
— Washington Monthly,  
2022

# Tuition supports ASU education given declines in state investment



Continuously enhance quality while maintaining affordability

Tuition and Appropriations per Degree (FY 2003 to FY 2021) in 2003 Dollars

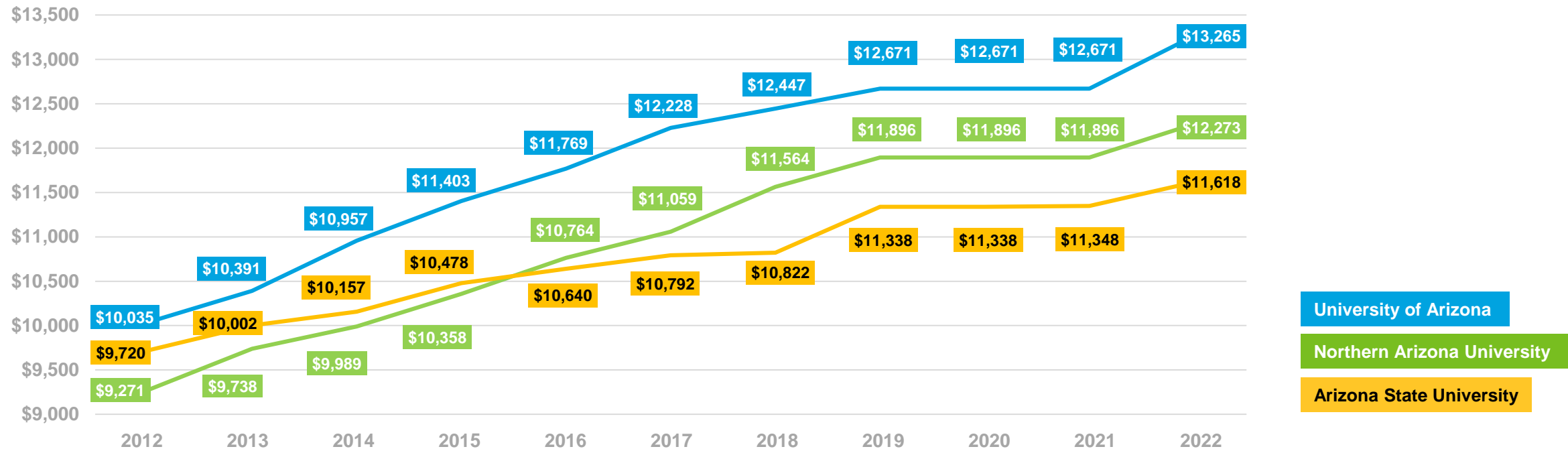


# ASU has committed to modest annual tuition adjustments



Continuously enhance quality while maintaining affordability

Tuition and Fees for New Resident First-Year Students (Fall 2012 to Fall 2022)

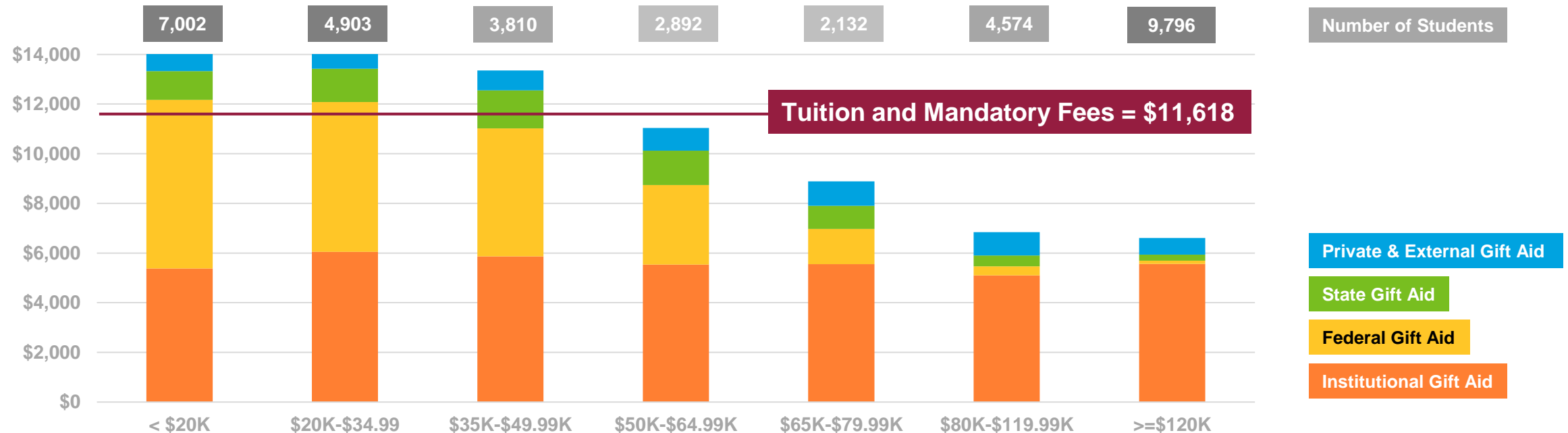


# ASU remains affordable by providing significant gift aid



Continuously enhance quality while maintaining affordability

## Estimated Average Gift Aid Awards by Family Income for Resident Undergraduate Students (2022-23)



AZ Median Household Income = \$70,821 U.S. Median Household Income = \$70,784 Source: U.S. Census Bureau, 2022

Estimated values based on Fall aid patterns before Spring and Summer disbursements. Year-end actuals may differ.

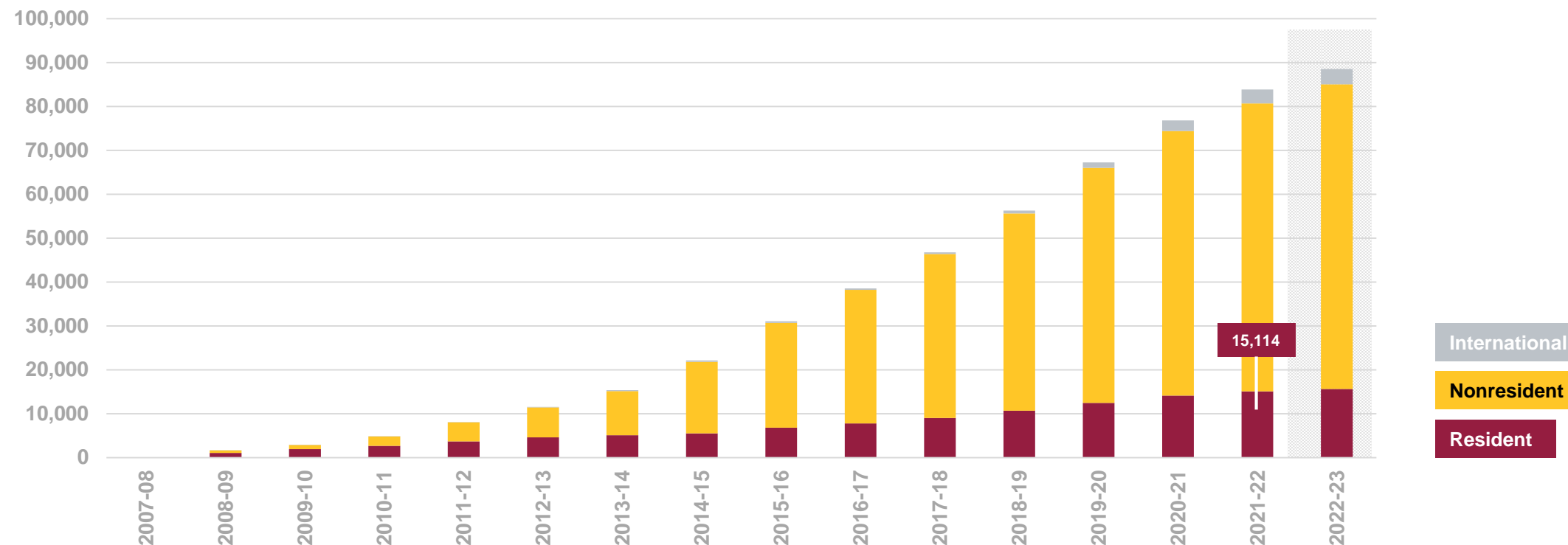


# Total online enrollment has continued to increase



Overcome geographic and financial barriers to education by enrolling 150,000 online degree-seeking students

Total Online Enrollment (AY 2007-08 to AY 2021-22, Estimate for AY 2022-23)



# ASU continues to drive innovation for improved student success



Continuously increase measured student development and learning outcomes

## Degree Selection and Progression

- Interactive degree planner
- Credit mobility suite
- Universal articulation agreements
- Exploratory majors

## Teaching and Learning Innovation

- General education redesign
- MACS Accelerator
- Virtual learning environments
- Full launch of ASU Sync

## Integrated Case Management

- Predictive analytics
- Proactive advising
- Holistic student data
- Health and wellness

## Comprehensive Academic Support

- Work + Learn
- Experiential learning
- 24/7 academic support network
- University College redesign



# NEO-STEM will transform science learning

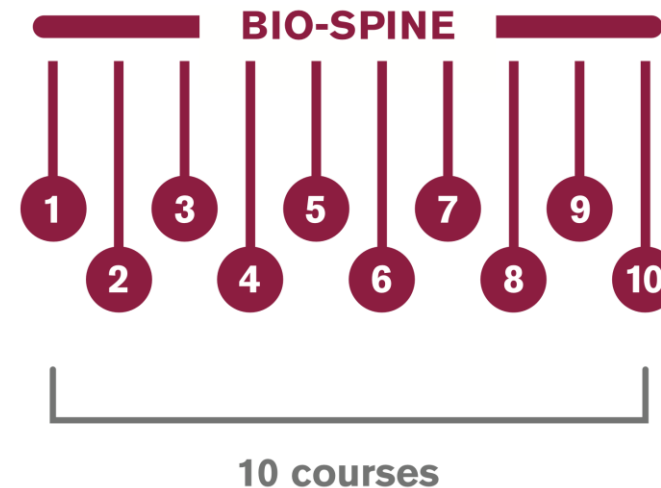
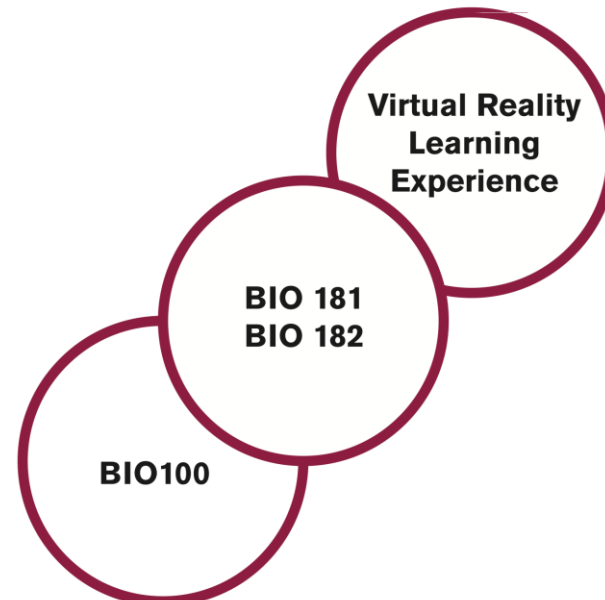


