

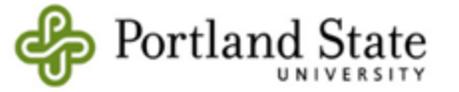


Oregon Public Universities 2023 Budget Presentation

- Building the Future of Oregon -


\$1.05 B

SUPPLEMENTAL



What Do Public Universities Do for Oregon's Communities?

Conduct
Important
Research &
Development

Create
Local
Jobs

Grow Tax
Revenues

Fill
Critical
Workforce
Shortages

Modernize
& Diversify
Oregon's
Educated
Workforce

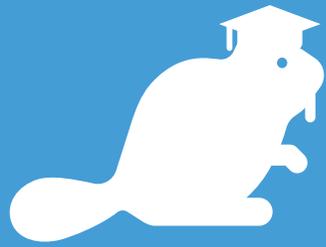
Improve
Public
Health

Increase
Civic
Engagement

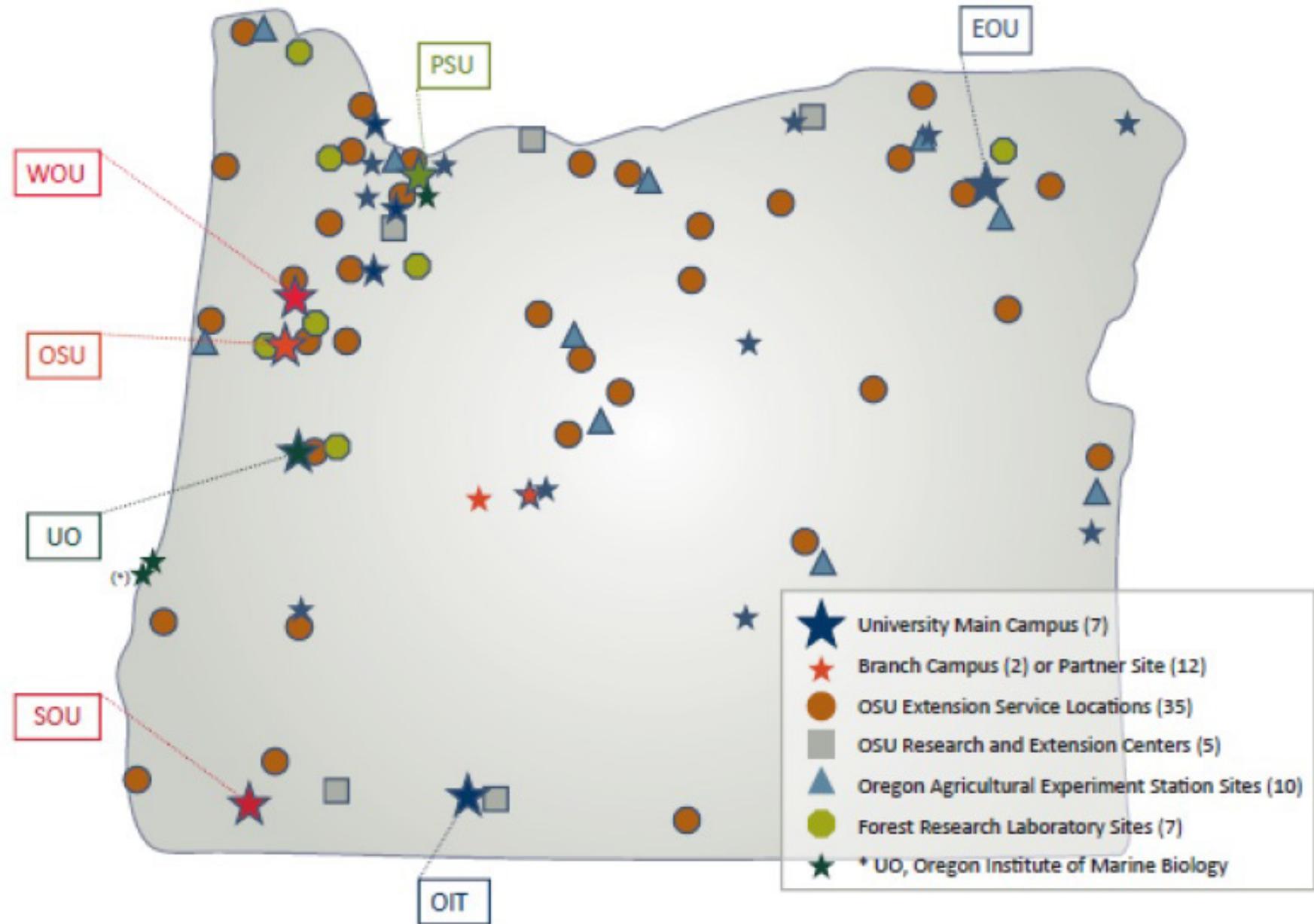
Improve
Social
Mobility



\$1.05 B



Public Universities Are Present in Communities All Across Oregon



Research



A woman and a man are looking at a large digital display showing a human anatomy diagram. The woman is on the right, wearing a grey jacket, and the man is on the left, wearing a dark suit. The display shows a detailed anatomical drawing of a human torso with various organs and structures highlighted in pink and purple. The background is a blurred office or classroom setting with a whiteboard and colorful balls on a shelf.

**Informed
Public Policy
Decisions**

**Industry
Innovations,
Economic Growth**

Research

**Improved Health
& Safety, Quality
of Life**

**Workforce
Education &
Training**



Oregon's public universities conduct high-quality research that **benefits Oregon's students and its economy** by:

