

Arizona

Energy Efficiency Jobs in America

42,638

Total Jobs

What are EE Jobs?

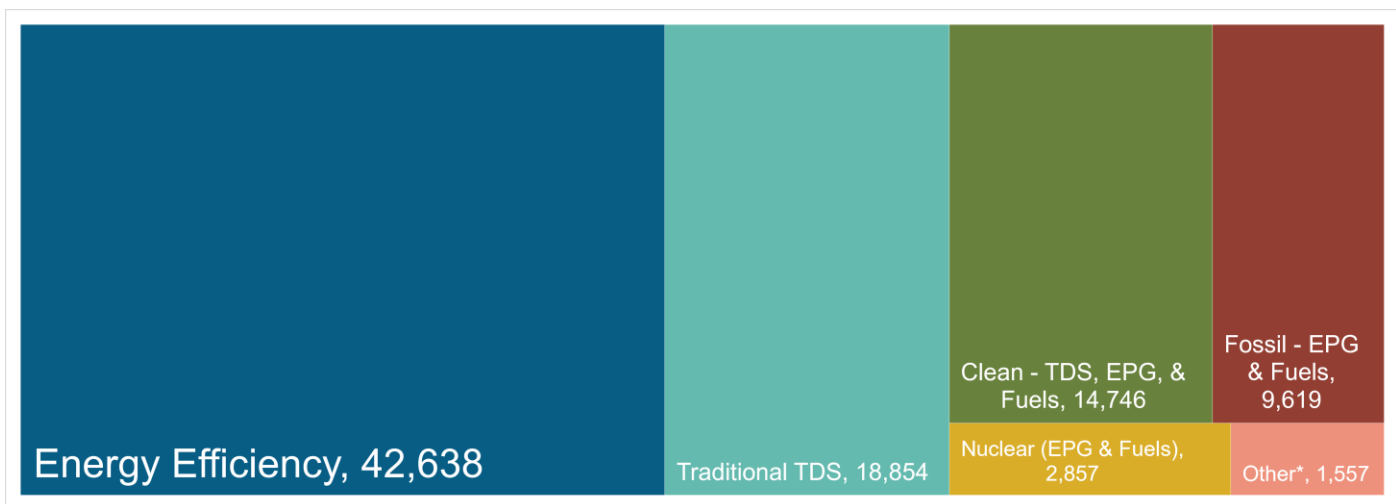
Jobs that deliver goods and services that lower energy use by improving energy efficiency – with a focus on appliances, buildings, data systems, financing, new technologies, and more.

What do EE workers do?

- **Manufacture and install** high efficiency systems, controls, windows, insulation and ENERGY STAR-certified appliances and products in existing and new homes, commercial & industrial buildings.
- **Design and construct** high performance buildings such as those earning LEED certification.
- **Upgrade and repair** heating, air conditioning and ventilation (HVAC) and water heating equipment.
- **Educate** property owners and managers on building improvements to unlock savings for businesses, homeowners, schools, states, municipalities, military bases and more.
- **Analyze building data** using software to maximize energy savings through targeted performance improvements and behavioral changes.
- **Review and approve loans** to finance energy savings performance contracts to improve the comfort, health and operational costs of buildings.

How does EE compare in Arizona?

Energy Efficiency is the largest energy sector in Arizona.

