

Why College?

Positioning our Public Universities to Best Serve Wisconsin

Presentation to UW System Board of Regents

February 9, 2023

Are our students succeeding after graduation?

- Graduate Follow-up
 - Alumni surveys
 - Equifax project
 - Census project (coming this summer)
- What are the outcomes for our graduates? And for Wisconsin?
 - Employment and Wages
 - Satisfaction with their degree and experience
 - Economic and social impacts

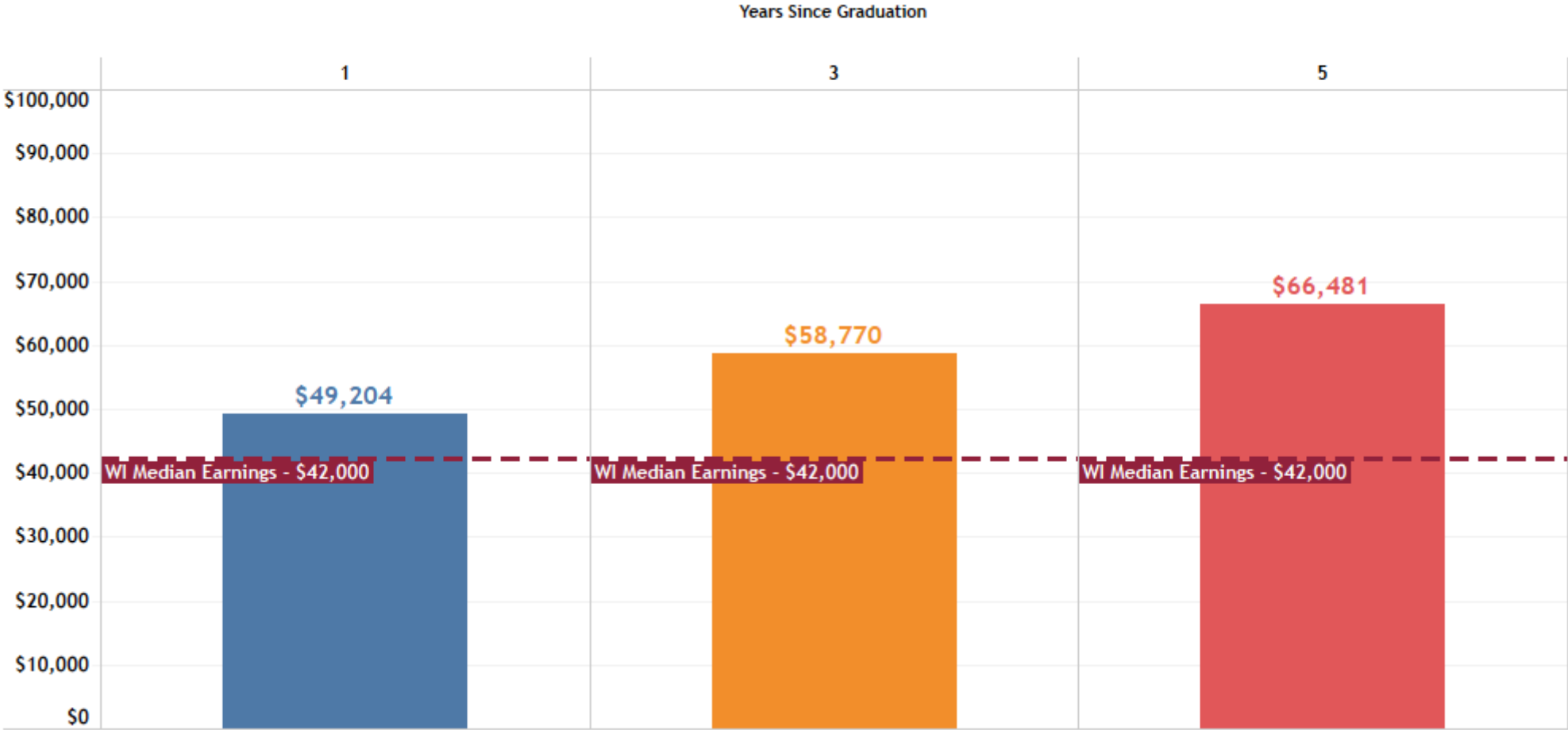
UW Grads are immediately placed on the Career Track

