

JANUARY 2025

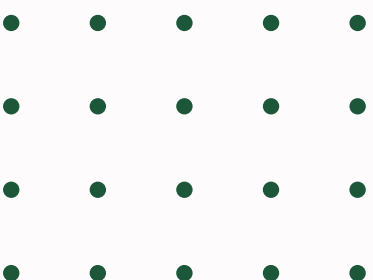


ENVIRONMENTAL SCAN REPORT

PRESENTED BY:

Ryan M. Jones

INSTITUTIONAL EFFECTIVENESS AND RESEARCH (IER)



Scan Purpose

The purpose of the environmental scan is to provide a wide range of information that will enable decisionmakers to understand the current context in which we operate, predict future trends, and incorporate this understanding into the college's strategic direction.

Internal

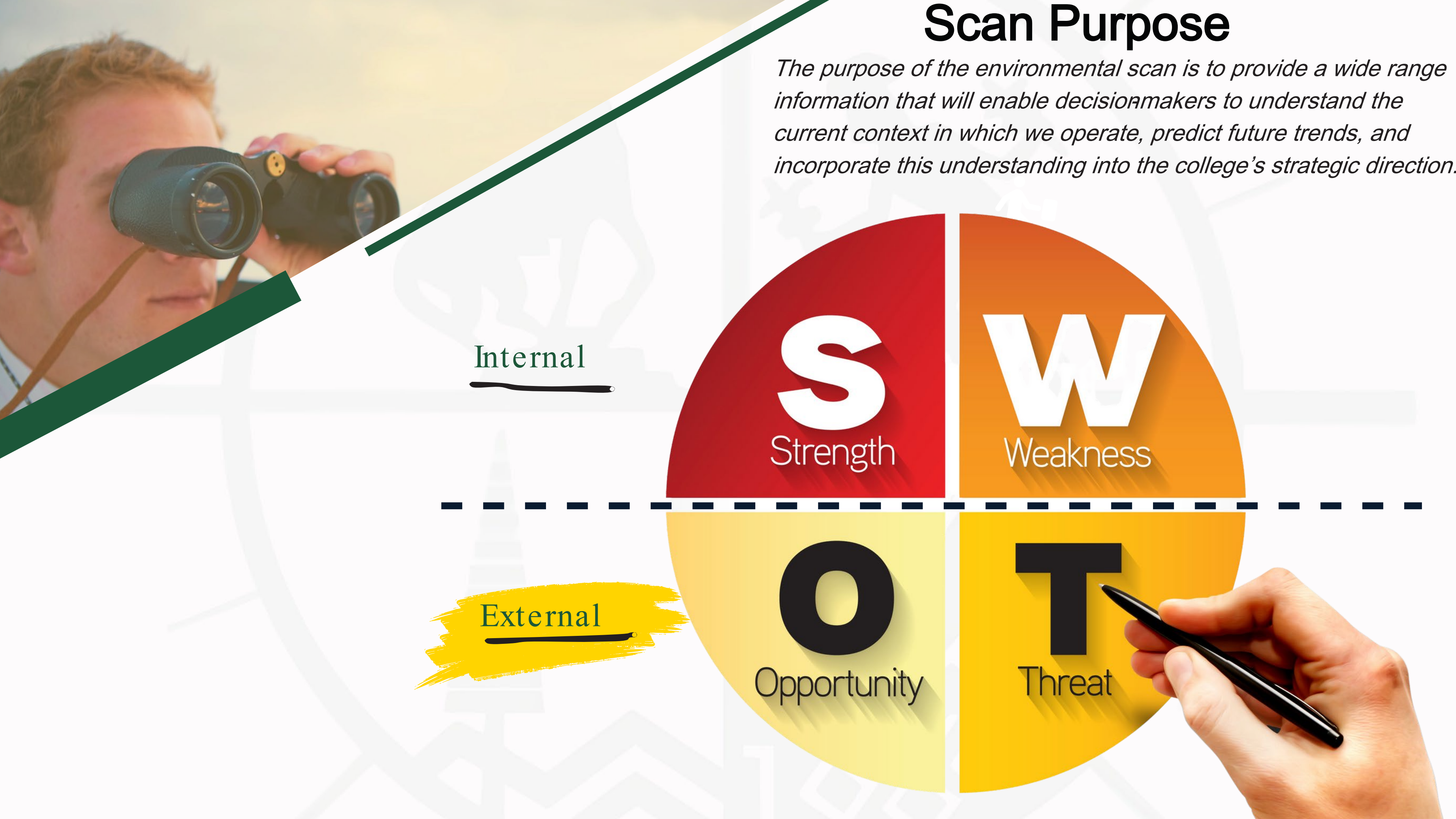
S
Strength

W
Weakness

External

O
Opportunity

T
Threat



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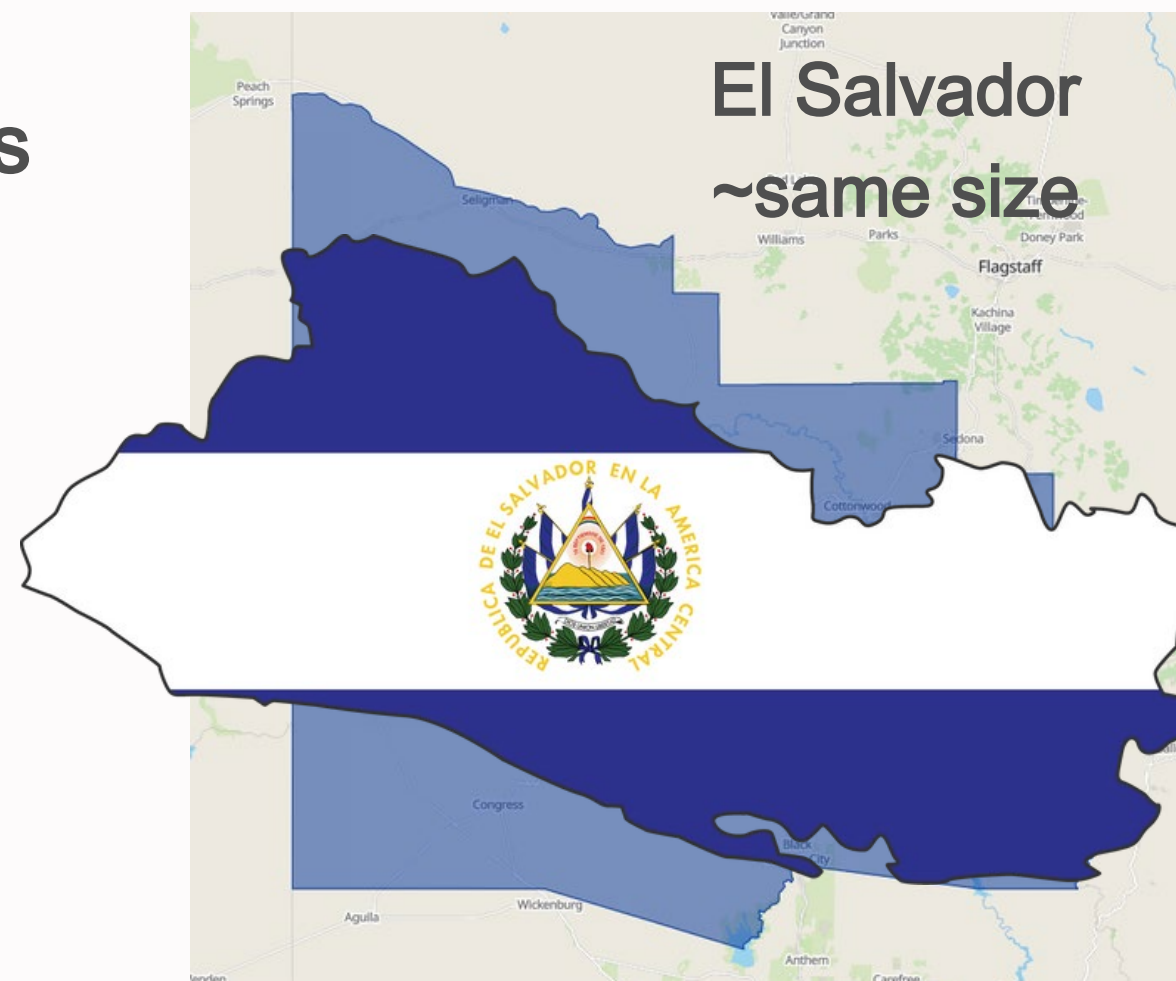
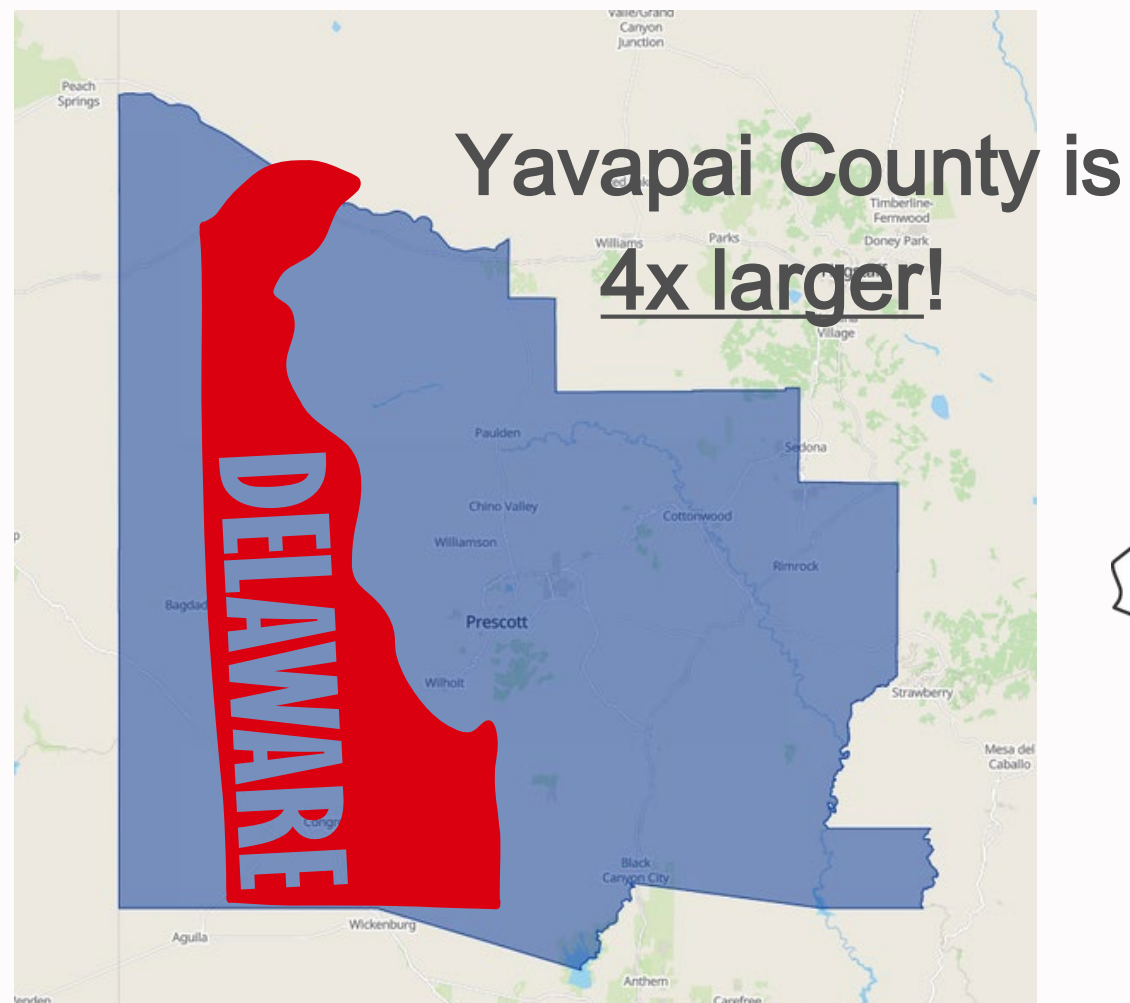
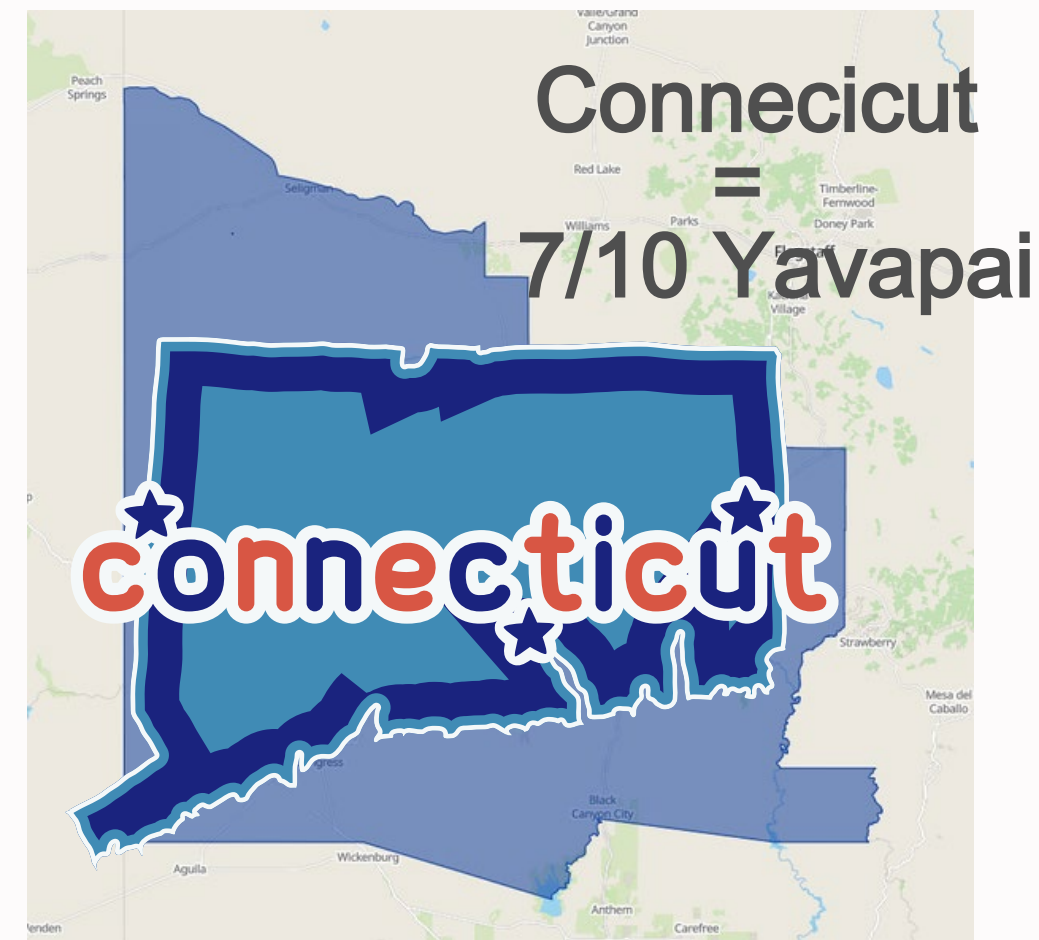
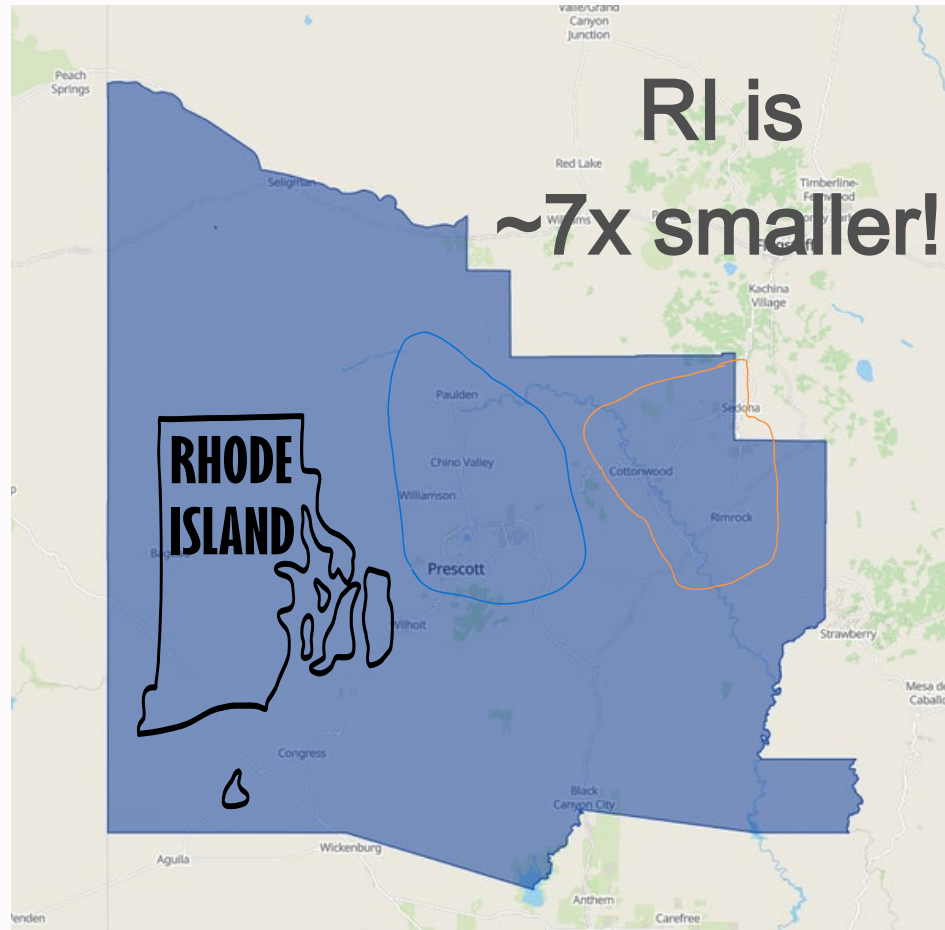
Technology