Continuously increase measured student development and learning outcomes

NEO-BIO will power the first adaptive learning biology curriculum

NEO-STEM

NEO-BIO





# Dreamscape Learn is transforming education through exploration



Continuously increase measured student development and learning outcomes



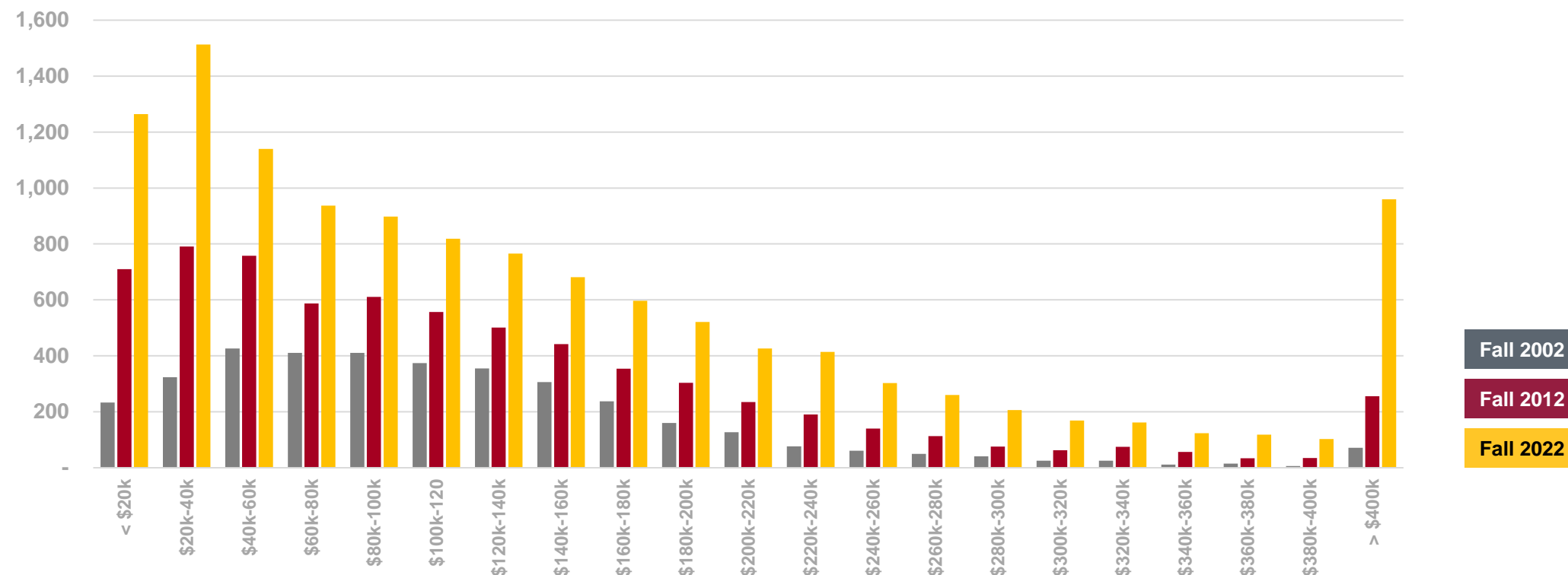
- Dreamscape Learn is a collaborative venture between Dreamscape Immersive and Arizona State University. Its mission is to improve learning outcomes by merging the most advanced experiential pedagogy with the entertainment industry's best cinematic storytelling.
- Since launching at ASU, over 14,000 students and guests have experienced Dreamscape Learn from 2020 to present.
- In a Spring 2022 study, students in DSL courses were **1.7 times more likely** to receive an A in lab assignments and rated their experience a 4.4 out of 5.

# ASU is accessible to low-income students



Engage learners of all socioeconomic, geographic and demographic backgrounds

Full-Time First-Year Enrollment by Income (Fall 2002, Fall 2012, Fall 2022)

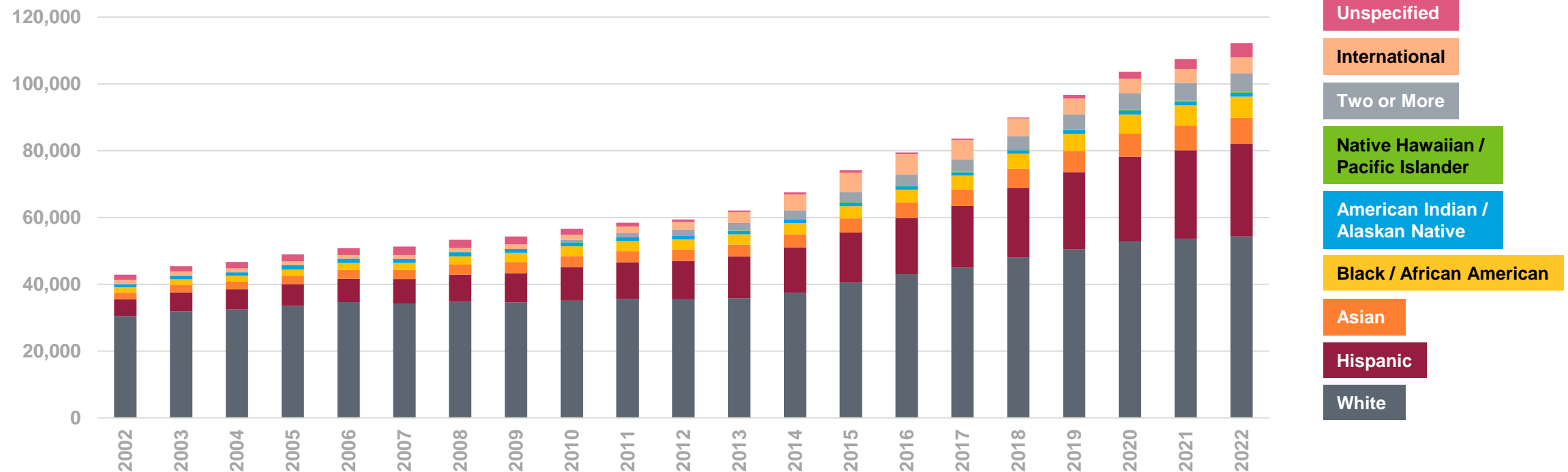


# ASU serves students from diverse populations



Engage learners of all socioeconomic, geographic and demographic backgrounds

Total Undergraduate Enrollment by Race/Ethnicity (Fall 2002 to Fall 2022)



# Decades of work have led to Hispanic-Serving Institution designation



Engage learners of all socioeconomic, geographic and demographic backgrounds



**SPARKS**



**WeGrad**



**me3**



**Hispanic-Mother Daughter Program**



**DREAMzone**



**Transfer Pathways**



**Access ASU**



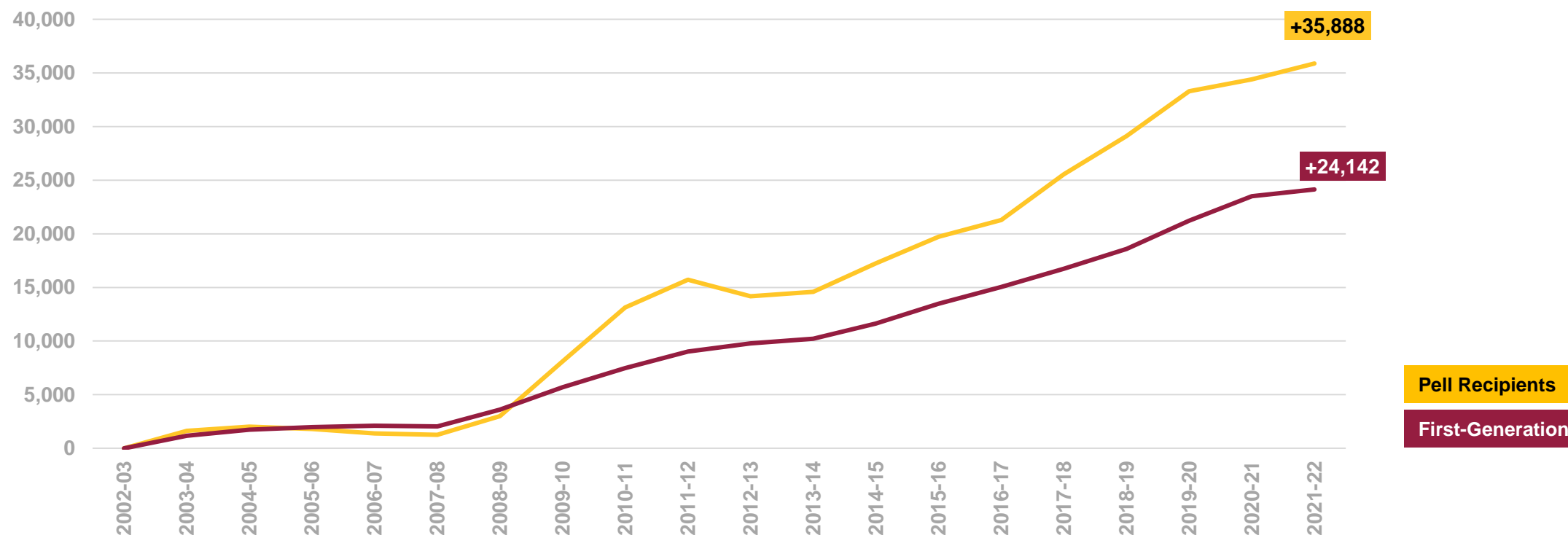
**Decision Center for Educational Excellence**

# Enrollment of Pell Grant recipients and first-generation students continued to grow



Engage learners of all socioeconomic, geographic and demographic backgrounds

Change in Pell Grant Recipient and First-Generation Enrollments Relative to AY 2002-03 (AY 2002-03 to AY 2021-22)