UW BACHELOR'S DEGREE RECIPIENTS MEDIAN ANNUAL EARNINGS IN 2019



With earnings that outpace WI median earnings

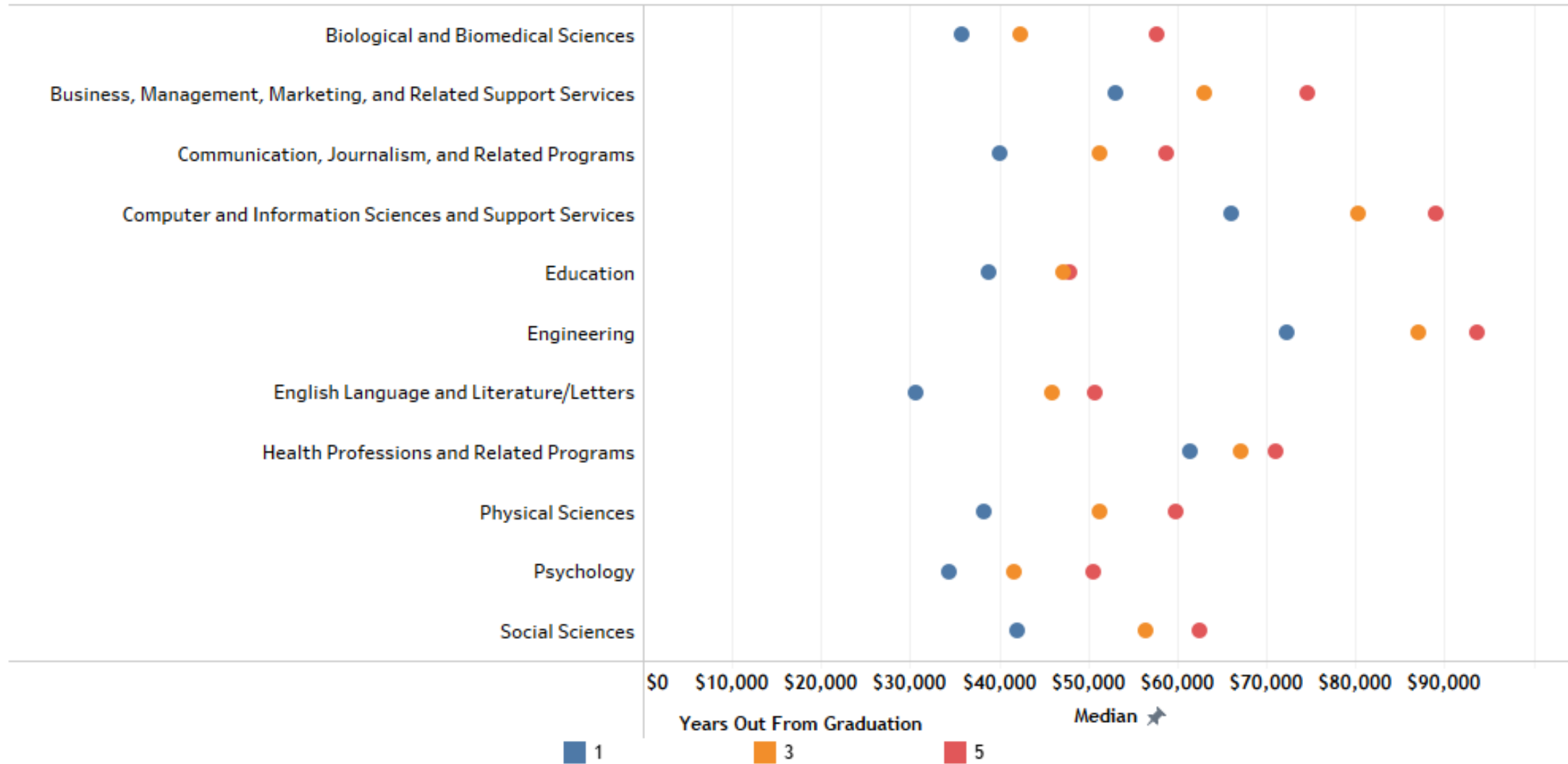
UW BACHELOR'S DEGREE RECIPIENTS MEDIAN ANNUAL EARNINGS IN 2019



Wisconsin Median Earnings from U.S. Census Bureau, 2019 American Community Survey 1-Year Estimates Table B20004