Developing a 21st Century Workforce

Making New Discoveries

Introducing New Technologies

Increasing Employment in Communities

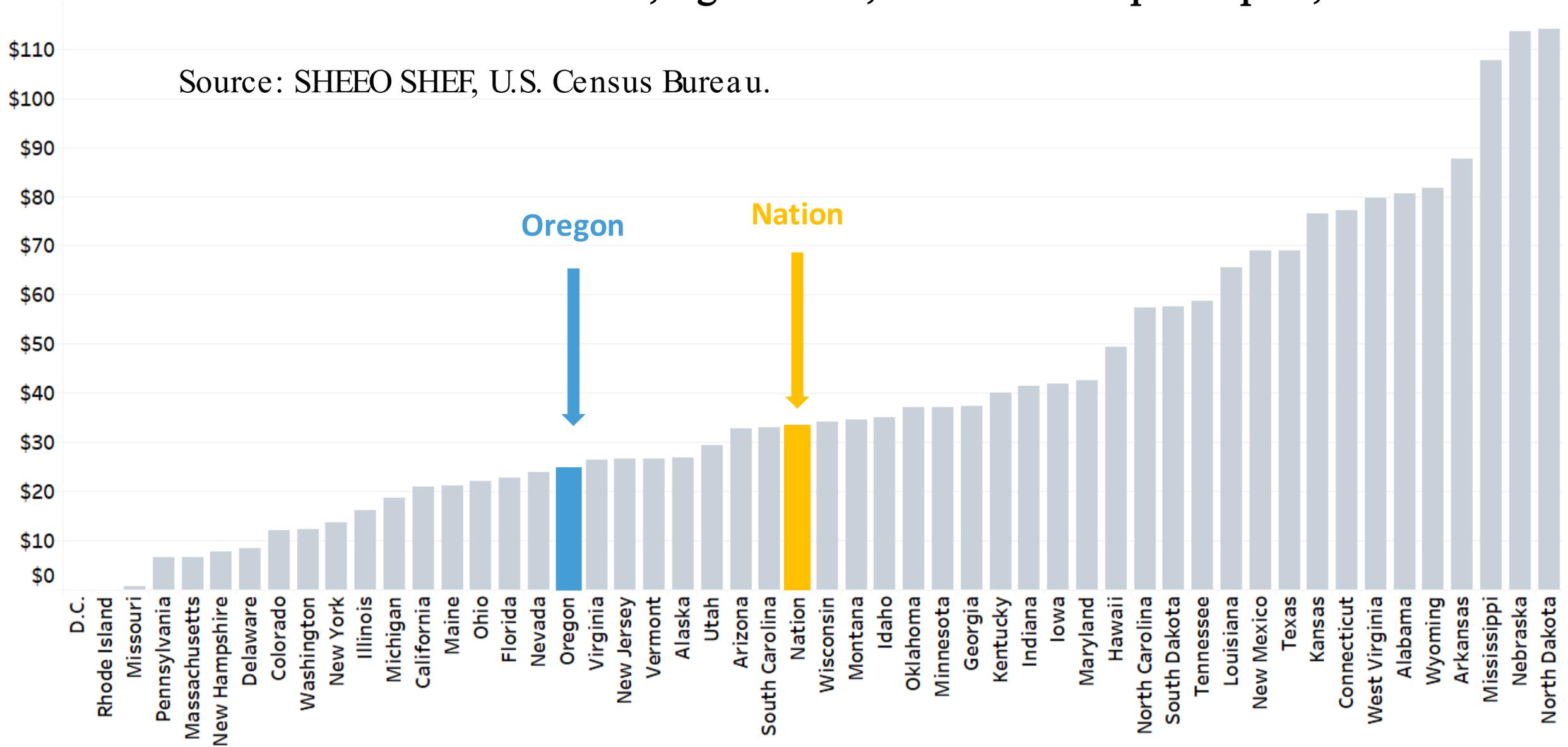
Attracting Global Talent that Adds to the State Tax Base

Creating Business Opportunities & Supporting New Companies

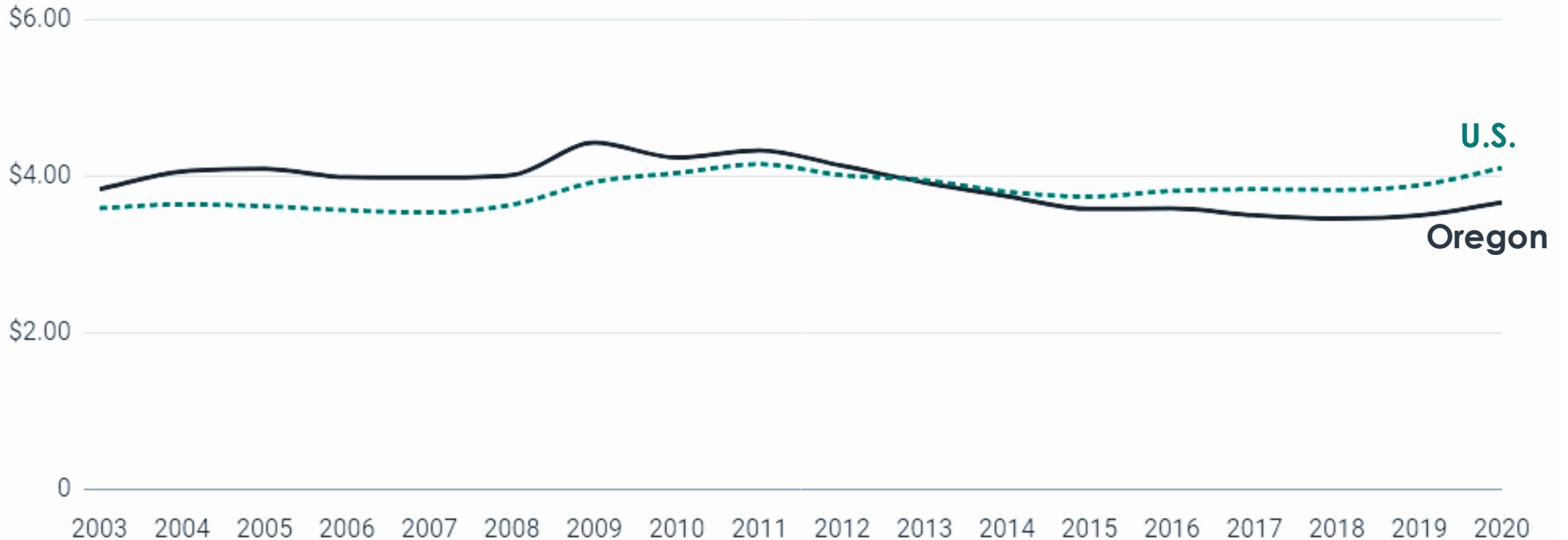
Building New Infrastructure & Creating Construction Jobs

State Investments in Research, Agriculture, and Medicine per capita, FY2021

Source: SHEEO SHEF, U.S. Census Bureau.



Academic R&D per \$1,000 of GDP



Source: National Science Board. "Academic R&D per \$1,000 of Gross Domestic Product." Science and Engineering Indicators: State Indicators. Alexandria, VA: National Science Foundation. <https://nces.nsf.gov/indicators/states/indicator/academic-rd-per-1000-state-gdp>. Accessed on April 4, 2023.



University Innovation Research Fund

– UIRF –

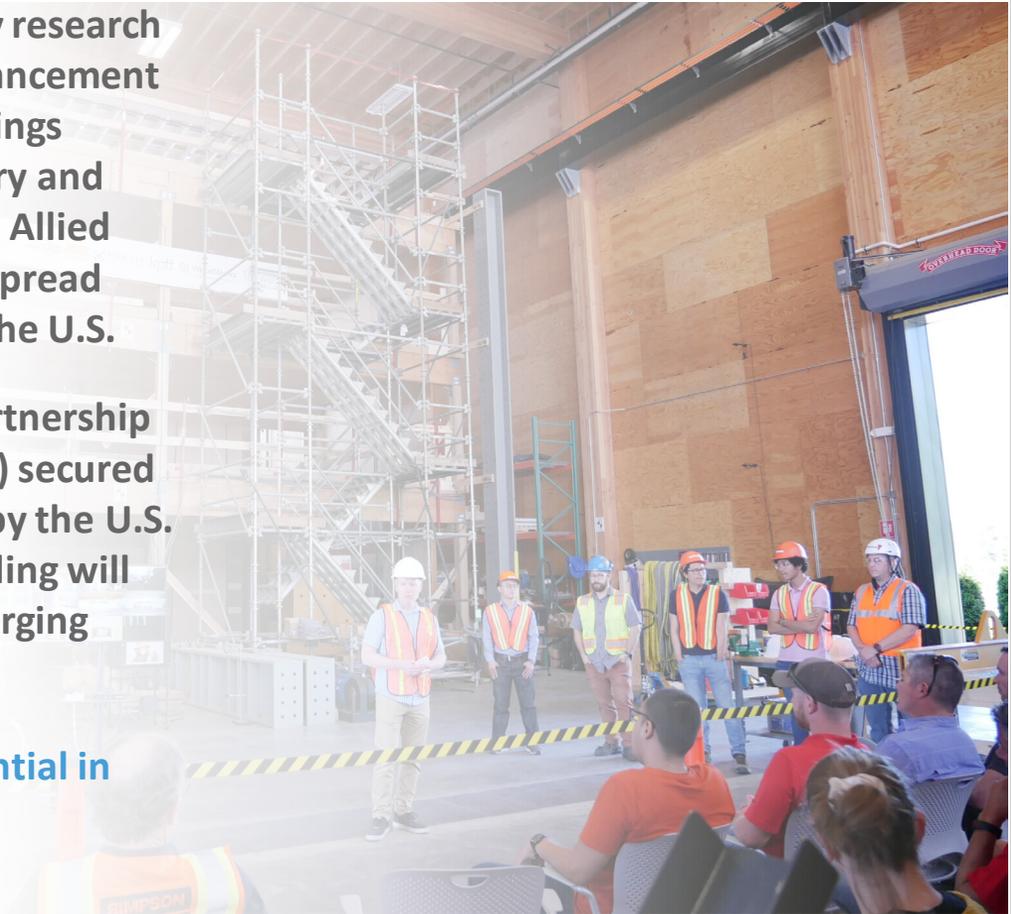
The UIRF makes Oregon's public universities **more competitive for federal research grants** aimed at economic development and innovation by providing matching funds.

