

# Ohio

## Energy Efficiency Jobs in America

81,397  
Total Jobs

### What are EE jobs?

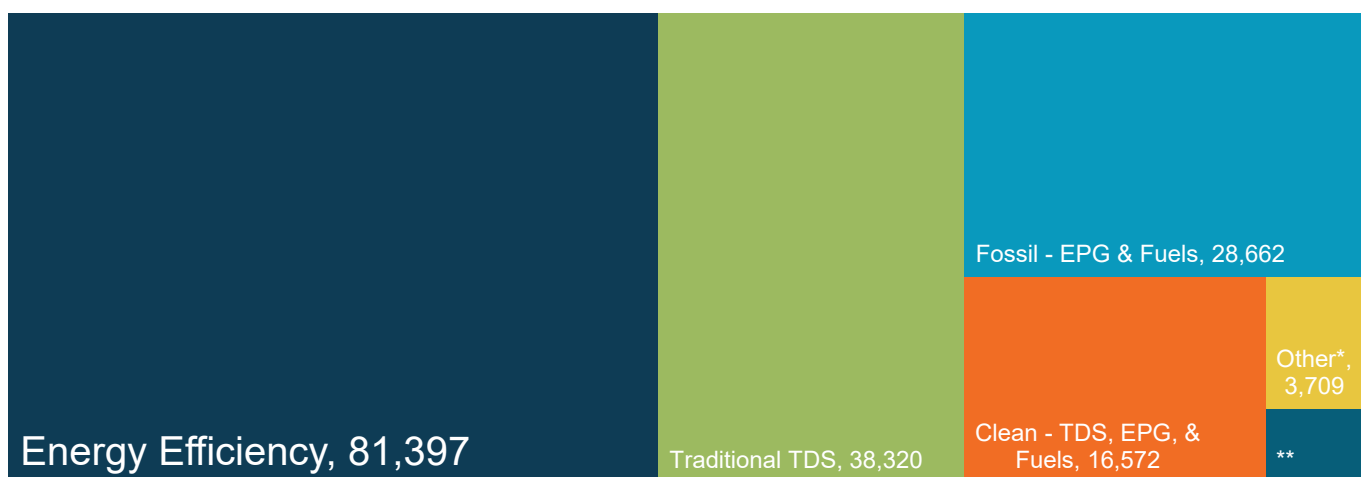
*Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.*

### 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, as well as commercial, and industrial buildings.
- **Design and construct** high-performance buildings such as those earning nationally recognized sustainability and environmental performance ratings.
- **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 to other energy sectors in Ohio?