07

Question Time



County Size Comparisons



Population Density

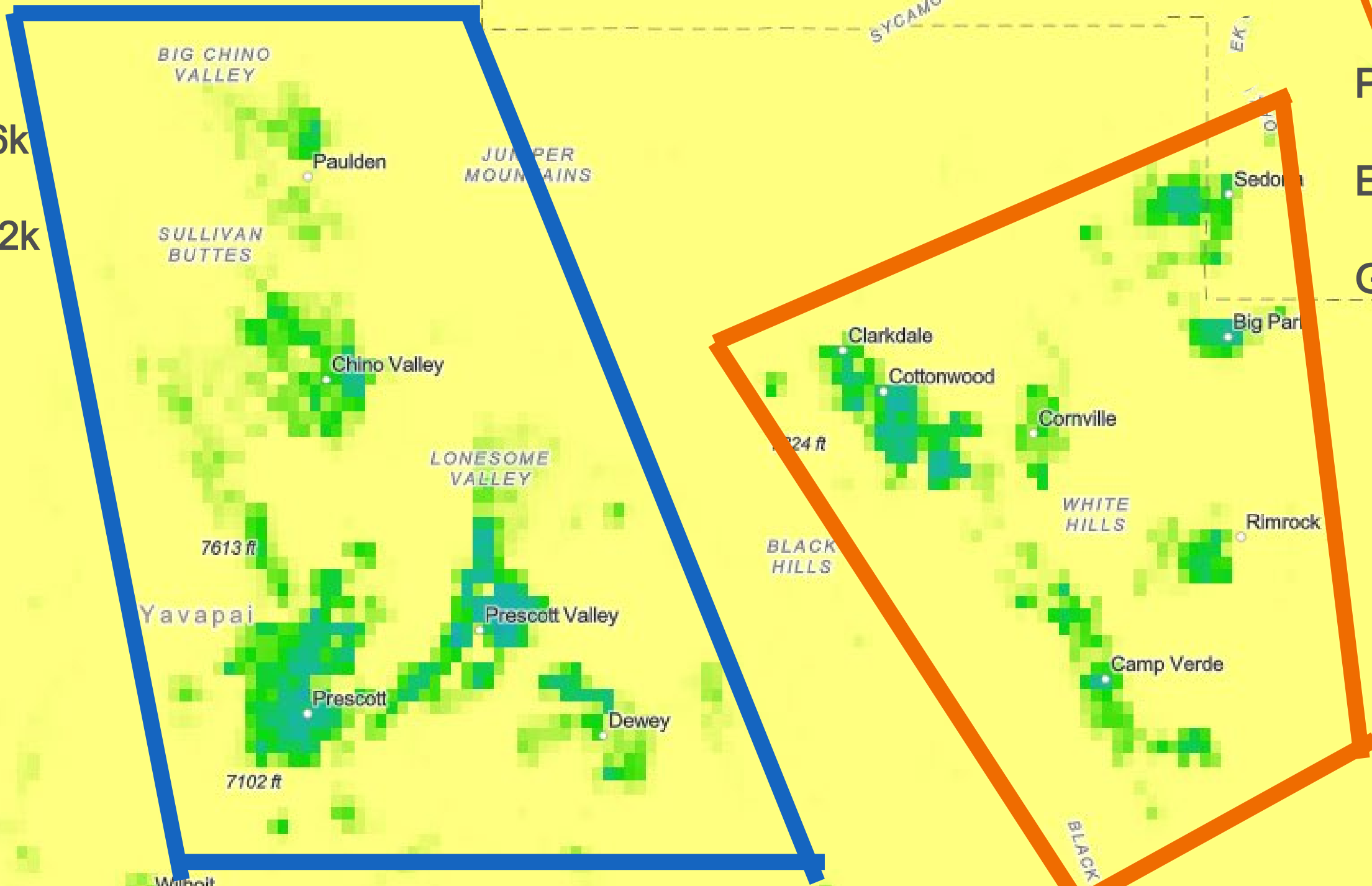
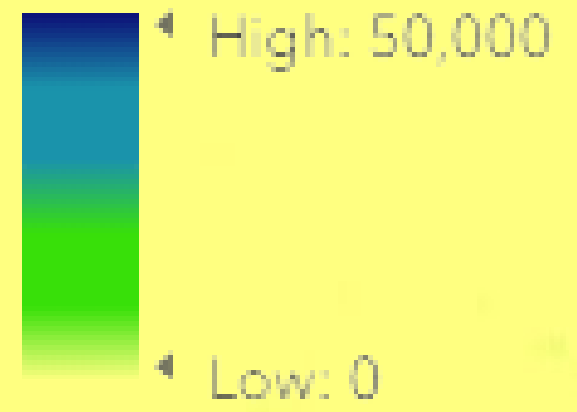
West

Population = 166k
 +10.5%, 5-yr
 Employment = 52k
 +6.5%, 5-yr
 GDP* = \$6.3B

Verde Valley

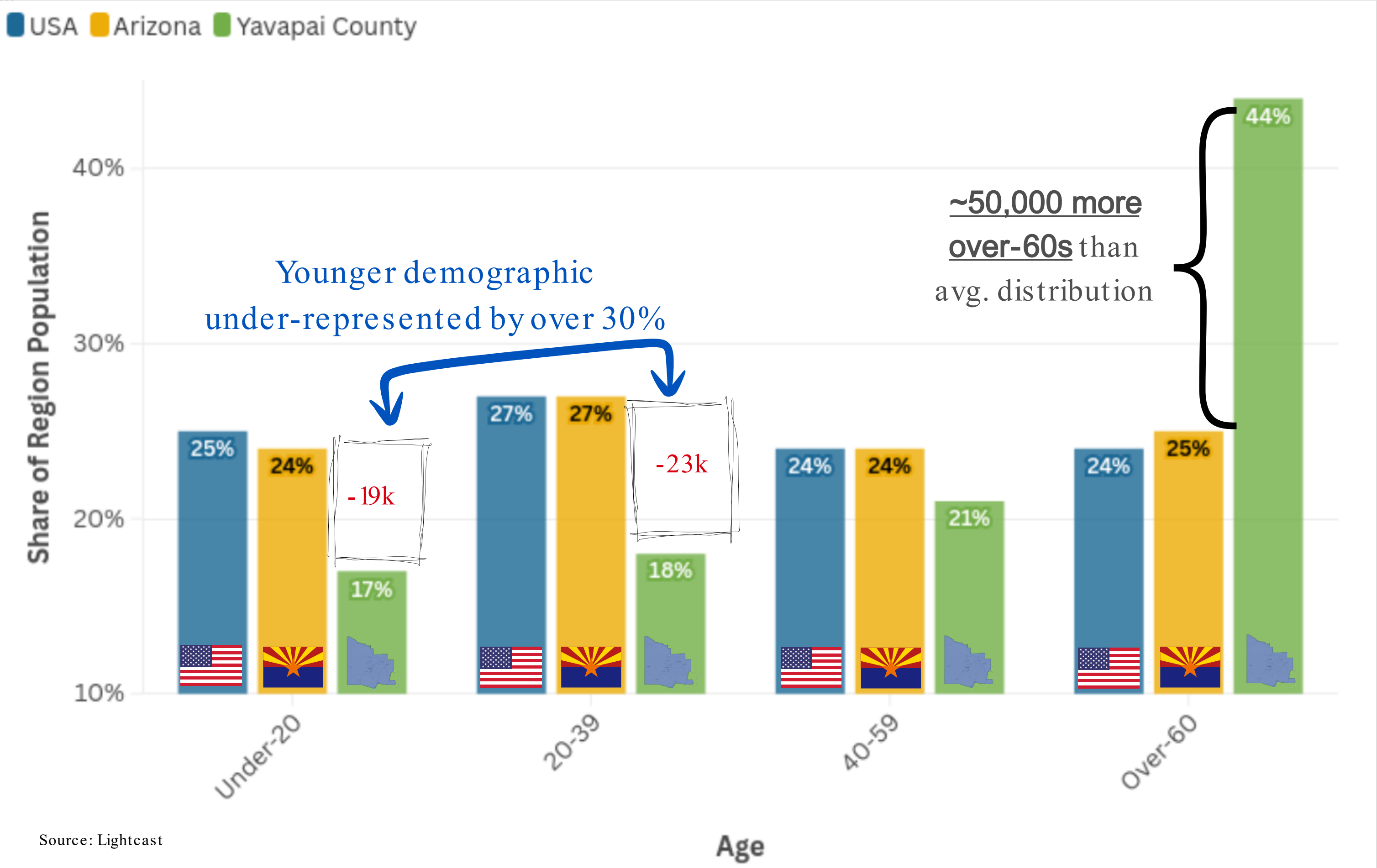
Population = 70k
 +0%, 5-yr
 Employment = 28k
 +11%, 5-yr
 GDP* = \$3.2B

Population Density



*GDP (or GRP): Measures the final market value of all goods and services produced in a region.

