

An Overview of Tucson's Manufacturing Sector



MAP MAKING ACTION POSSIBLE
for Southern Arizona

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“Rethinking Tucson: A Manufacturing City?”

- **How important is manufacturing to Tucson’s economy today?**
- **Has the role of manufacturing in the region changed over time?**
- **Which specific manufacturing sectors contributed the most employment opportunities in Tucson?**
- **Are manufacturing wages in Tucson higher or lower than the national average?**
- **How do you think manufacturing’s role differs between counties like Maricopa and Pima?**



MAKING ACTION POSSIBLE
for Southern Arizona



Tucson's Economy & Manufacturing at a Glance



**KEY SECTORS:
GOVERNMENT,
TRADE,
TRANSPORTATION
AND UTILITIES,
PRIVATE EDUCATION
AND HEALTH
SERVICES**



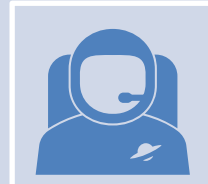
**MANUFACTURING
= 15.1% OF
TUCSON'S GDP
(2023)**



**EMPLOYS 7.1% OF
WORKFORCE
(28,800 JOBS) – 6TH-
LARGEST
SUPERSECTOR**



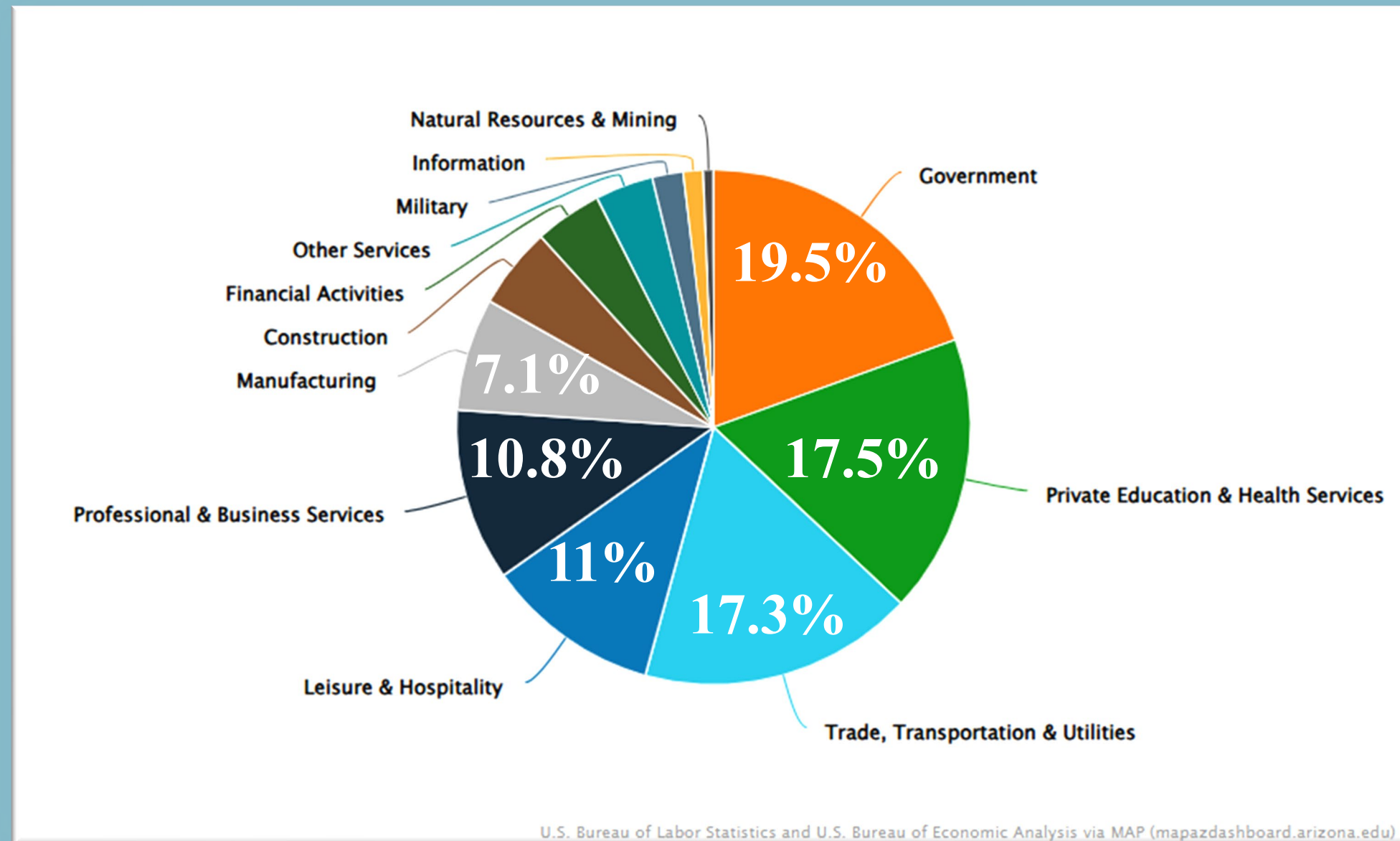
**AVERAGE WAGE
PER WORKER IN
MANUFACTURING:
\$106,129**