TallWood Design Institute

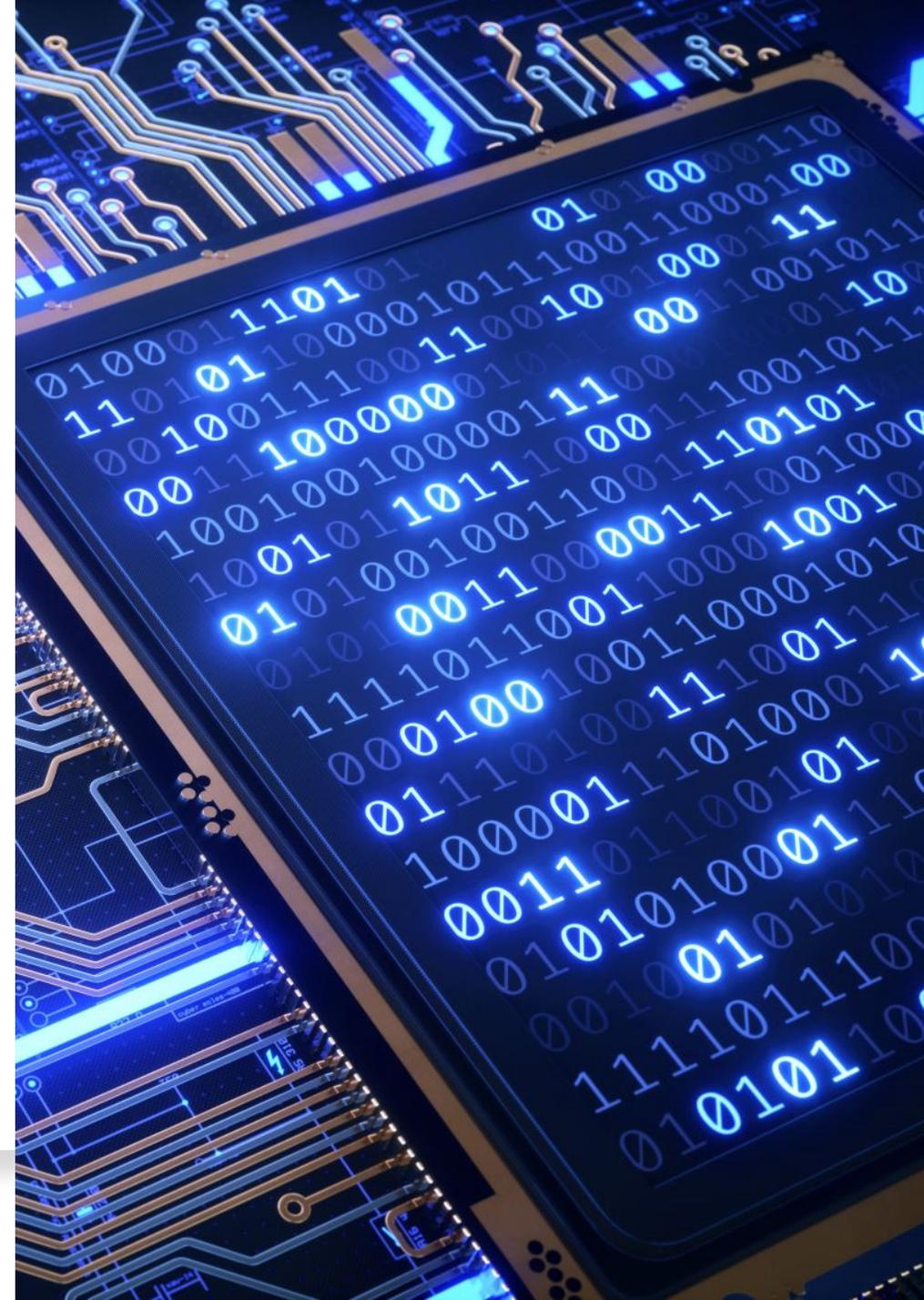
The TallWood Design Institute is the nation's only research collaborative that focuses exclusively on the advancement of structural wood products. This partnership brings together the strength of OSU's Colleges of Forestry and Engineering and UO's School of Architecture and Allied Arts and conducts the research needed for widespread adoption of mass timber building technology in the U.S.

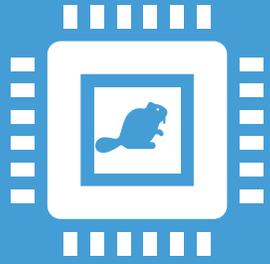
In 2022, the Oregon Mass Timber Coalition (a partnership between TDI, Port of Portland and state agencies) secured a \$41.4 million Build Back Better grant awarded by the U.S. Economic Development Administration. The funding will assist in developing and expanding Oregon's emerging mass timber industry.

The \$5 million allocation from the UIRF was essential in securing tens of millions invested in Oregon. However, it also depleted the account.