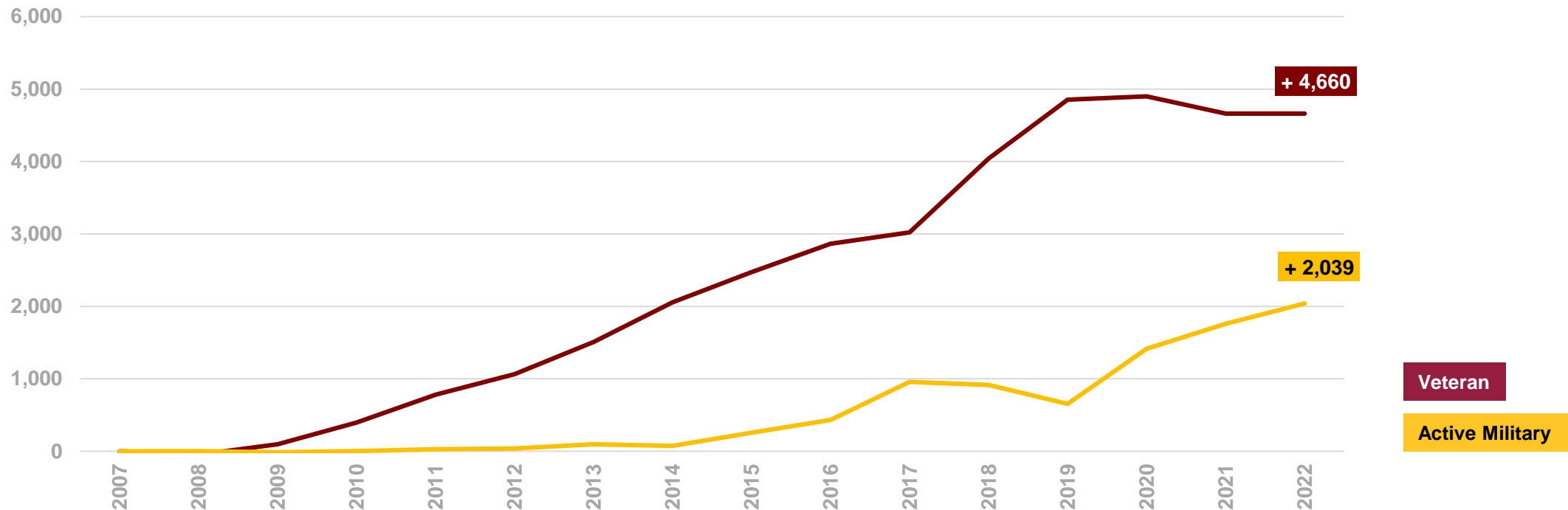


# Veteran and active military enrollment has increased significantly since 2007



Engage learners of all socioeconomic, geographic and demographic backgrounds

Change in Military and Veteran Student Enrollments Relative to Fall 2007 (Fall 2007 to Fall 2022)



**ASU engages learners  
from around the world**



Engage learners of all  
socioeconomic, geographic and  
demographic backgrounds



**No. 1**

**public university chosen  
by international students**

Institute of International Education, 2021

**Top 10 Countries**

India

China

Saudi Arabia

Canada

Republic of Korea

Taiwan

Vietnam

Mexico

Egypt

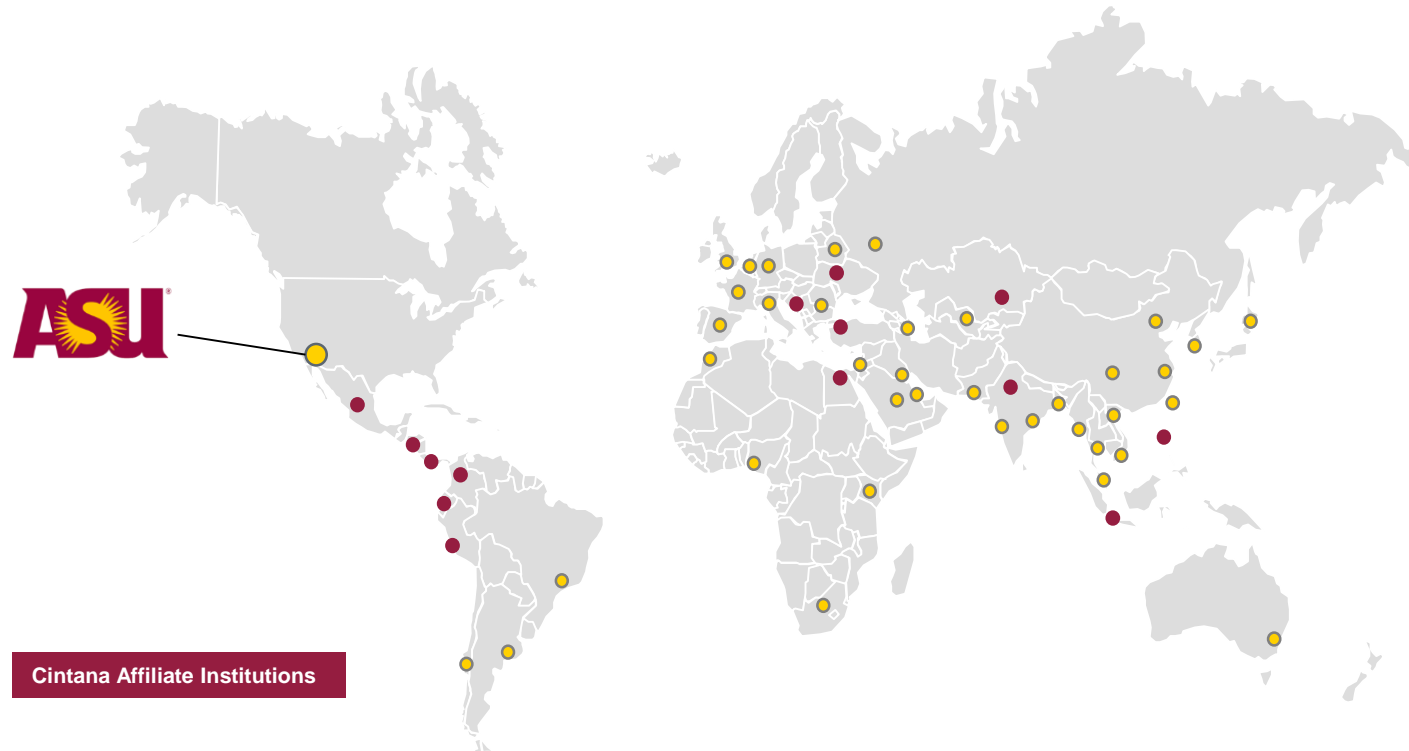
United Arab Emirates



# We are building a global university network to fuel impact



Engage learners of all socioeconomic, geographic and demographic backgrounds



In partnership with **Cintana Education**, ASU is building a global network of universities to increase access to quality higher education, with academic collaborations, student mobility and research and training projects.

Fourteen universities with more than 115,000 students in Colombia, Costa Rica, Ecuador, Egypt, India, Indonesia, Kazakhstan, Mexico, Montenegro, Philippines, Turkey and Ukraine are part of the ASU-Cintana Alliance and powered by ASU.

The network will expand to include **50 universities by 2030**.



**ASU is engaged and serving learners on both coasts**



Engage learners of all socioeconomic, geographic and demographic backgrounds



**ASU California Center**



**ASU Barrett & O'Connor Center**



Establish **national standing** in  
academic quality and impact of  
colleges and schools in every field

## **Establish national standing in academic quality and impact of colleges and schools in every field**

- **Advance and maintain national standing in academic quality for each college and school.**
- **Attain national standing in learning and post-graduation outcomes for students in all colleges and schools.**
- **Become the leading university academically (faculty, discovery, research, creativity) in at least one department or school within each college and school.**

# ASU is a leading knowledge enterprise



Advance and maintain national standing in academic quality for each college and school

## National Science Foundation Higher Education Research and Development Rankings (2021)

Total Research Expenditures: **42 of 910** ahead of



Caltech



UA ranked 36

Total Research Expenditures among Institutions without a Medical School: **6 of 750** ahead of



Caltech

NSF Funded Expenditures: **18 of 604** ahead of





# ASU schools and colleges earn recognition



Advance and maintain national standing in academic quality for each college and school

## A top ranked law school in the nation

(ahead of University of Illinois at Urbana-Champaign, University California-Davis, and University of California-Irvine)

— U.S. News & World Report, 2023

## No. 1 journalism school in overall programs for creative achievement

— Broadcast Education Association, 2022

W. P. Carey School of Business has 29 degree programs, both undergraduate and graduate and including online that rank among the country's top 25.

— U.S. News & World Report, 2023

Two graduate fine arts programs in ASU's Herberger Institute of Design and the Arts rank in the U.S. top 10.

— U.S. News & World Report, 2020

Mary Lou Fulton Teachers College is No. 12 in U.S. News & World Report's annual rankings of America's best graduate education programs and No. 4 among U.S. public universities.

— U.S. News & World Report, 2023

School of Public Affairs holds eight top 10 spots in U.S. News & World Report graduate rankings.

— U.S. News & World Report, 2021-2023

W. P. Carey School of Business has 6 Top 10 online graduate programs.

— U.S. News & World Report, 2022

Watts College of Public Service and Community Solutions has seven graduate programs ranked in the Top 10 nationally.

— U.S. News & World Report, 2023

School of Earth and Space Exploration ranks No. 12 among graduate schools for earth sciences

(ahead of Yale, Cornell, Rice, Virginia Tech and Ohio State).

— U.S. News & World Report, 2023

Top 20 for earned doctorates.

— National Science Foundation, 2022

ASU Online is among the top 10 for bachelor's degrees in the U.S. five years in a row.

— U.S. News & World Report, 2022

No. 1 in visual and performing arts doctorates.

— National Science Foundation, 2022

A top university worldwide for academic reputation.

— Times Higher Education World Reputation Rankings, 202

The Thunderbird School of Global Management is ranked No. 1 in the world for international trade

(ahead of Harvard, MIT and Stanford)

— QS International Trade Rankings, 2023

# Arizona students exemplify excellence at ASU



Attain national standing in learning and post-graduation outcomes for students in all colleges and schools



## Rhodes Scholarship Winner

**Nathaniel Ross (2022)**  
Barrett, The Honors College

Biological Sciences, Political Science,  
Applied Quantitative Science, and History

Master of Science in Biology  
and Society (May 2023)

Truman Scholar Finalist (2022)

Udall Scholar (2021)

Flinn Scholar (2019)



## Marshall Scholarship Winner

**Katie Sue Pascavis (2023)**  
Ira A. Fulton Schools of Engineering

Mechanical Engineering and  
Global Health

Goldwater Scholarship for Excellence  
in STEM Research (2022)

Udall Scholar (2022)

President, Engineers Without  
Borders at ASU



## Truman Scholarship Winner

**Armando Montero (2023)**  
Barrett, The Honors College

Political Science, Economics and Health

Youngest-ever Tempe Union High School  
District governing board (2020)

Maricopa County Co-Director,  
Arizona School Boards Association

ASU Policy Analyst (2021-)

# ASU graduates are highly successful in the workforce



Attain national standing in learning and post-graduation outcomes for students in all colleges and schools

**#2**

Ranking in Teach for America recruitment

**#5**

Wall Street Journal ranking of top universities favored by employers (ahead of Penn State, Texas A&M, University of Illinois and Purdue).