**TOP SUBSECTOR:
TRANSPORTATION
EQUIPMENT (INCL.
AEROSPACE AND
DEFENSE)**



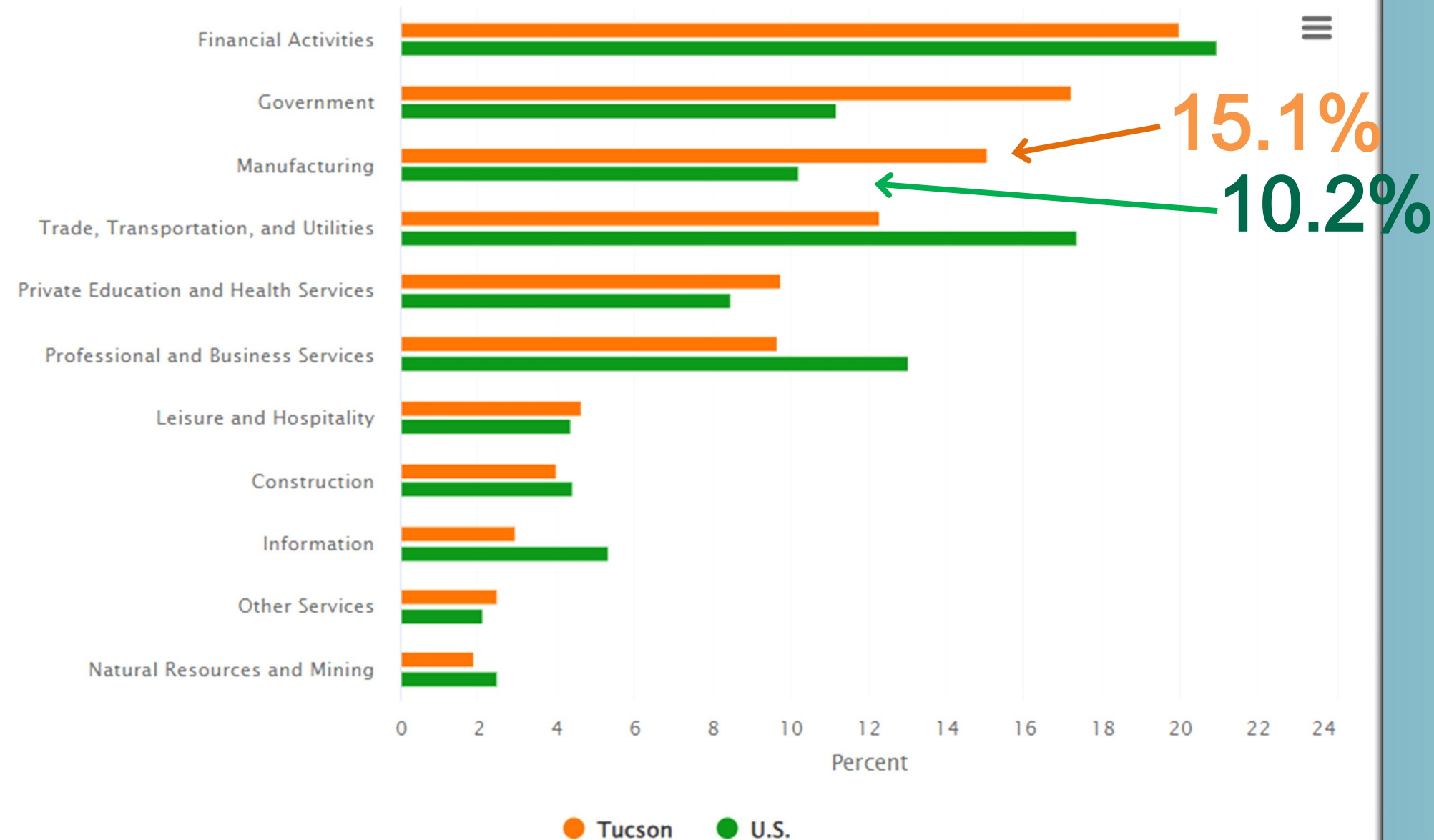
Tucson Employment Shares in Manufacturing (2024)