Semiconductors

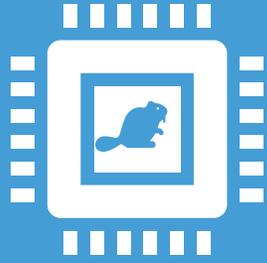




Oregon Employs **15%** of the Nation's Semiconductor Workforce

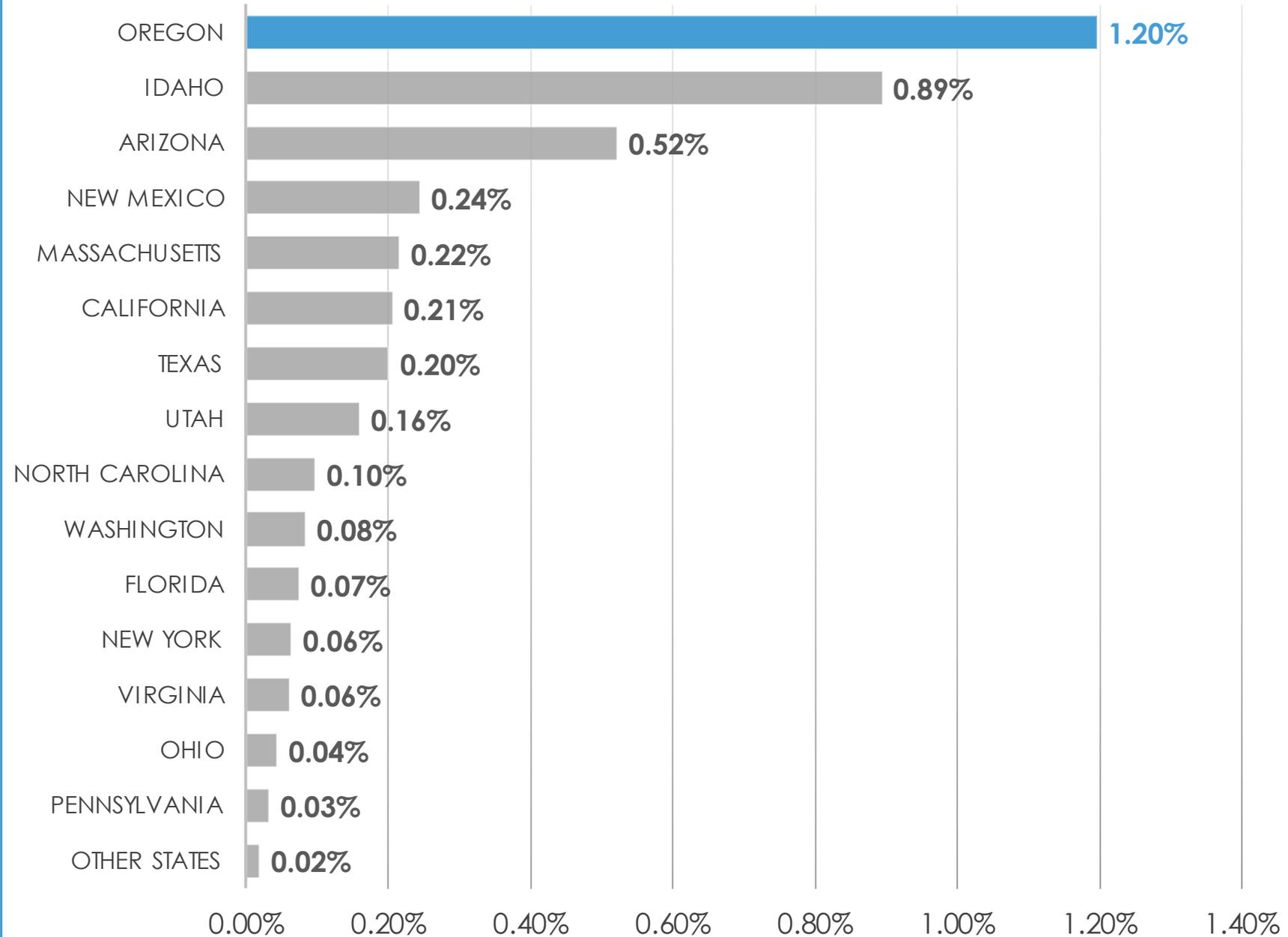
Rank	State	Semiconductor employment	Share of U.S. semiconductor employment
1	California	63,300	23%
2	Texas	43,800	16%
3	Oregon	40,300	15%
4	Arizona	28,900	10%
5	Florida	12,900	5%
6	Idaho	12,300	4%
7	Massachusetts	12,200	4%
8	New York	10,200	4%
9	North Carolina	7,900	3%
10	Washington	5,000	2%
11	Virginia	4,100	1%
12	Ohio	4,000	1%
13	New Mexico	4,000	1%
14	Utah	3,700	1%
15	Pennsylvania	3,300	1%

Source: Oxford Economics, Chipping In: the U.S. Semiconductor Industry Workforce and How Federal Incentives Will Increase Domestic Jobs (May 2021)

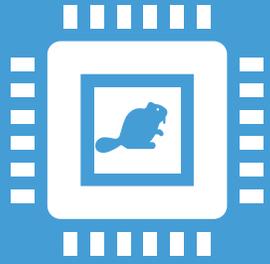


Oregon Leads the Nation in Semiconductor Employment

Semiconductor Employment Share of Adult (18+) Population

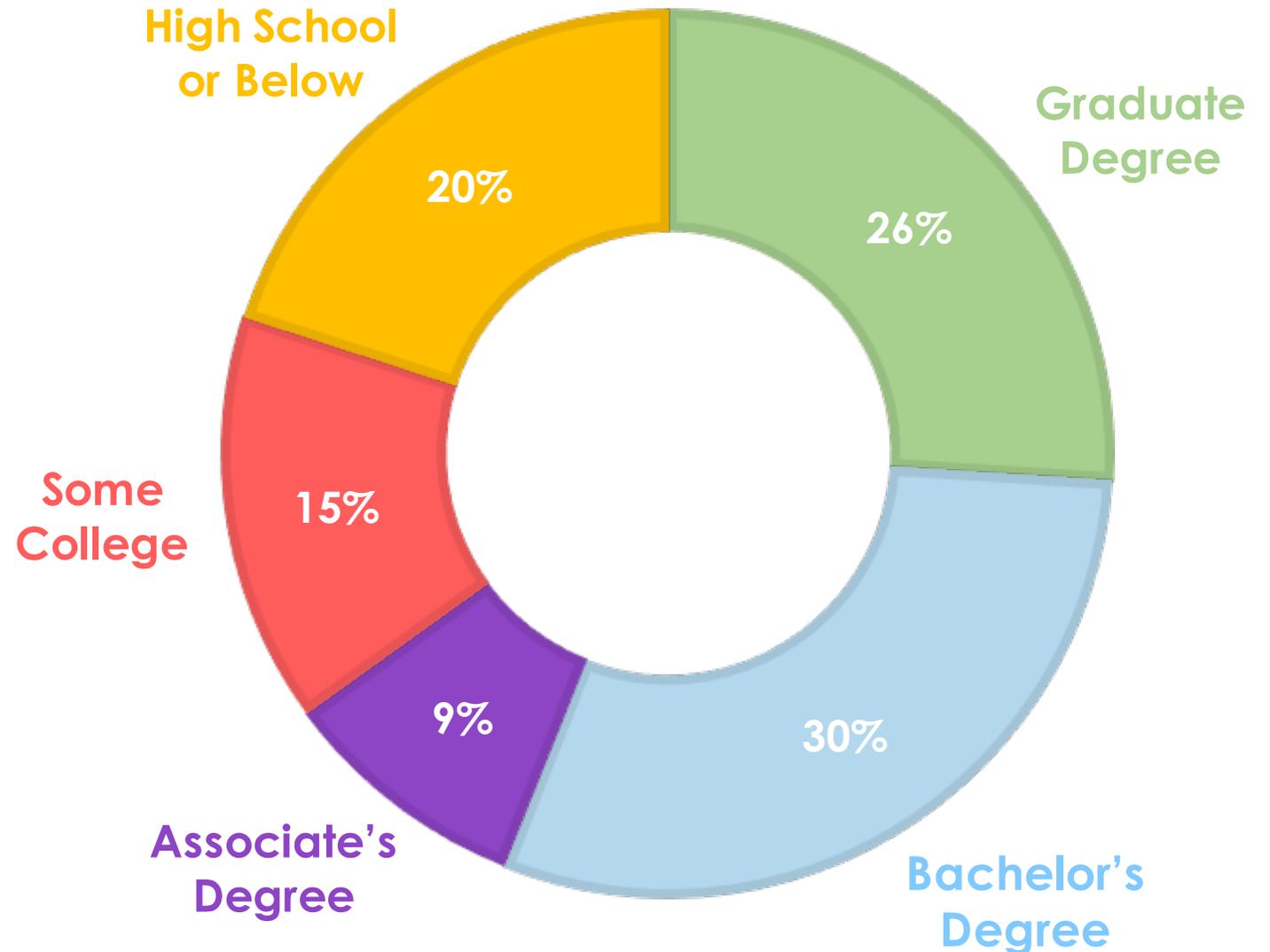


Source: Oxford Economics, Chipping In: the U.S. Semiconductor Industry Workforce and How Federal Incentives Will Increase Domestic Jobs (May 2021)



