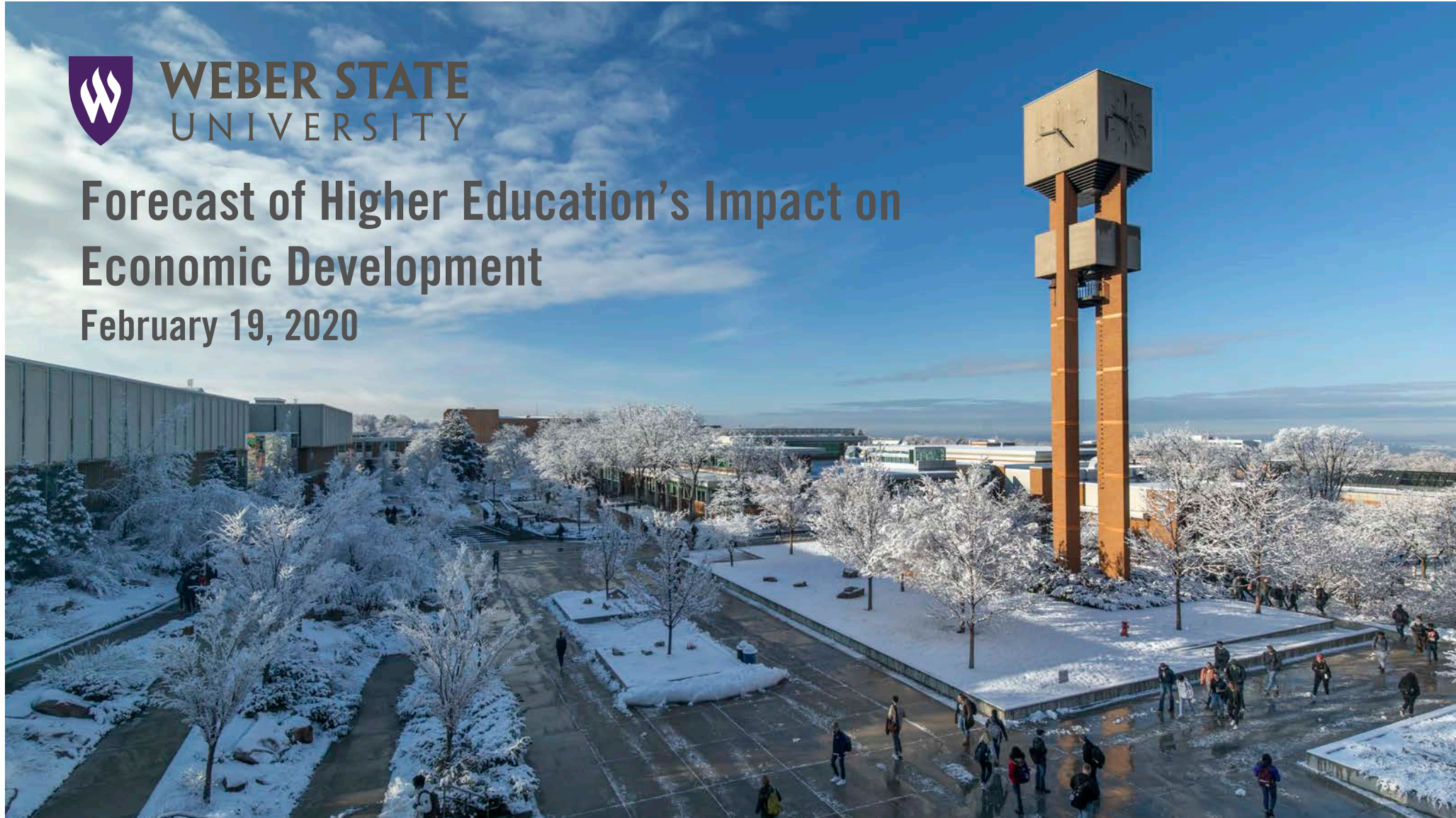




**WEBER STATE**  
UNIVERSITY

# Forecast of Higher Education's Impact on Economic Development

February 19, 2020





3

# 74%

agree that a  
skills gap persists  
in the U.S.

Source: U.S. Chamber of Commerce Foundation, *Hiring in the Modern Talent Marketplace* (2020)

## 74%

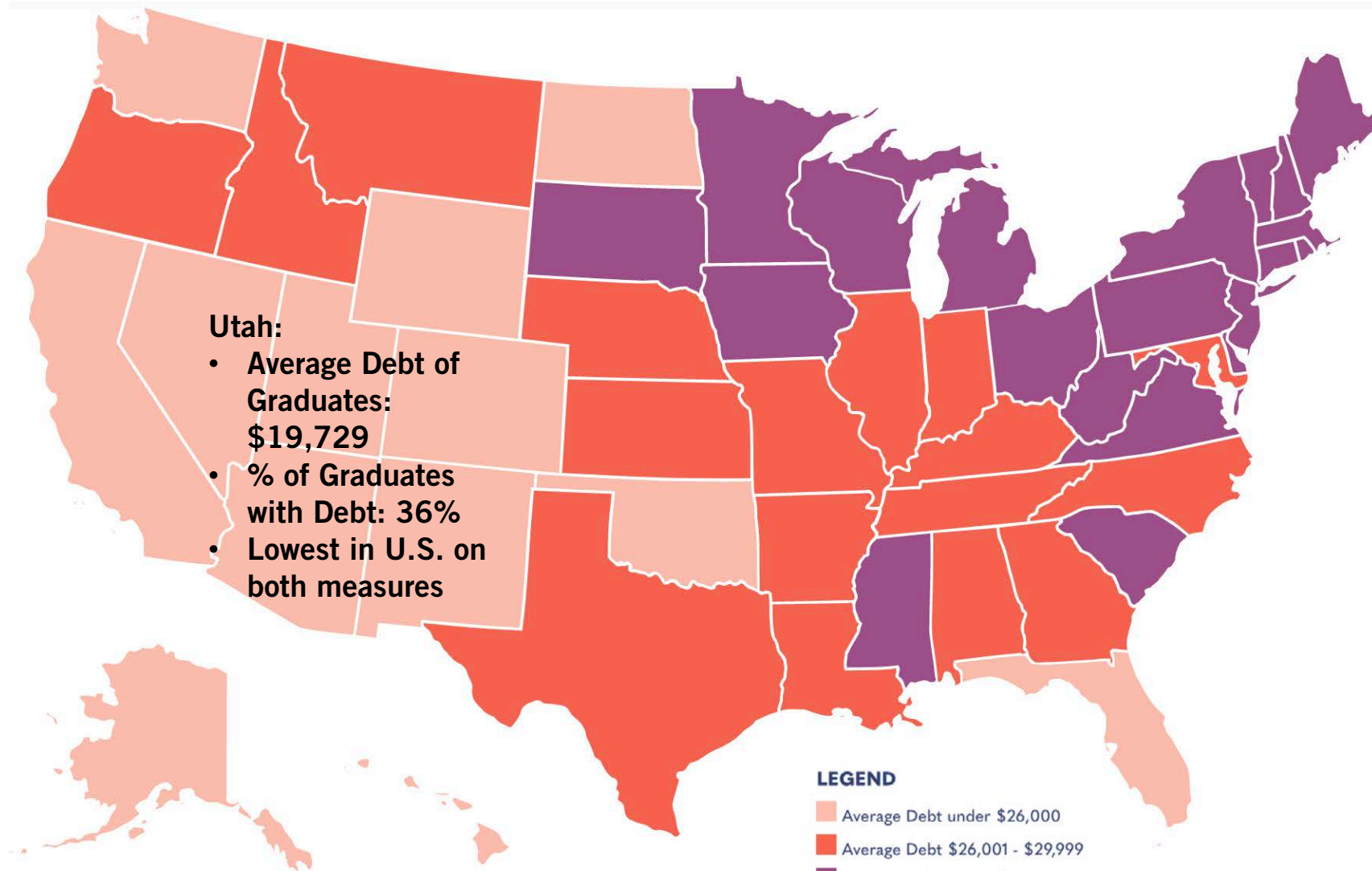
report that their  
company requires  
the submission of a  
credential in their  
hiring practices.