*Energy efficiency is the largest energy sector in Ohio.*



TDS = Transmission, Distribution, & Storage

EPG = Electric Power Generation

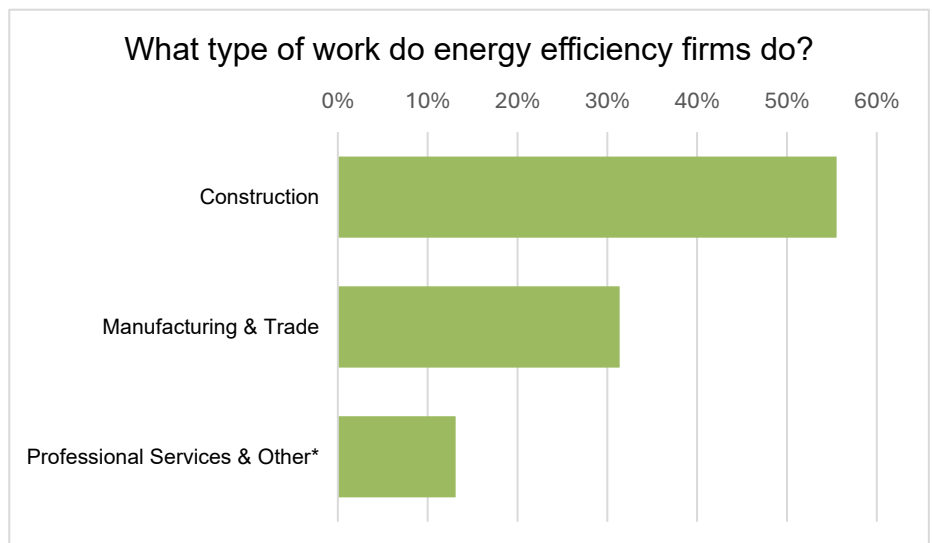
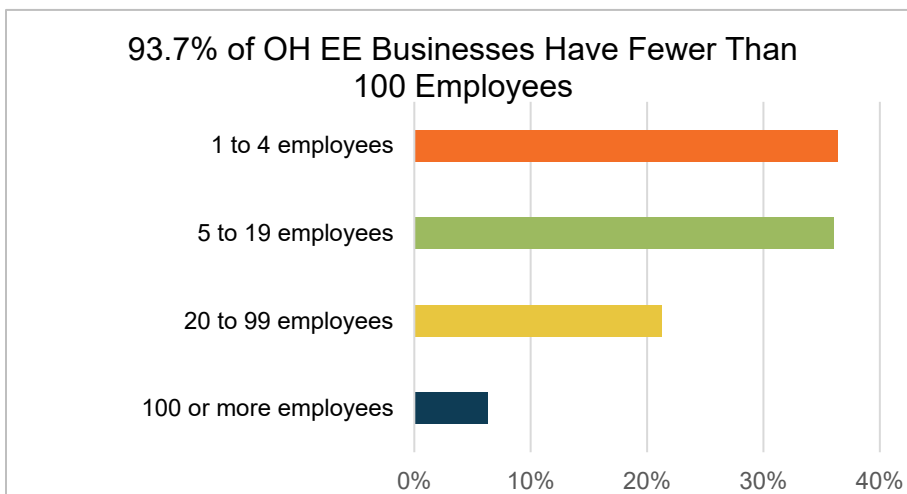
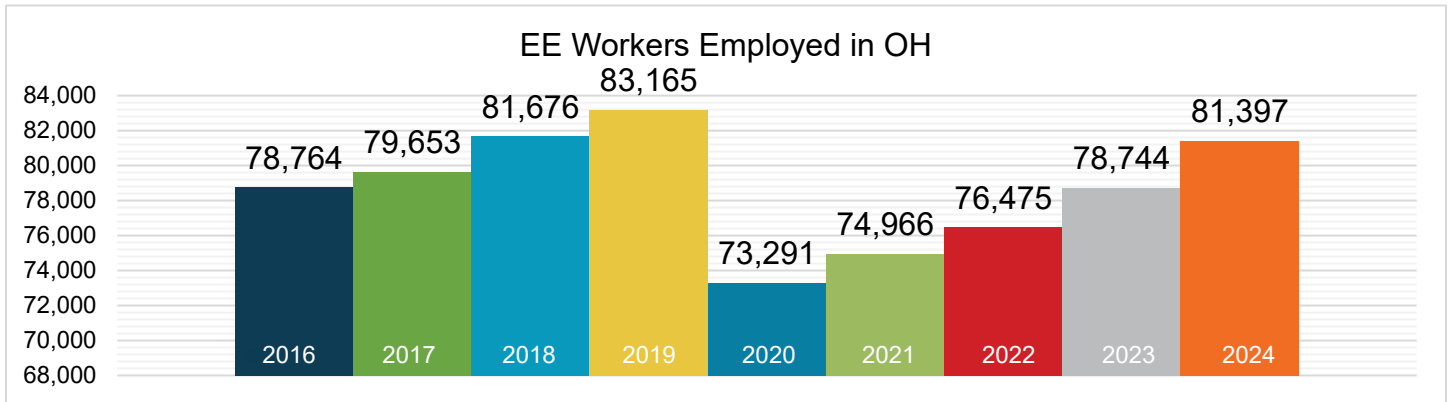
\*\*Nuclear - EPG & Fuels = 2,082

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

Presented by:

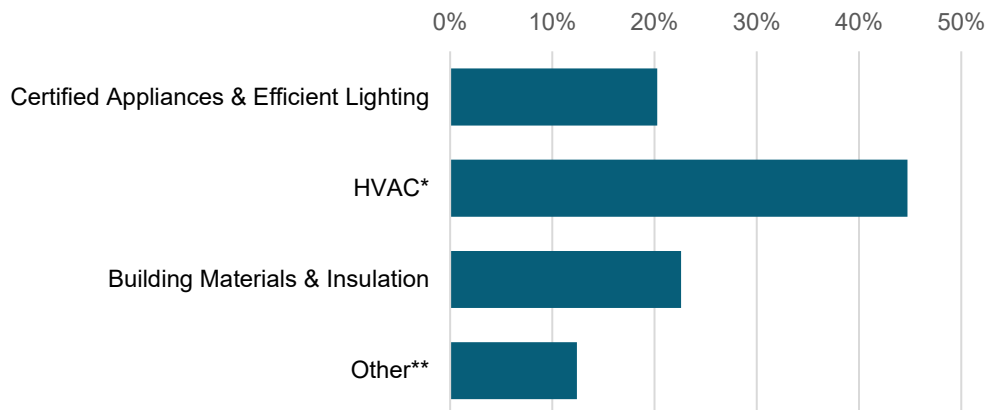


## What does EE look like in Ohio?



\*Professional services include finance, accounting, architecture, engineering, research and development, and more. The "other" category includes roles in maintenance, business operations, and nonprofit organizations.