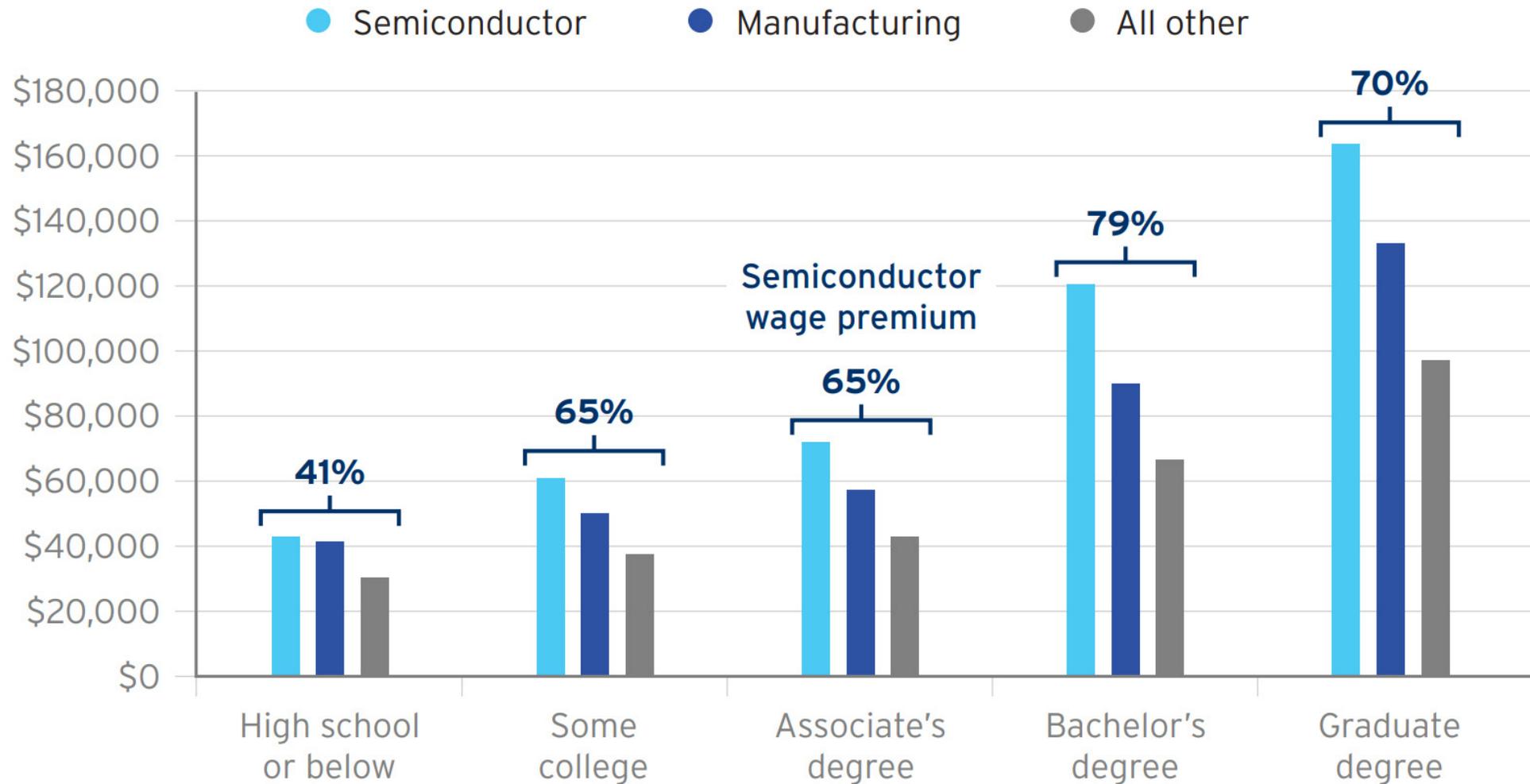
Public Universities are Critical to Building the Semiconductor Workforce

Educational Attainment in the Semiconductor Industry



Source: Oxford Economics, Chipping In: the U.S. Semiconductor Industry Workforce and How Federal Incentives Will Increase Domestic Jobs (May 2021)

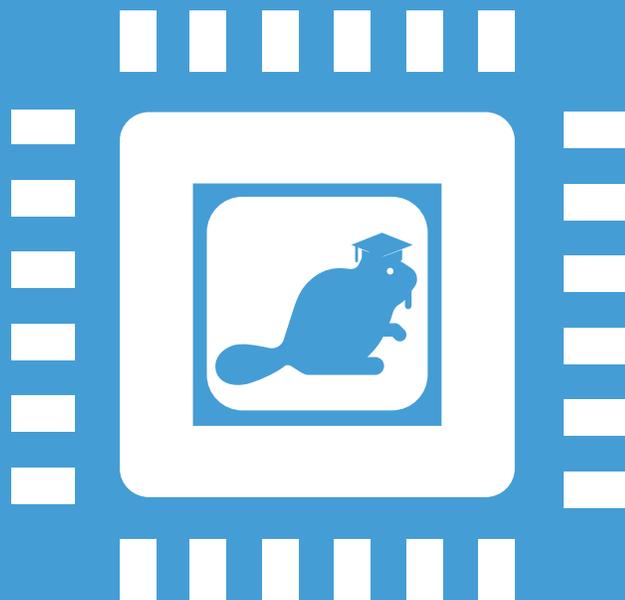
High Semiconductor Wages Benefit Oregon's Income Tax-Based Economy



With state investment,
Oregon's public
universities can

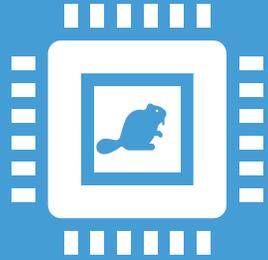
**LEAD THE NATION
IN INNOVATION**

**TRAIN THE
SEMICONDUCTOR
WORKFORCE
THE STATE NEEDS**



**LEVERAGE
FEDERAL
GRANTS**

**CONDUCT
TRANSFORMATIVE
RESEARCH**



CHIPS ACT

A \$52B National Investment

“[Oregon has] more at stake in this discussion than any other state in the nation”

- *Intel's President and CEO, Pat Gelsinger*

Building a Skilled & Diverse Workforce

(Department of Commerce Priority for Funding)

- Recruiting, training, and retaining a large, skilled, and diverse workforce will be critical to strengthening the U.S. semiconductor ecosystem.
- Companies seeking CHIPS funding will be required to submit workforce development plans for the workers who will operate their facilities and the workers who will build them, including plans to meet the Department of Commerce's and the Department of Labor's Good Jobs Principles.