## Only 26%

say the credential is  
analyzed and put into  
a holistic view of the  
candidate.

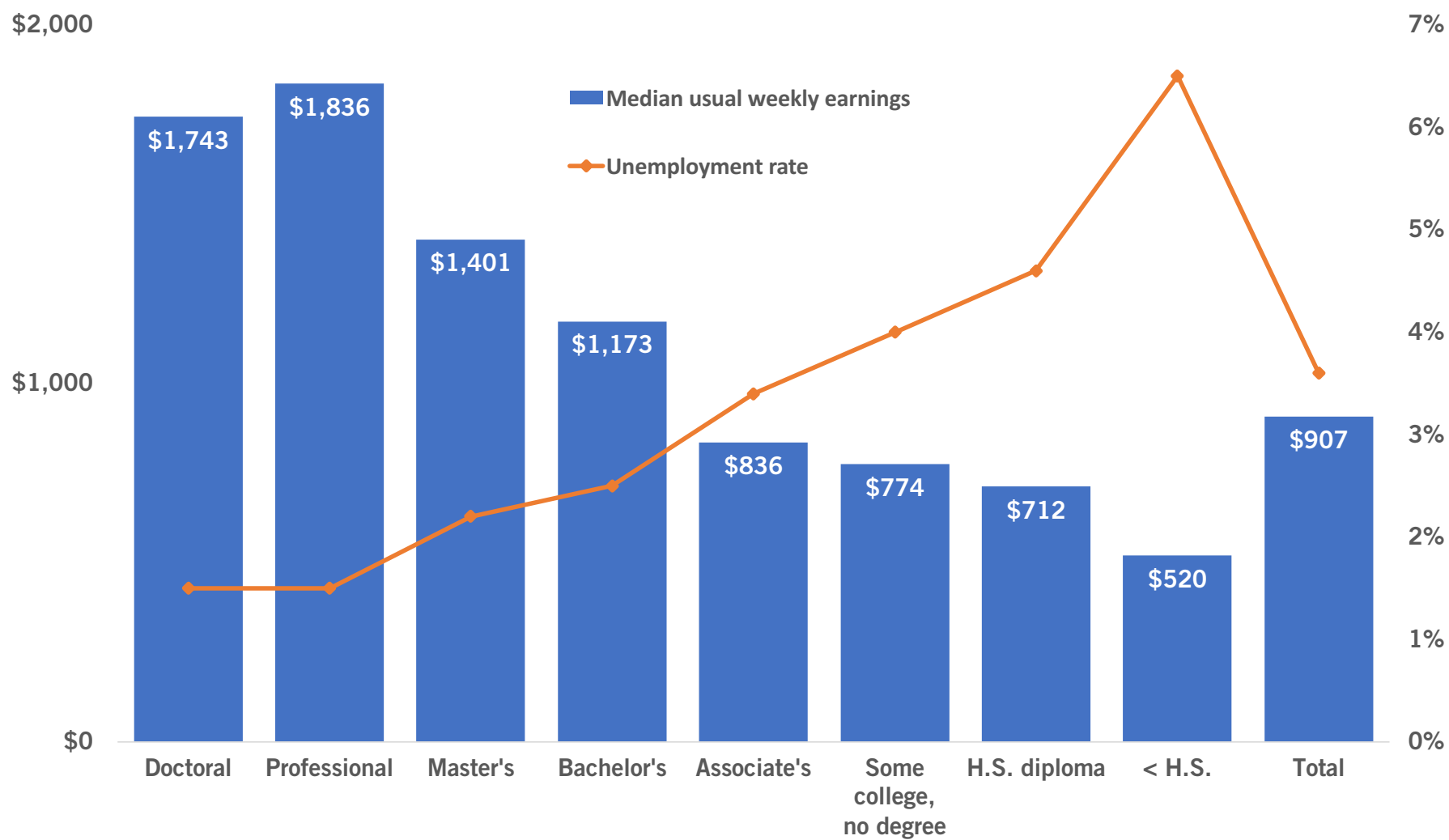


# Student Debt and the Class of 2018



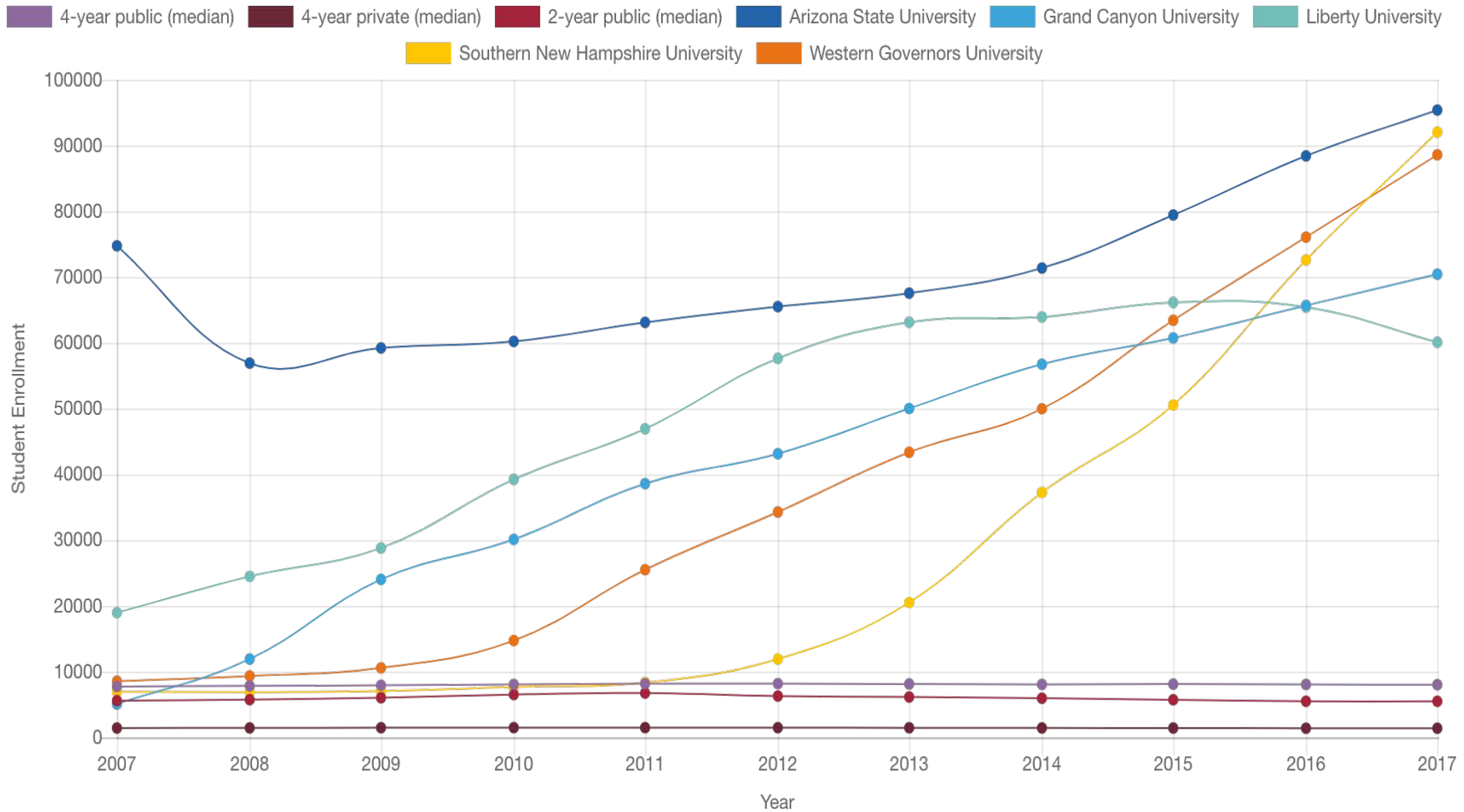
Source: The Institute for College Access & Success ([ticas.org](http://ticas.org))