Wage growth evidenced in all major areas of study

Earnings by CIP

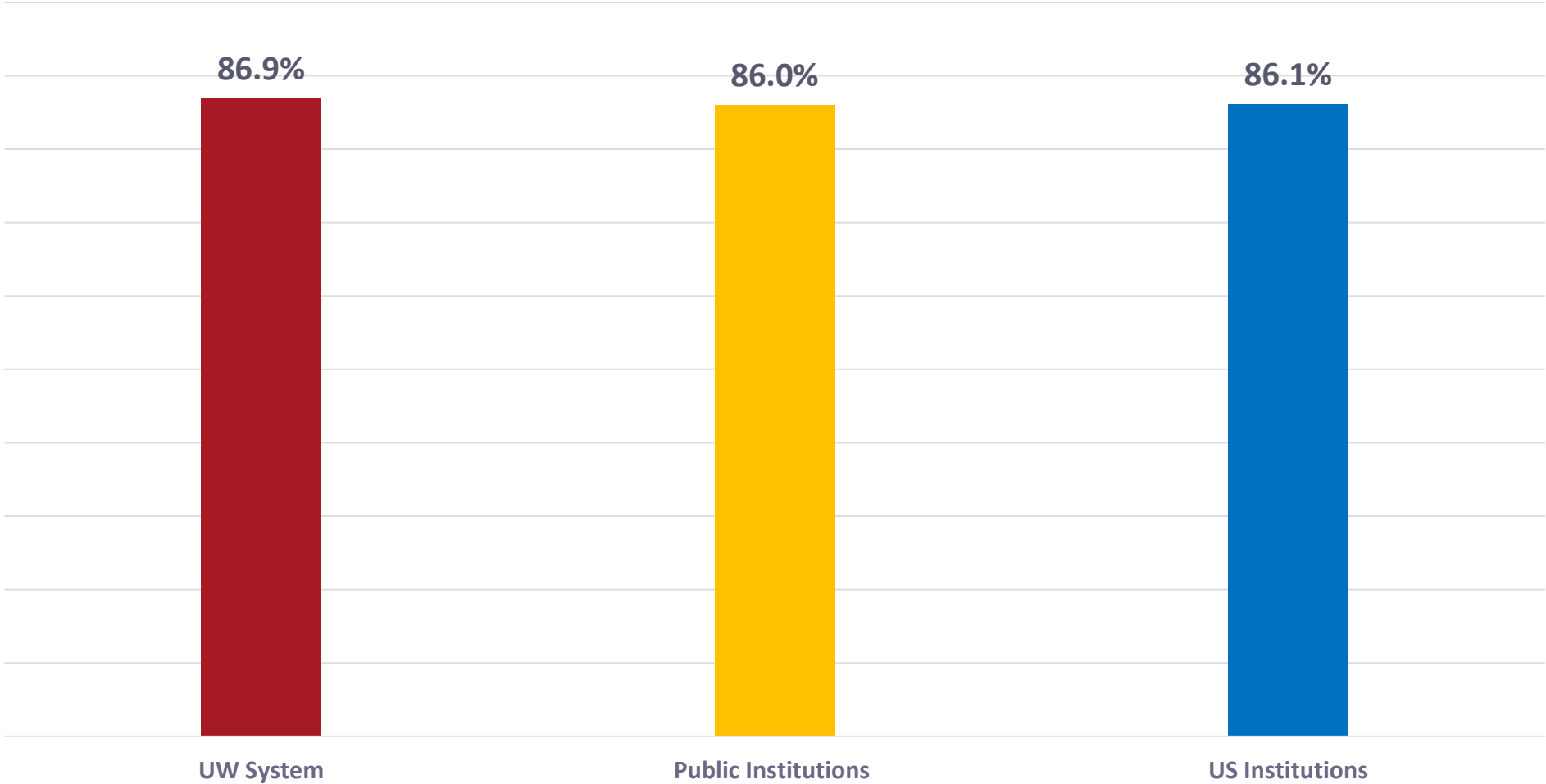


UW Grads work for many top employers in Wisconsin

Harris Bank Covance Inc.
Schneider National, Inc. CUNA Mutual Group
Oshkosh Corporation Johnson Controls, Inc.
Rockwell Automation, Inc. Milwaukee Public Schools ManpowerGroup Global
Mayo Clinic Thrivent Financial For Lutherans Kimberly-Clark Corporation Ernst & Young LLP
GE Healthcare Children's Hospital of Wisconsin, Inc. Kohler Co. Aurora Health Care
Froedtert Memorial Lutheran Hospital Inc
Associated Banc-Corp Epic Systems Corporation Kohl's Corporation
Baker Tilly Virchow Krause, LLP Sentry Insurance Northwestern Mutual Target Corporation
Milwaukee Electric Tool Corporation Kerry Inc. Pricewaterhousecoopers LLP
Exact Sciences Corporation American Family Insurance Robert W. Baird & Co. Incorporated
Wipfli LLP Fidelity National Information Services, Inc. Bemis Company, Inc. Plexus Corp.
U.S. Bancorp Sub-Zero Group, Inc.
Ppd Development, LLC Deloitte LLP Menard, Inc.