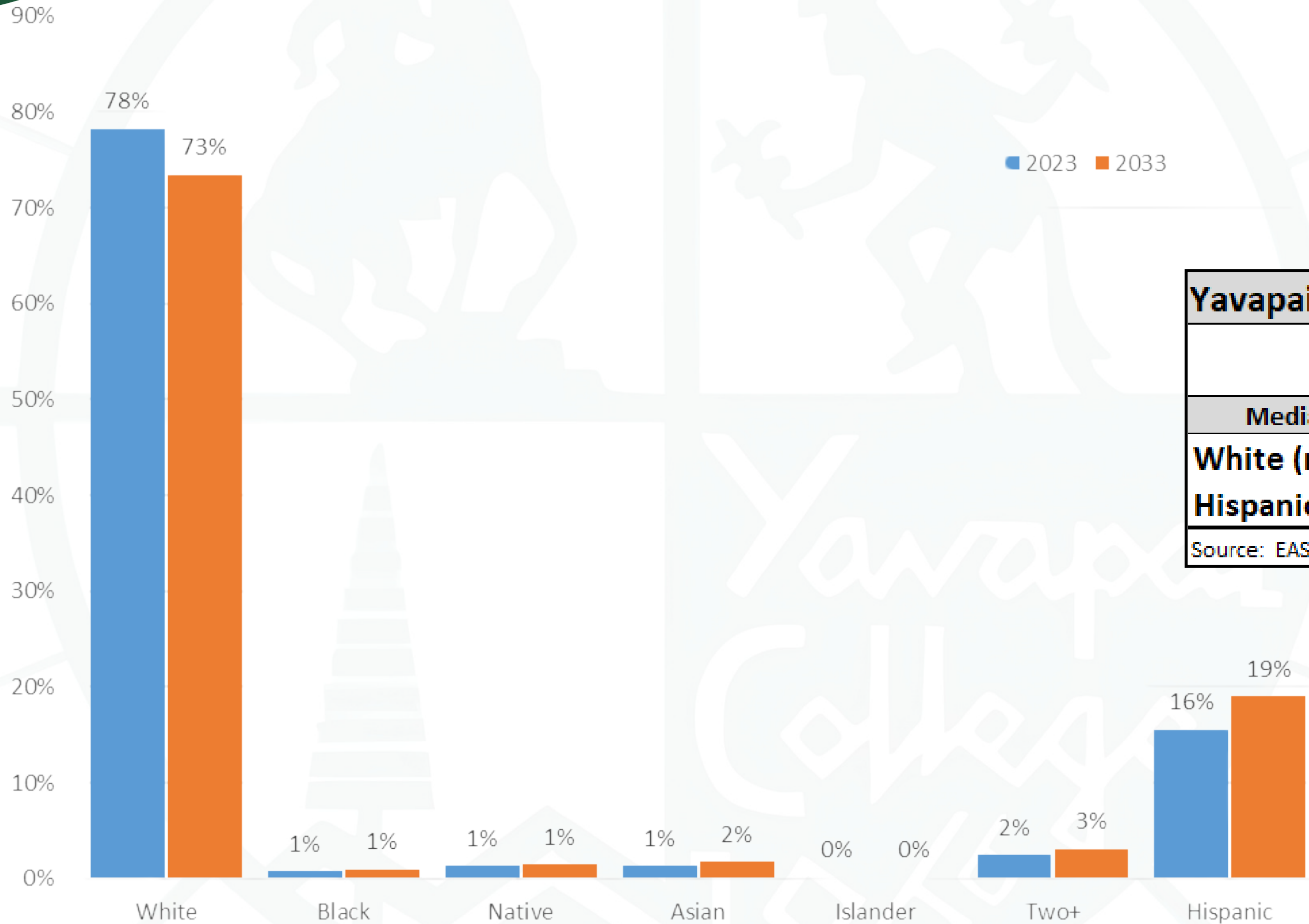
Population: Age Groups Compared



Yavapai Co. Median Age	
56	
Median Age by Ethnicity	
White (non-Hisp.)	58.1
Hispanic	32.4
<small>Source: EASI estimate 1/1/2024</small>	

Source: Lightcast

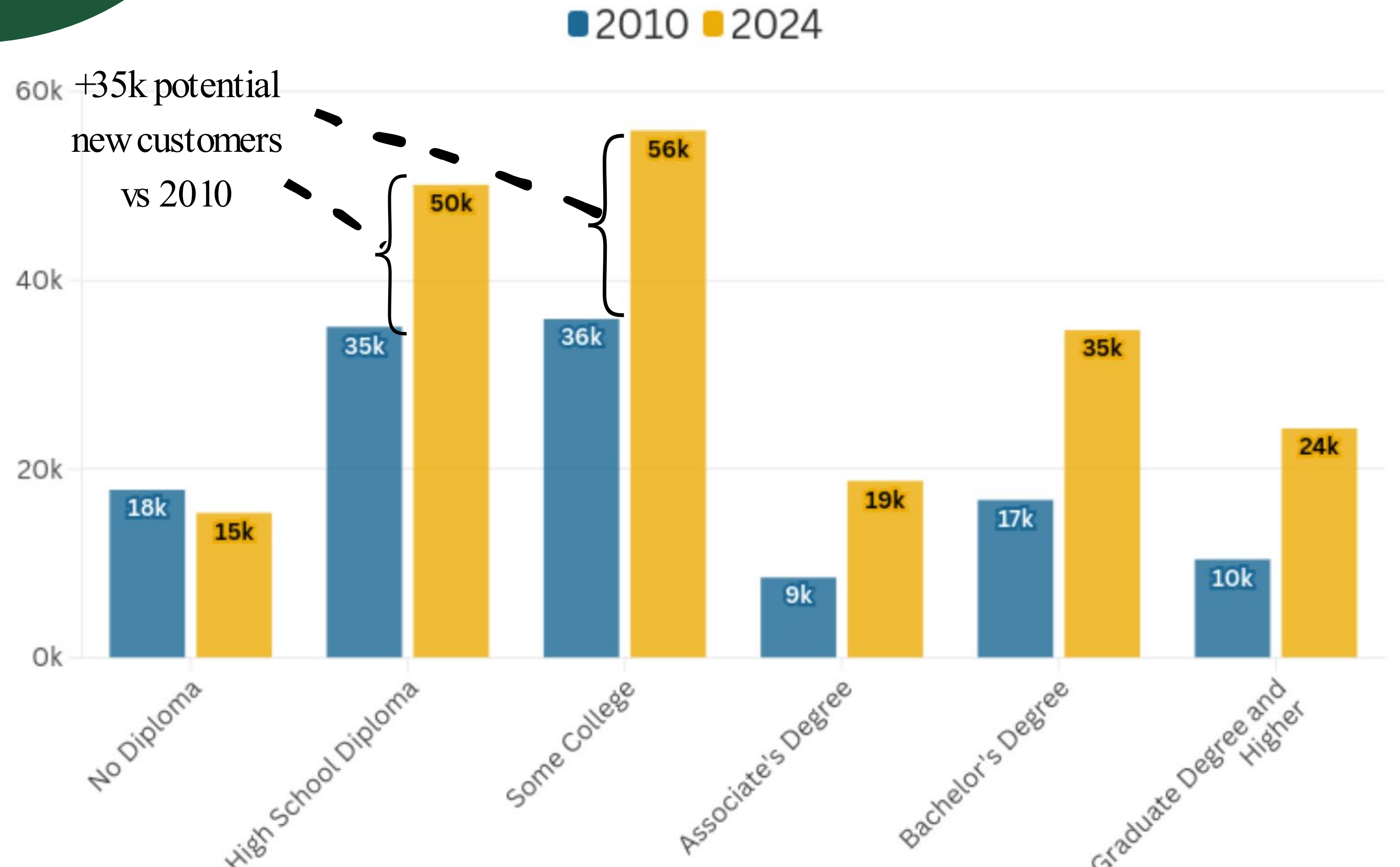
Race & Ethnicity: Current + Forecast



Yavapai Co. Median Age	
56	
Median Age by Ethnicity	
White (non-Hisp.)	58.1
Hispanic	32.4
Source: EASI estimate 1/1/2024	

Source: IRS Migration Data

Educational Attainment



Median HH Income: How do we compare?



= \$ 62,430



= \$ 72,581

+16% above YC



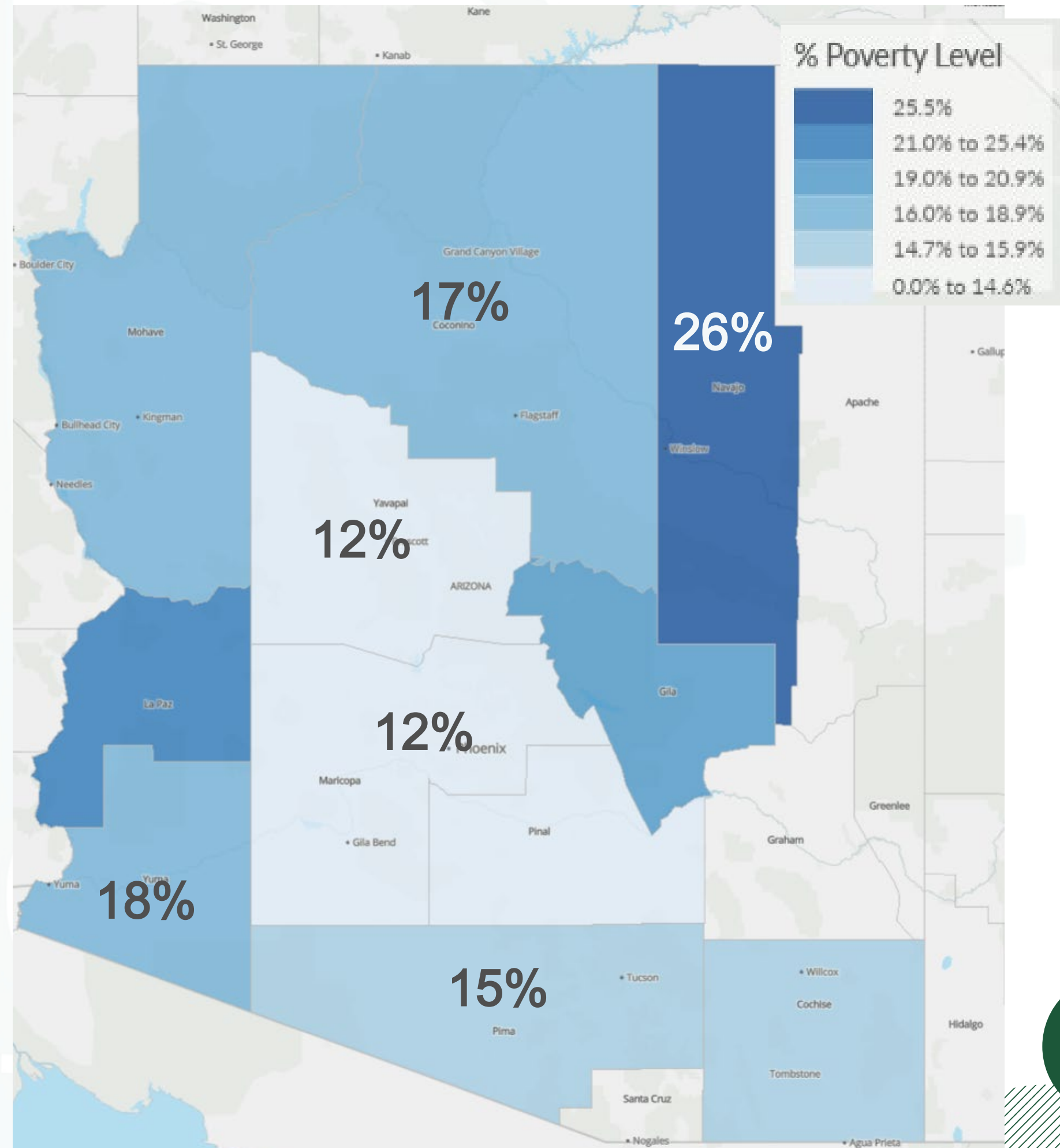
= \$ 75,149

+20% above YC

Poverty: Share of Population

U.S. Poverty Thresholds for the Year 2023

	Annual Income
One Person household	\$15,480
Two Person household	\$19,680
Three Person household	\$24,230
Four Person household	\$31,200
Five Person household	\$36,990
Six Person household	\$41,860