OREGON SEMICONDUCTOR COMPETITIVENESS TASK FORCE REPORT

University-Industry Partnership Recommendations

- A. Capture Immediate Opportunities**
- B. Increase Capacity for Sustained Collaboration**
- C. Invest in Oregon's Public Research Universities**

Talent & Workforce Recommendations

- A. Create a Statewide Industry Consortium & Develop a PK-20 Education Continuum**
- B. Utilize Future Ready Oregon**
- C. Strengthen Interest and Access to Semiconductor Pathways**

HB 3254 creates a mechanism to implement recommendations related to workforce and research development.

Individual Benefits

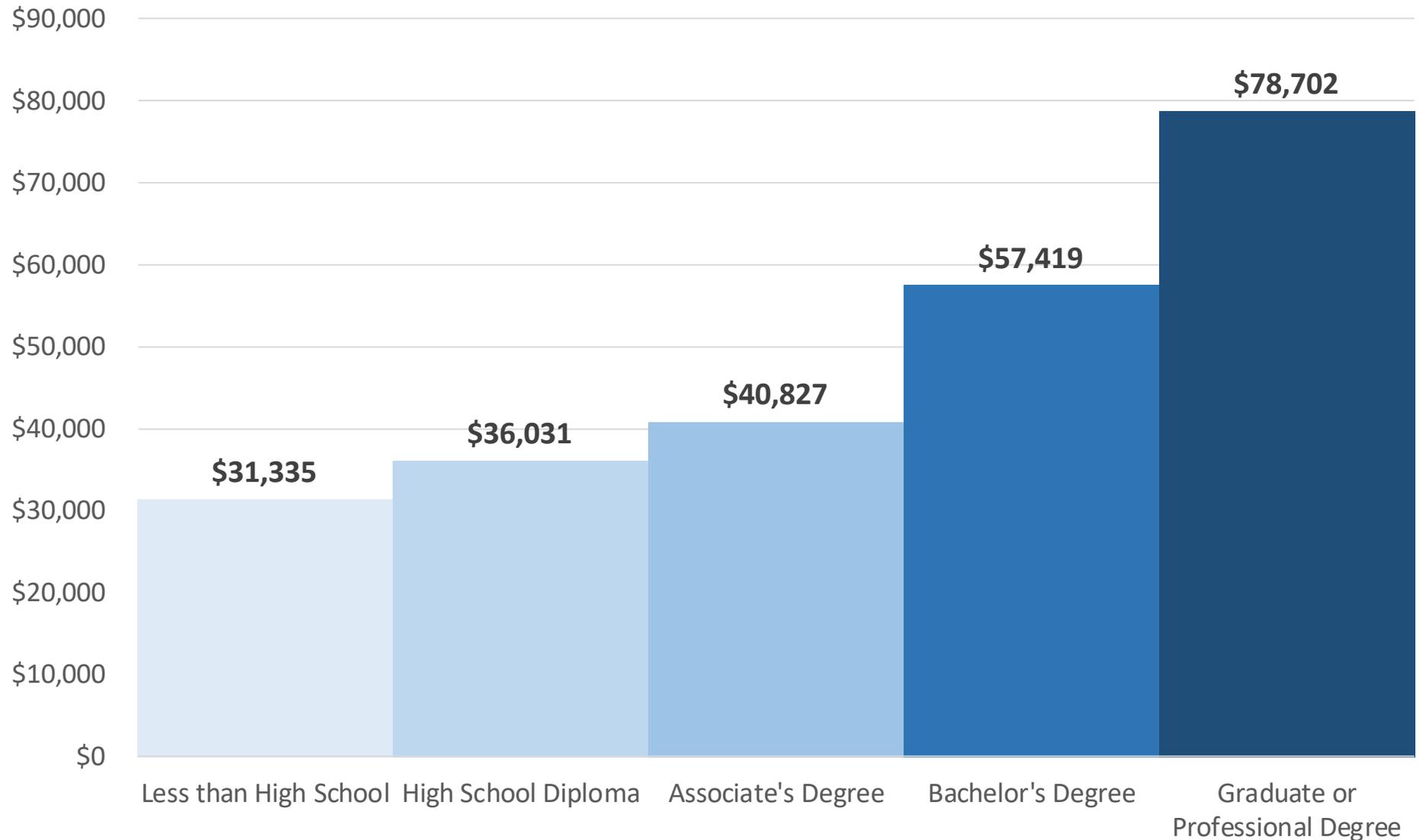




Public Universities Improve the Social Mobility of Oregonians

Source: U.S. Census Bureau, 2017-21 American Community Survey Five-Year Estimates; Table B20004: Median Earnings in the Past 12 Months (in 2021 Inflation-Adjusted Dollars) by Sex by Educational Attainment for the Population 25 Years and Over.

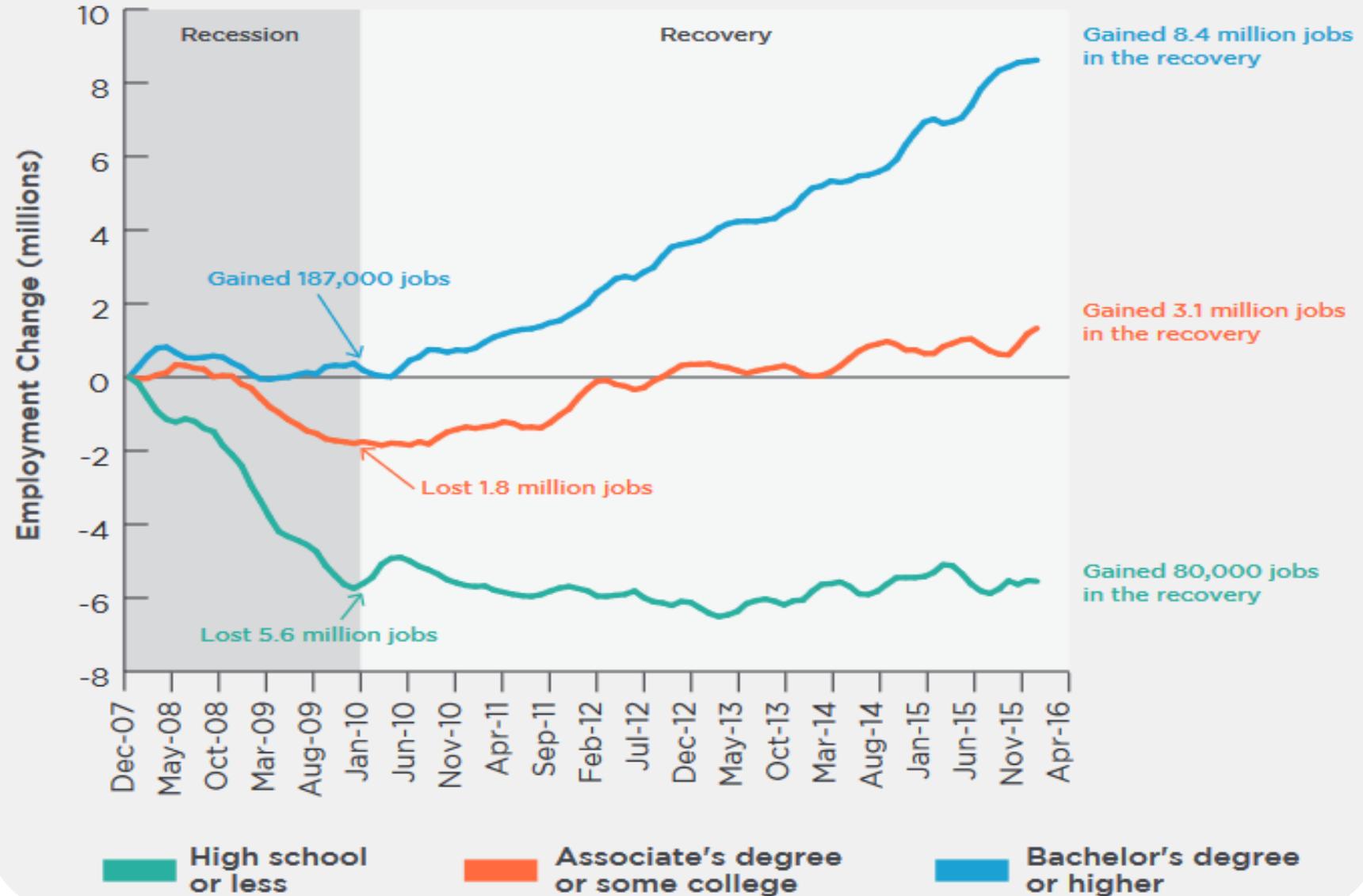
Oregon Median Annual Earnings by Educational Attainment for Adults 25+ (2021, Five-Year Estimate)