Manufacturing's Contribution to GDP (2023)

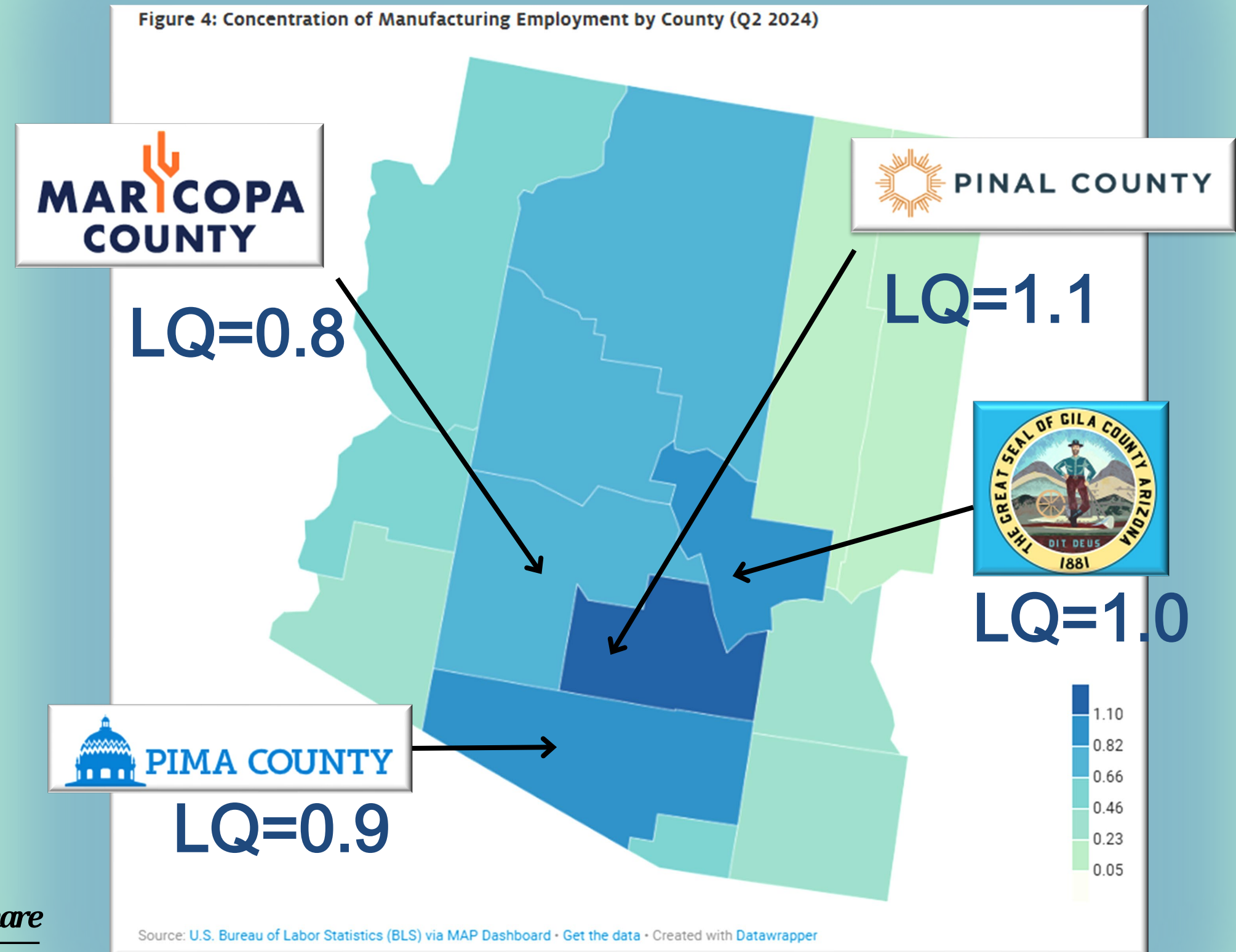
Figure 3: Tucson MSA and U.S. Industry Shares of GDP in 2023