High School Students Eligible for Federal Funded Programs 2022-2023

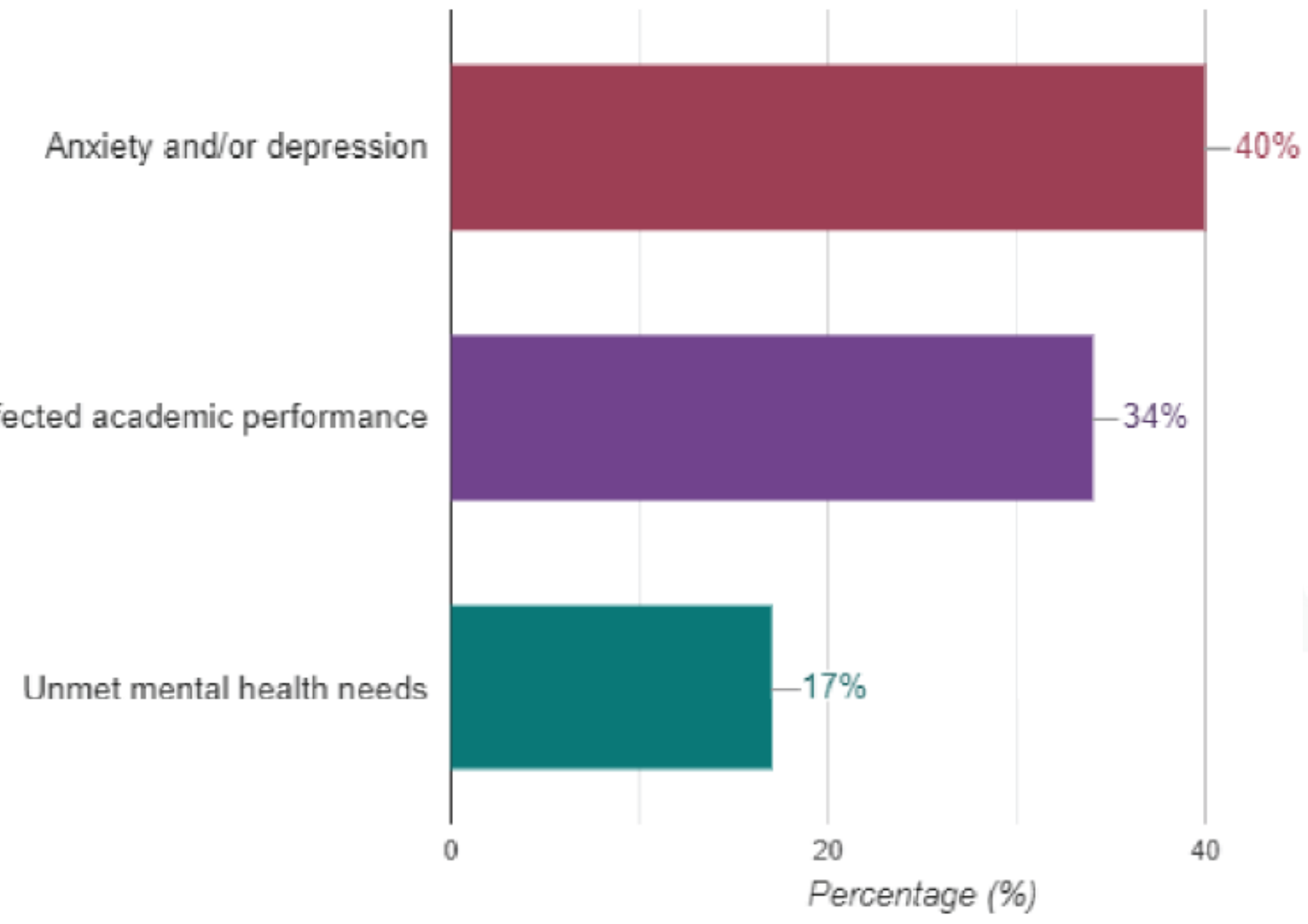
Select County High Schools	Student Count	Percent
Camp Verde High School	213	44%
Chino Valley High School	280	36%
Bradshaw Mountain High School	1057	63%
Mayer High School	126	64%
Mingus Union High School	512	42%
Prescott High School	292	20%
Sedona Red Rock Junior/Senior High School	284	59%

HOPE Survey (2024)

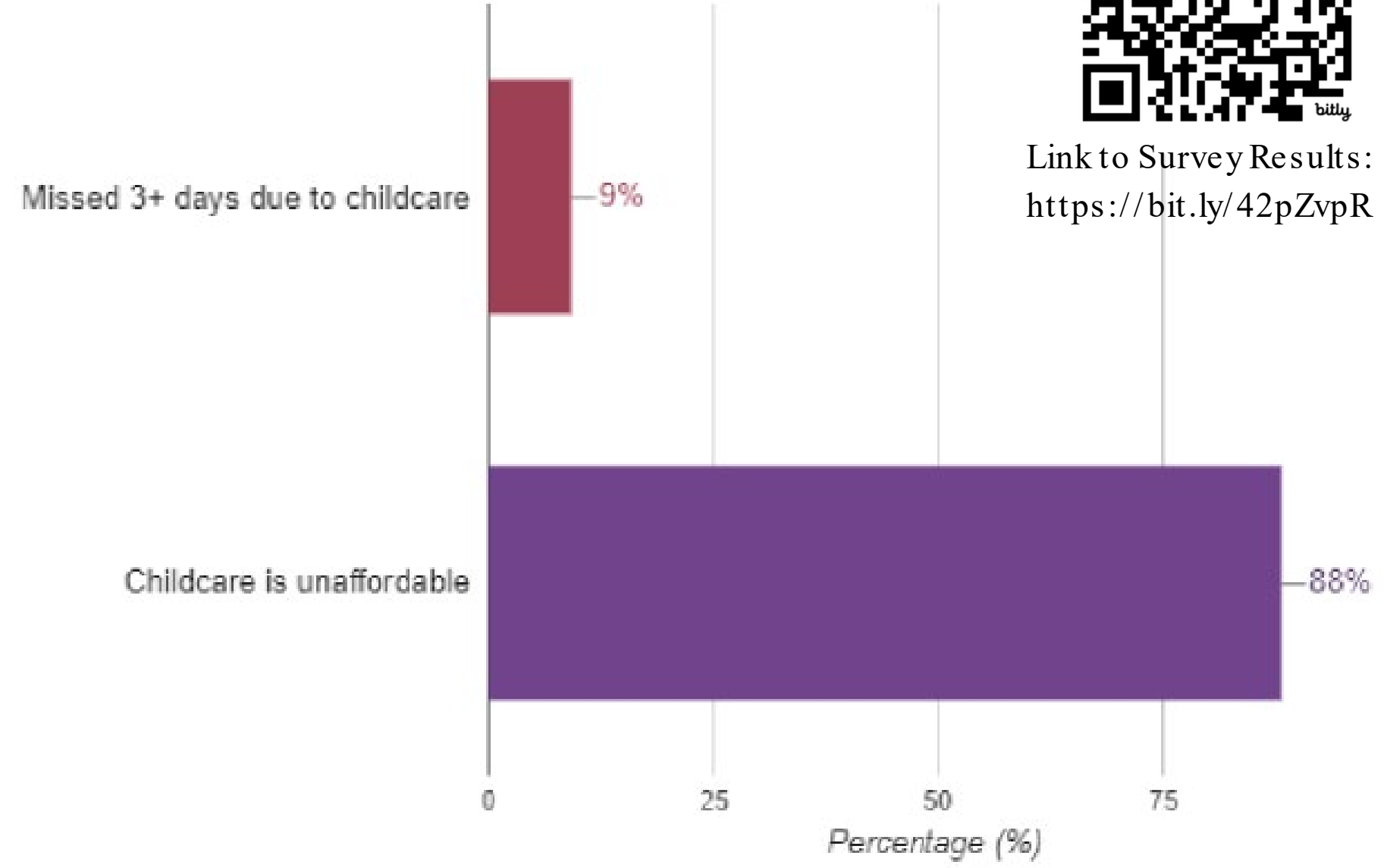


Link to Survey Results :
<https://bit.ly/42pZvpR>

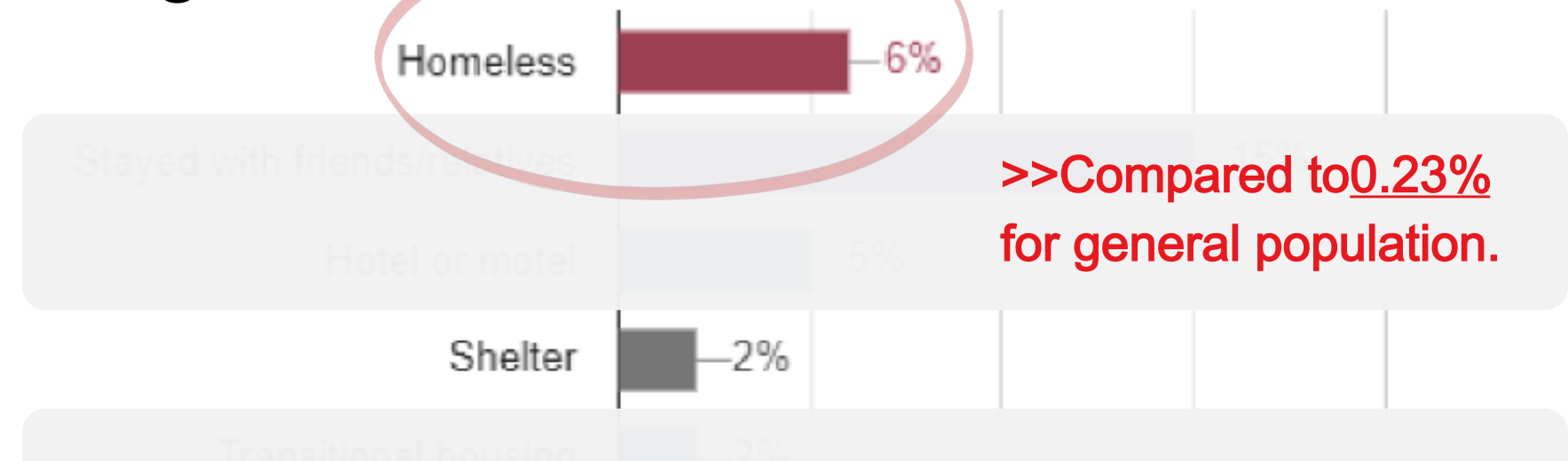
Mental Health



Childcare



Housing Issues



>>Compared to 0.23% for general population.

Healthcare: Doctors per Capita (age adjusted*)