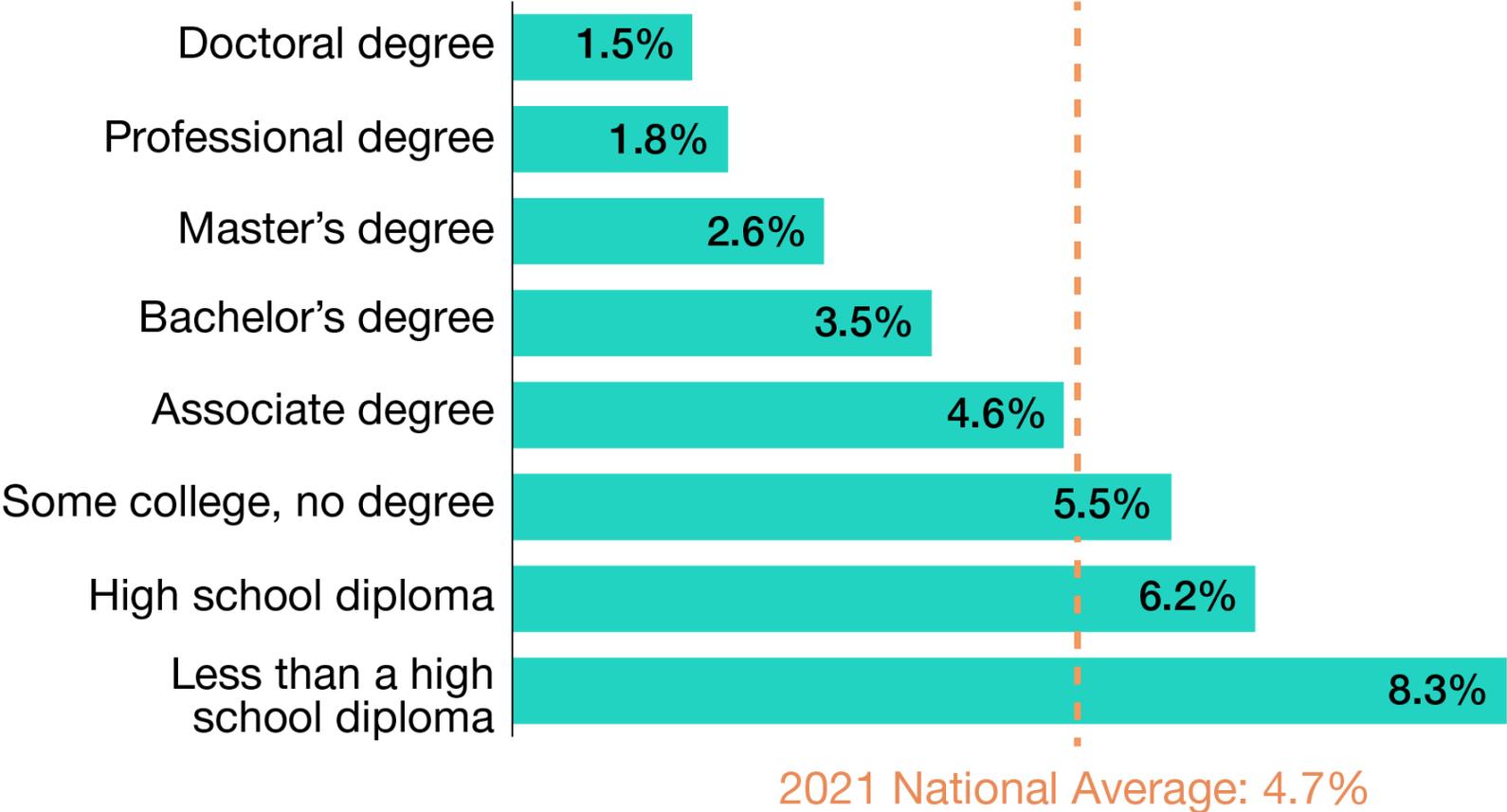
Higher Education Helps to Protect Working Families from Economic Downturns

Source: Carnevale, A.P., Jayasundera, T., & Gulish, A. (2016). *America's Divided Recovery: College Haves and Have-Nots*. Washington, D.C.: Georgetown Center on Education and the Workforce. Retrieved September 16, 2022 from <https://cew.georgetown.edu/cew-reports/americas-divided-recovery/#resources>.



The Unemployment Rate for Bachelor's Degree Holders Is Below the National Average

Unemployment rates by educational attainment, 2021



Note: Data are for persons age 25 and over. Earnings are for full-time wage and salary workers.