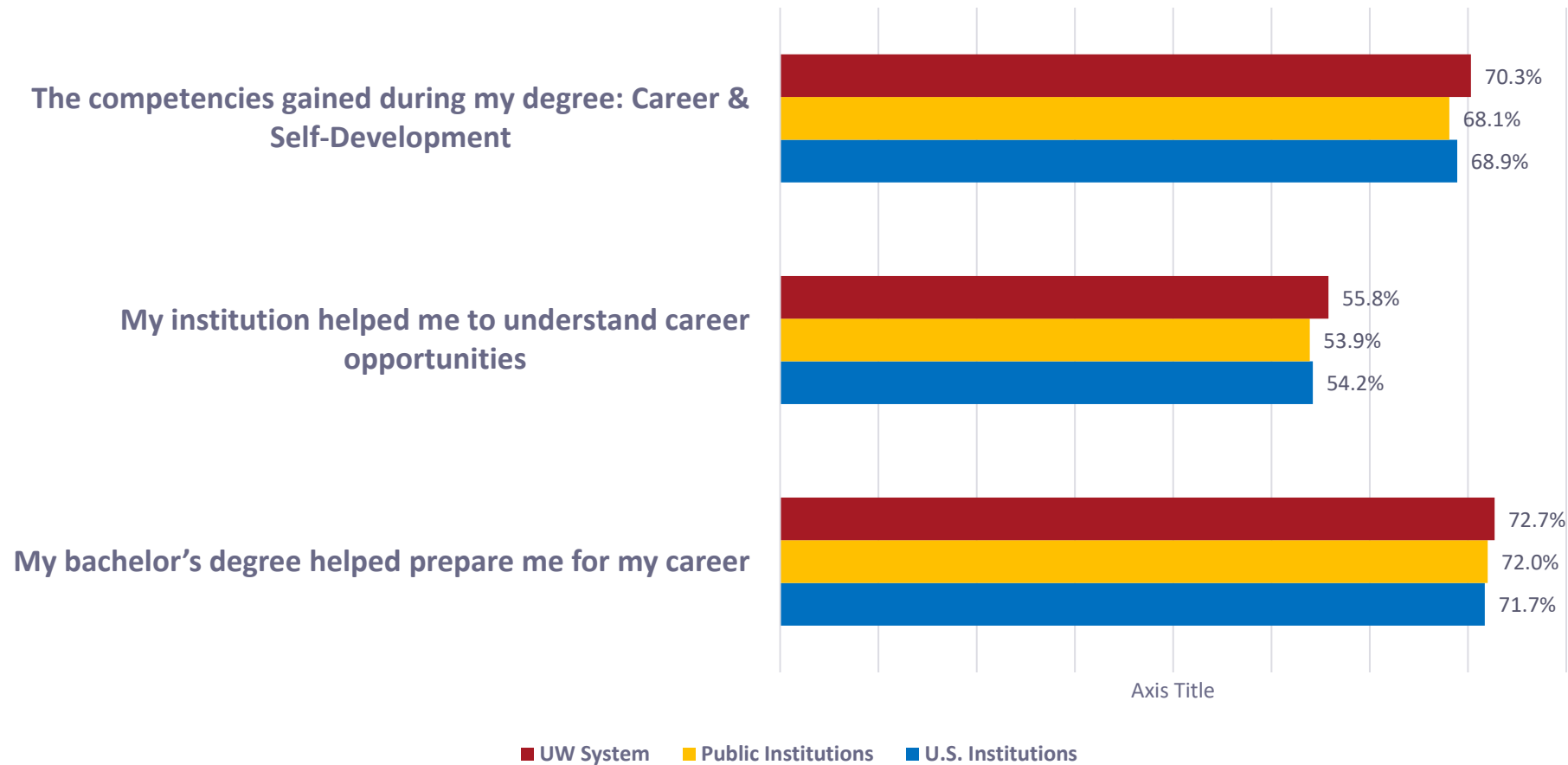
Career Pathway

% of Graduates who have had full-time employment since earning their degree



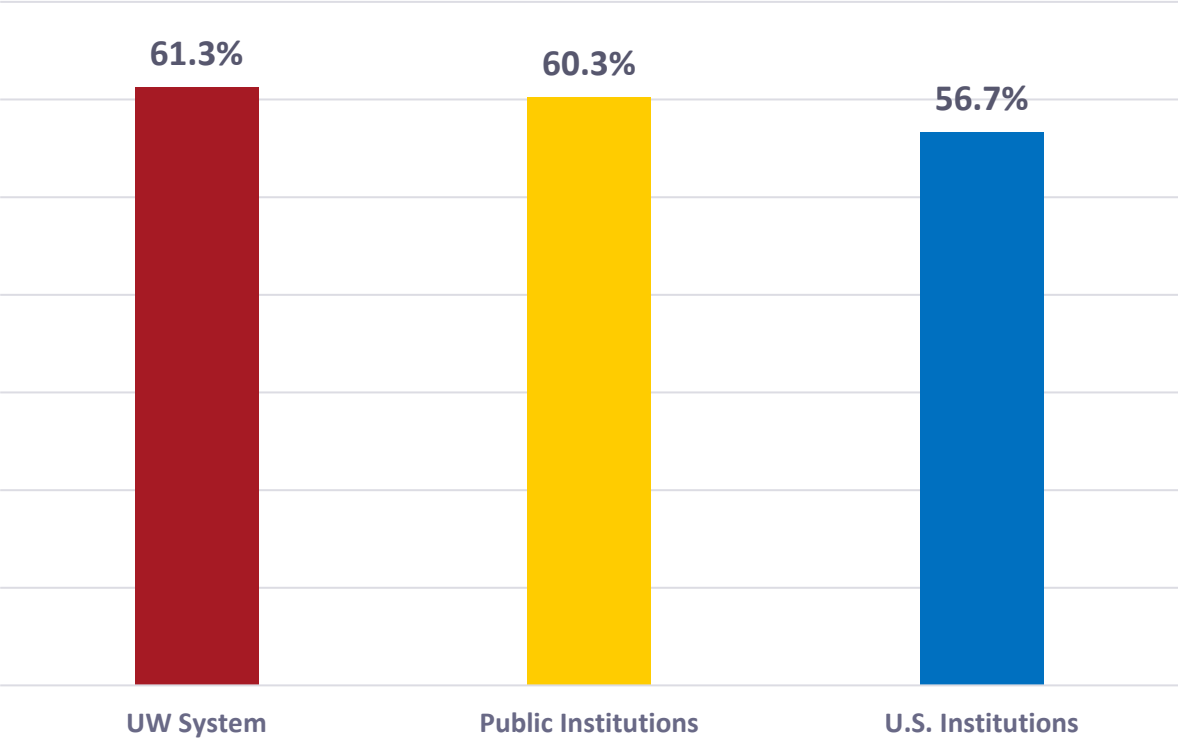
Returns on Institutional Career Investment

Institutional Career Preparation (% agree or strongly agree)

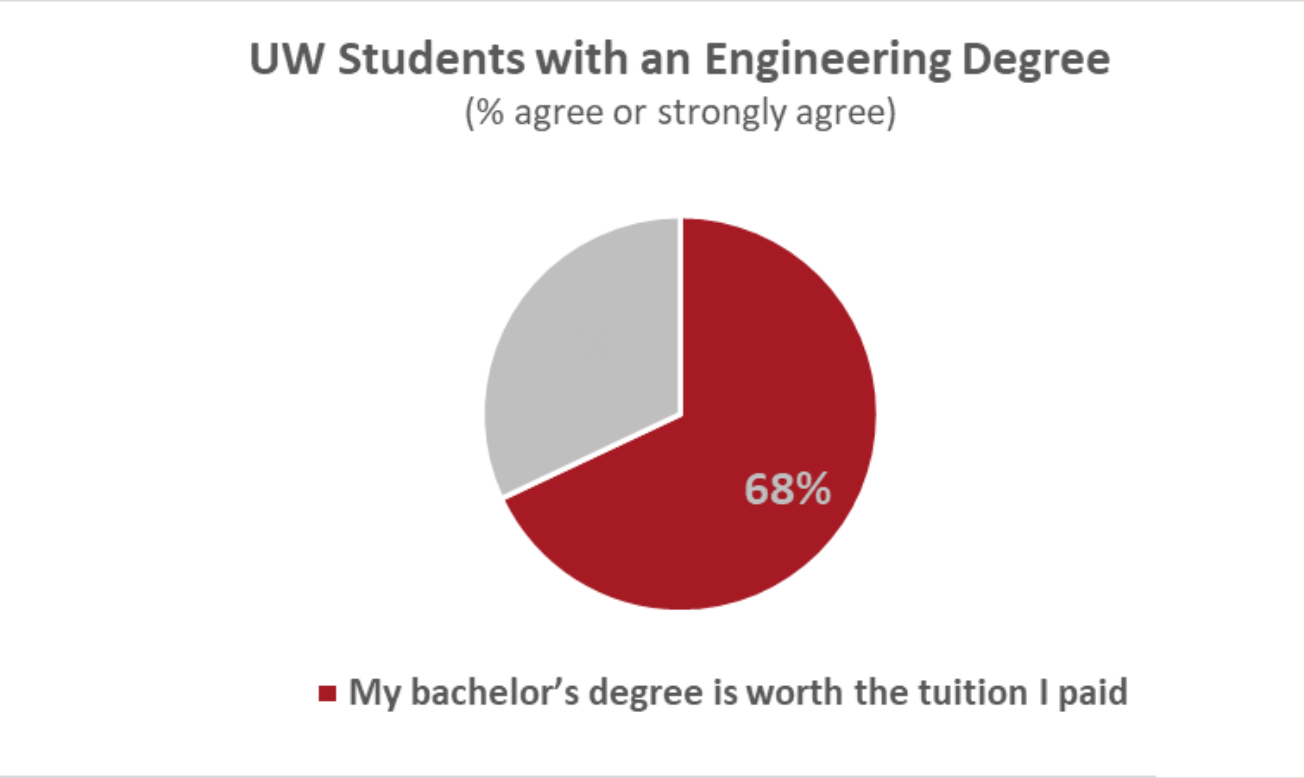


Student Cost-Benefit Perceptions

My bachelor's degree is worth the tuition I paid
(% agree or strongly agree)