= 1.21 doctors per 1000



= 2.03 doctors per 1000

+67% more than YC

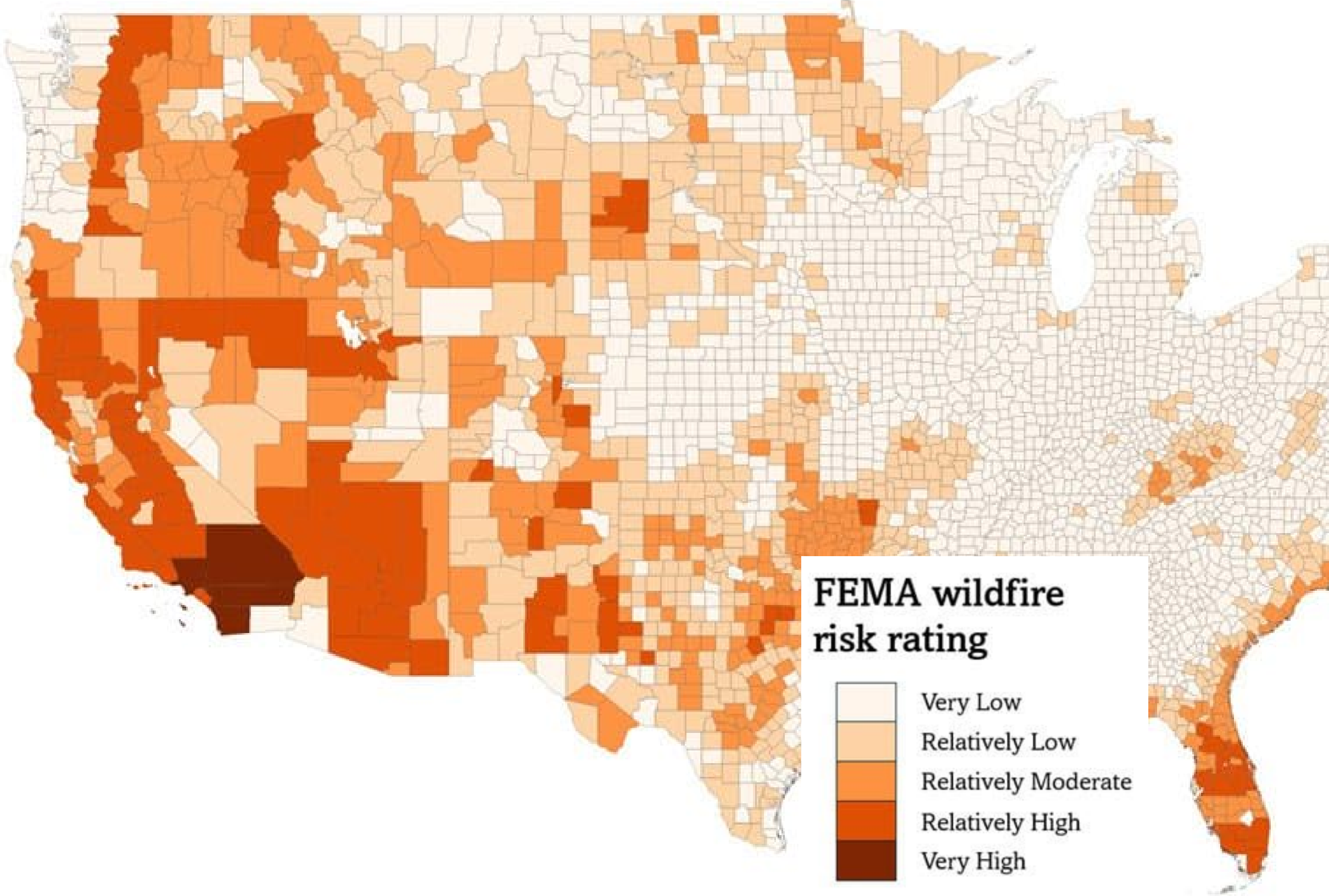


= 2.31 phys. per 1000

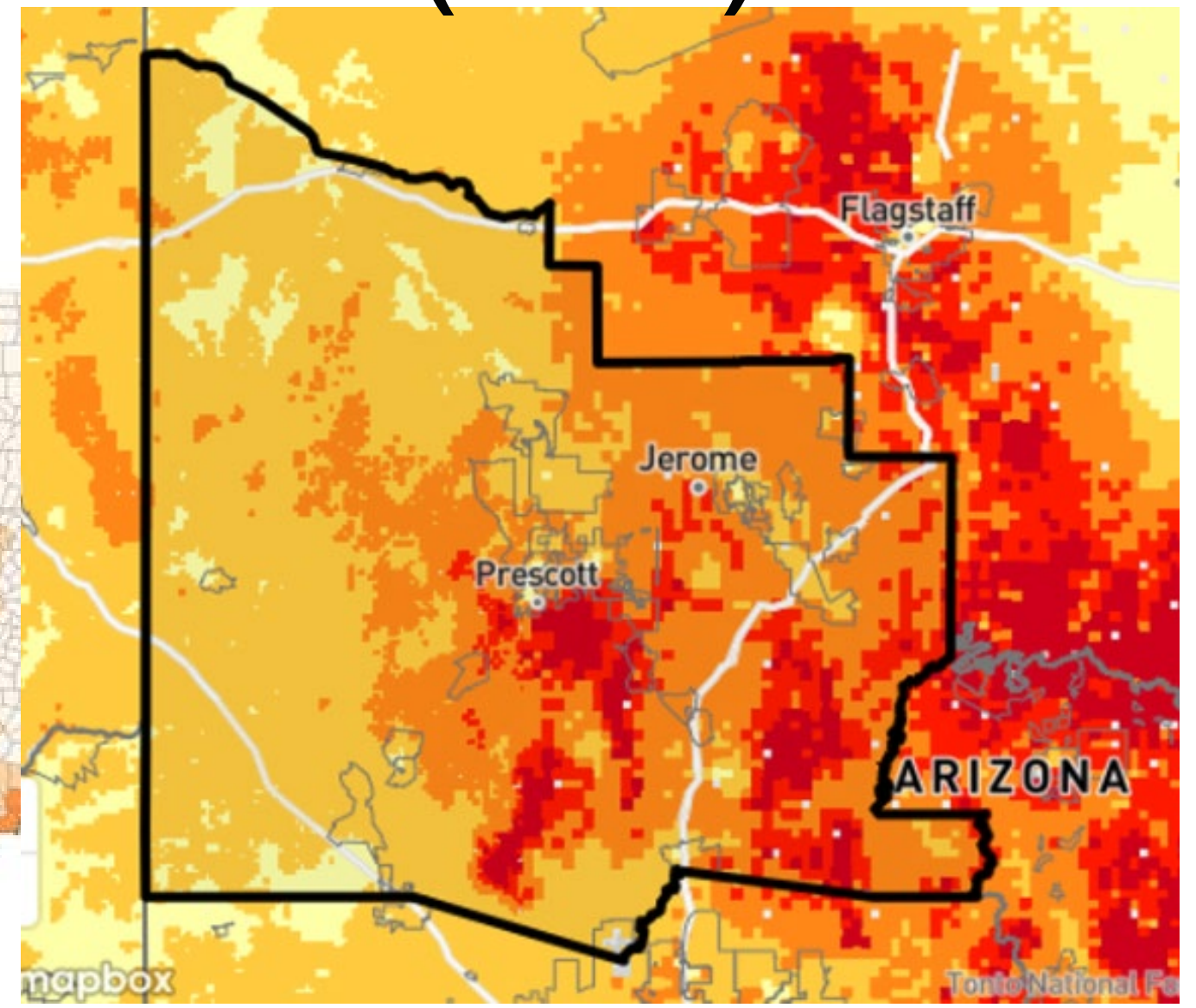
+91% more than YC!

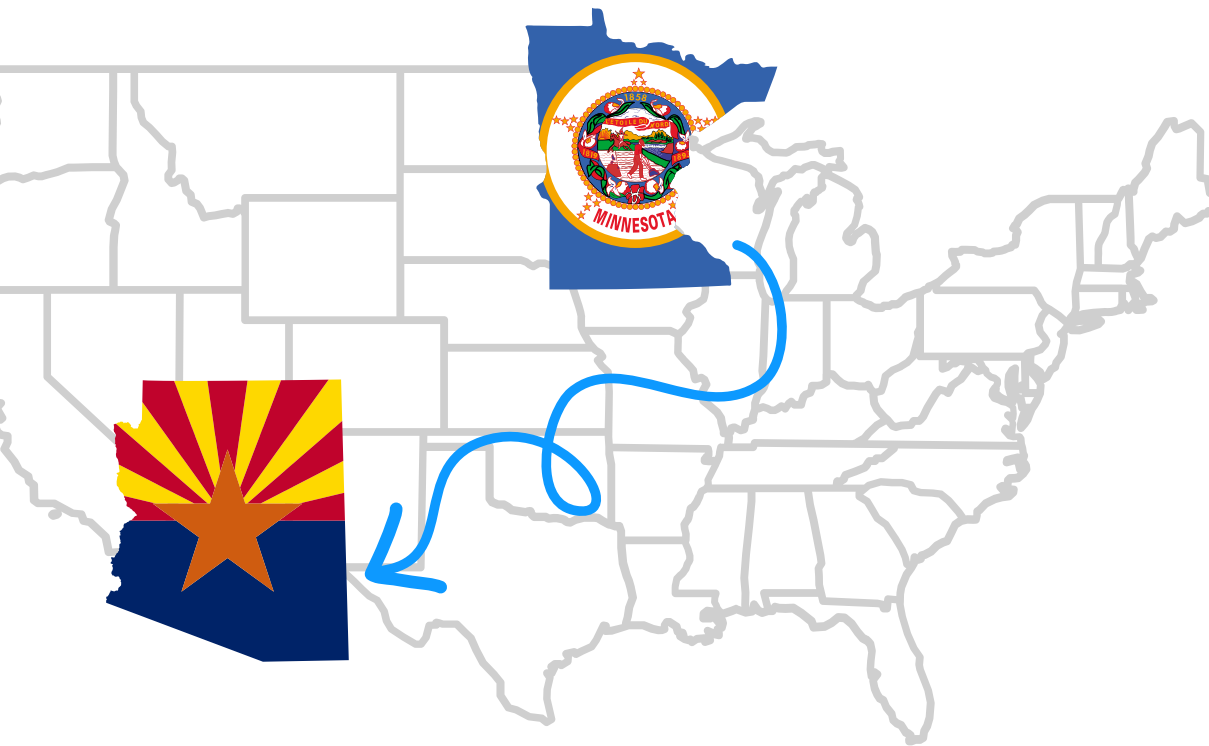
*This chart shows the number of doctors per 1,000 people, both raw and adjusted for the higher healthcare needs of elderly populations. Yavapai County's adjusted value (1.21) highlights the severe shortage, as its aging population places a much heavier demand on healthcare compared to state and national averages.

Wildfire Risk



Fire Risk to Structures (Local)





Cost of Living Index Calculator

Current Base Salary (\$)	48,000
Moving From	Minneapolis MN
Moving To	Prescott-Prescott Valley AZ

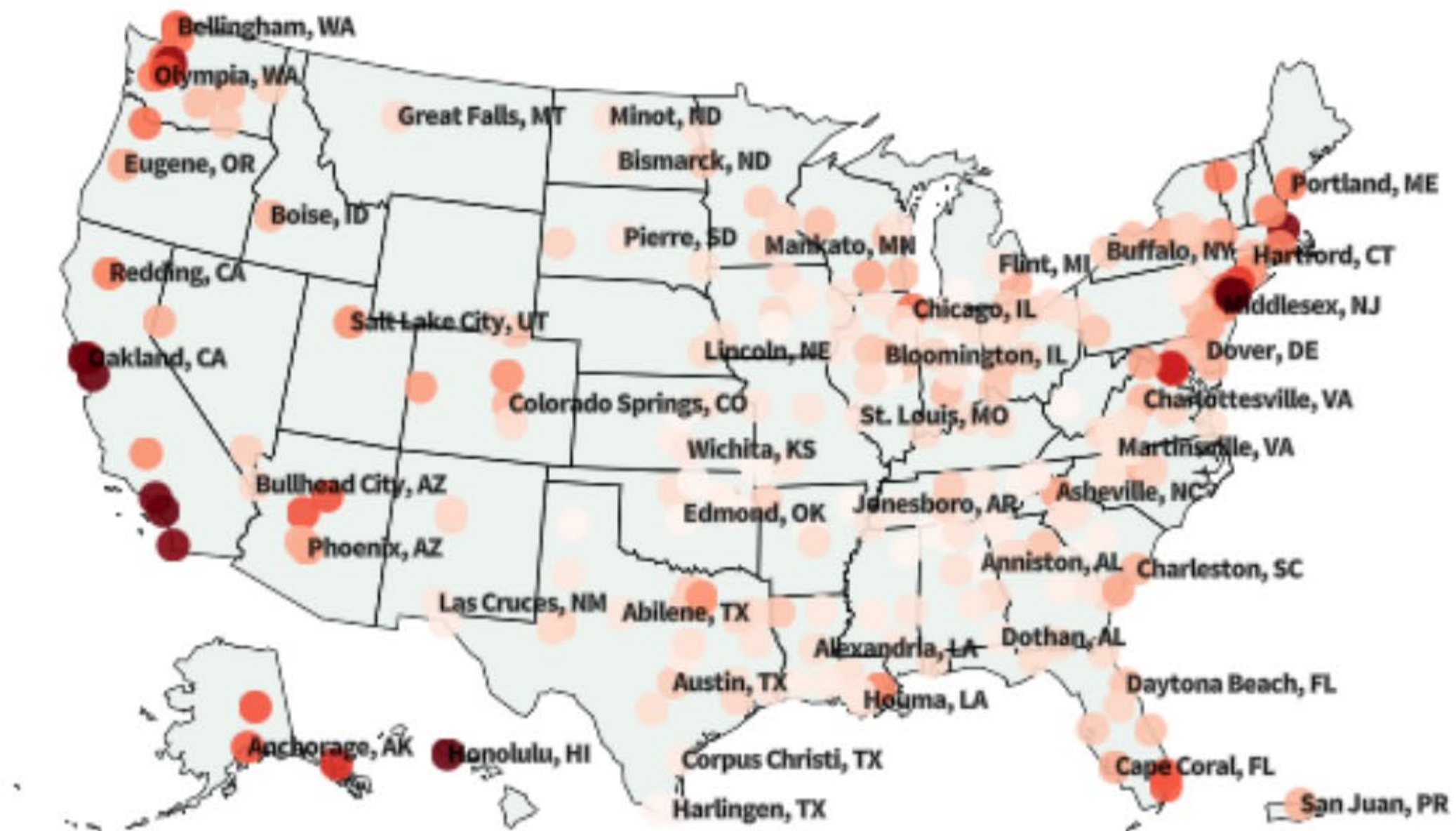
COLI Calculator Result

Based on the Income that you entered, if you are earning \$48,000.00 after tax in Minneapolis MN, the comparable after-tax income in Prescott-Prescott Valley AZ is \$61,267.88. Below are the index values and average prices of two areas as well as the national average:



If you move from Minneapolis MN to Prescott-Prescott Valley AZ		
Groceries will cost:		1.28% more
Housing will cost:	😱	89.26% more
Utilities will cost:		6.94% less
Transportation will cost:		9.41% more
Health will cost:		13.26% less

Cost of Living (COLI)