### What energy efficiency sectors employ the most workers?



Certified Appliances = ENERGY STAR-certified appliances

\*Heating, ventilation, air conditioning of higher than standard efficiency/renewable heating and cooling

\*\*Other includes energy audits, building certifications, and software services

**10%**  
of Ohio  
EE workers are  
**veterans**

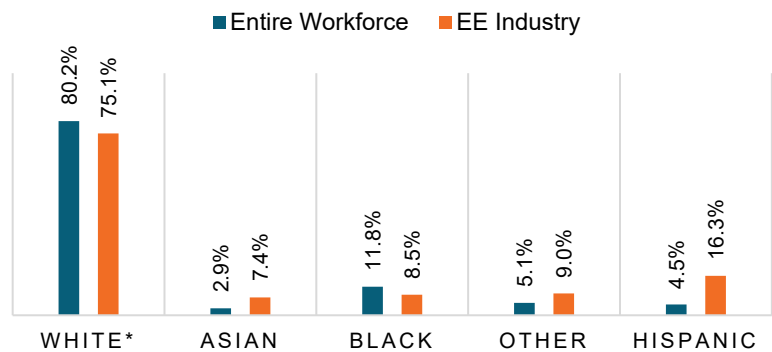


## How representative is the EE workforce in Ohio?

Demographic data is critical to measure progress towards a more representative EE workforce. Tracking this data helps show how well Ohio's EE workforce reflects the communities it serves and where gaps remain.

Expanded training programs in Ohio can help ensure energy efficiency careers are accessible to all.

### Ohio EE Industry by Race and Ethnicity



\*Includes non-Hispanic and Hispanic whites.