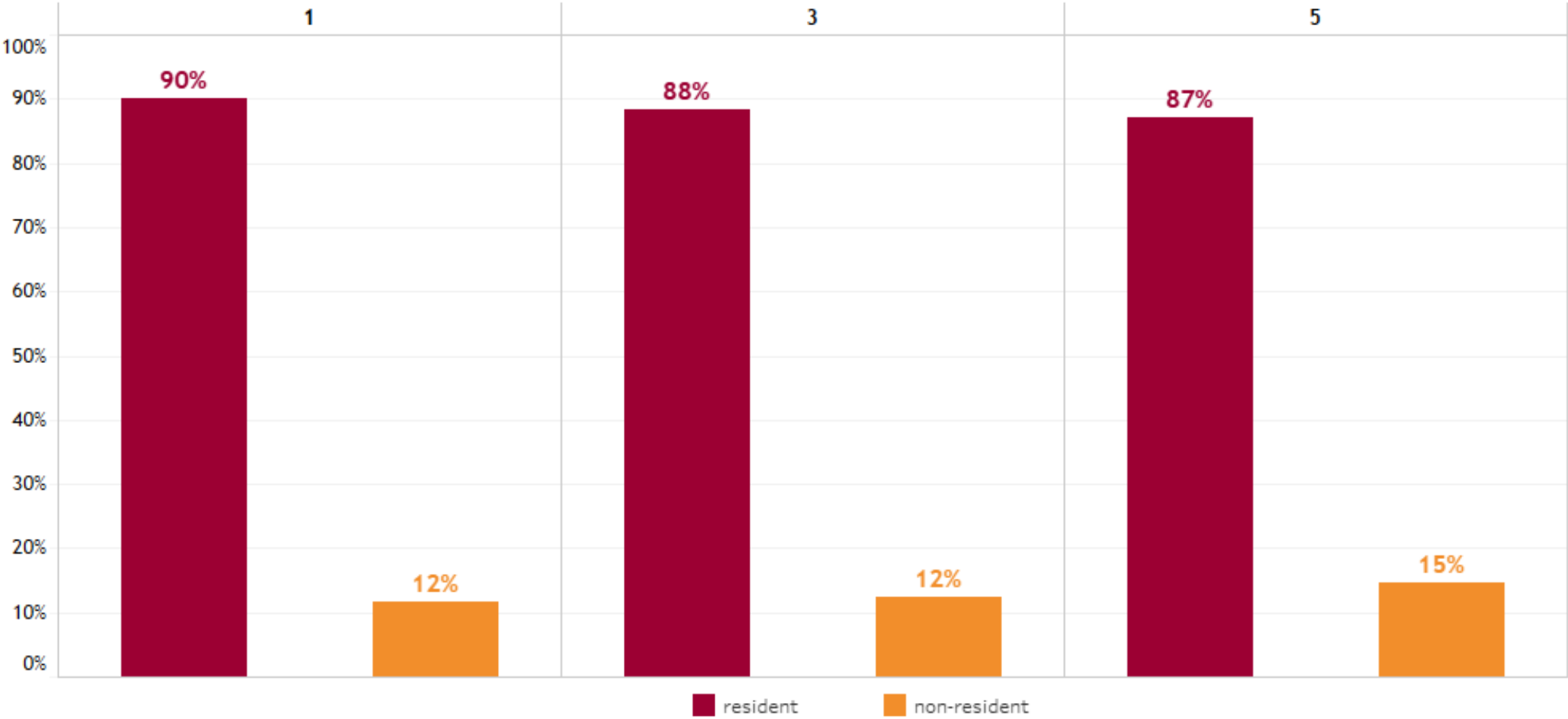
UW Students with an Engineering Degree
(% agree or strongly agree)