Salary Needed to Purchase Median Price Home (\$545k) in Yavapai County

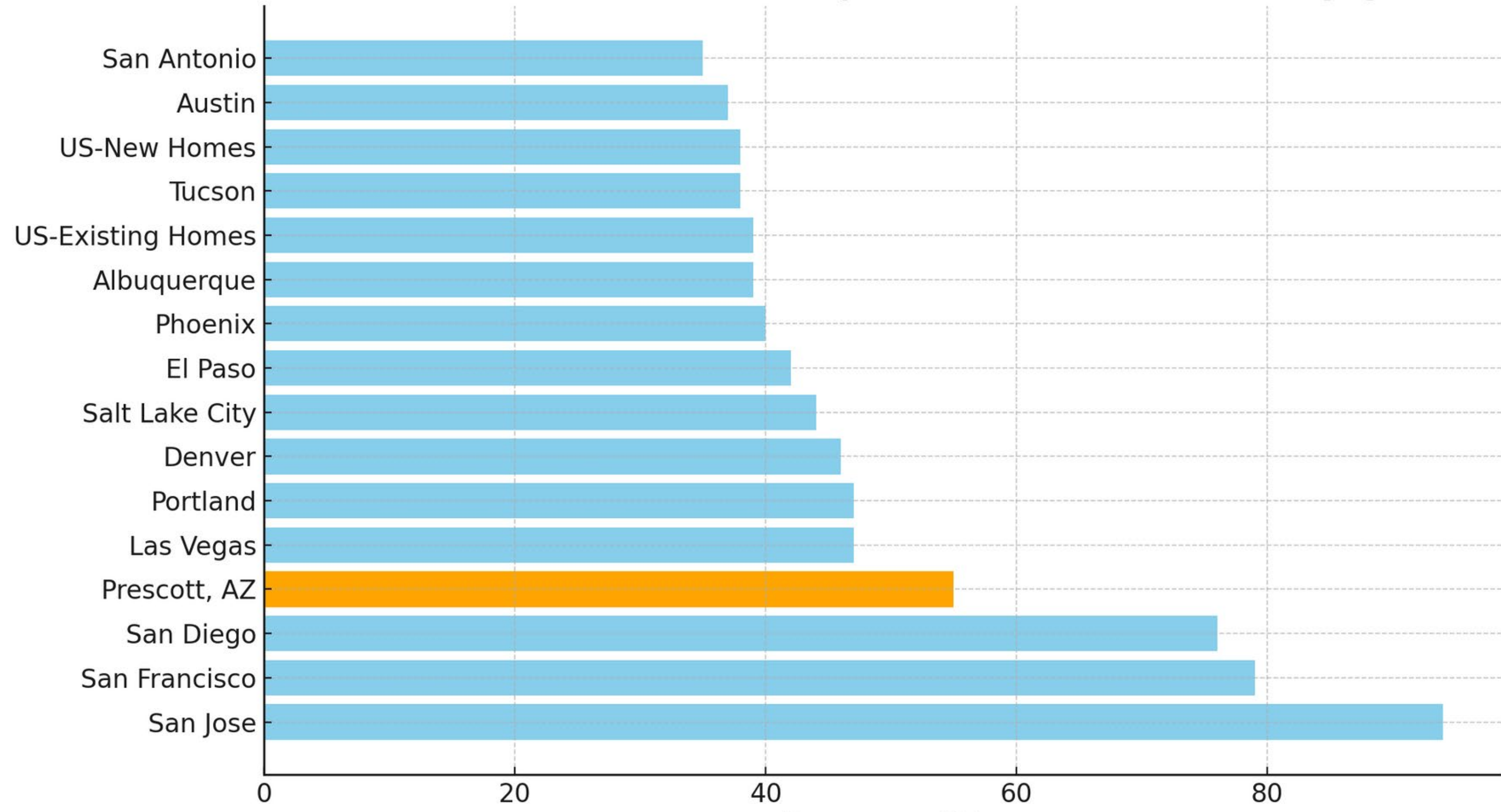
Required Annual Salary: \$133,521

Assumptions:

- *Home Price: \$545,000*
- *Down Payment: \$10,000*
- *Interest Rate: 7.11% (30 year fixed)*
- *Debt-to-Income (DTI) Ratio: 40%*
- *Property Taxes: 0.59% annually (Yavapai County average)*
- *Homeowners Insurance: 0.5% annually*
- *PMI: 0.8% annually (down payment < 20%)*

Cost of Housing Index (CHI) Q2 2024

Share of Local Median Family Income Needed for a Mortgage



Source: NAHB/ Wells Fargo Cost of Housing Index

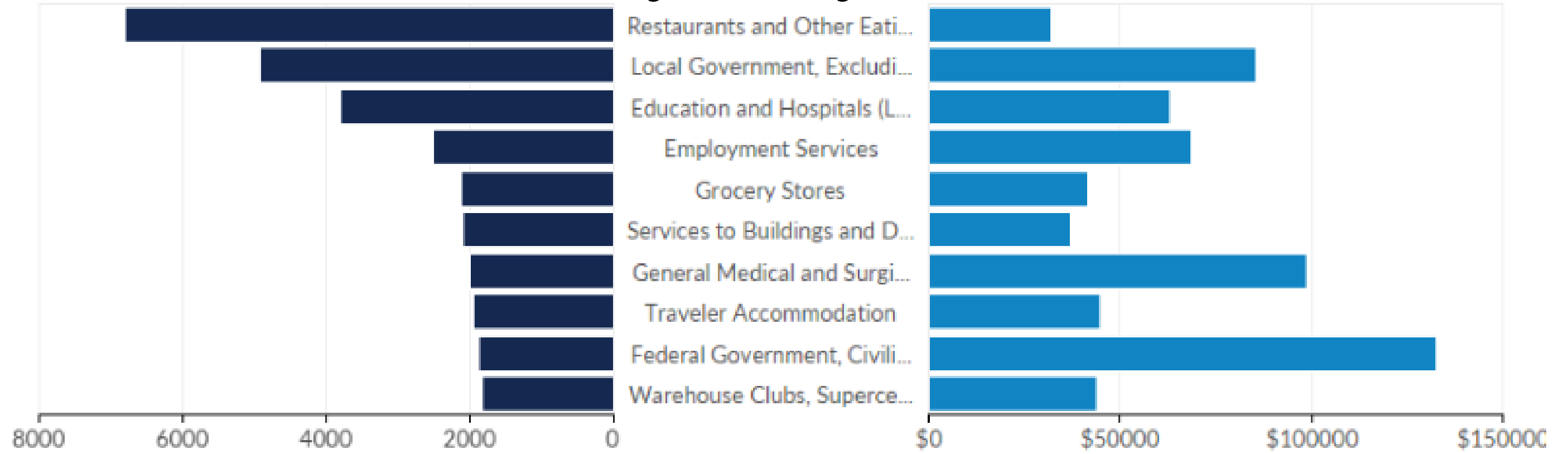
*Prescott figures estimated by Ryan Jones at Yavapai College

Industry Analysis

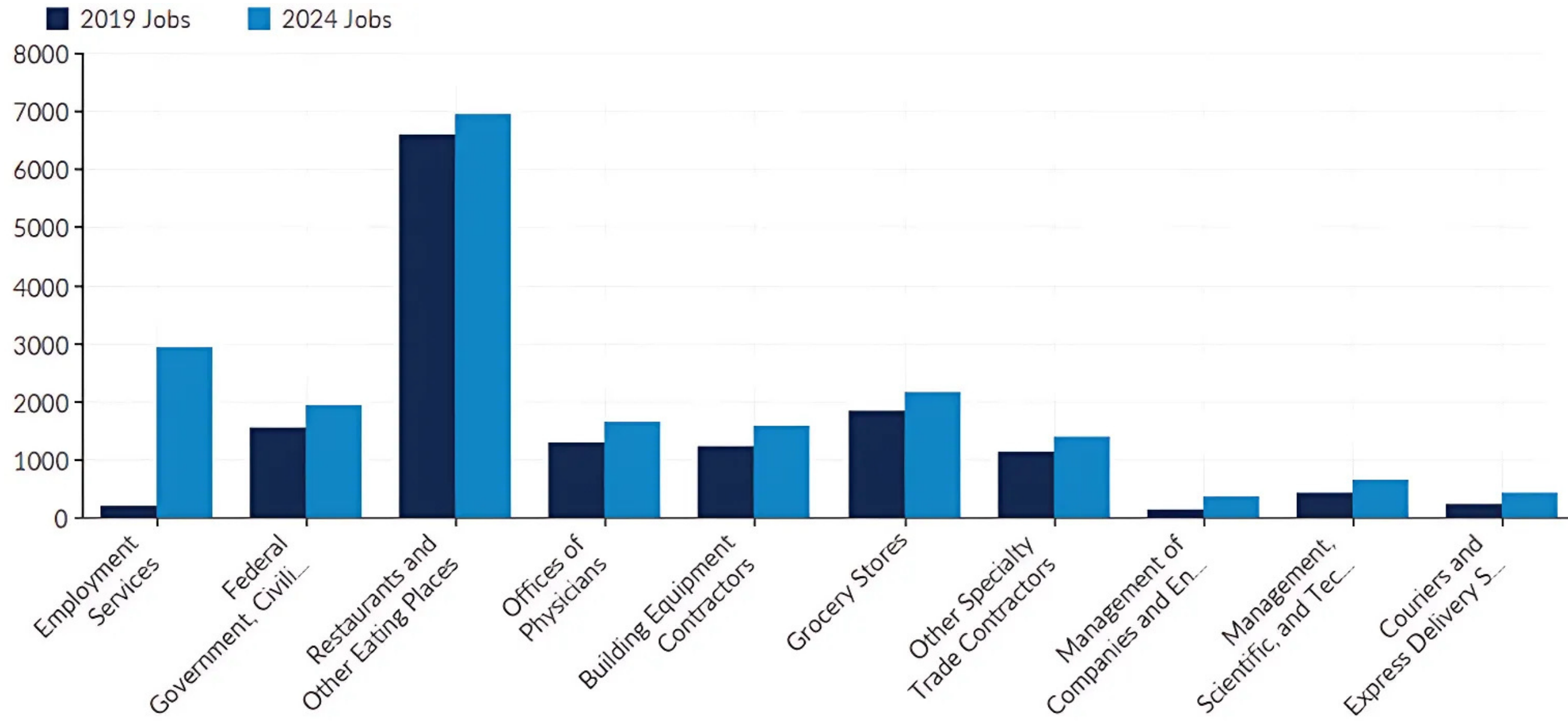
2023 Jobs

2023 Earnings Per Worker

Largest Industries



Fastest Growing



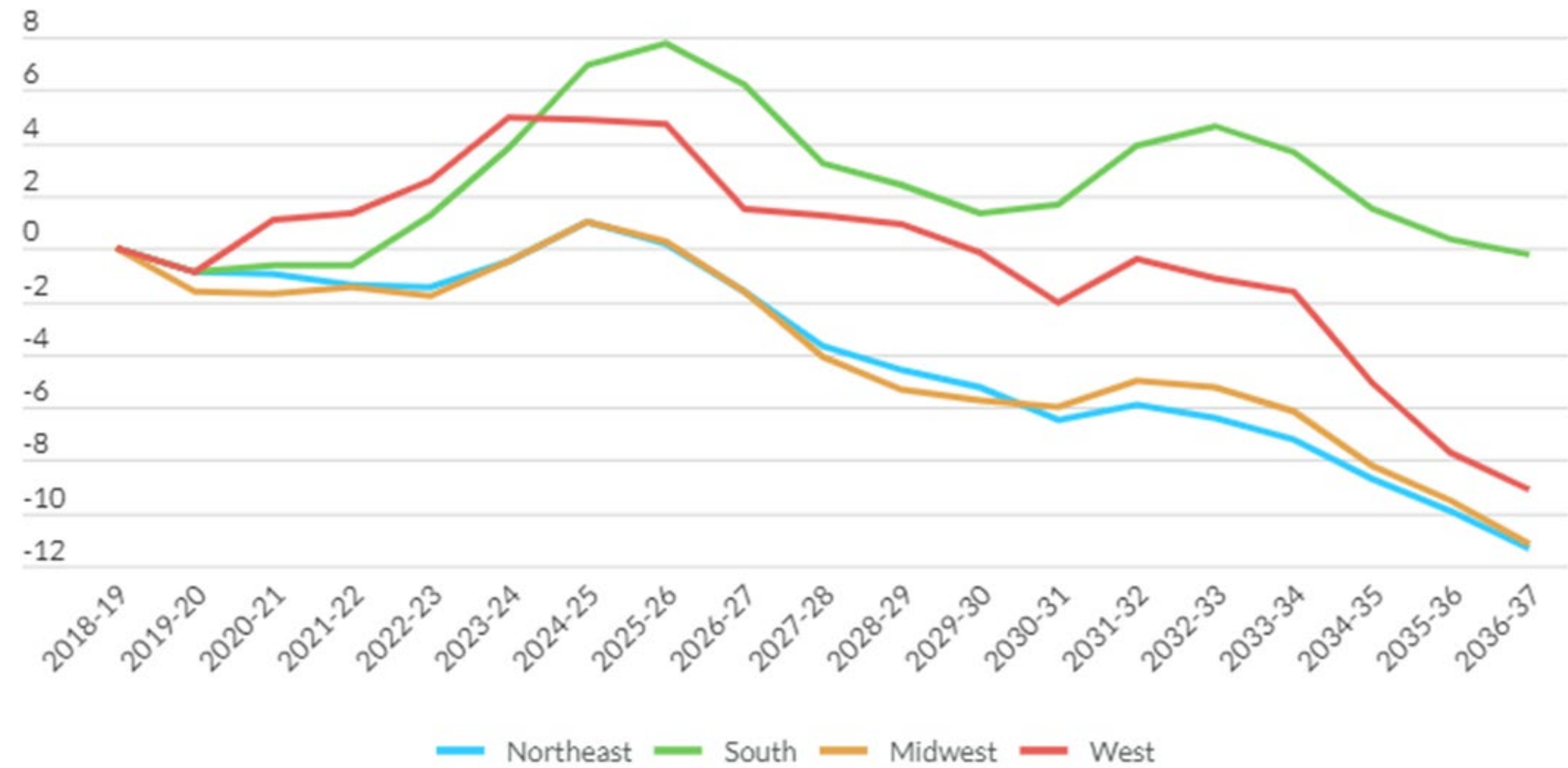
Industry Analysis: Top Occupations

Requiring a College Degree, Cert., & Earning a “Living Wage”