# Measuring the Value of Education (2018)



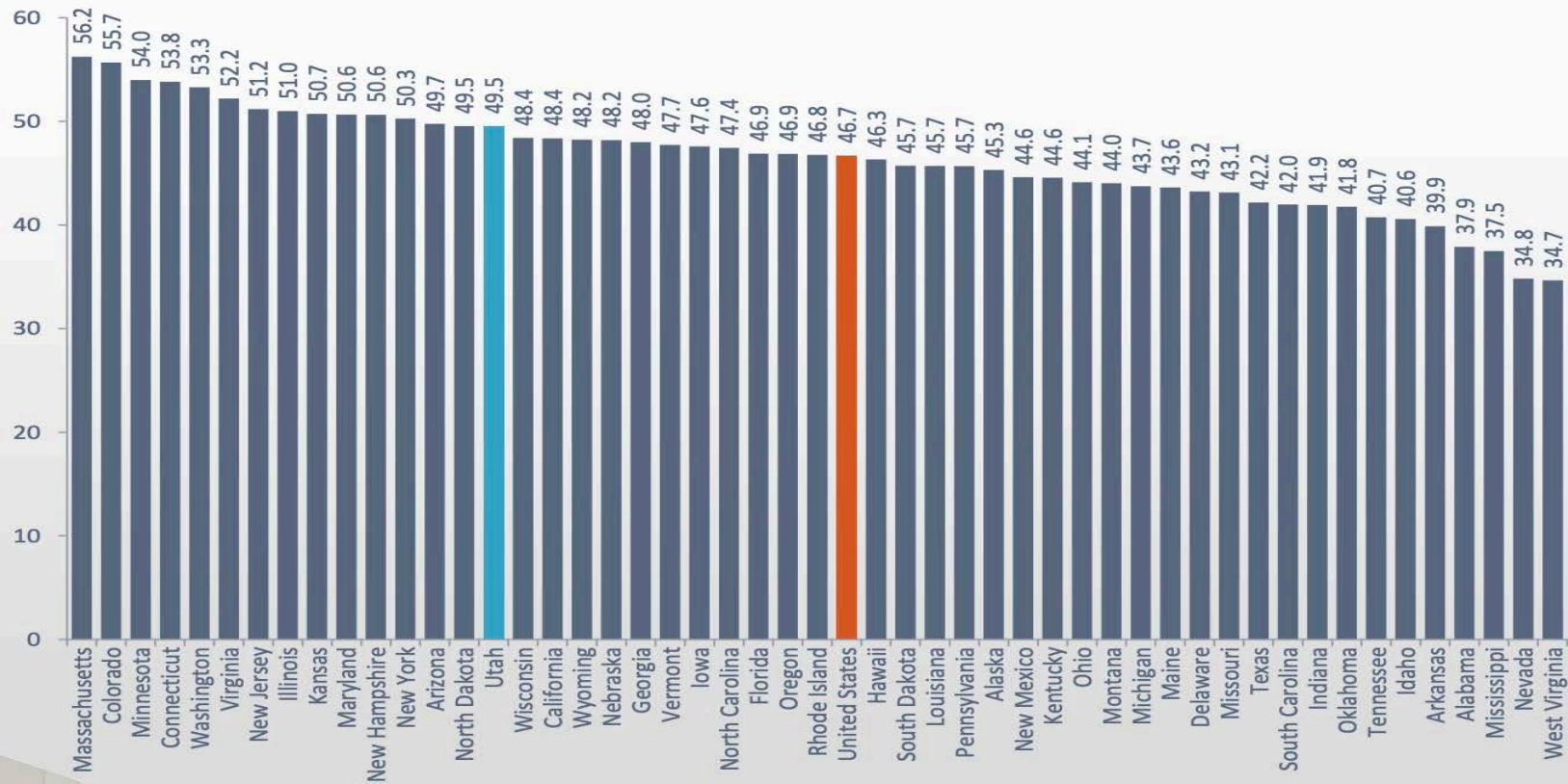
Source: U.S. Bureau of Labor Statistics

# Rise of the Mega-University



Source: Chronicle of Higher Education

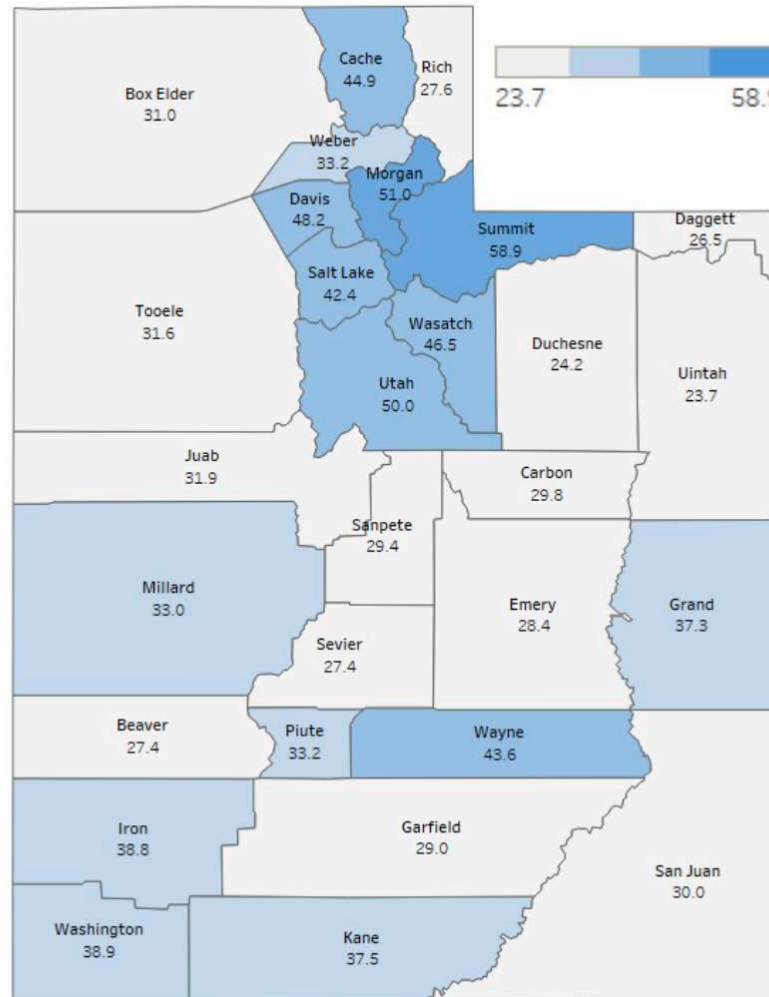
## Percent of Residents Ages 25-64 With A High-Quality Certificate or Higher