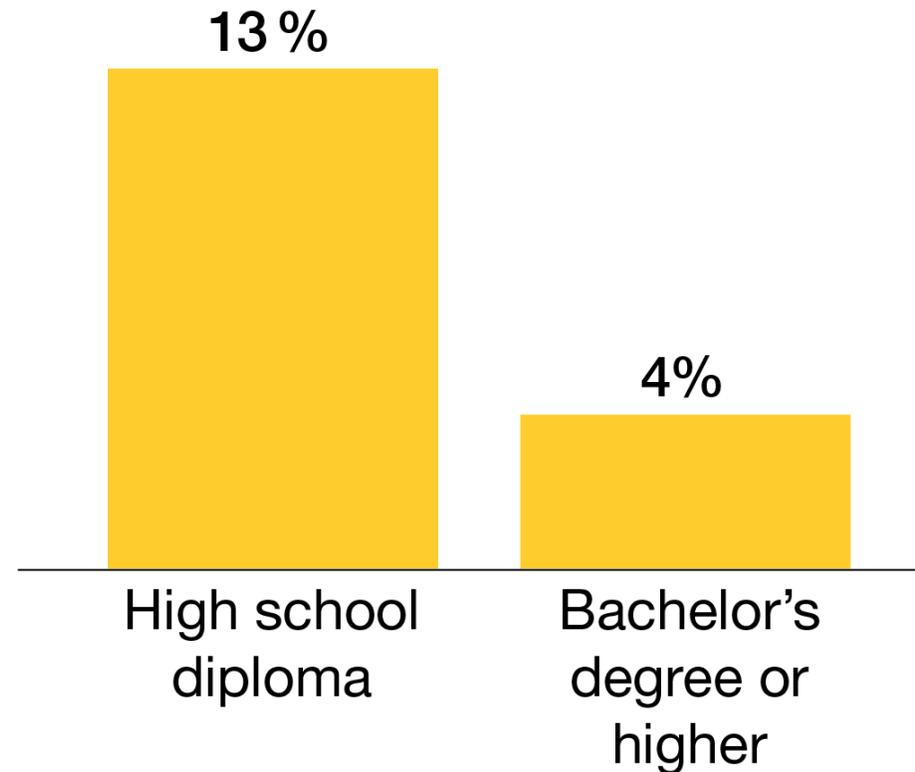
Source: U.S. Bureau of Labor Statistics, "Employment Projections," Current Population Survey, 2021.

SLIDE PROVIDED BY



Poverty Rates Are Three Times Higher for Those With Only a High School Diploma

Percent of individuals age 25 and older living in poverty, by educational attainment, 2021



Source: "Education Pays 2023," Figure 2.16A, The College Board, 2023.



Higher education
has a
positive impact on
the overall
**health &
well-being**
of graduates.

Source: U.S. Department of Health,
Office of Disease Prevention and Health
Promotion, *Social Determination of Health
Literature Summary*. "Enrollment in Higher
Education." Accessed April 4, 2023.

College and university graduates are more likely than high school graduates to:

- **Have better self-reported health;** and
- **Exercise, drink less alcohol, and seek preventative health care when needed;**

And are less likely to report conditions such as:

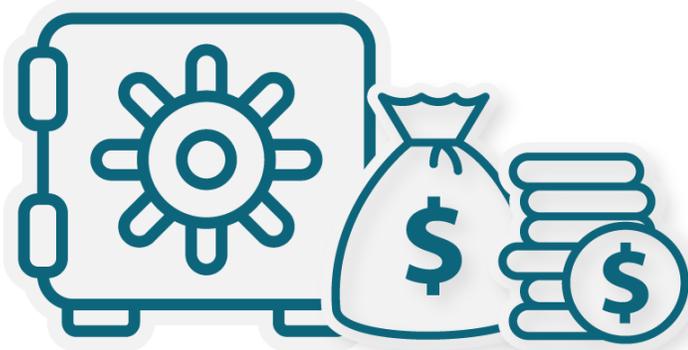
- **Heart disease;**
- **High blood pressure;**
- **Diabetes;**
- **Anxiety; and**
- **Depression.**

State Benefits



Over Their Lifetimes, Bachelor's Degree Holders Make Significant Contributions to Their Communities

Average lifetime contributions of bachelor's degree holders compared to an average wage earner with only a high school diploma



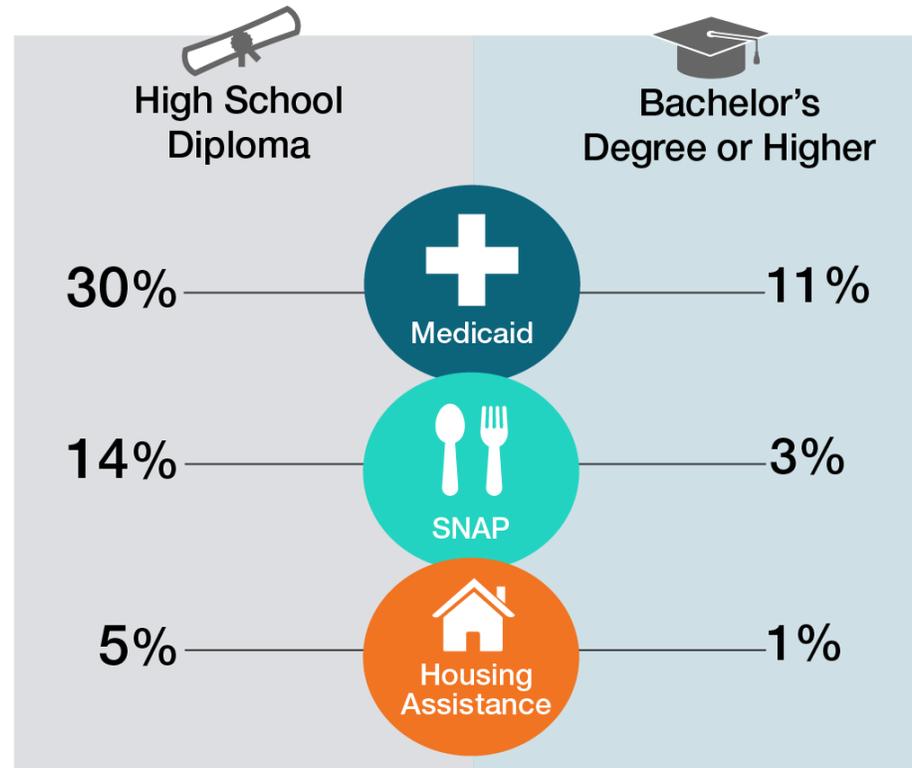
\$278,000
More to their
local economy

\$44,000
More in state and
local taxes

Source: "The Economic Impact of College Degrees," College Possible, August 2018.

Americans With a College Degree Are Less Likely to Participate in Public Assistance Programs

Percent of individuals age 25 and older living in households that participated in various public assistance programs, by education level, 2021

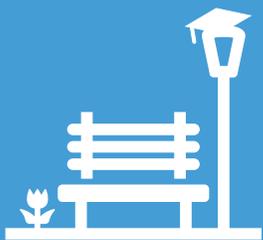


Source: "Education Pays 2023," Figure 2.17, The College Board, 2023.



Universities
Create **Jobs**

Oregon's seven public universities directly employ **21,916** faculty and staff, **12,467** student employees, and support **thousands** more indirect and induced **jobs** across the state.



Universities Contribute to Oregon's **Local Economies**

Sources: Most recent university economic impact statements and analyses available. ECONorthwest, *Oregon Technical and Regional Universities: Economic Contributions Final Report* (January 2020); <https://www.uoregon.edu/impact>; ECONorthwest analysis of 2016-17 Oregon State University expenditure data, visitor data, student enrollment data; Portland State University, *Economic Impact Report* (2019).



Oregon public university
operations contribute
\$7.5 billion
to Oregon's state
and local economies.

Oregon's public universities bring the **skills, expertise, and innovation** of higher education to **improve the quality of life for Oregonians and their communities.**



Help Move Oregon Forward

Please support public universities and students by **funding the PUSF at \$1.05 billion** & investing in programs that improve the success of Oregon students.

Contact:
Dana Richardson,
Oregon Council of Presidents
richardsond@mail.wou.edu



OREGON COUNCIL OF PRESIDENTS