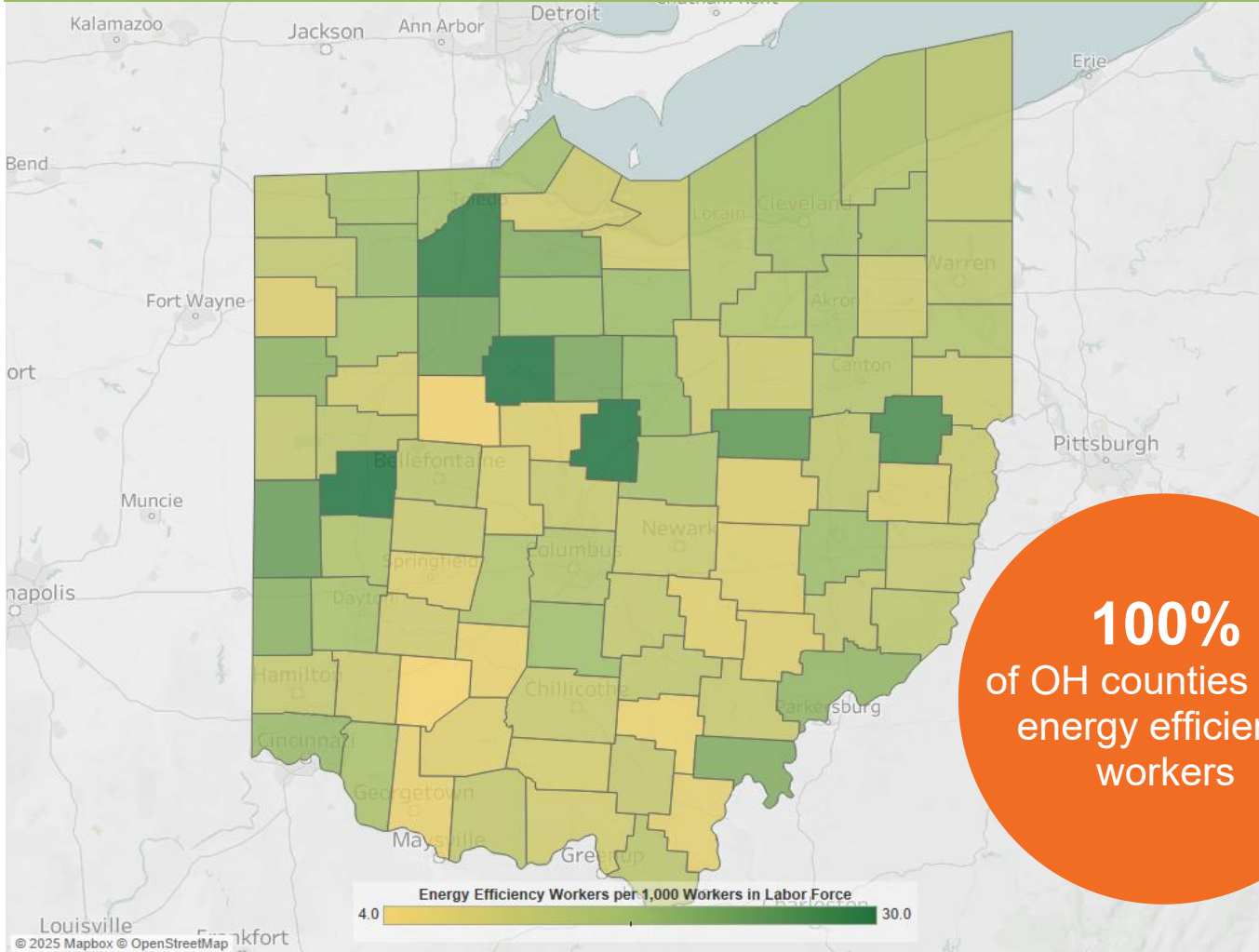
### Gender in the Ohio EE Workforce



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

# Energy efficiency jobs are everywhere

## EE Jobs by County



The energy efficiency job concentration displayed above is capped at thirty jobs per thousand in order to maintain observable differences between the majority of counties within the state. This is done to eliminate the influence outliers have on overall color gradient. For a full list of energy efficiency jobs by county, please visit the Department of Energy's (DOE) United States Energy and Employment Report (USEER) County-Level data site at <https://www.energy.gov/media/348937>.

Congressional				Metropolitan Areas			
District	Jobs	District	Jobs	Area	Jobs	Area	Jobs
1	7,289	10	5,206	Akron	4,726	Sandusky	325
2	2,827	11	7,219	Canton-Massillon	2,390	Springfield	373
3	7,013	12	3,649	Cincinnati	13,279	Toledo	5,683
4	4,351	13	5,889	Cleveland-Elyria	15,606	Weirton-Steubenville	223
5	5,759	14	3,873	Columbus	15,206	Wheeling	243
6	3,973	15	6,268	Dayton	5,449	Youngstown-Warren-Boardman	2,245
7	5,969			Huntington-Ashland	180	Rural	14,078
8	6,027			Lima	507		
9	6,085			Mansfield	883		



State Senate							
District	Jobs		District	Jobs		District	Jobs
1	2,455		12	2,649		23	3,360
2	3,252		13	1,788		24	3,641
3	2,668		14	1,369		25	2,628
4	1,917		15	2,935		26	2,319
5	2,564		16	3,939		27	2,077
6	2,564		17	1,117		28	2,899
7	2,472		18	2,705		29	2,148
8	4,239		19	2,092		30	1,460
9	3,867		20	1,487		31	1,629
10	1,333		21	3,336		32	1,725
11	2,778		22	2,074		33	1,908

State House of Representatives							
District	Jobs		District	Jobs		District	Jobs
1	791		34	962		67	530
2	1,112		35	731		68	646
3	1,032		36	646		69	314
4	1,581		37	720		70	536
5	1,185		38	1,198		71	442
6	1,142		39	984		72	440
7	815		40	854		73	526
8	1,102		41	1,043		74	355
9	671		42	748		75	2,028
10	826		43	987		76	906
11	1,257		44	753		77	521
12	657		45	544		78	535
13	1,055		46	485		79	500
14	1,449		47	888		80	726
15	1,123		48	720		81	704
16	1,200		49	733		82	655
17	1,070		50	695		83	1,097
18	1,134		51	606		84	872
19	1,028		52	580		85	1,243
20	1,106		53	606		86	520
21	806		54	601		87	962
22	1,396		55	554		88	838
23	792		56	516		89	471
24	1,401		57	885		90	349
25	1,109		58	795		91	319
26	1,357		59	613		92	409
27	1,271		60	458		93	389
28	1,403		61	756		94	659
29	1,433		62	499		95	409
30	1,536		63	520		96	392
31	906		64	583		97	502
32	795		65	509		98	878
33	1,142		66	638		99	633





The Building Performance Association (BPA) is a nonprofit industry association that serves as the hub for businesses, nonprofits, and government agencies working to make America's homes more energy-efficient, comfortable, healthy, and safe. Visit [www.building-performance.org](http://www.building-performance.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](http://www.bwresearch.com).

Data Source: Unless otherwise stated, all data are from the August 2025 U.S. Energy and Employment Report, 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 BPA analyses, please email: [communications@building-performance.org](mailto:communications@building-performance.org).