Certificate-holder data is the best available estimate based on Georgetown CEW updated calculations using SIPP 2008 Wave 12 data (2012) and IPEDS (2014). Found in Stronger Nation 2016 report; Data for percent of residents with an associates and higher from U.S. Census Bureau, 2016 American Community Survey; Table B15001

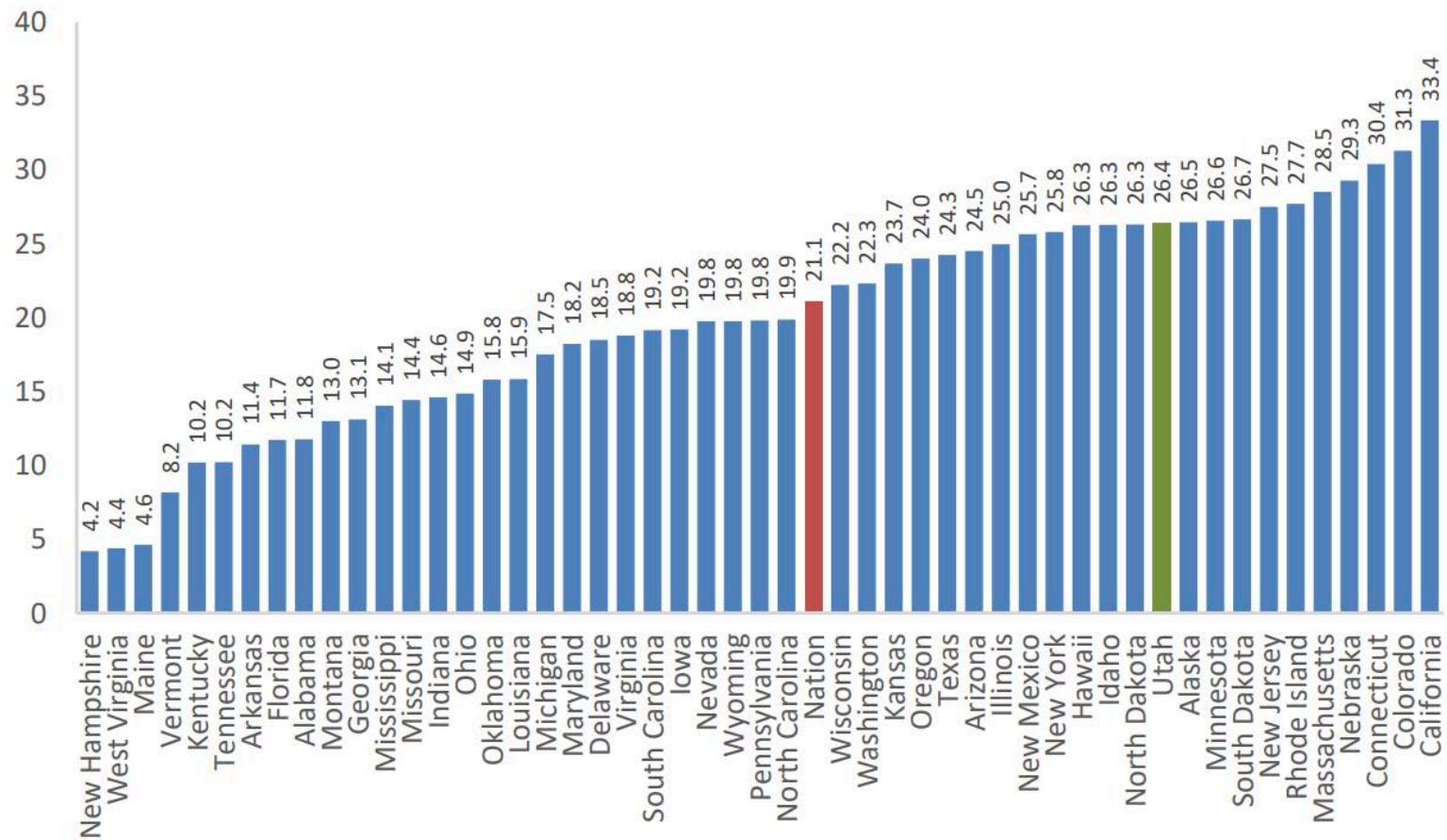


**Figure 3. Percent of Adults Aged 25-64 with an Associate's Degree or Higher, by County (2012-2016)**



Source: U.S. Census Bureau, American Community Survey (ACS)

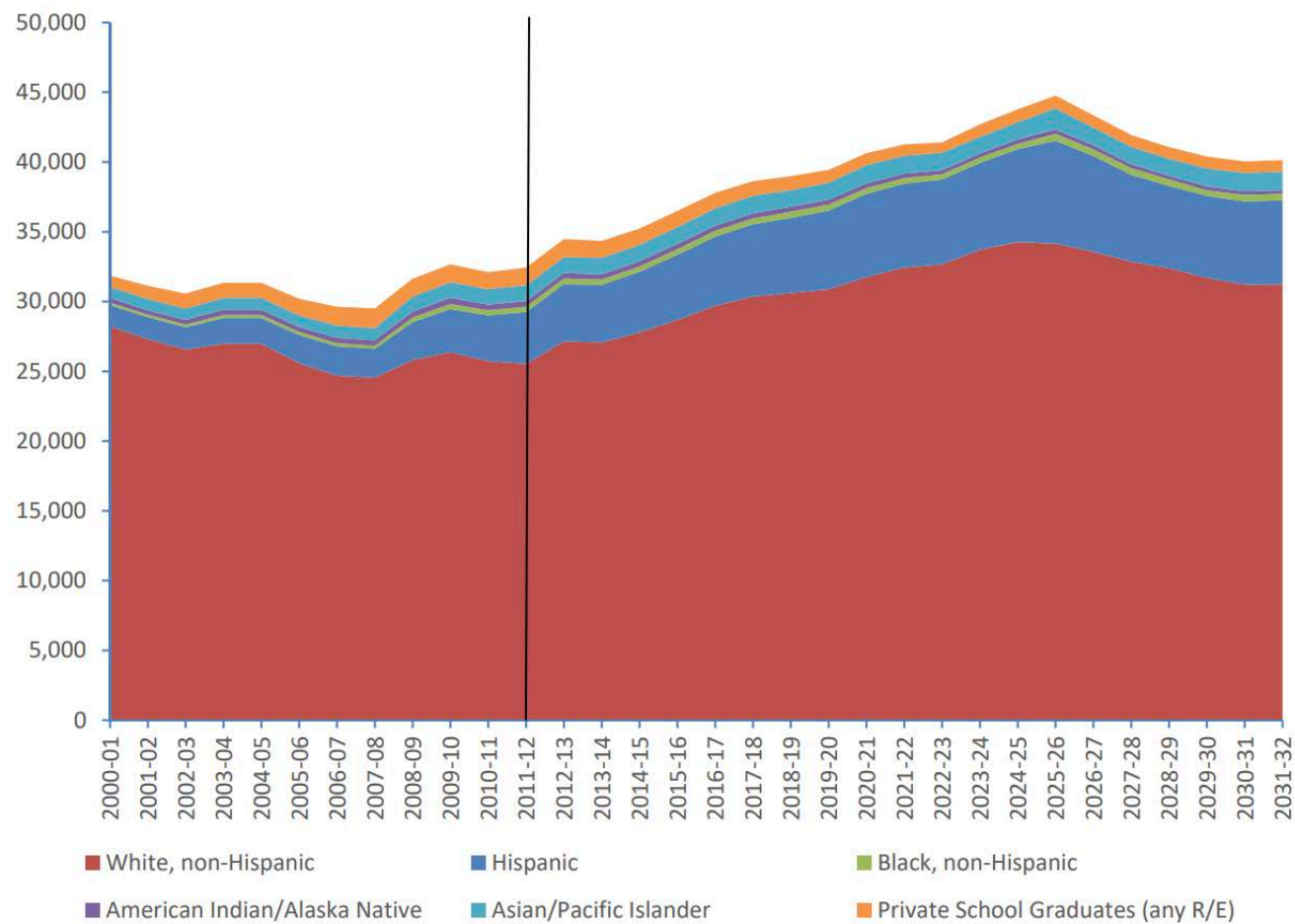
**Figure 4. Difference in College Attainment Between Whites & Underrepresented Minorities, 2016**