**#9**

Forbes ranking of U.S. universities with alumni working at Fortune 500 companies.

**Top 10**

SHL survey university ranking for technology hires (2020).

**#13**

Times Higher Education ranking of U.S. universities producing the most employable graduates (ahead of John Hopkins, Georgia Tech and UCLA).

**#34**

Global Employability Rankings Survey of U.S. universities producing the most employable graduates (ahead of John Hopkins, Georgia Tech and UCLA).

**82%**

Percentage of new Fulton Schools of Engineering (FSE) graduates that were employed or received a job offer within 90 days of graduation.

**51%**

Percentage of FSE students participating in student teaching, field experience, clinical rotations, practicums or internships.

**100%**

Percentage of the 2021 classes of Master of Taxation and Master of Science in Information Systems Management that were employed 6 months after graduation.



# ASU academic programs are top ranked nationally



Become the leading university academically (faculty, discovery, research, creativity) in at least one department or school within each college and school

**No. 1 Best Online Programs - Bachelor's, Business**

**W. P. Carey School of Business**

— U.S. News & World Report

**No. 2 Best Graduate School Rankings, Project Management**

**W. P. Carey School of Business**

— U.S. News & World Report

**No. 2 Best Undergraduate Business Programs Rankings, Supply Chain Management/Logistics**

**W. P. Carey School of Business**

— U.S. News & World Report

**No. 1 Survey of Earned Doctorates, Visual and Performing Arts**

**Herberger Institute for Design and the Arts**

— National Science Foundation

**No. 1 Best Online Master's Education Programs, Education: Ed Administration & Supervision**

**Mary Lou Fulton Teachers College**

— U.S. News & World Report

**No. 1 Best Online Master's Education Programs, Education: Ed/Instructional Media Design**

**Mary Lou Fulton Teachers College**

— U.S. News & World Report

**No. 2 Best Online Master's Education Programs, Education: Curriculum & Instruction**

**Mary Lou Fulton Teachers College**

— U.S. News & World Report

**No. 2 Best Online Master's Engineering Programs, Engineering: Electrical**

**Ira A Fulton Schools of Engineering**

— U.S. News & World Report

**No. 3 Best Online Master's Engineering Programs, Engineering: Management**

**Ira A Fulton Schools of Engineering**

— U.S. News & World Report

**No. 4 Best Online Programs - Bachelor's, Psychology**

**Integrative Sciences and the Arts**

— U.S. News & World Report

**No. 4 Best Graduate School Rankings, Legal Writing**

**Sandra Day O'Connor College of Law**

— U.S. News & World Report

**No. 1 Best Graduate School Rankings, Homeland/National Security**

**Watts College of Public Service and Community Solutions**

— U.S. News & World Report

**No. 2 Best Graduate School Rankings, Criminology**

**Watts College of Public Service and Community Solutions**

— U.S. News & World Report

**No. 3 Best Graduate School Rankings, Geochemistry**

**The College**

— U.S. News & World Report





**Expand ASU's role as the leading  
global center for interdisciplinary  
research, discovery and  
development by 2028**

## Expand ASU's role as the leading global center for interdisciplinary research, discovery and development

- Launch the prototype medical center for the planet.
- Become the leading American center for discovery and scholarship in the integrated social sciences and comprehensive arts and sciences.
- Enhance research competitiveness to more than **\$1 billion** in annual research expenditures.
- Drive regional economic competitiveness through research, discovery and socioeconomically integrated programs.
- Serve as a leading American center for innovation and entrepreneurship.
- Create the leading global center for education and learning technology.

# Julie Ann Wrigley Global Futures Laboratory is the prototype medical center for the planet



Launch the prototype medical  
center for the planet

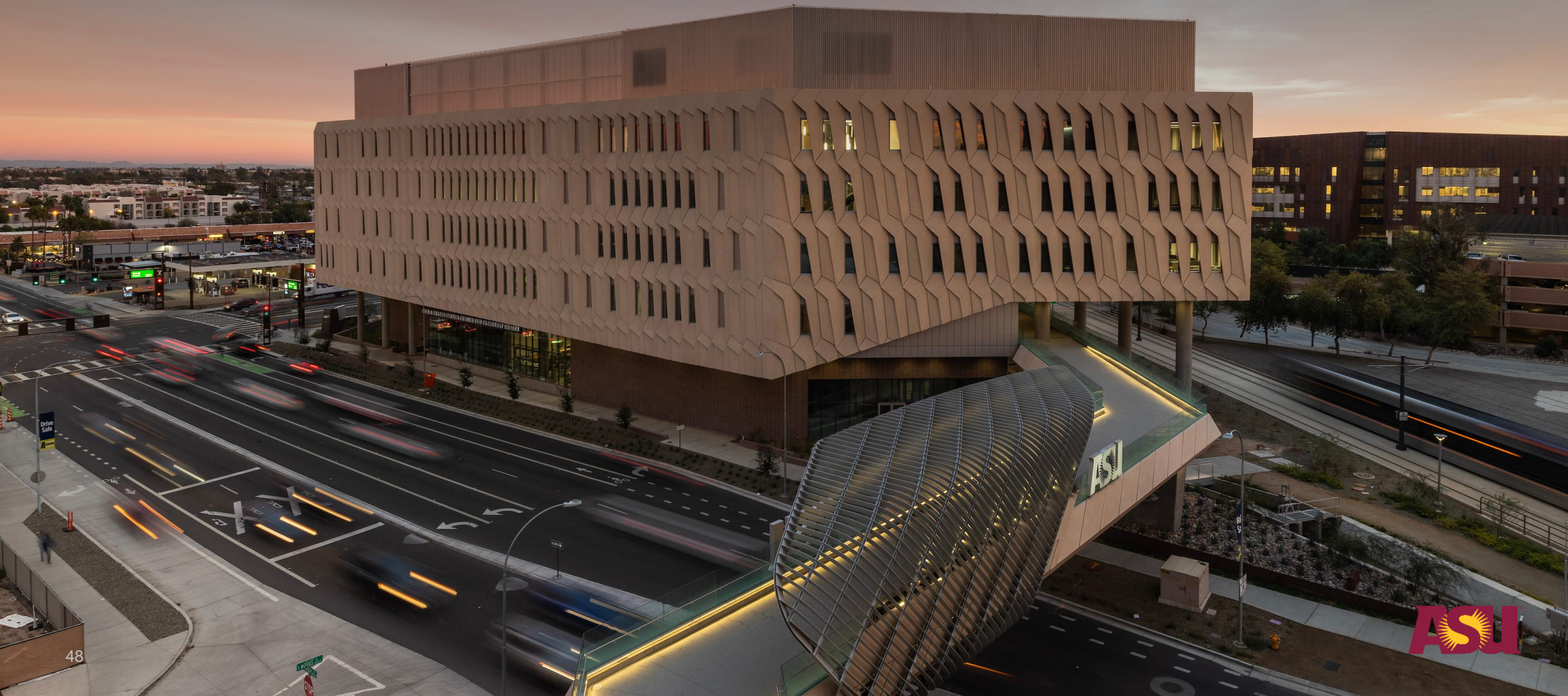




# Rob and Melani Walton Center for Planetary Health



Launch the prototype medical  
center for the planet





# Bermuda Institute of Ocean Sciences



Launch the prototype medical  
center for the planet





# Center for Global Discovery and Conservation Science, Hilo



Launch the prototype medical center for the planet





# ASU leads discovery in the humanities and social sciences



Become the leading American center for discovery and scholarship in the integrated social sciences and comprehensive arts and sciences

## National Science Foundation Higher Education Research and Development Rankings (2021)

Transdisciplinary (other sciences): **1 of 253** ahead of

Northwestern University

University of Pittsburgh

JOHNS HOPKINS UNIVERSITY

THE OHIO STATE UNIVERSITY

Massachusetts Institute of Technology

MICHIGAN STATE UNIVERSITY

THE UNIVERSITY OF ARIZONA

Social Sciences: **4 of 490** ahead of



Cornell University

UCLA



THE UNIVERSITY of NORTH CAROLINA at CHAPEL HILL

Berkeley UNIVERSITY OF CALIFORNIA

THE UNIVERSITY OF ARIZONA



PennState

Penn UNIVERSITY OF PENNSYLVANIA

Humanities: **15 of 400** ahead of

Yale

Northwestern University

UNIVERSITY of VIRGINIA



PennState

THE UNIVERSITY OF ARIZONA



EMORY UNIVERSITY

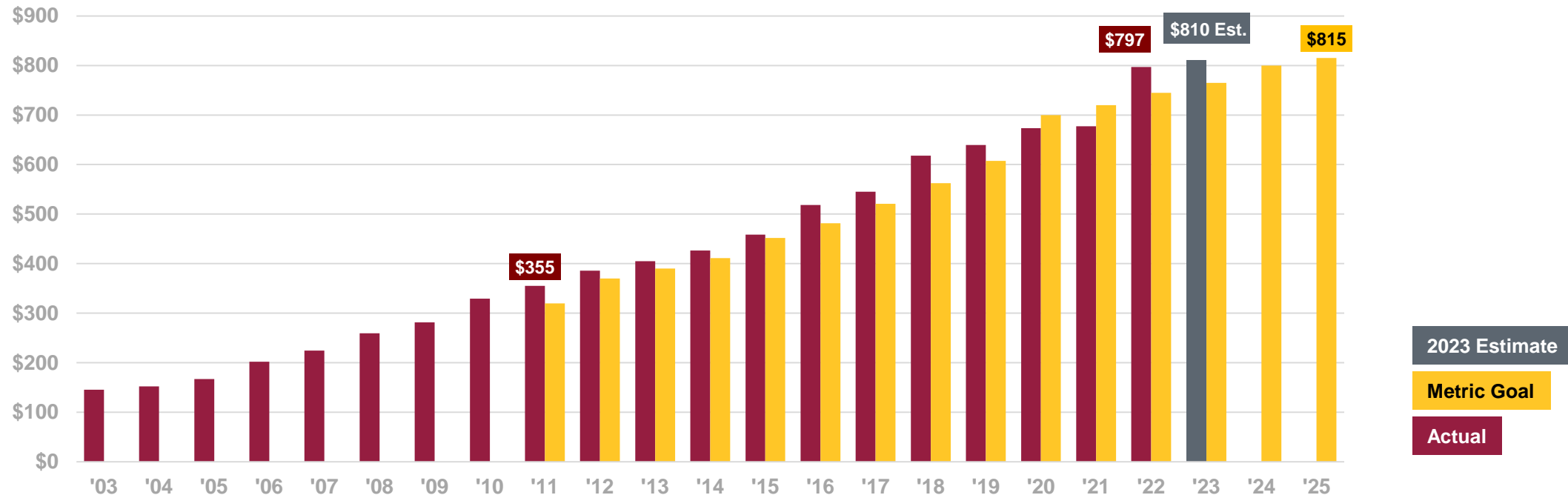
UCLA

# Research expenditures almost doubled over the last decade



Enhance research competitiveness to more than \$1 billion in annual research expenditures

Expenditures Reported to NSF Higher Education Research and Development Survey (Dollars in Millions)





# ASU catalyzes a future of sustained prosperity for Arizona



Drive regional economic competitiveness through research, discovery and socioeconomically integrated programs



ASU plays a key role in Arizona's New Economy Initiative, which will:

- Create **40,000** new high-wage jobs by 2041.
- Increase economic output to **\$6.9 billion**.
- **Double** the return on the state's investment by 2032.