Occupation	2018 Jobs	2023 Jobs	Chg in Jobs (18-23)	% Δ	Median Earnings
General & Ops Mgrs	1,529	2,698	1,169	76%	\$34.95
Registered Nurses	1,308	1,518	210	16%	\$43.76
Elem & Mid Sch Tchrs	781	877	96	12%	\$23.41
Postsec Teachers	707	971	264	37%	\$36.87
Counselors	578	532	(46)	-8%	\$24.10
Sales Reps	496	467	(29)	-6%	\$30.60
Managers	469	569	101	22%	\$30.07
Accnts & Audtrs	456	614	158	35%	\$34.39
Childcare Admins	427	523	95	22%	\$41.20
Therapists	403	459	56	14%	\$40.17
Secondary Tchrs	392	434	42	11%	\$25.56
Social Workers	382	454	72	19%	\$25.28
Diagnostic Techs	268	330	62	23%	\$38.31
Mgmt Analysts	245	327	81	33%	\$31.74
Constr Managers	243	378	135	55%	\$37.07
Lawyers & Clerks	239	296	58	24%	\$46.37
Physicians	231	257	26	11%	\$134.30
Health Serv Mgrs	226	302	75	33%	\$48.82
Comp Supp Specs	226	362	137	61%	\$27.71
Eng Techs	203	146	(57)	-28%	\$28.46
HR Workers	199	307	108	54%	\$29.42
Logistics Specs	196	430	233	119%	\$39.40
Lab Techs	190	95	(95)	-50%	\$31.52
Writers & Edtrs	188	199	10	6%	\$22.45
Software Devs	187	302	115	62%	\$47.75
Equip Mech/Reprs	173	120	(52)	-30%	\$23.49
Fin Managers	167	197	30	18%	\$42.12

Enrollment Cliff

High School Graduates Expected to Decline 11% by 2036 in the North and Midwest Versus 2018-2019 Academic Year



Sources: Fitch Ratings; Western Interstate Commission for Higher Education, Knocking at the College Door: Projections of High School Graduates, 2020
Note: Data for 2018-19 academic year is combination of Reported and Projected Values.

Trend on Enrollment by School Type

Year-over-year percent changes to undergraduate enrollment by institution type

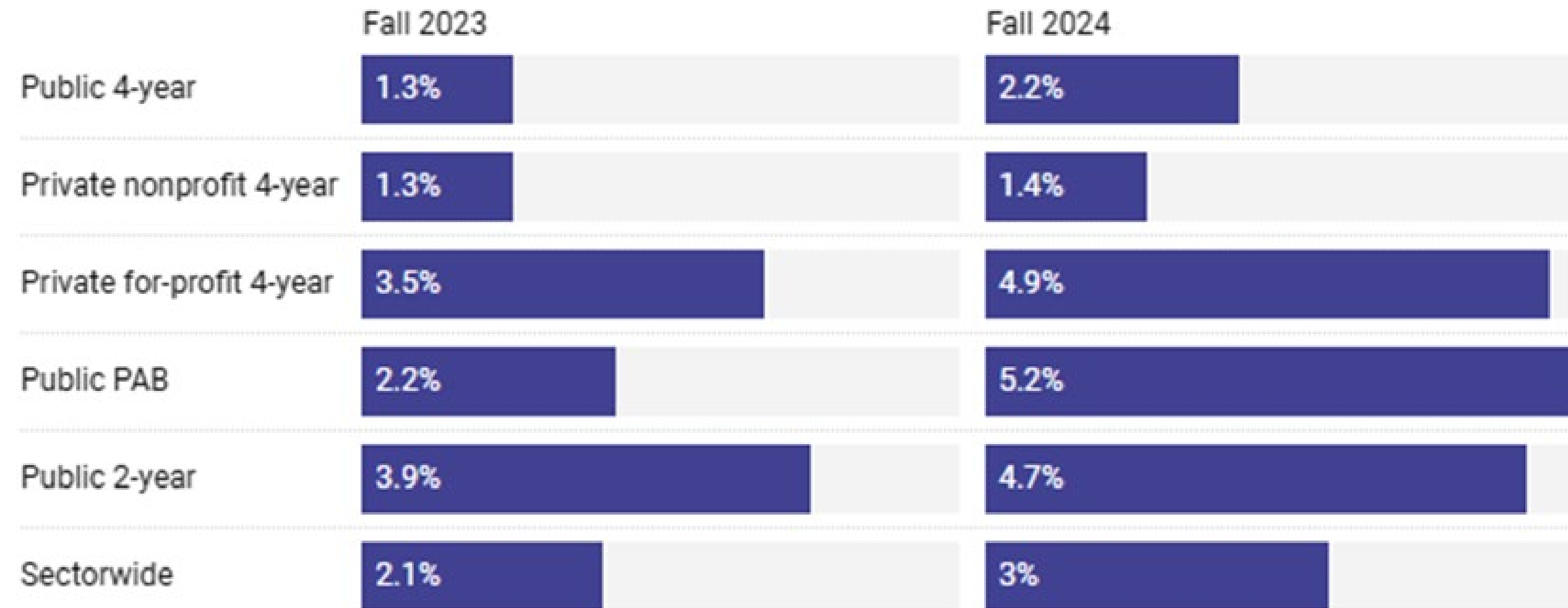


Chart: Laura Spitalniak/Higher Ed Dive • Source: [National Student Clearinghouse Research Center](#) • [Get the data](#) • Created with [Datavrapper](#)

Yavapai College Enrollment for Fall 2024:

- +7.2% in student credit hours.
- +3.2% in total students enrolled.
- Notable Trends:
 - New student enrollment is up, aligned with national trends.
 - 18-24-year-old enrollment increased by 2.9%, bucking the national decline.

K-12 Education Trends

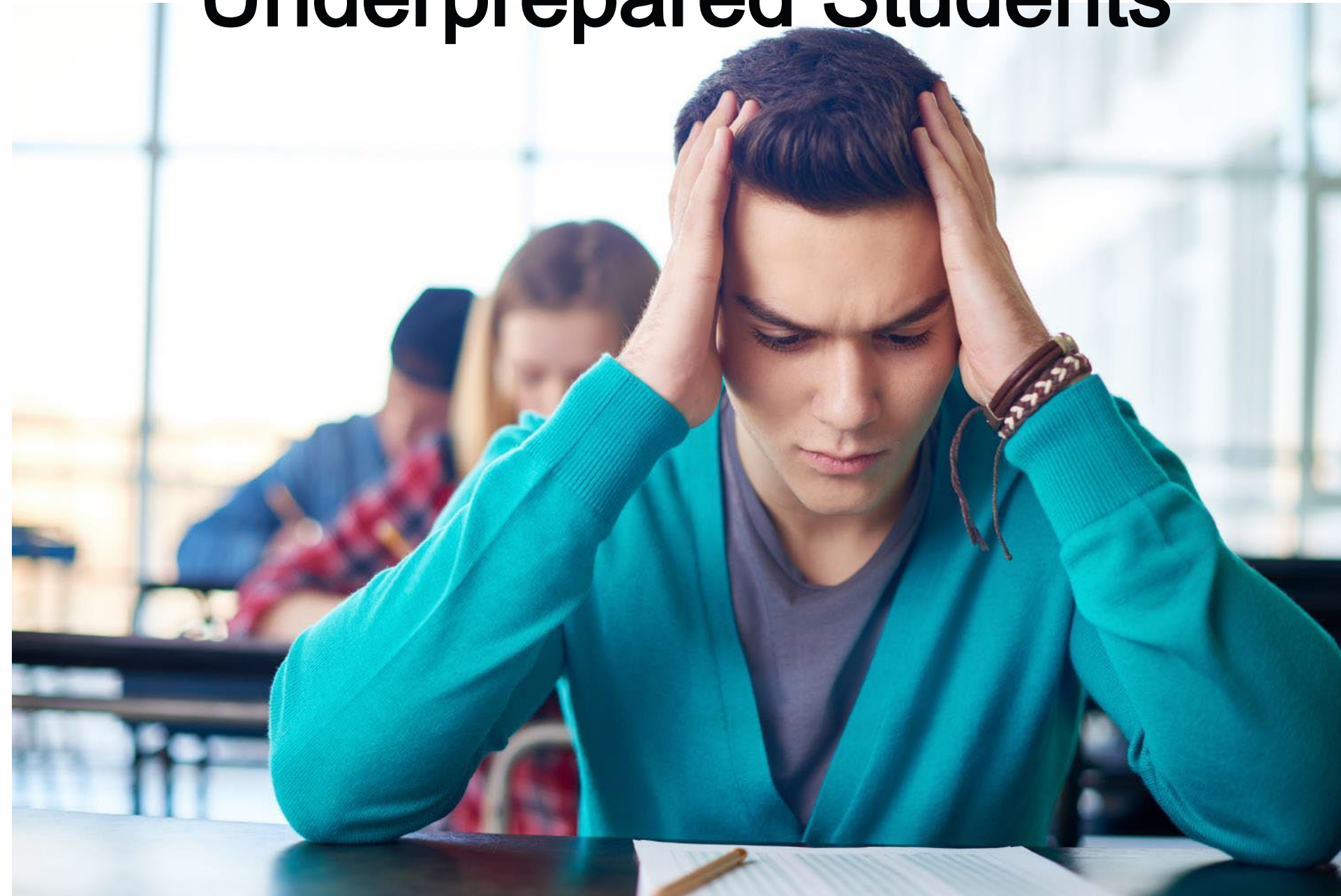
Teacher Pay

Expenditures per Student

Arizona Ranking	Arizona Pay	U.S. Pay
46th	\$60.3K	\$69.6K
48th	\$11,321	\$16,281

Yikes!

Underprepared Students

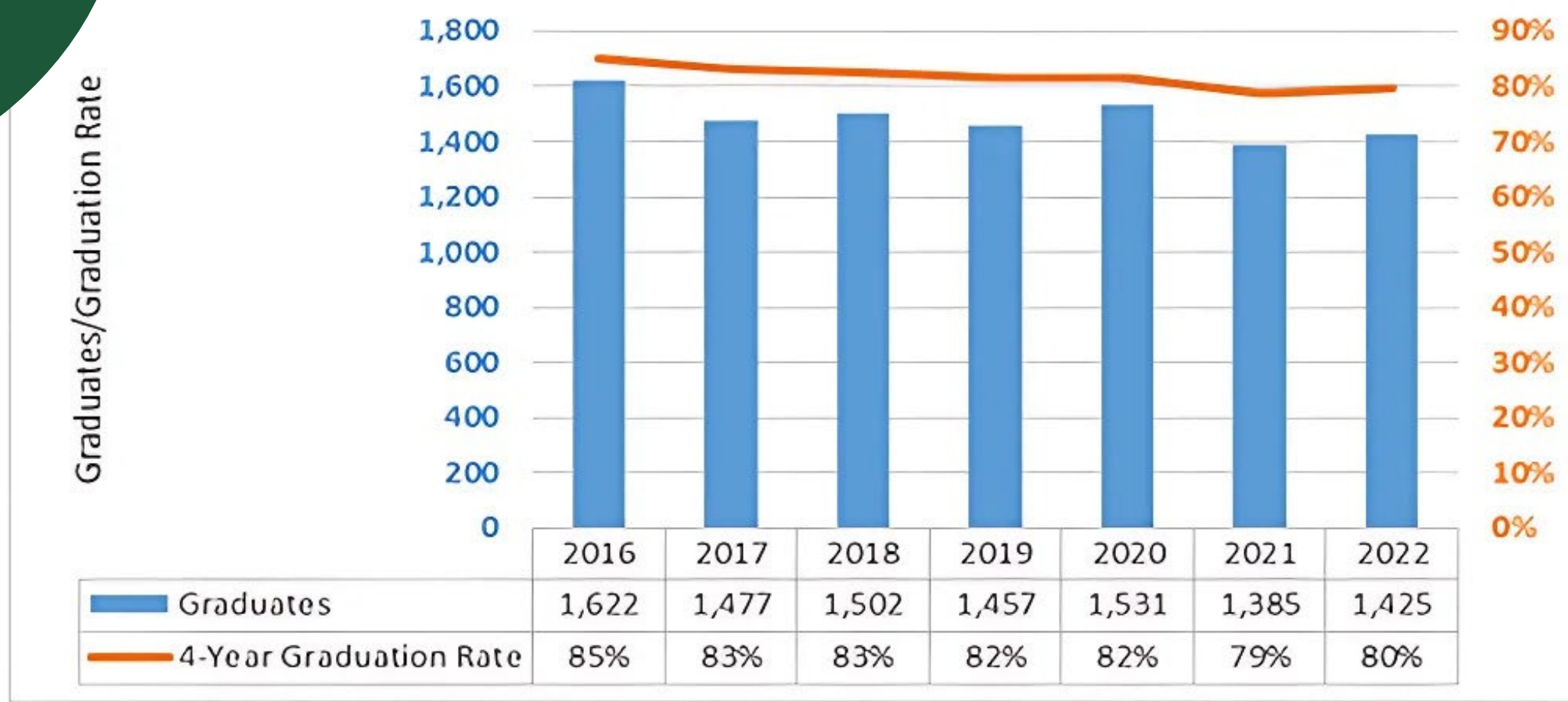


Average ACT Scores for the Graduating Class of 2024

Region/Benchmark	English	Reading	Mathematics	Science
The ACT Test Benchmark (College Proficient)	18.0	22.0	22.0	23.0
Arizona	16.8	17.9	17.7	17.8
National	19.4	20.1	19.0	19.6