Source: U.S. Census Bureau, 2016 American Community Survey One-Year Public Use Microdata Sample.

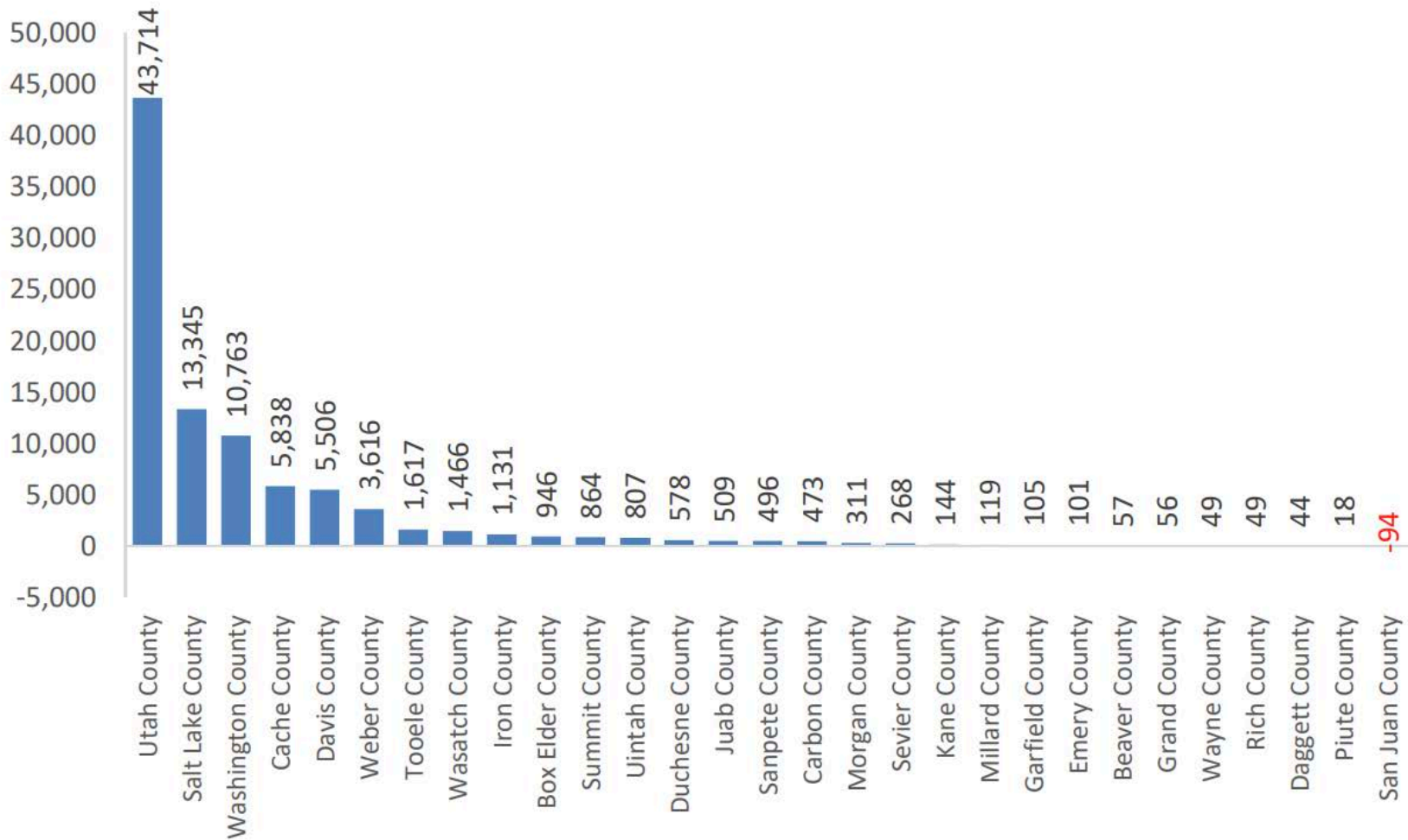


**Figure 6. High School Graduates by Race/Ethnicity in Utah, Actual (2001-2011) and Projected (2012-2032)**



Source: WICHE, *Knocking at the College Door*

**Figure 8. Difference in Projected Population Aged 19-24 by Utah County, 2020-2050**



Source: Kem C. Gardner Policy Institute 2015-2065 State and County Projections