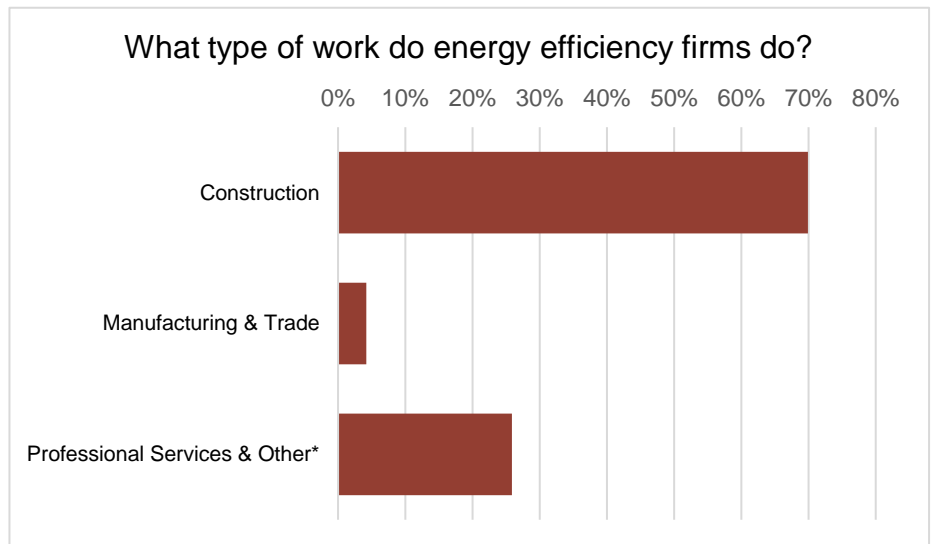
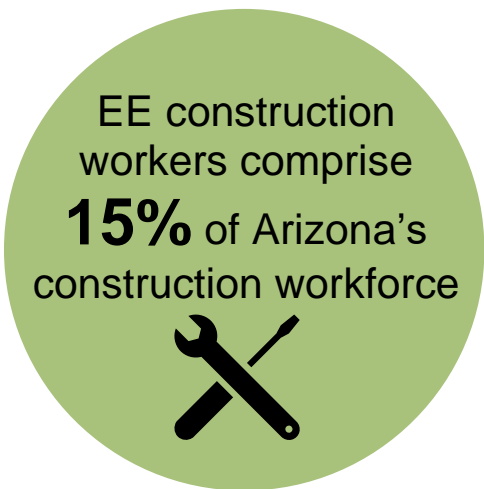
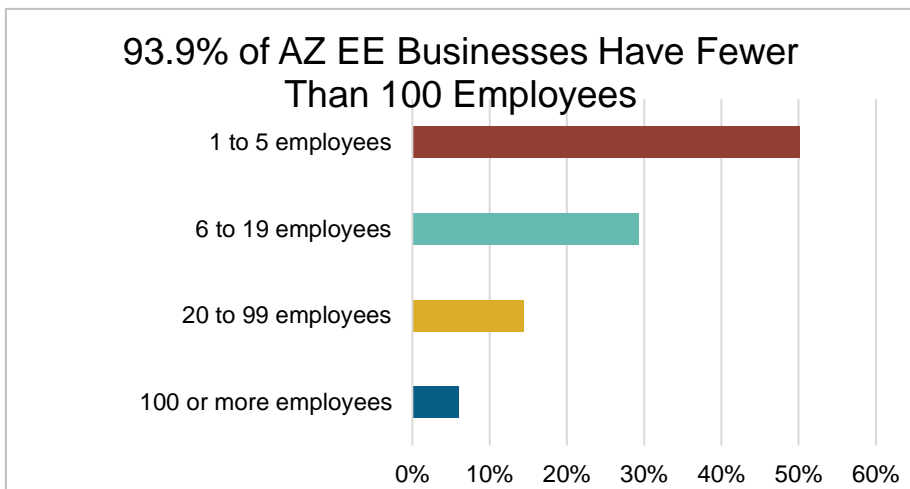
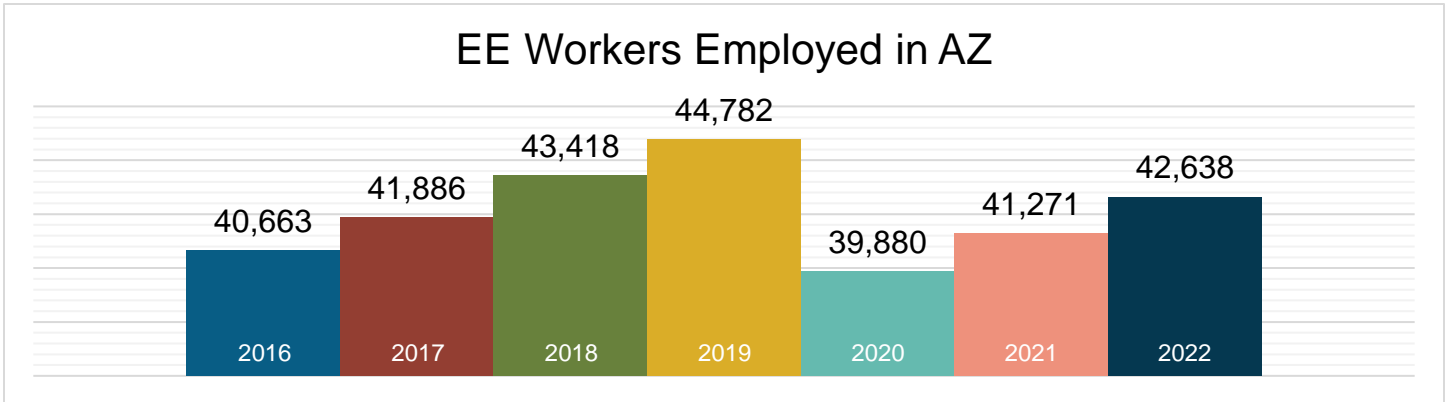


TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

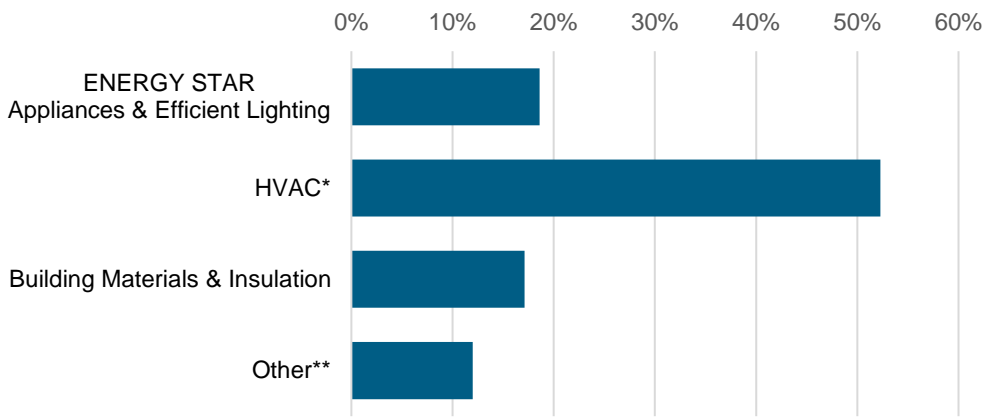
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

What does EE look like in Arizona?



*Professional services include finance/accounting, architecture, engineering, R&D, etc. and other includes maintenance, and business and nonprofit organizations.

What energy efficiency sectors employ the most workers?