U.S. Bureau of Economic Analysis via MAP (mapazdashboard.arizona.edu)

Manufacturing Employment: Location Quotient Analysis (Q2 2024)

$$L.Q = \frac{\text{County Employment Share}}{\text{U.S. Employment Share}}$$



Manufacturing Employment U.S. & Arizona

•+35,600 jobs in Arizona since 2015

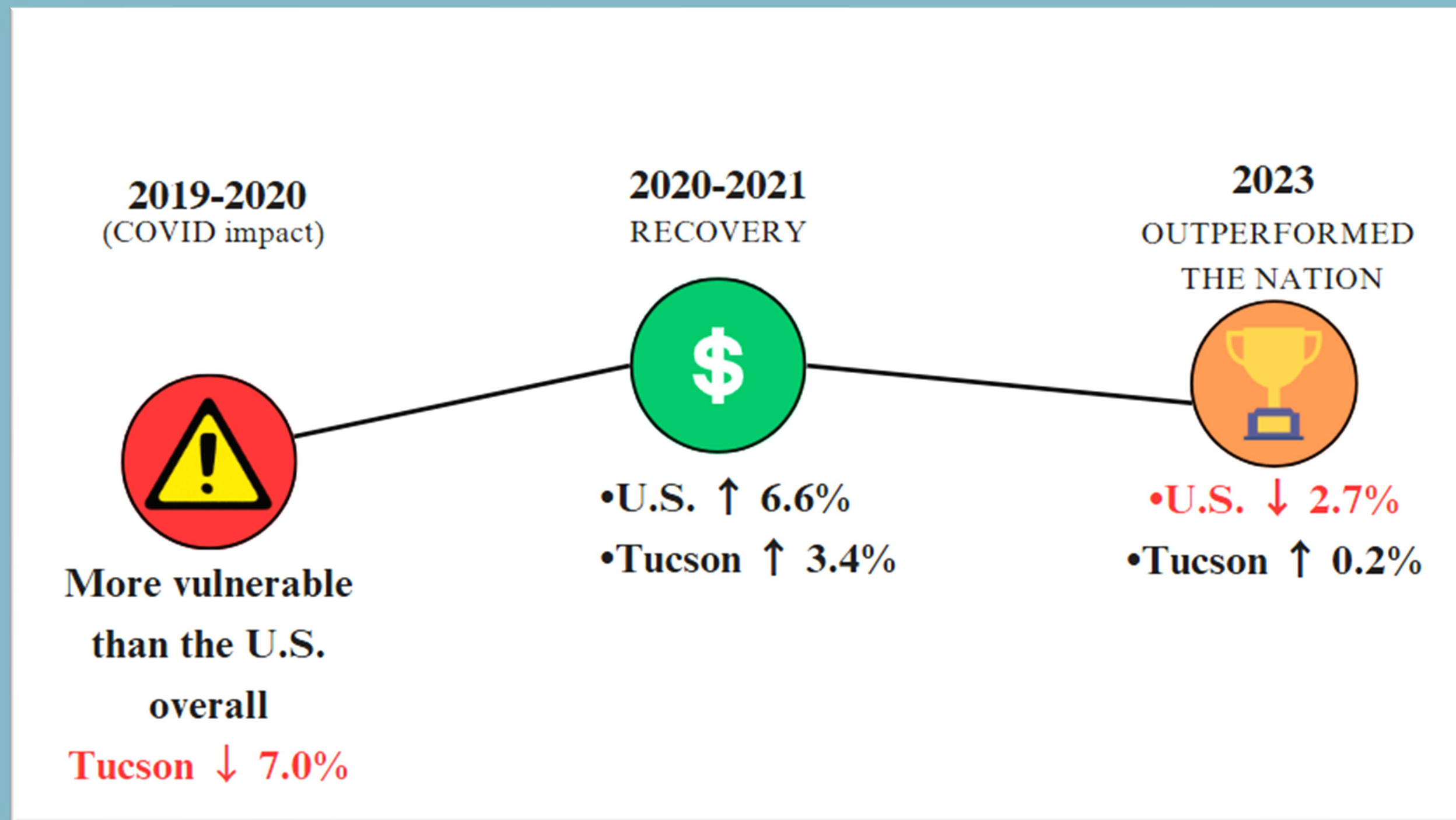


+4.1%



+22.5%

Challenges and Resilience in Tucson's Manufacturing



Wages per Worker (2023)

INDUSTRY SECTOR	TUCSON WAGES	U.S. AVERAGE WAGES	DIFFERENCE	PERCENTAGE GAP
Overall	\$ 57,444	\$ 72,608	\$ (15,164)	-20.9%
Manufacturing	\$ 106,129	\$ 82,575	\$ 23,554	22.2%
Natural Resources & Mining	\$ 87,218	\$ 70,255	\$ 16,963	19.4%
Construction	\$ 60,794	\$ 77,171	\$ (16,377)	-26.9%
Trade, Transportation, and Utilities	\$ 45,651	\$ 60,270	\$ (14,619)	-32.0%
Information	\$ 90,244	\$ 154,901	\$ (64,657)	-71.6%
Financial Activities	\$ 71,252	\$ 118,892	\$ (47,640)	-66.9%
Professional and Business Services	\$ 66,091	\$ 97,305	\$ (31,214)	-47.2%
Education and Health Services	\$ 57,132	\$ 62,696	\$ (5,564)	-9.7%