UW grads from Wisconsin stay to work in Wisconsin

UW BACHELOR'S DEGREE RECIPIENTS LIVING IN WISCONSIN

Years Since Graduation



Economic Impact Measures

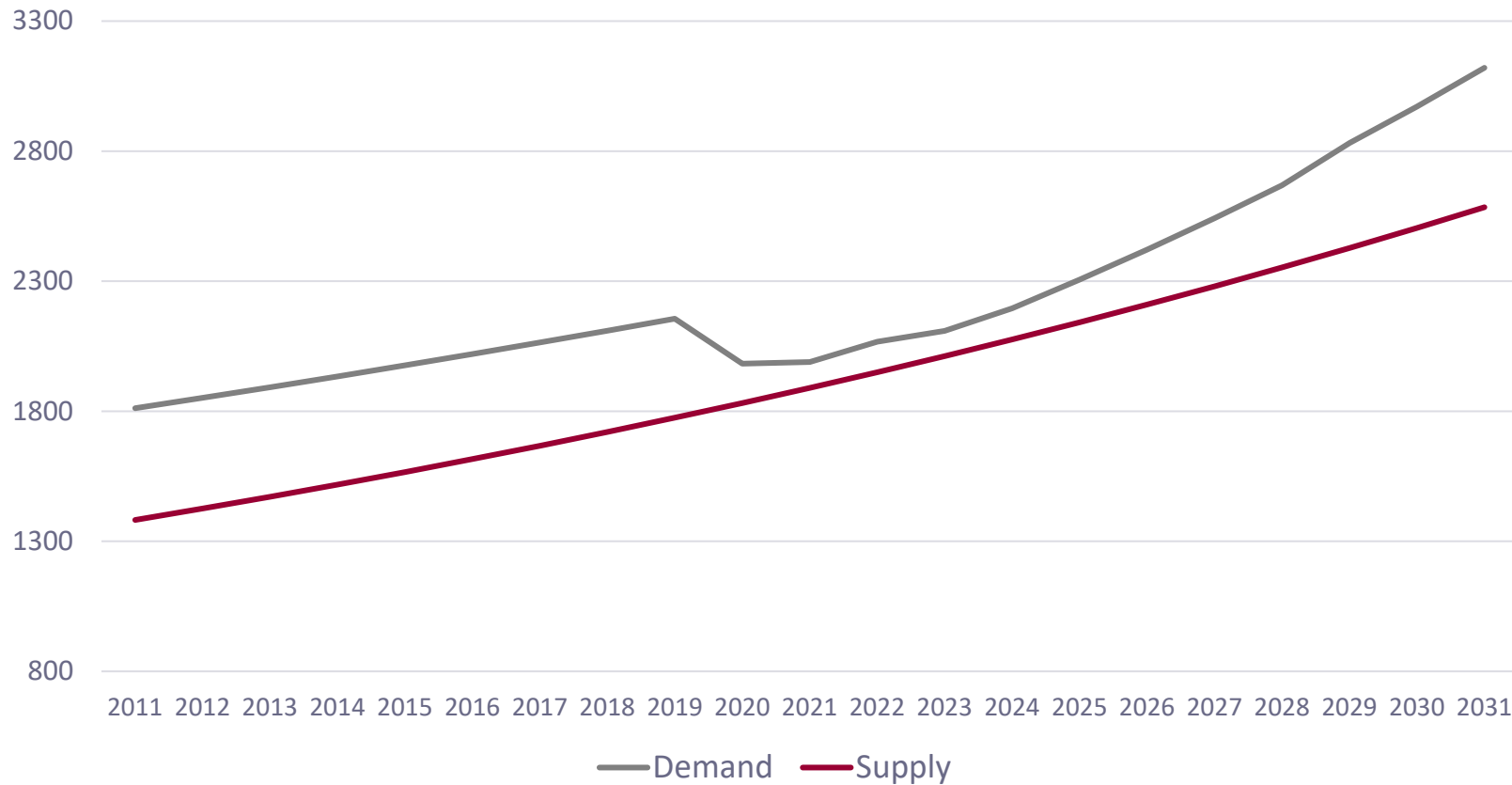
- Wisconsin realizes a 20% return on the State's investment in a UWS Bachelor's degree
 - Versus 9% in 2002
- A UWS Bachelor's graduate will earn 45% more than a high school graduate
 - Versus 30% in 2002
- A UWS Bachelor's graduate recoups their investment in their degree in 6.5 years
 - Versus 3 years in 2002

UWS is ensuring that success

- Developing the right Academic programs
 - Advanced Labor Market analytics
- Affordability
 - Tuition Promise
- College Experience
 - Proactive student support
 - High Impact Practices

Developing Targeted Academic Programs

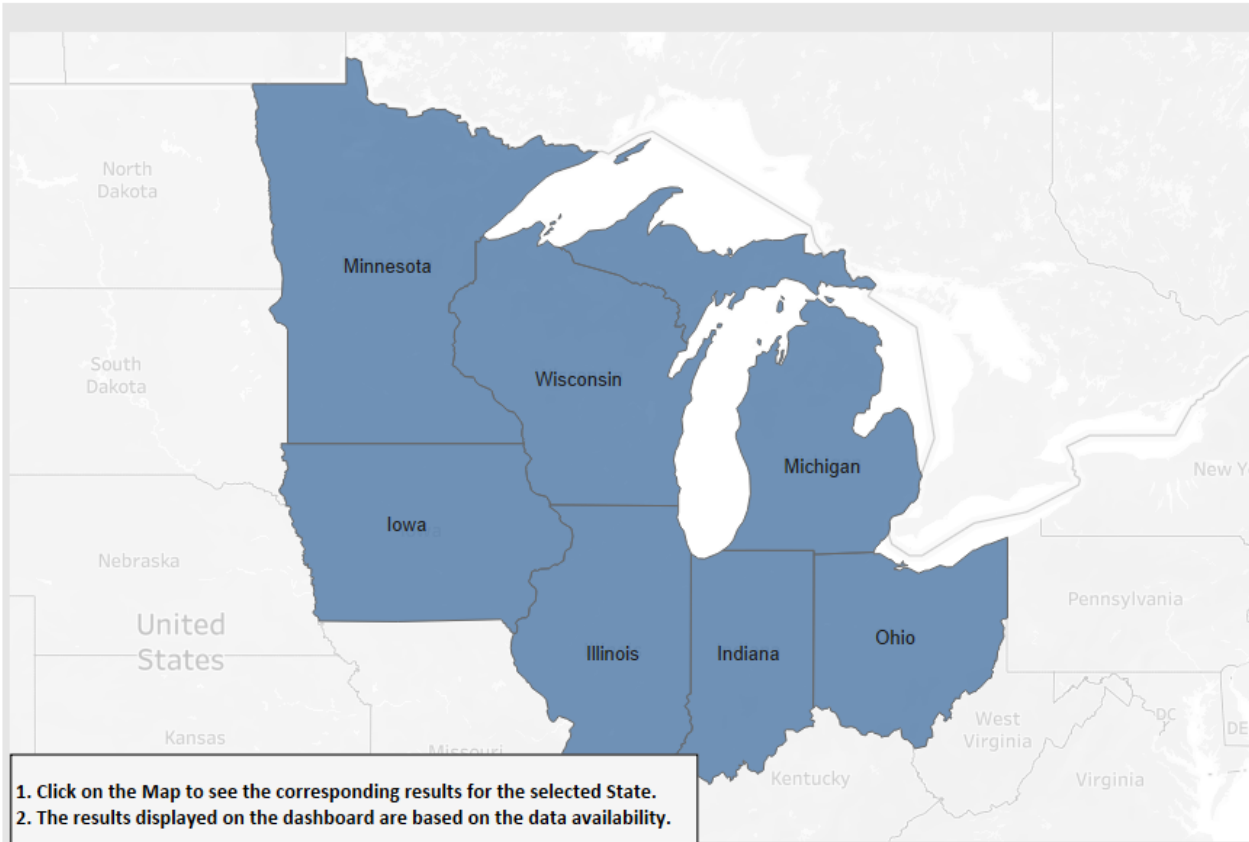
Demand and Supply Projection (Engineers in WI)



The persistent gap between the demand and supply in Engineering in WI has underscored the challenge of meeting an increasing need for qualified engineering professionals.