The New Economy Initiative builds on ASU's role as a catalyst for economic growth and resilience and two decades of enabling accessible, high-quality education and innovative research that meets the needs of the market and society.

# Scale of Fulton Schools of Engineering drives regional economic outcomes



Drive regional economic competitiveness through research, discovery and socioeconomically integrated programs

School of Biological and Health Systems Engineering	School of Computing and Augmented Intelligence Engineering	School of Electrical, Computer and Energy Engineering	School for Engineering of Matter, Transport and Energy	School of Sustainable Engineering and the Built Environment	The Polytechnic School	School of Manufacturing Systems and Networks
811 Students 659 Undergraduate 152 graduate	11,320 Students 7,560 undergraduate 3,760 graduate	3,691 Students 2,501 undergraduate 1,190 graduate	4,608 Students 3,536 undergraduate 1,072 graduate	2,332 Students 1,491 undergraduate 841 graduate	6,877 Students 5,573 undergraduate 1,304 graduate	121 Students 50 Undergraduate 71 Graduate

7 interdisciplinary programs

26 undergraduate programs

48 graduate programs

2 campuses + ASU Online

Fall 2022: 30,297 Students

\*Includes 537 students who are non-degree seeking or who are enrolled in "Dean's Office Programs that do not reside in a school.

## The Global School

Advancing engineering design on a global scale

The Engineering and Design Institute: London (TEDi)



Produce new kinds of graduates:

- Creators and innovators
- Entrepreneurs and problem solvers
- Global citizens who are the engineers and technologists of the future

ASU-Cintana Alliance



Global network of innovative and forward-looking universities

- Coordinated degree programs
- International exchange programs for students and faculty
- Research collaboration opportunities





# Fulton School of Manufacturing Systems and Networks



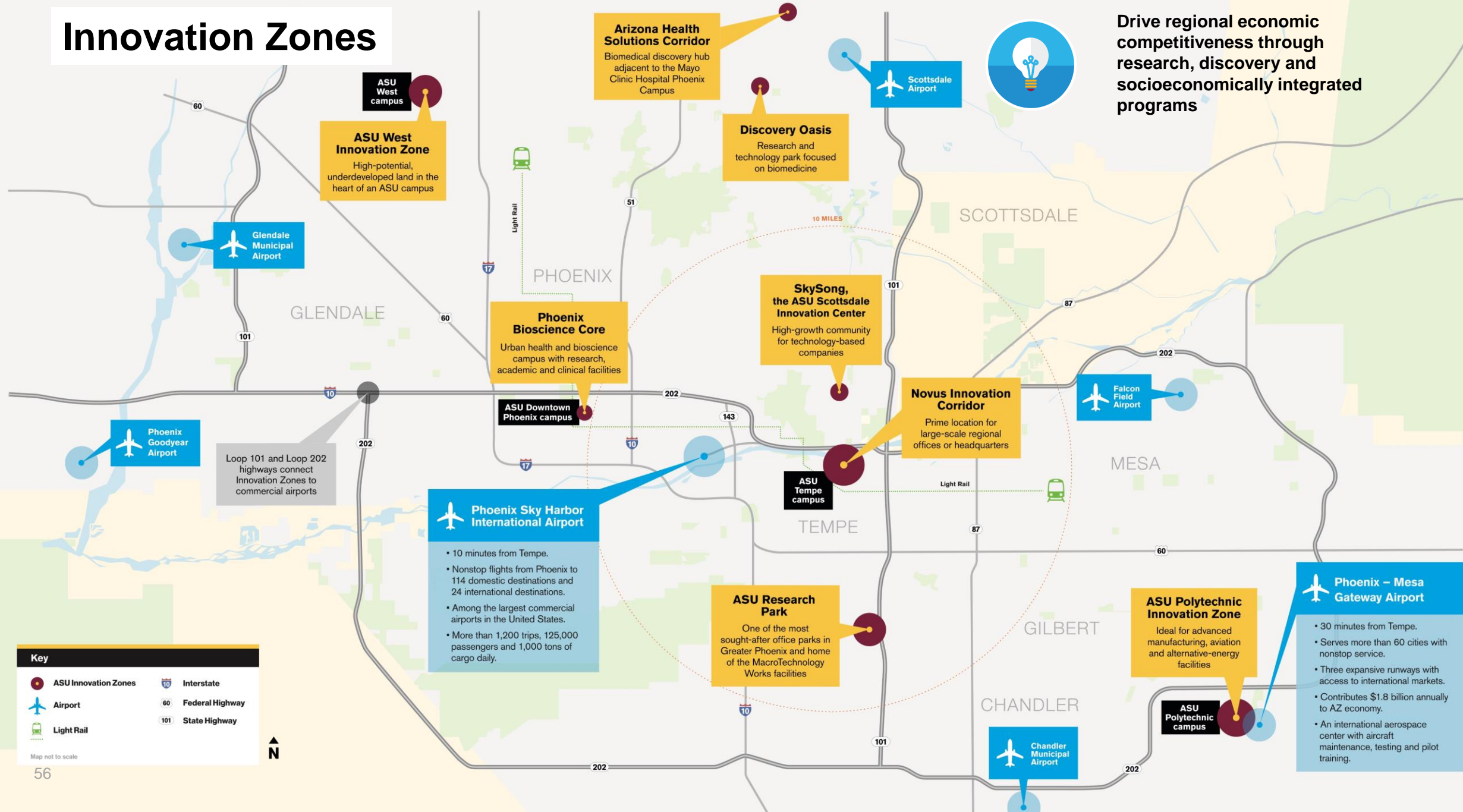
Drive regional economic competitiveness through research, discovery and socioeconomically integrated programs





# Innovation Zones

Drive regional economic competitiveness through research, discovery and socioeconomically integrated programs







Novus



Drive regional economic competitiveness through research, discovery and socioeconomically integrated programs



# Media and Immersive eXperience (MIX) Center



Drive regional economic competitiveness through research, discovery and socioeconomically integrated programs





# Wexford Phoenix Bioscience Core Campus



Drive regional economic competitiveness through research, discovery and socioeconomically integrated programs





# Omni Tempe Hotel at ASU



Drive regional economic competitiveness through research, discovery and socioeconomically integrated programs





# Skysong Innovations garners worldwide recognition



Serve as a leading American  
center for innovation and  
entrepreneurship

**200+**

New companies  
launched by ASU  
entrepreneurs  
working with  
Skysong  
Innovations

**\$1.2B**

Outside  
investments  
attracted by  
new companies

**6th**

In best tech transfer  
for universities  
without a medical  
school 21<sup>st</sup> overall  
ahead of:

Northwestern  
University



Duke  
UNIVERSITY

**8th**

In U.S. utility  
patents issued to  
universities  
worldwide in 2021  
ahead of:

Caltech



**11th**

In innovation  
productivity among  
large comprehensive  
research universities  
ahead of:

Stanford  
University



W  
UNIVERSITY of  
WASHINGTON



# Skysong Innovations impact spans sectors

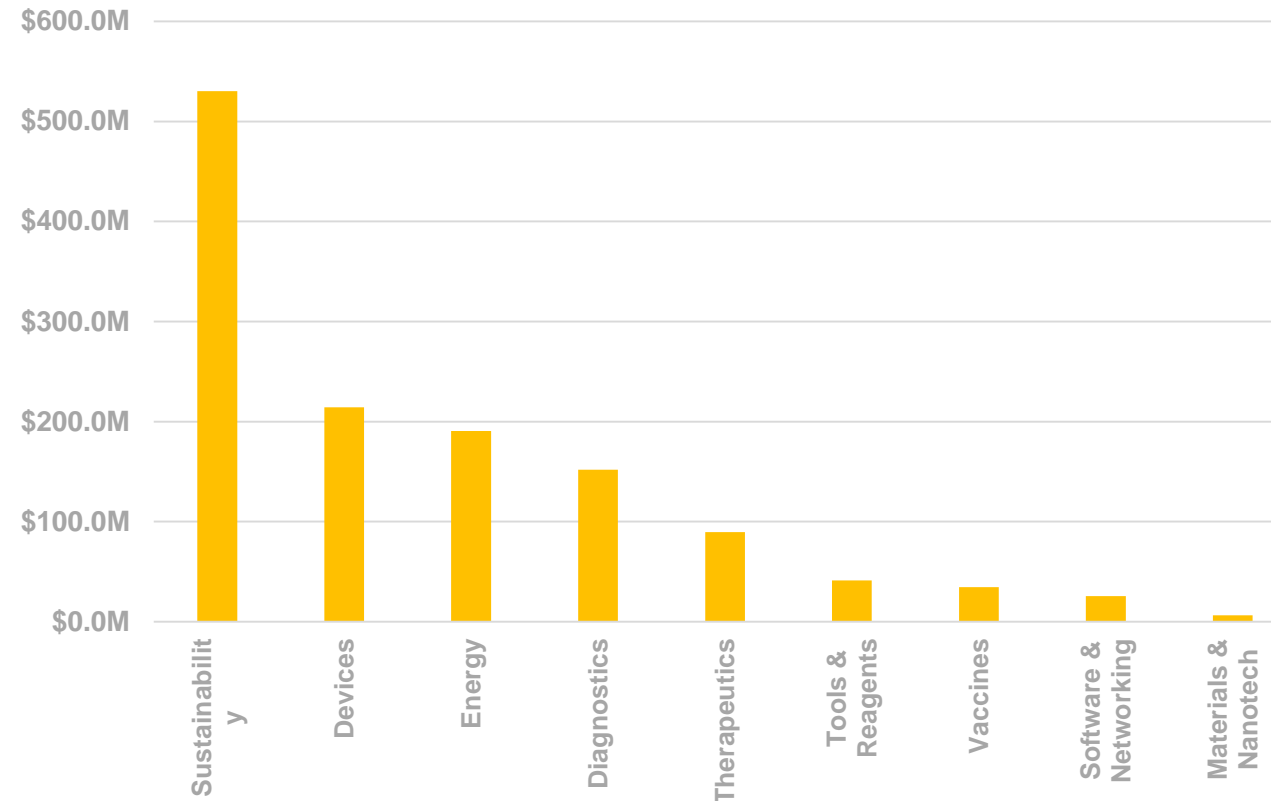


Serve as a leading American  
center for innovation and  
entrepreneurship

**ASU's startups are changing  
the way the world solves  
problems:**

- Closing critical gaps in home health care
- DNA origami to fight cancerous tumors
- Better autism diagnosis and treatment
- A “metabolic analyzer” to aid weight loss and manage fitness
- A vaccine that could prevent cancer in dogs