Leisure and Hospitality	\$ 27,440	\$ 31,765	\$ (4,325)	-15.8%
Other Services	\$ 46,914	\$ 50,702	\$ (3,788)	-8.1%
Local Government	\$ 63,729	\$ 70,750	\$ (7,021)	-11.0%

Tucson Manufacturing Jobs & Wages per Worker (2023)

	JOBS	ANNUAL WAGES PER WORKER
Total Manufacturing	28,213	\$106,129
Transportation Equipment	13,358	\$132,356
Computer and Electronic Products	3,207	\$124,641
Fabricated Metals Products	2,763	\$124,641
Machinery	1,555	\$108,896
Miscellaneous	1,380	\$68,031



Manufacturing Growth: Is the Future Already Here?

Arizona Manufacturing Growth



**JOBS AND
ACTIVITY
PROJECTED TO
RISE**



**DRIVEN BY
TSMC & INTEL
INVESTMENTS**



**SUPPLY CHAIN
CO-LOCATING IN
ARIZONA**



American Battery Factory – Tucson



**2M SQ. FT. GIGAFACTORY
UNDER CONSTRUCTION**



**WILL
CREATE
1,000 JOBS**



**BRINGS \$1.2B IN
CAPITAL
INVESTMENT**



**BOOSTS
ARIZONA'S
CLEAN
ENERGY
ECONOMY**



**PHASE 1
COMPLETION
EXPECTED BY
2025**





What's Next?

**MAP Dashboard will keep
tracking the data!**