**Utah's "Most Affordable College with the Best Outcomes."**

*-- 24/7 Wall St.*





## STUDENT SUCCESS

*means that*  
**EVERY STUDENT**  
*has opportunities*  
**TO THRIVE.**

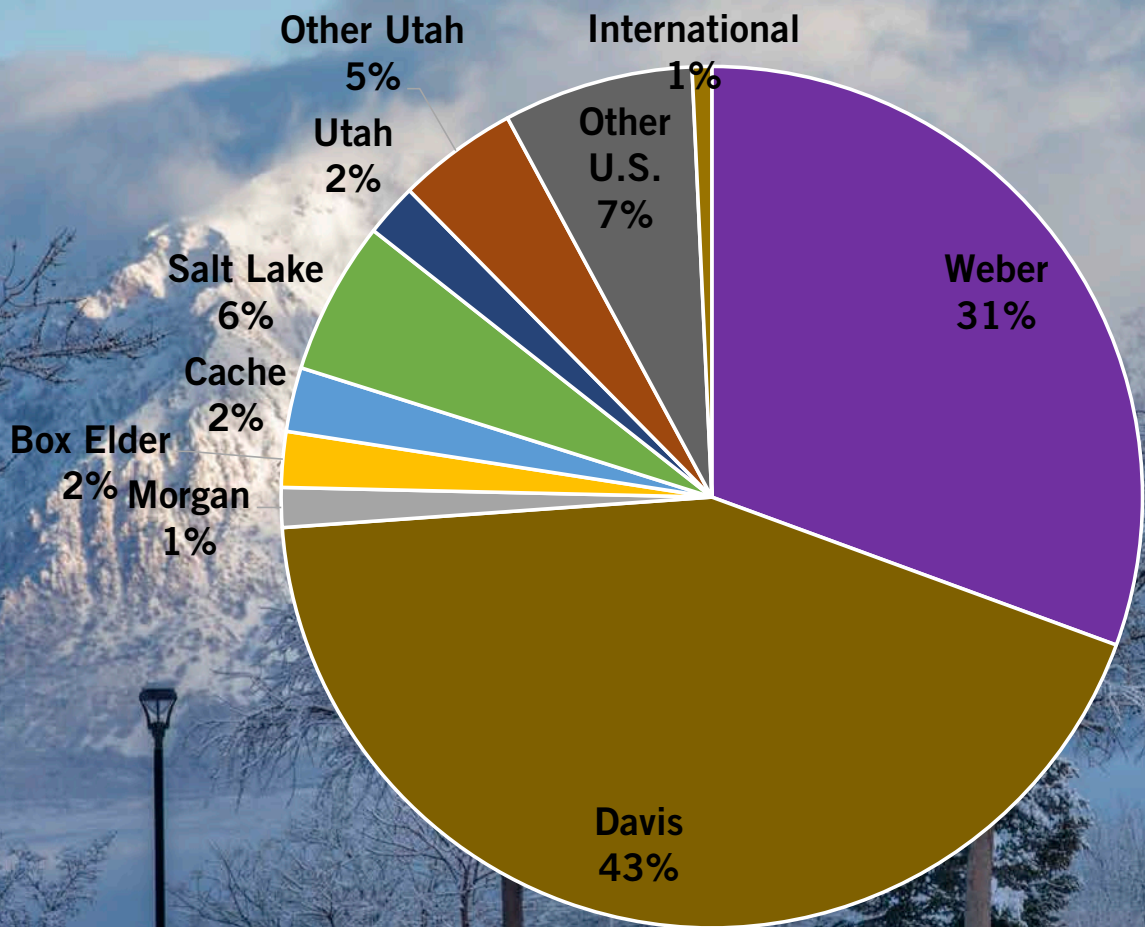
*Our goal is to*  
CREATE A SUPPORTIVE  
**ENVIRONMENT**  
*where faculty and staff*

**CONNECT WITH,**  
**CHALLENGE**  
**AND TEACH**  
*students,*

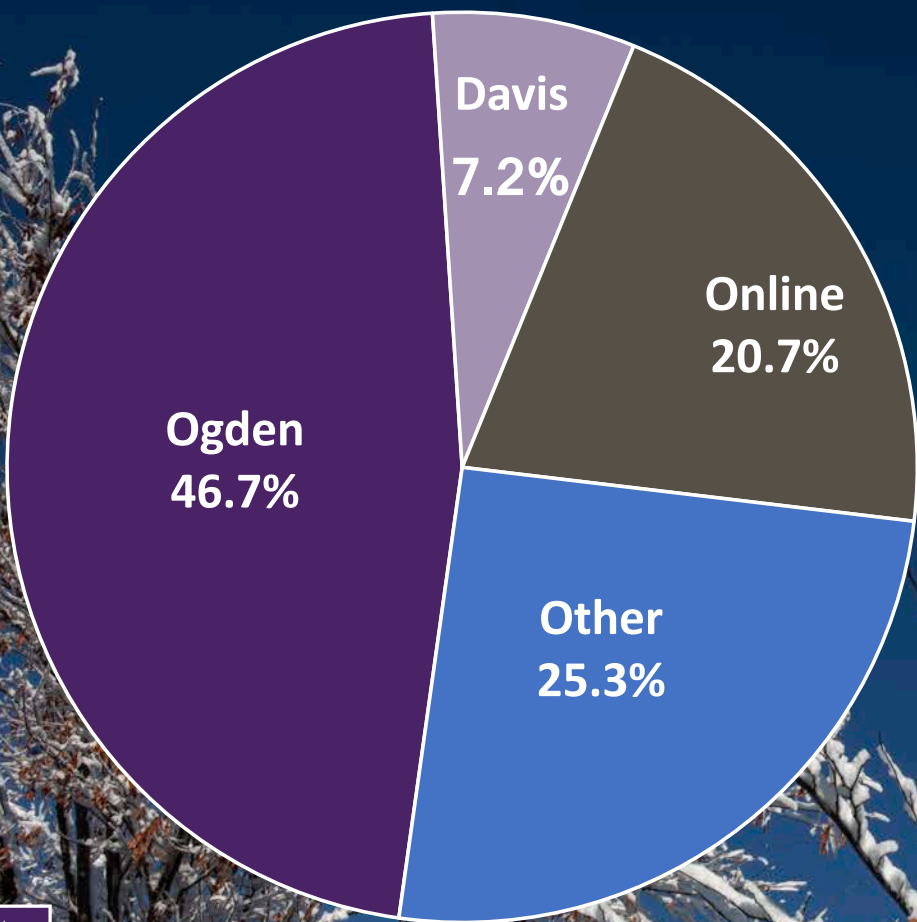
*helping them fully*  
**REALIZE THEIR**  
**POTENTIAL TO LEAD**  
**MEANINGFUL LIVES.**