**External Financing Reported by ASU Startups, by Sector, Since 2003 (Dollars in Millions)**





# Fusion on First



Serve as a leading American center for innovation and entrepreneurship

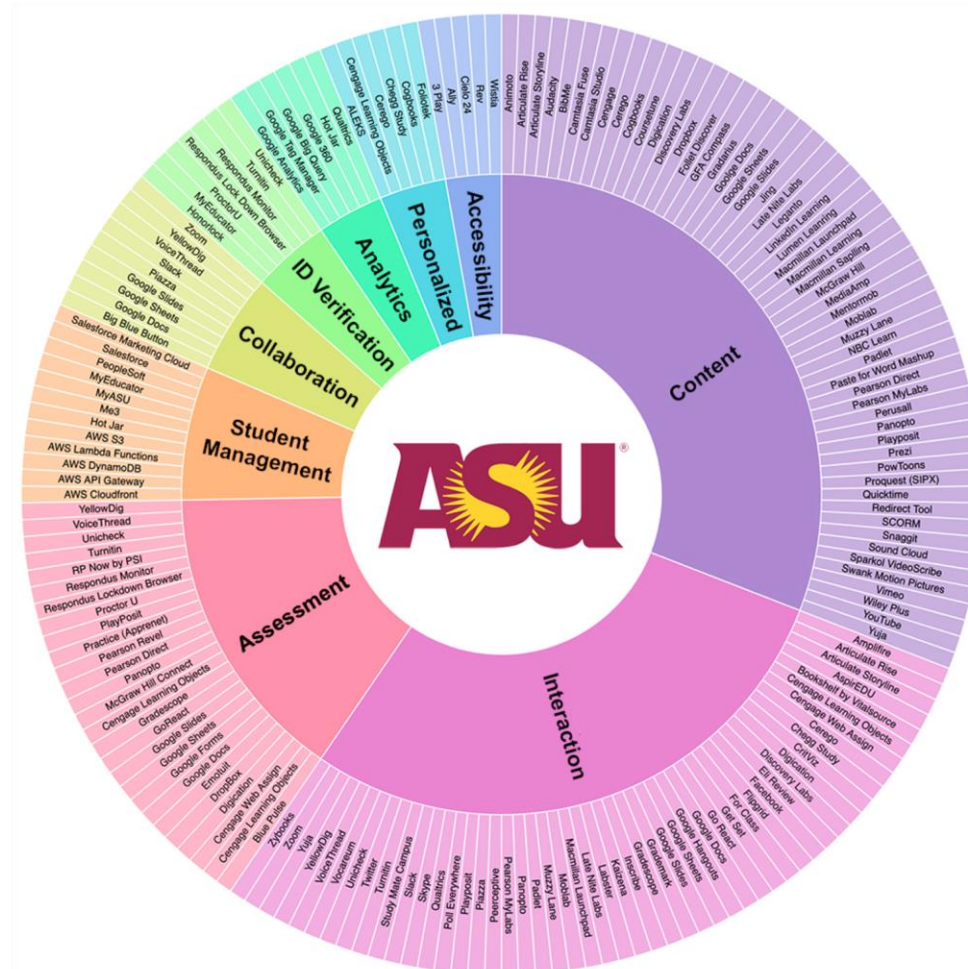




# ASU Digital Learning Platform powers teaching and learning



**Create the leading global center  
for education and learning  
technology**





Enhance our **local impact**  
and social embeddedness

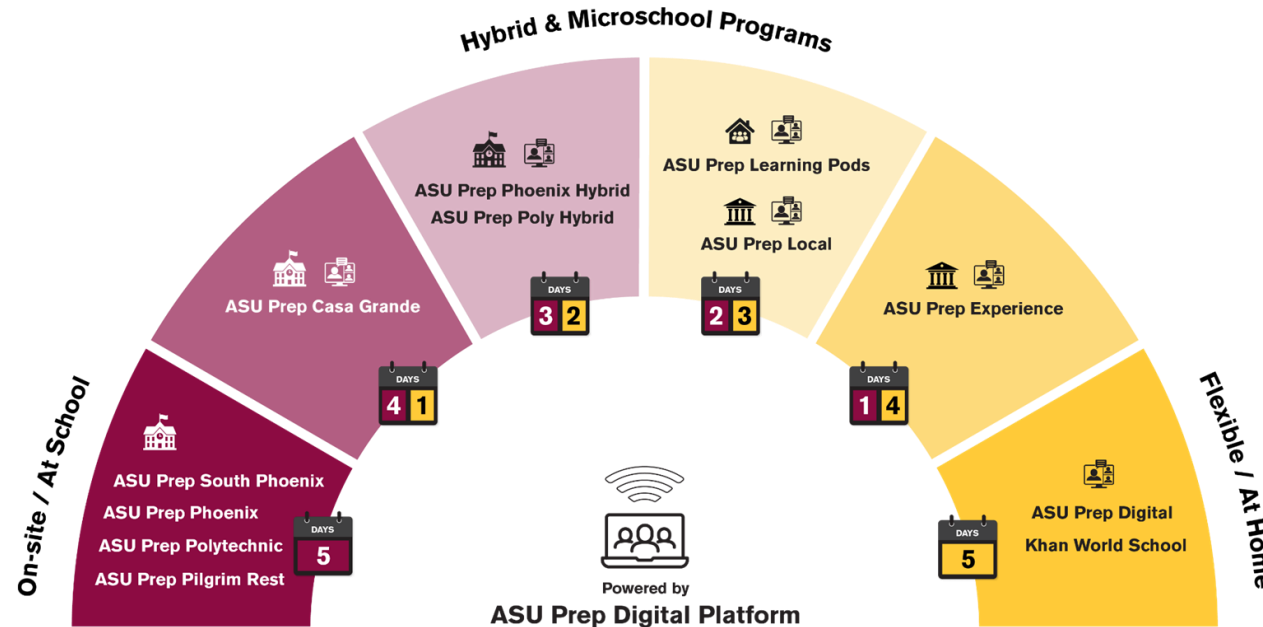
## Enhance our local impact and social embeddedness

- Leverage ASU as a public enterprise to strengthen Arizona's interactive network of teaching, learning, and discovery resources.
- Co-develop solutions to the critical social, technical, cultural and environmental issues facing 21st-century Arizona, ensuring sustainability and resilience.
- Meet the needs of 21st-century Universal Learners through personalized learning pathways that promote adaptability to emergent social and technological changes.

# ASU Prep offers varied learning models to facilitate broad access



Leverage ASU as a public enterprise to strengthen Arizona's interactive network of teaching, learning, and discovery resources



**ASU Prep is serving more than 33,000 learners in Arizona and beyond**

**3,800+**

learners served in K-12 immersion schools on four Arizona campuses

**24,000**

learners served in partnership with other schools around the world

**5,600+**

learners served in K-12 full-time digital offerings around the world

**18,000**

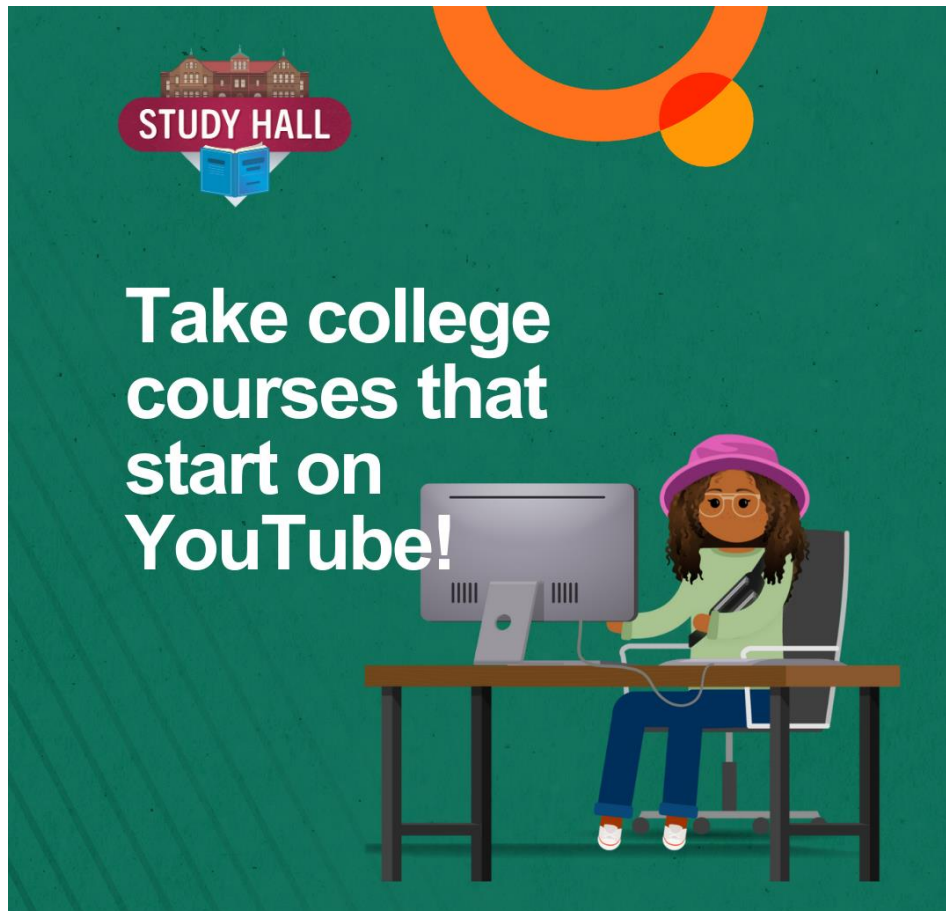
teachers trained in 1,500 schools in our Arizona Virtual Teaching Institute



## Any learner can access ASU courses with Study Hall



Leverage ASU as a public enterprise to strengthen Arizona's interactive network of teaching, learning, and discovery resources



ASU college courses will be available on YouTube in March 2023 for any learner looking to pursue a college degree through a partnership with YouTube and Crash Course.

