

Ohio

Energy Efficiency Jobs in America



81,397
Total Jobs

What are EE jobs?

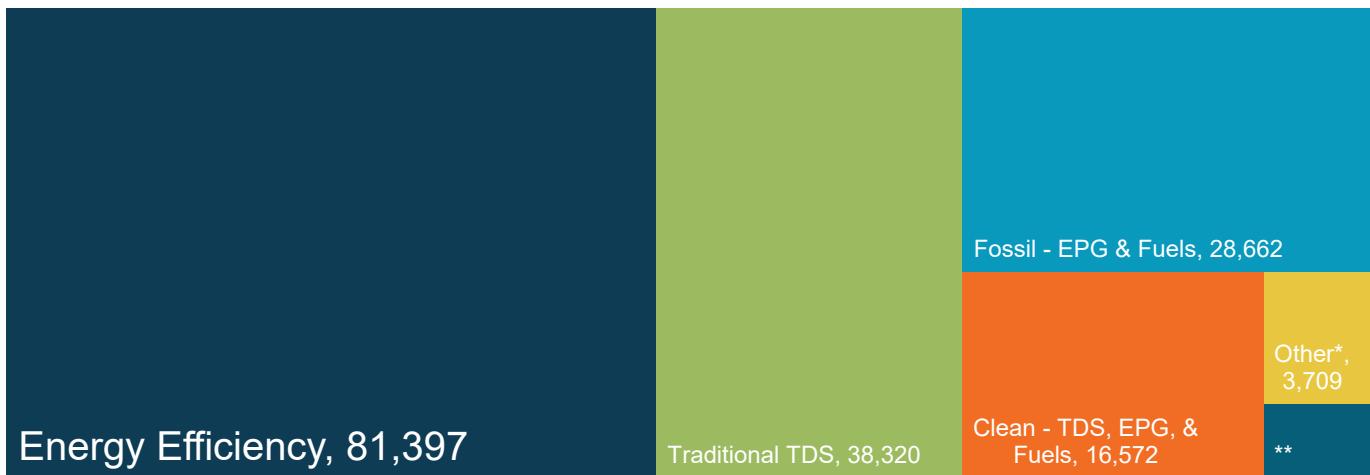
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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