The increased degree number will not keep pace with forecasted demand.

Workforce Attribute and Projection by State



1. Click on the Map to see the corresponding results for the selected State.
 2. The results displayed on the dashboard are based on the data availability.

Workforce and Projection

Annual Median Wage	83,171
LQ	0.78
Unempl Rate	1.1%
10 Year Forecast Growth Rate	-1.8%
Annual Growth Demand	-112

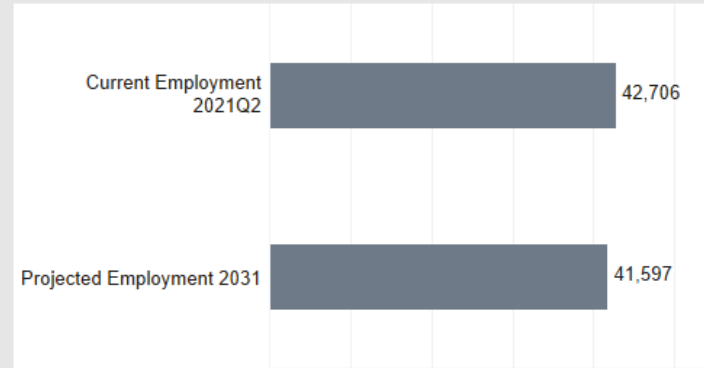
**Annual Supply Gap
(2021-2031)**

-210

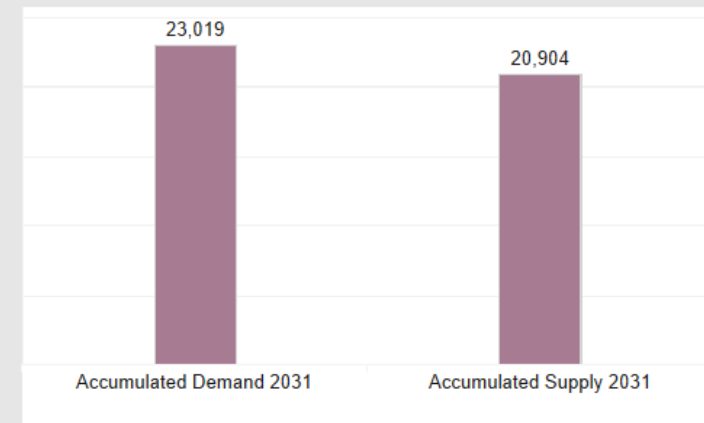
Sector
 Engineering
 Healthcare

SOC Level
 5-digit
 6-digit

Occupation
 Civil Engineers



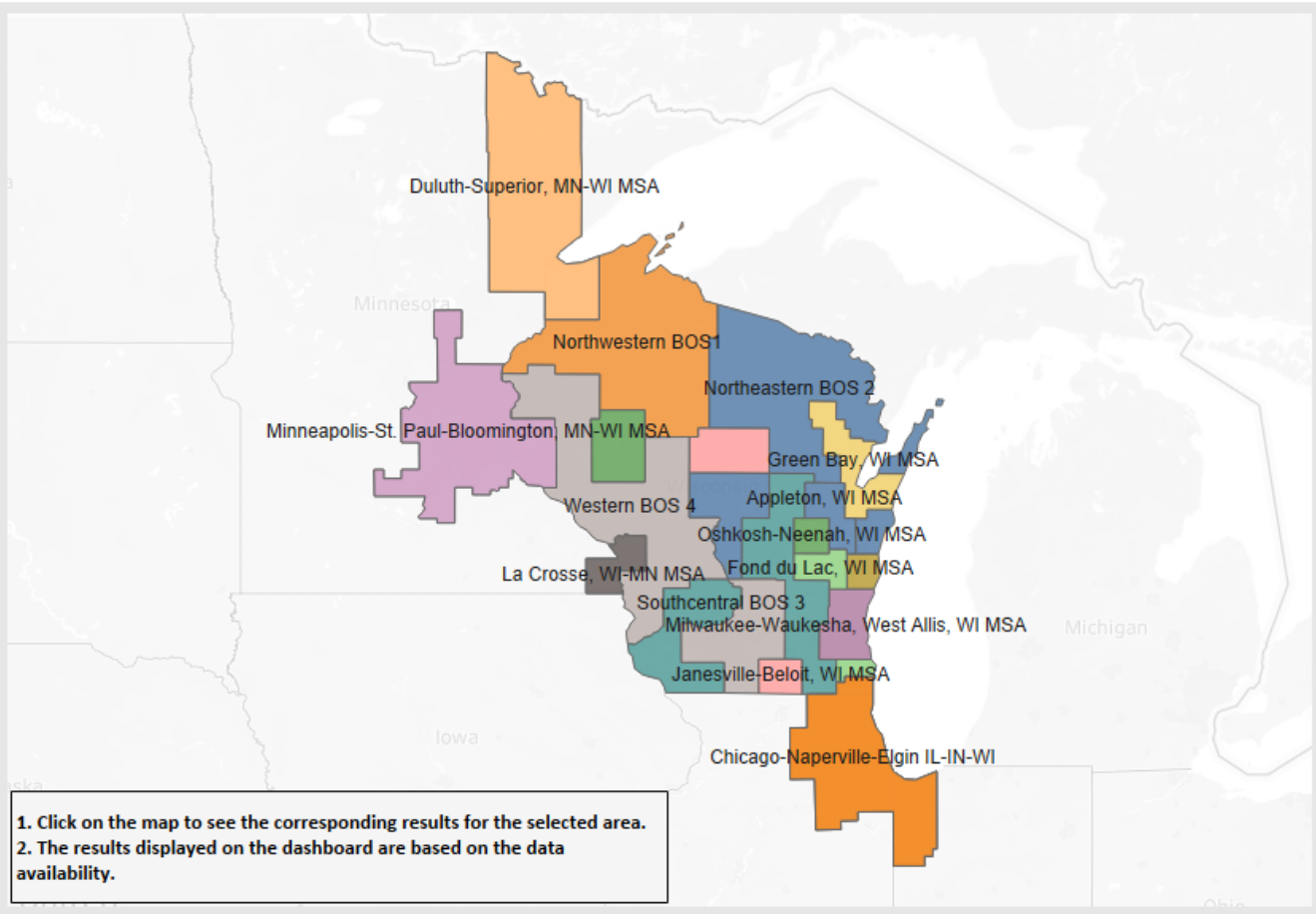
Projected Demand and Supply (2021-2031)