Learners can earn college credit in English Composition, College Math, US History and Human Communication.

Learners can watch course content for free. They can also opt to pay \$25 to take the full online course, with a separate fee for course credit.



# ASU selected to lead the Arizona Water Innovation Initiative



Co-develop solutions to the critical social, technical, cultural and environmental issues facing 21st-century Arizona, ensuring sustainability and resilience



A **\$40 million investment** will fund the multiyear initiative to provide swift, actionable and evidence-based solutions to ensure a secure future water supply.

It includes the **Global Center for Water Technology**, which will work on:

- Technology, policy, law and infrastructure for coastal water desalination
- Advanced technology for more water-efficient agricultural operations
- Commercialization and deployment of water treatment and reuse technology that supports energy production and microchip manufacturing
- New designs for urban water conservation

# ASU is a global hub for microelectronics activity



Co-develop solutions to the critical social, technical, cultural and environmental issues facing 21st-century Arizona, ensuring sustainability and resilience



## U.S. President Biden at TSMC

President Biden attended the TSMC Phoenix plant celebration and spoke with President Crow.



## U.S. Commerce Secretary Gina Raimondo

Secretary Raimondo joined U.S Senator Mark Kelly on a tour of ASU MacroTechnology Works.



## Ambassador Esteban Moctezuma Barragan

Ambassador Moctezuma visited ASU to sign an MOU to boost semiconductor production in North America.



## U.S. Undersecretary of Defense for Research and Engineering Heidi Shyu

Undersecretary Shyu visited ASU MacroTechnology Works.



# MacroTechnology Works



Co-develop solutions to the critical social, technical, cultural and environmental issues facing 21st-century Arizona, ensuring sustainability and resilience





# Mayo-ASU Alliance for Health Care



Co-develop solutions to the critical social, technical, cultural and environmental issues facing 21st-century Arizona, ensuring sustainability and resilience

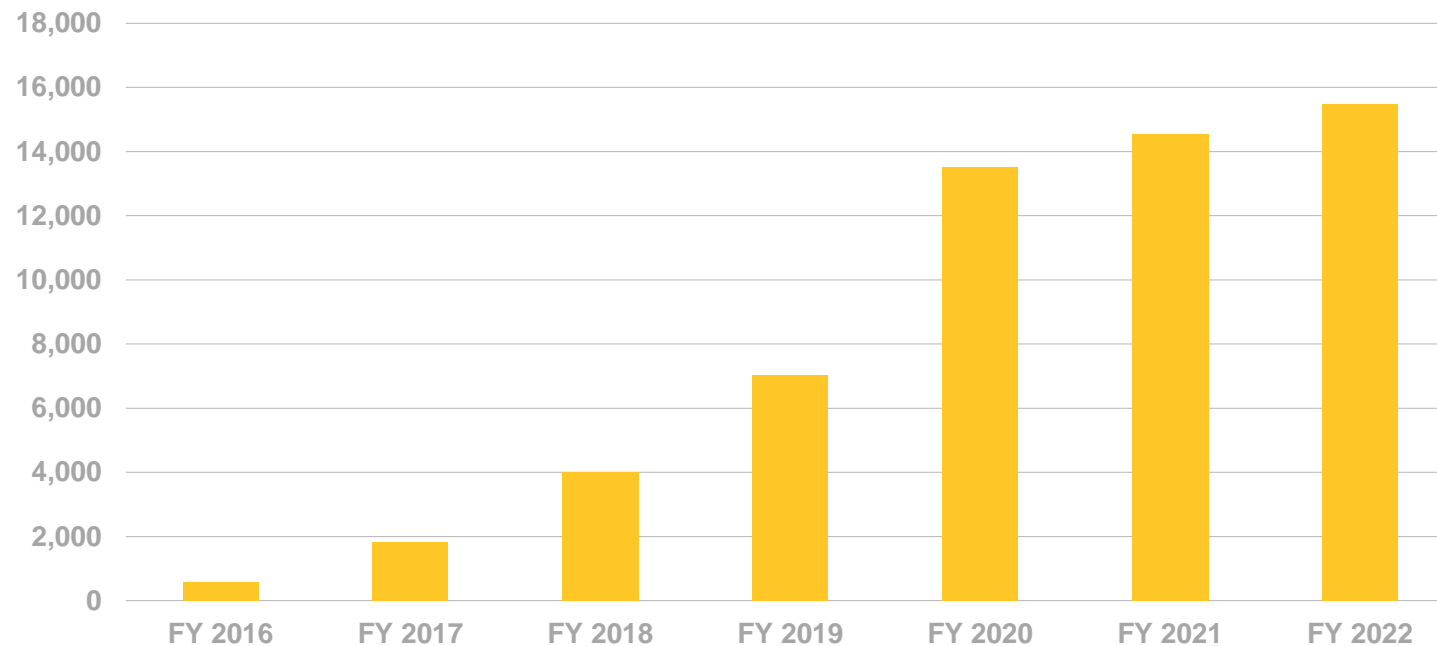


# Universal Learner Courses have created an alternative path to ASU



Meet the needs of 21st-century  
Universal Learners

Universal Learner Course Enrollment (FY 2016 to FY 2022)



Once admitted to ASU, Earned Admission students perform academically at the same level or better than those admitted through the traditional admissions process.

# Learning Enterprise provides skill development for Universal Learners



Meet the needs of 21st-century Universal Learners

## ASU CareerCatalyst Arizona State University

### Professional Skills for Everyone

Setting learners up to be top job candidates through soft skills, or professional skills.

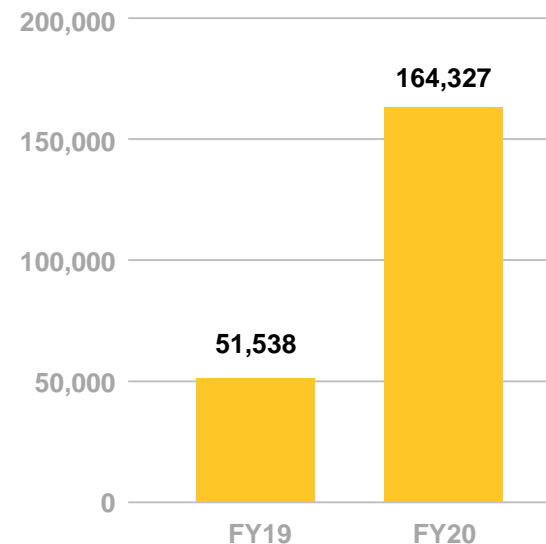
Skills learners can use these skills in their job right away.

### Technical Skills

ASU is investing in skills training to fuel the growth of Industries of the Future and the state's economy.

- Advanced Materials
- Manufacturing
- Human Performance
- Extreme Environments
- Advanced Communications

### Enrollment



**310K+**

learners enrolled in learning offerings, including courses, bootcamps, certificates and workshops

**25M+**

views of educational content, including videos, games, blogs, website content and museum visits

**750+**

partnerships with K-12 schools, other educational institutions and organizations and corporations



# Starbucks collaboration is growing proven pathways to a college education



Meet the needs of 21st-century  
Universal Learners



## Starbucks College Achievement Plan (SCAP)

- Full tuition coverage for benefits-eligible employees, or partners, to earn their bachelor's degree through ASU Online
- 10,000 SCAP graduates
- 23,000+ students enrolled in SCAP

## Starbucks Global Academy

- Over 600,000 course enrollments, 155,000+ unique learners in 80+ countries, and 7 languages



# Mirabella at ASU

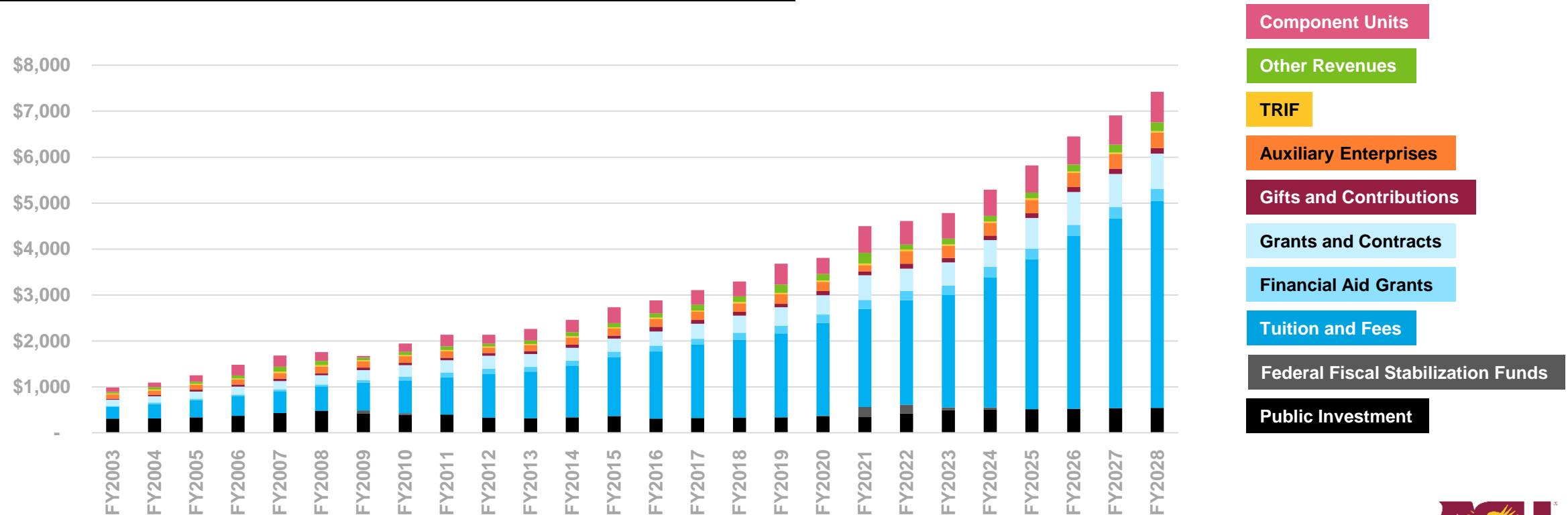


Meet the needs of 21st-century  
Universal Learners

# Financial Review

# Revenues have more than quadrupled over past two decades

## Net Revenues for ASU and Component Units in Millions (Actual for FY 2003 to FY 2022, Projections for FY 2023 to FY 2028)