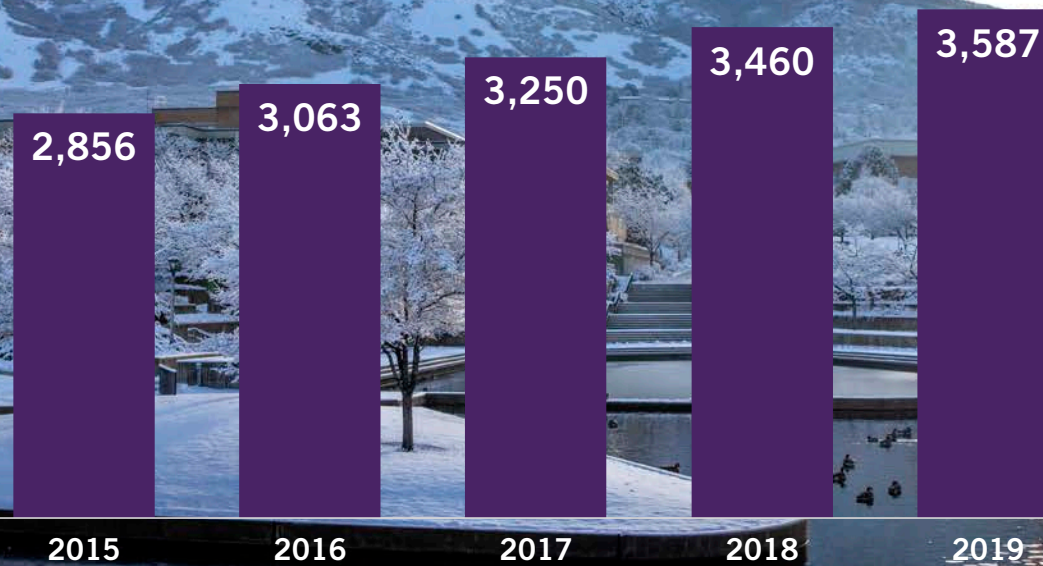
# Fall 2019 Enrollment by County



# Fall '19 Credit Hours by Location







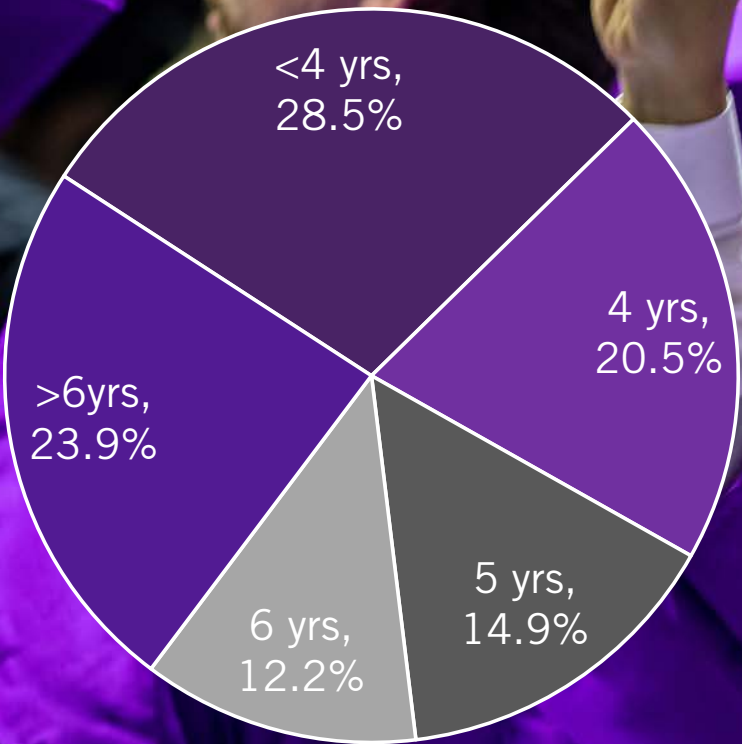
**Fall Online Budget-related FTE**

# Fall Concurrent Enrollment Headcount





# Years to Graduation



All Other WSU  
Students

41.1%

Dream Weber

71.0%

0% 10% 20% 30% 40% 50% 60% 70% 80%



Dream Weber Completion





WEBER STATE UNIVERSITY



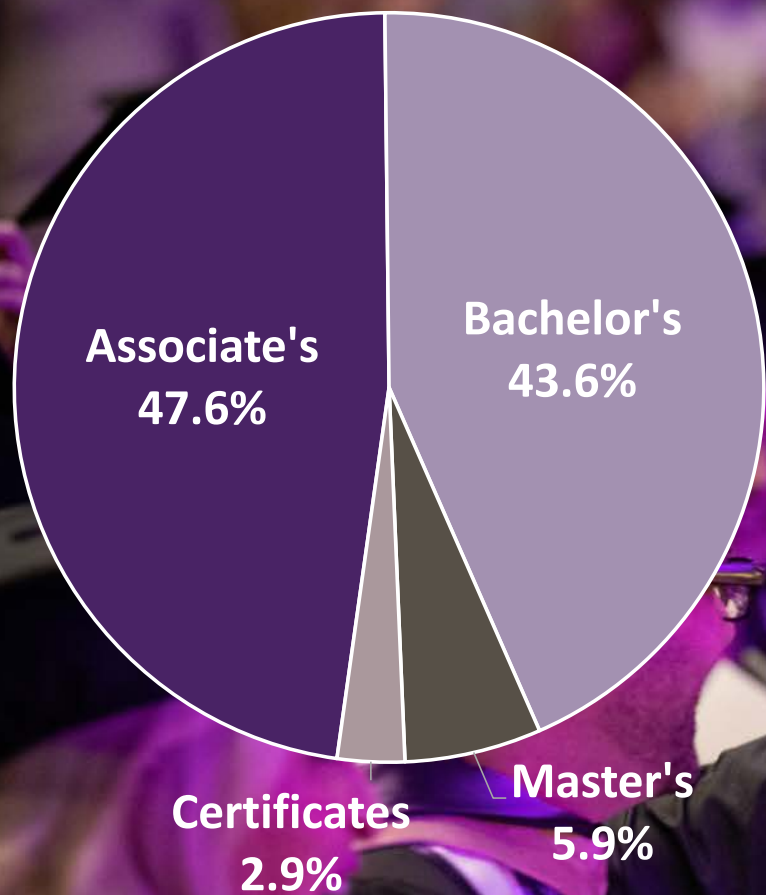
# 'CATAPULT

SCHOLARSHIP FUND



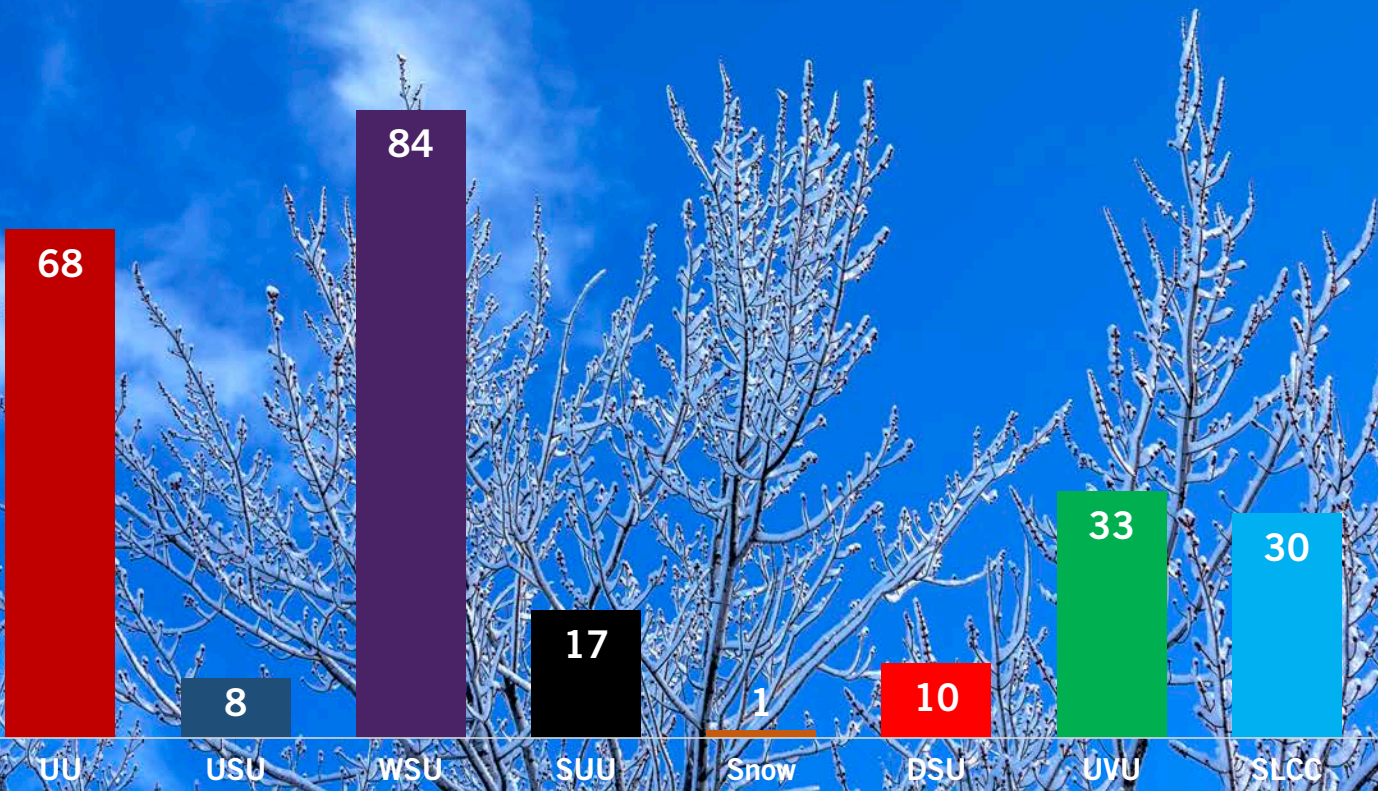


# 2018-19 Degrees by Type





# Computer Science & Engineering Graduates Growth 2018 to 2019





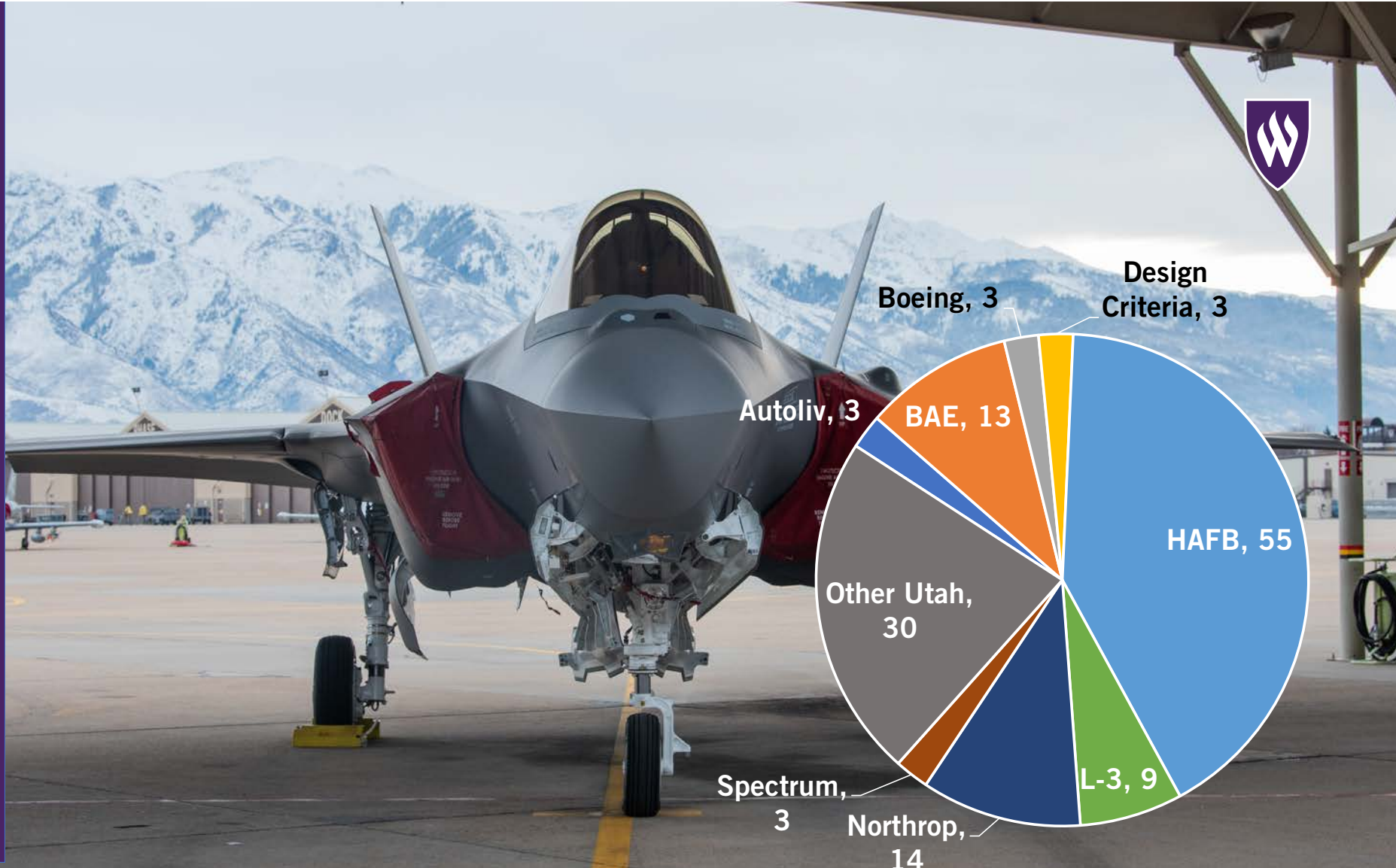
# Utah Computing Apprenticeship Collaborative



- \$2 million Dept of Labor grant
- 800 apprenticeships
- Industry Partners to date:
  - Ivanti
  - O.C. Tanner
  - WCF Insurance
  - Franklin Covey
- 275 in pipeline statewide

# Utah Employers of 133 EE grads

(out of 143 total grads)







## Economy Leading Jobs for Ogden-Clearfield MSA

Electronics Engineers, Except Computer	Software Developers, Systems Software	First-Line Supervisors of Construction Trades and Extraction Workers	Accountants and Auditors	Chief Executives
Industrial Engineers	Computer Occupations, All Other	Painters, Construction and Maintenance	Loan Officers	Industrial Production Managers
Materials Engineers	Computer and Information Research Scientists	Maintenance and Repair Workers, General	Financial Specialists, All Other	Construction Managers
Civil Engineers	Computer Programmers	First-Line Supervisors of Production and Operating Workers	Sales Representatives, Wholesale and Manufacturing	Sales Managers
Aerospace Engineers	Computer User Support Specialists	Machinists	Real Estate Sales Agents	General and Operations Managers
Mechanical Engineers	Computer Network Support Specialists	Plumbers, Pipefitters, and Steamfitters	Business Operations Specialists, All Other	Architectural and Engineering Managers