Education

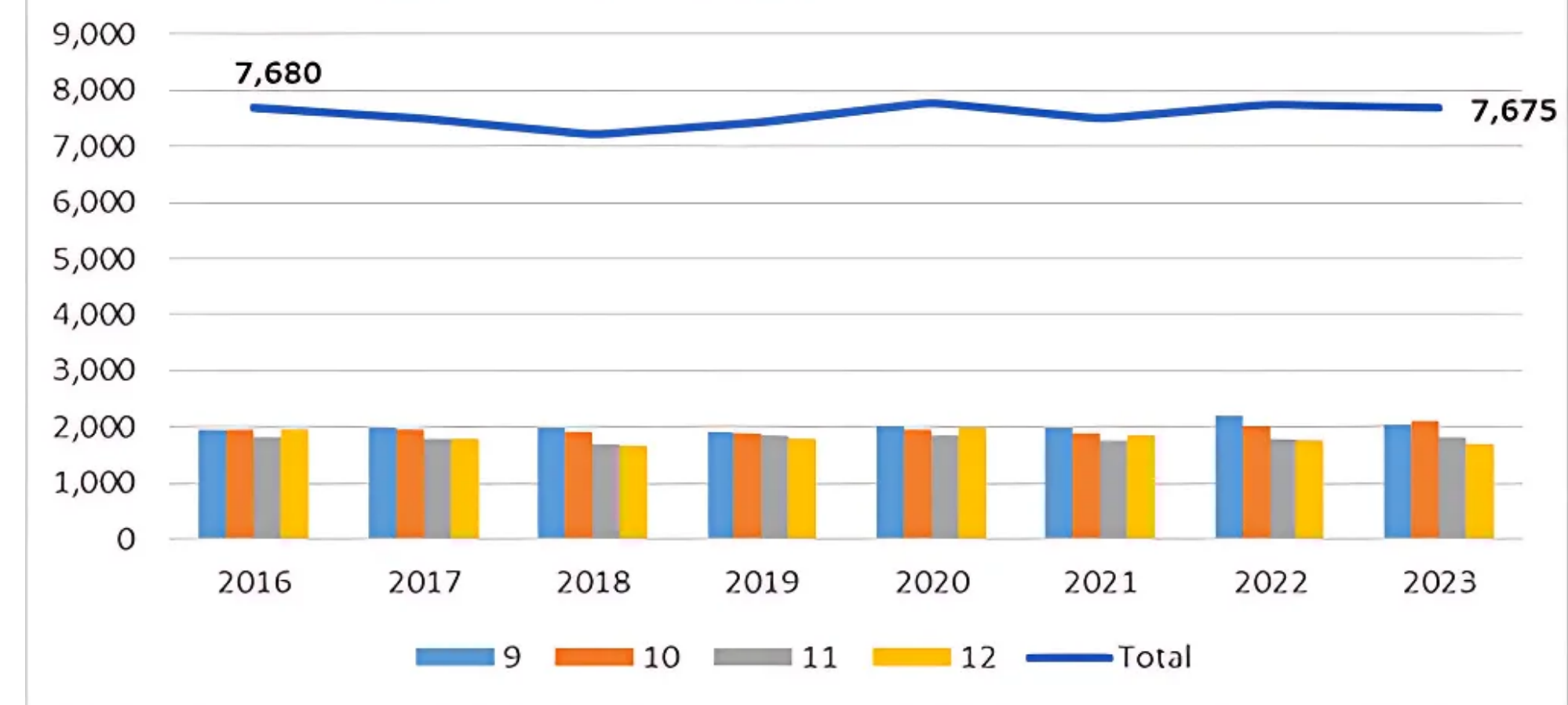
Yavapai County High School 4-Year Graduates



Flat enrollment despite >10% growth over the period!

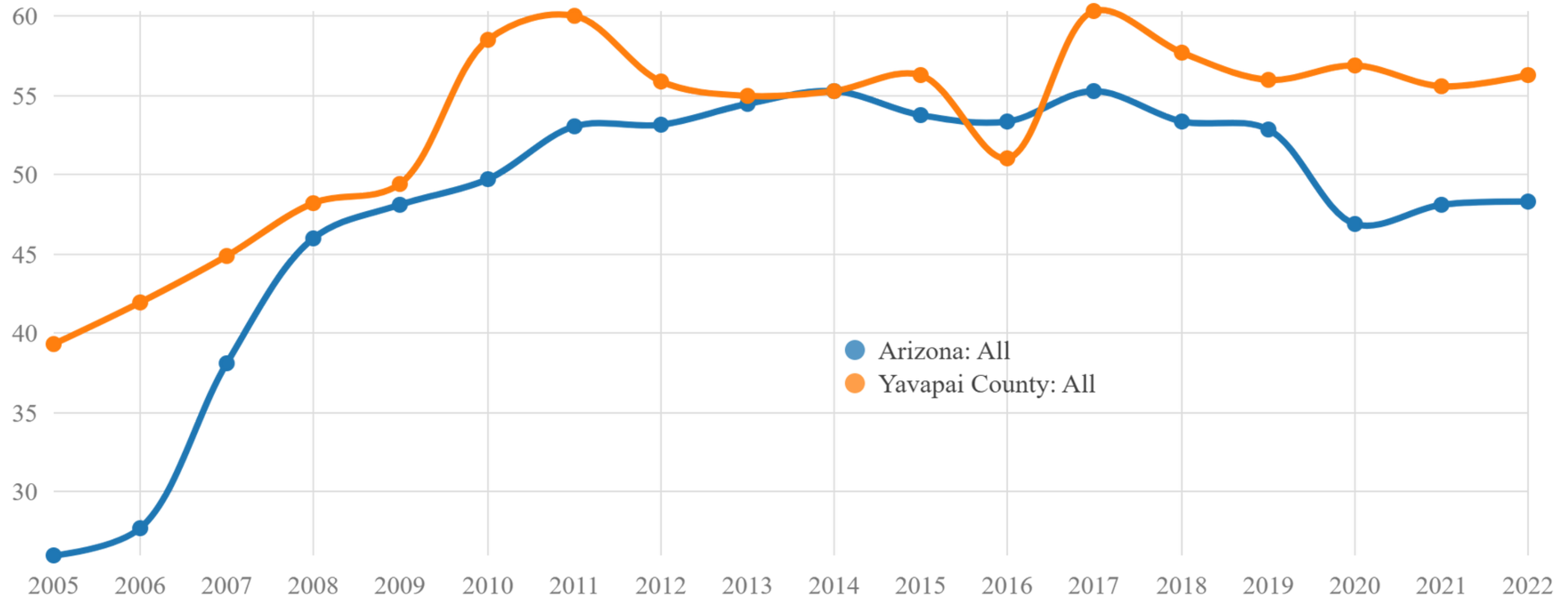
Source: Arizona Department of Education

Yavapai County High School Enrollment Trend



Source: Arizona Department of Education - Arizona October 1 Enrollment Figures

College-Going Rates: Percent of HS grads enrolled in postsecondary education the year after graduating HS



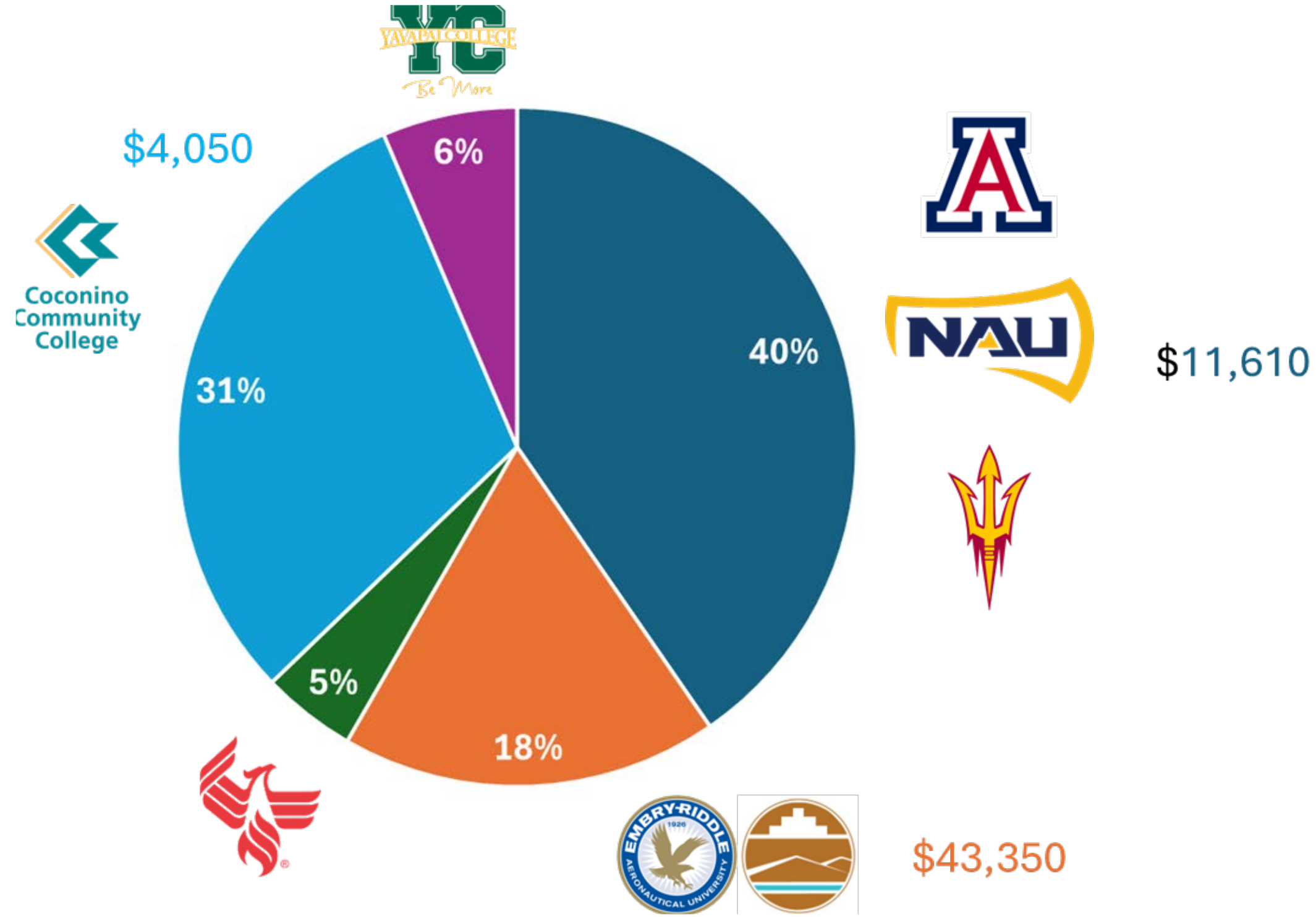
Education

Competition



Long Beach City College and Arizona State University Partner to Offer Transfer Pathways with MyPath2ASU™ Collaboration

Undergraduate College Enrollment by Sector Unduplicated Headcount (2024)



■ 4 Yr Public ■ 4 Yr Private Non-profit ■ 4 Yr Private For-profit ■ 2 Yr Public ■ 2 Yr PAB

Artificial Intelligence: Labor Market Overview

Out of 10 US Workers...

- **SIX** workers will have at least 10% of their tasks impacted by GPT technology.
- **TWO** workers will have over 50% of their tasks impacted by GPT.



FEBRUARY 2025

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Thank
You!

PRESENTED BY:

Ryan M. Jones

INSTITUTIONAL EFFECTIVENESS AND RESEARCH (IER)

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