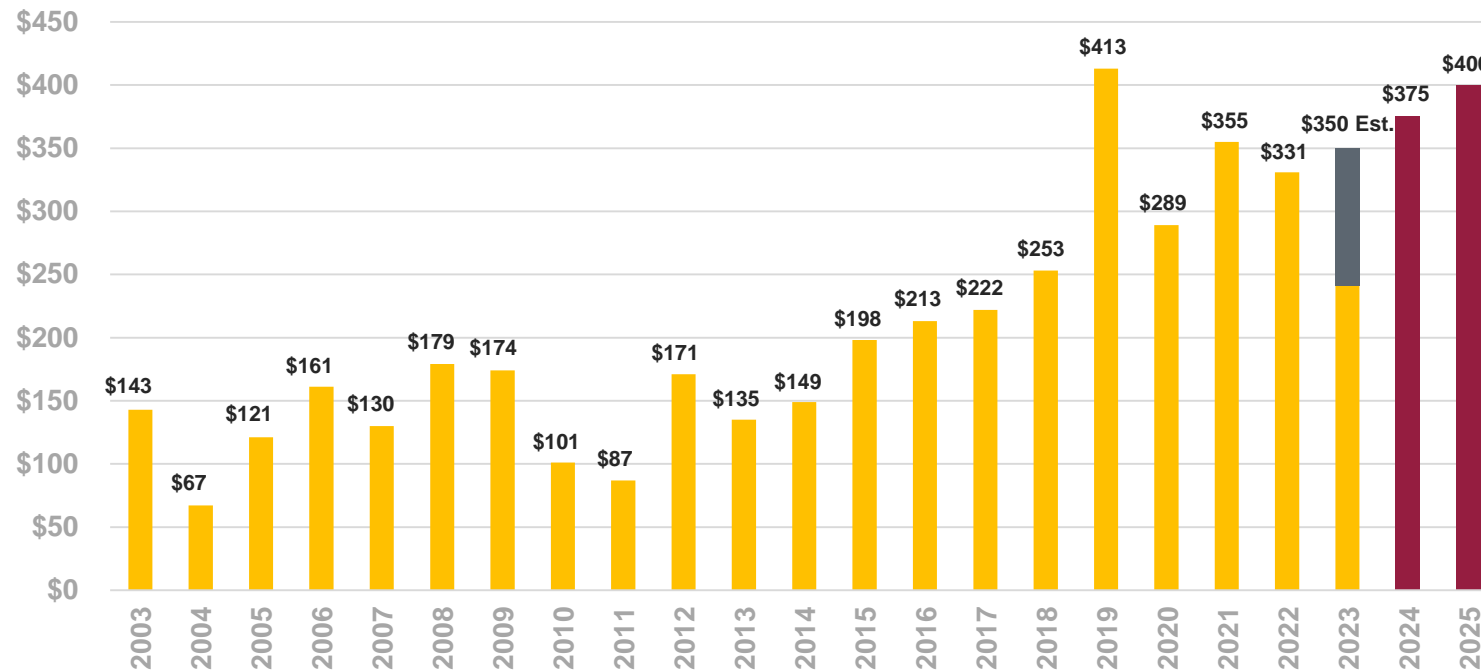


The FY21 Component Unit Revenues and Sponsored Project Expenditures figures are much higher due to COVID stimulus funds.  
The component units revenues are used on university-wide enterprise reports instead of the component units revenues (less eliminations), beginning in 2022

# ASU fundraising supports the enterprise

## Performance and Projections for New Gifts and Commitments

(Dollars in Millions, Actuals for FY 2003 to FY 2022, Estimates Beginning FY 2023)



Endowment value reached

**\$1.356B**

ASU named the **Rob and Melani Walton Center for Planetary Health** in Tempe along with the **F. Francis and Dionne Najafi Thunderbird Global Headquarters** in Downtown Phoenix.

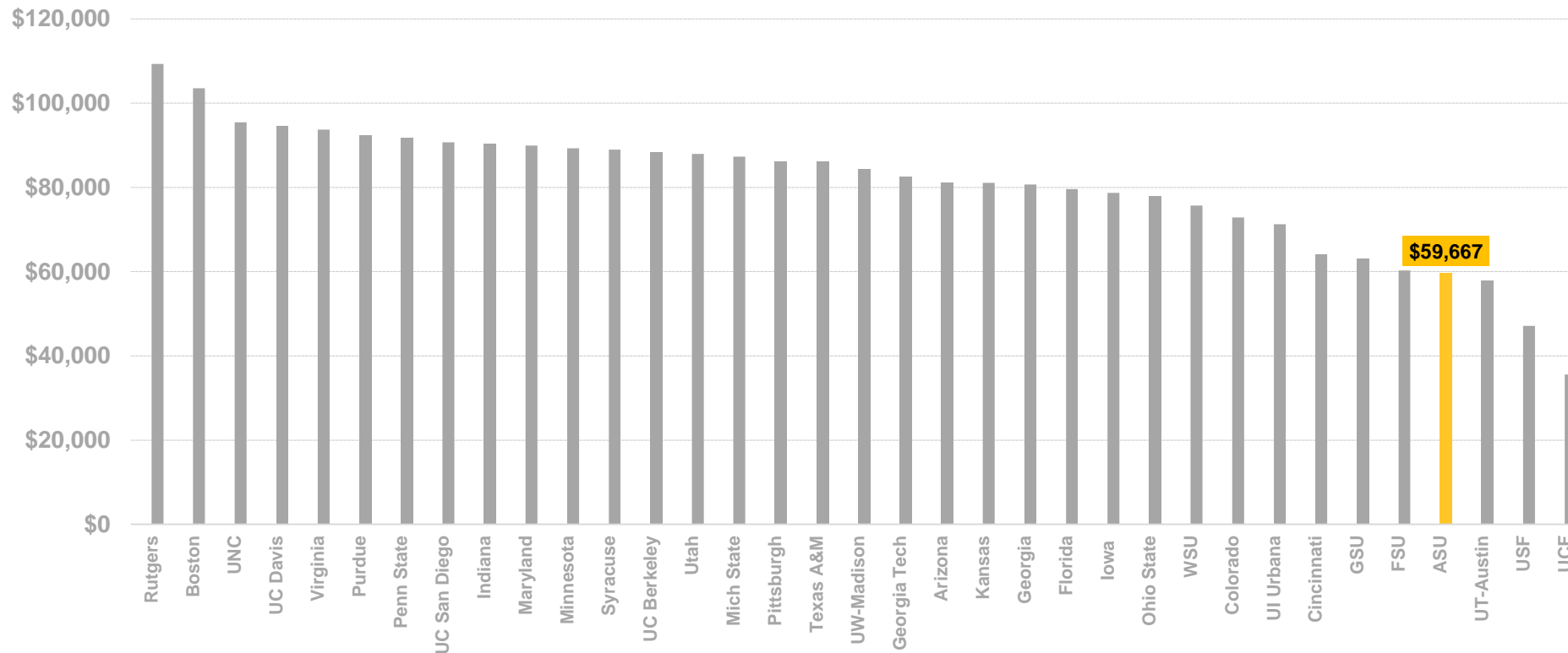
Projected

Actual



# ASU receives less resources per degree awarded than the national median

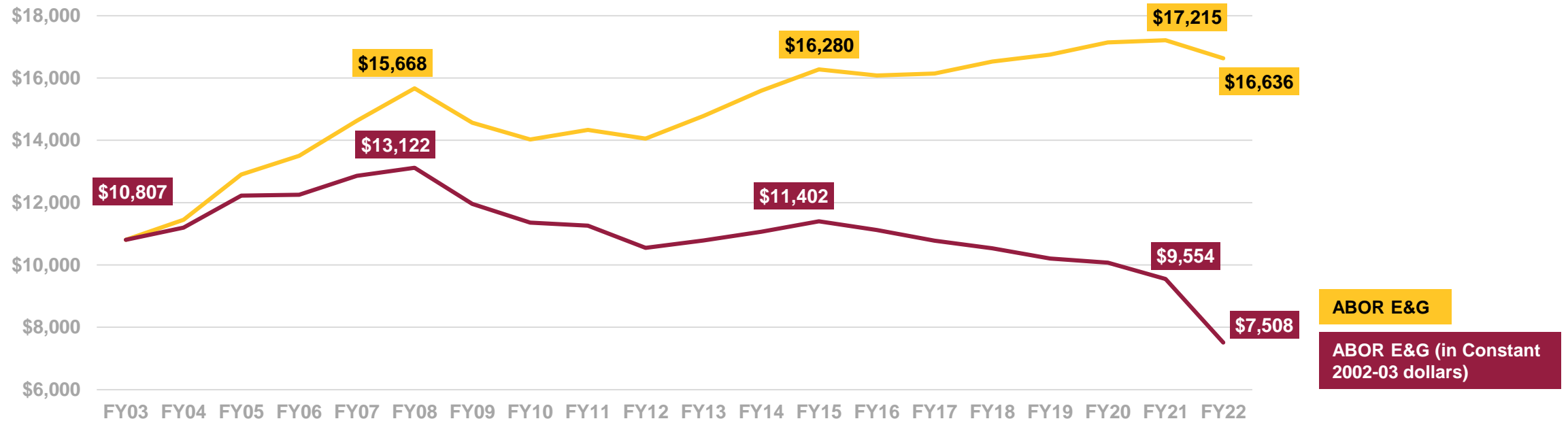
Tuition and Appropriations per Degree for Universities Sharing Key Design Elements with ASU (FY 2021)





# Maintaining current cost levels will require discipline, technology, and scale

Education and General (E&G) Expense Net of Scholarship Allowance (FY 2003 to FY 2022)



# What is next?

**What is next?**

**Whatever is needed.**

**What is next?**

**Whatever is needed.**

**How about a healthier Arizona?**

# **ASU Health**

## **A Learning Health Ecosystem**





[president@asu.edu](mailto:president@asu.edu)