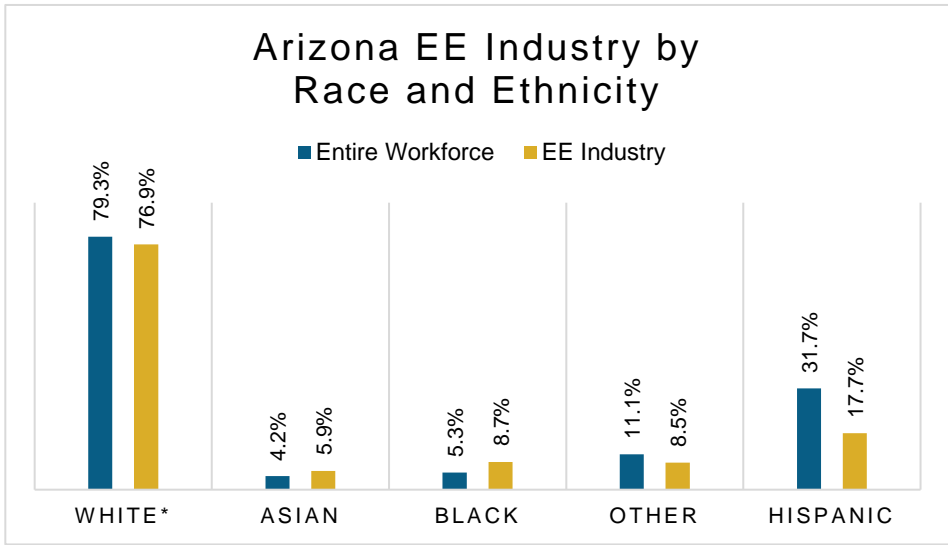
8%
of Arizona
EE workers are
Veterans

*Heating, Ventilation, Air Conditioning of higher than standard efficiency/renewable heating & cooling
**Other such as energy audits, building certifications, and software services

How is EE doing on diversity in Arizona?

Demographic data is critical to measure progress in expanding the diversity of the EE industry. A more inclusive industry that reflects the communities it serves is a stronger one that better meets the needs of all U.S. residents. Promoting diversity in hiring is key to maintaining a future workforce of qualified professionals and ensuring all Arizona communities are represented in the EE sector.

The EE industry needs to do more to prioritize minorities and women for training and support that enables access to employment at EE businesses.



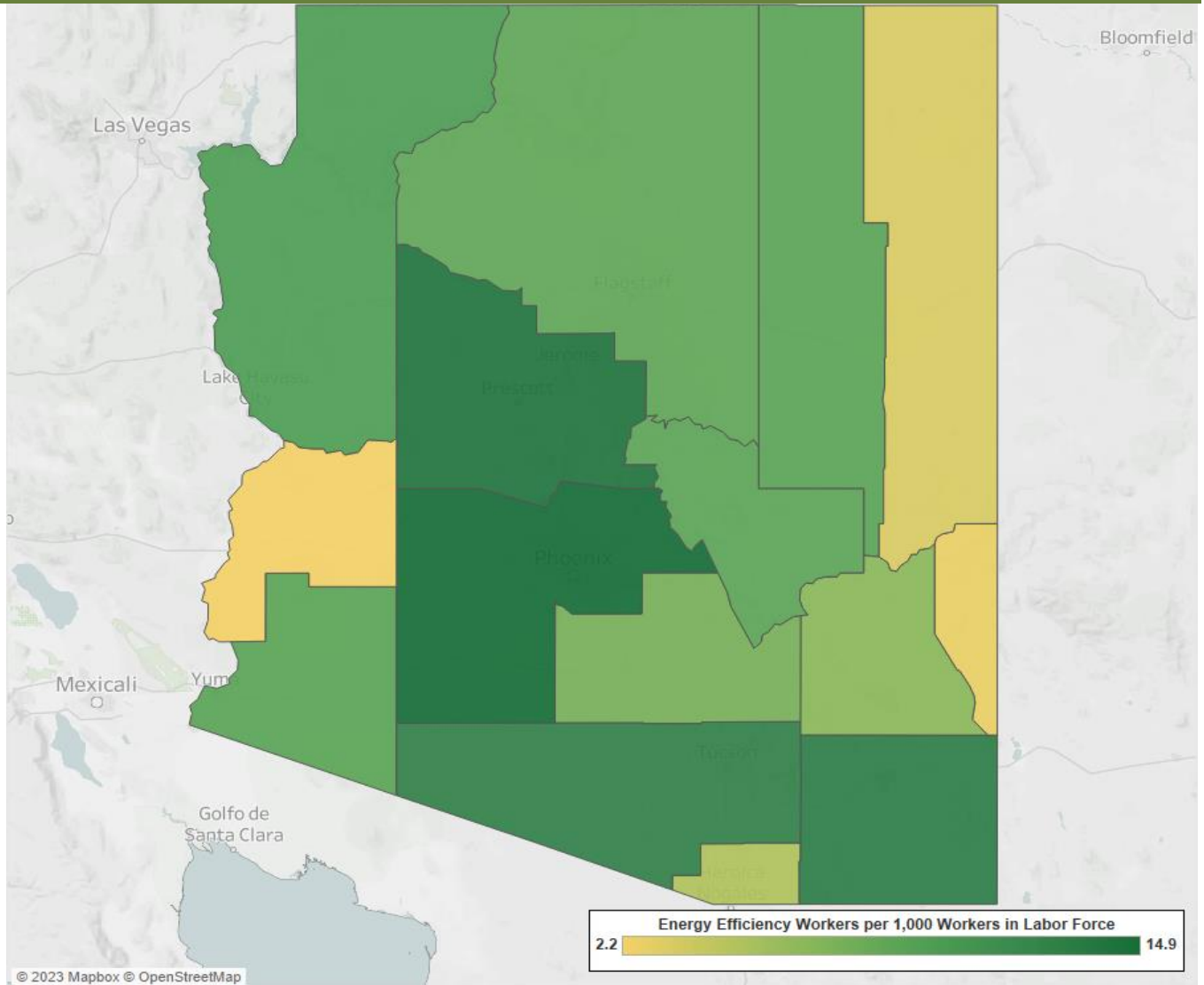
*Includes non-Hispanic and Hispanic whites.



Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Non-binary gender data is missing from this document due to this limitation.

Energy Efficiency Jobs are Everywhere

EE Jobs by County



100%
of AZ counties
have energy
efficiency workers

Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	4,285	Flagstaff	544
2	4,927	Lake Havasu City-Kingman	538
3	3,345	Phoenix-Mesa-Scottsdale	33,613
4	3,686	Prescott	979
5	4,518	Tucson	4,925
6	12,648	Yuma	705
7	7,576	Rural	1,333
8	1,093		
9	559		

State Senate							
District	Jobs		District	Jobs		District	Jobs
1	2,328		11	150		21	427
2	2,210		12	3,219		22	115
3	1,357		13	579		23	4,276
4	936		14	647		24	7,374
5	1,053		15	3,173		25	562
6	1,176		16	615		26	1,621
7	327		17	717		27	<10
8	1,133		18	2,339		28	613
9	1,668		19	1,440		29	407
10	263		20	1,589		30	322

State House of Representatives				
District	Jobs		District	Jobs
1	2,322		16	593
2	2,316		17	672
3	1,321		18	2,253
4	905		19	2,058
5	1,040		20	1,506
6	1,165		21	404
7	405		22	108
8	1,068		23	4,216
9	1,637		24	7,507
10	257		25	534
11	145		26	1,640
12	2,993		27	<10
13	587		28	584
14	650		29	381
15	3,069		30	301



E4TheFuture is dedicated to bringing clean, efficient energy home for every American and promotes energy solutions to advance climate protection and economic fairness. Visit www.E4TheFuture.org.



E2 is a national, nonpartisan group of business leaders, investors and others who advocate for smart policies that are good for the environment and good for the economy. Visit www.e2.org.



BW Research Partnership is a full-service, economic and workforce research consulting firm with offices in Carlsbad, California and Wrentham, Massachusetts. It is the nation's leading provider of accurate, comprehensive energy and clean energy research studies. Visit www.bwresearch.com.

Data Source: Except for county data on page 4, all data are from the U.S. Energy and Employment Report, June 2023, by the U.S. Department of Energy (see Appendix B for methodology details). This methodology -- adopted by the U.S. Dept. of Energy for its 2017 U.S. Energy and Employment Report, approved by the Office of Management and Budget and grounded on data collected by the Bureau of Labor Statistics -- provides the broadly accepted best accounting of all U.S. energy workers.

For questions on E4TheFuture analyses please email: policy@e4thefuture.org