Engineers, All Other		Welders, Cutters, Solderers, and Brazers	Logisticians	Financial Managers
Electrical and Electronics Engineering Technicians		Automotive Service Technicians and Mechanics	Production, Planning, and Expediting Clerks	Transportation, Storage, and Distribution Managers
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors		Mechanical Drafters		

# Northern Utah Regional Workforce Development



## Burning Glass Top Job Skills

- Communication
- Planning
- Teamwork
- Collaboration
- Writing
- Microsoft Word
- Microsoft Excel
- Organization Skills
- Research
- Written Communication
- Detail-Oriented
- Critical Thinking
- Troubleshooting
- Time Management
- Multi-Tasking
- Leadership

Ogden-Clearfield MSA: May 2018/June 2019





## Digital Fluency Initiative



# 91 Articulation Agreements

AAS Automotive Heavy Duty Truck –Diesel  
AAS Automotive Service Technician (ATEP)  
AAS Building Design & Construction Pre-Arch.  
AAS Building Design, Construction, & Arch. (2-yr)  
AAS Computer Science  
AAS Construction Management Technology  
AAS Controls Technology  
AS Criminal Justice  
AAS Design Engineering Technology  
AAS Early Childhood Major  
AAS Electronics Engineering Technology  
AAS General Technology  
AS Health Sciences  
AAS Interior Design  
AAS Manufacturing Engineering Technology  
AAS Manuf. Engin. Technology - CNC Machining  
AAS Manuf. Engin. Technology – Welding  
AAS Mechanical Engineering Technology  
AAS Medical Laboratory Science  
AAS Network Management Technology  
AAS Nursing  
AAS Paramedic Studies  
AAS Product Design & Development  
AAS Sales & Merchandising  
AAS Apprenticeship – Electrician  
AAS Apprenticeship – Plumbing  
AAS Web UX

Ogden-Weber Tech: 11  
Ogden District: 15  
Weber District: 17  
NUAMES: 3  
Davis Tech: 18

Davis District: 15  
Morgan District: 9  
Bridgerland Tech: 2  
Uintah Basin Tech: 1