Engineering Fields Annual Supply Gap

By WI Metropolitan Statistical Areas and Balance of State Areas*

Region	Annual Supply Gap
Chicago-Naperville-Elgin IL-IN-WI MSA	-344
Minneapolis-St. Paul-Bloomington, MN-WI MSA	-201
Milwaukee-Waukesha, West Allis, WI MSA	-87
Madison, WI MSA	-39
Southcentral BOS 3	-23
Appleton, WI MSA	-14
Green Bay, WI MSA	-14
Oshkosh-Neenah, WI MSA	-14
Fond du Lac, WI MSA	-13
Western BOS 4	-11
Northeastern BOS 2	-10
Racine, WI MSA	-9
Wausau, WI MSA	-9
Duluth-Superior, MN-WI MSA	-8
Eau Claire, WI MSA	-8
Janesville-Beloit, WI MSA	-8
Sheboygan, WI MSA	-5
La Crosse, WI-MN MSA	-3
Northwestern BOS1	-3



UW System Workforce Analytics Dashboard

- Front Page
- Overview**
- Workforce by State
- Workforce by WI Geographic Units
- Educational Supply
- Data Tables

1. Click on the Map to see the corresponding results for the selected State.
2. The selection will refresh dashboard data to display the corresponding results for the selected area.

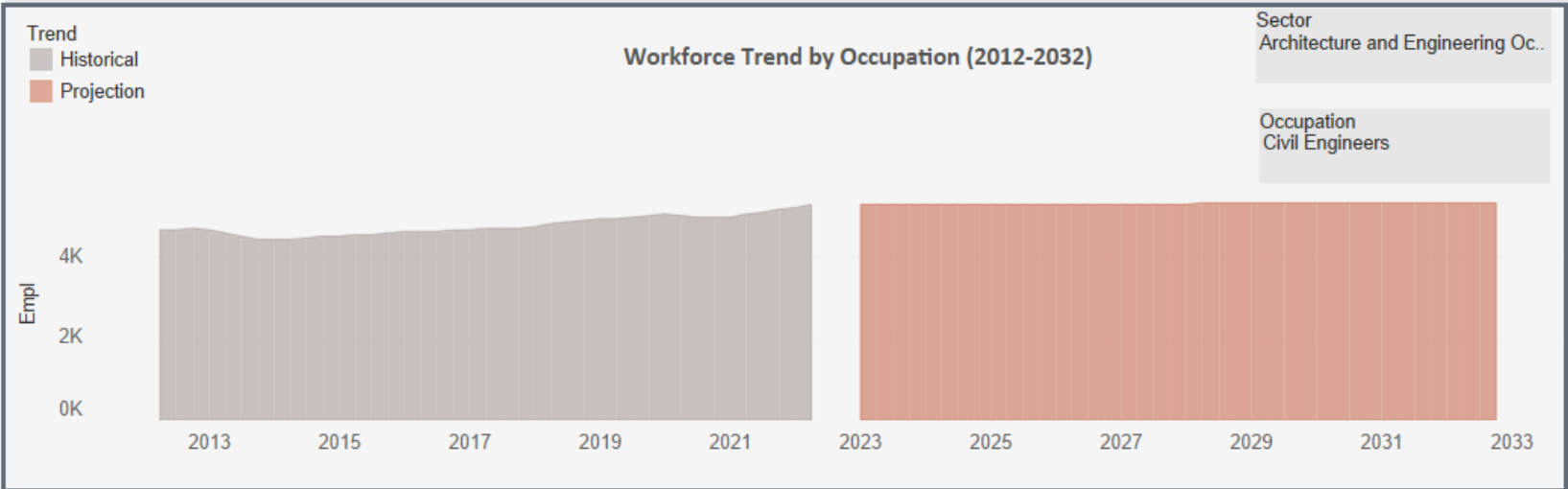
Sector
All

10 Year Forecast Growth Rate (Top 5)

Ranking	Occupation	Growth Rate
1	Wind Turbine Service Technici..	74.7%
2	Nurse Practitioners	45.9%
3	Agents and Business Manager..	39.4%
4	Manicurists and Pedicurists	32.5%
5	Statisticians	29.0%

2022-2032 Annual Supply Gap (Top 5)

Ranking	Occupation	Supply Gap
1	Registered Nurses	-319
2	Software Developers	-292
3	General and Operations Manage..	-198
4	Nurse Practitioners	-148
5	Elementary School Teachers, Ex..	-113



More to Come

- Growth of Internships
 - National Survey of Student Engagement
- Understanding Graduate Outcomes
 - Census Project results
- Economic Impact Review
- Affordability
 - Accountability Indicators
 - Follow-up Affordability Study