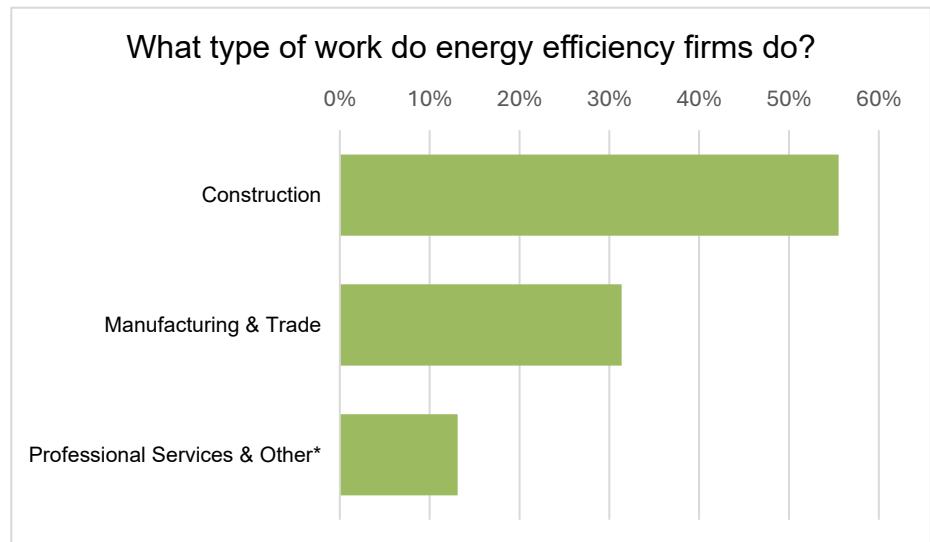
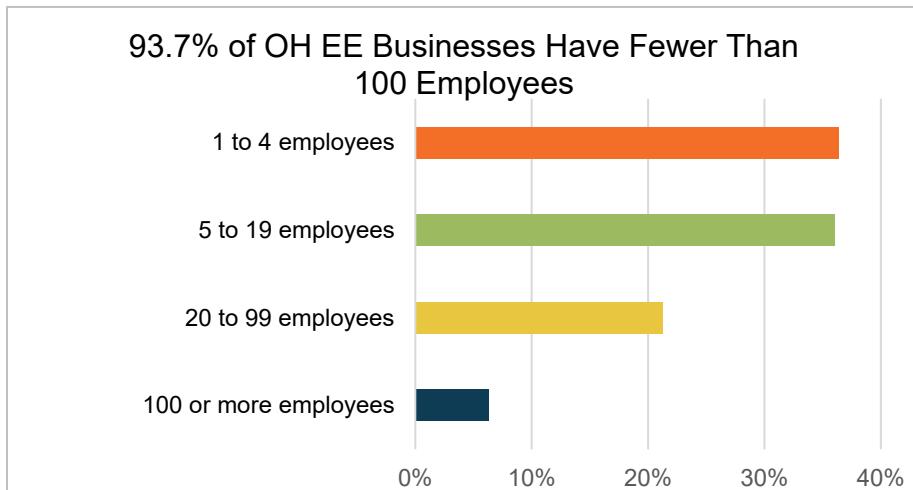
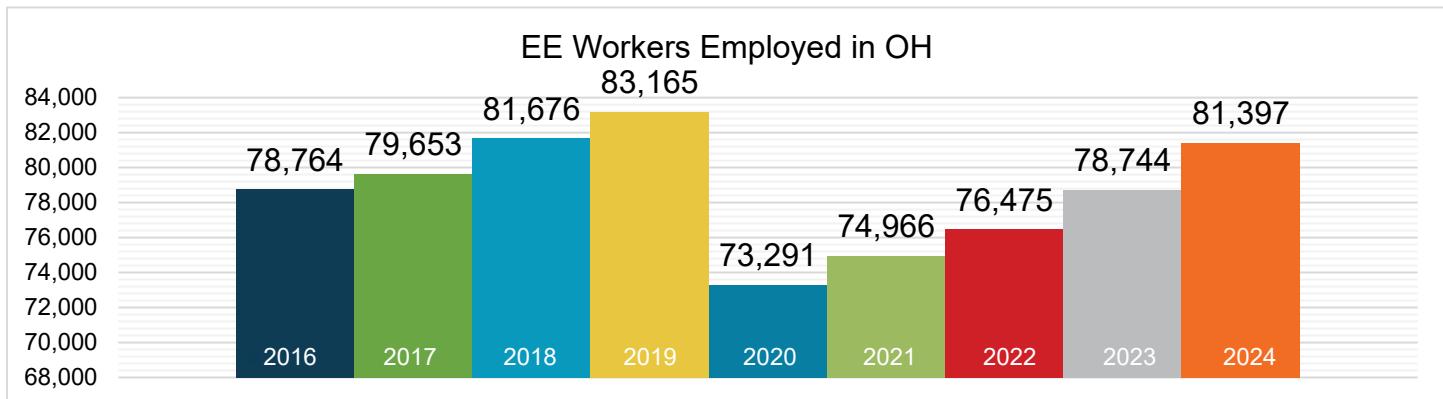
**Nuclear - EPG & Fuels = 2,082

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

Presented by:

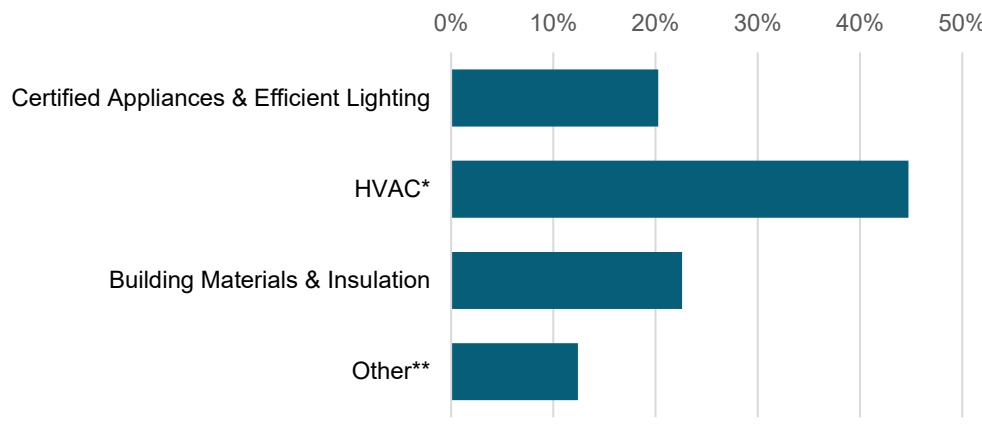


What does EE look like in Ohio?



*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

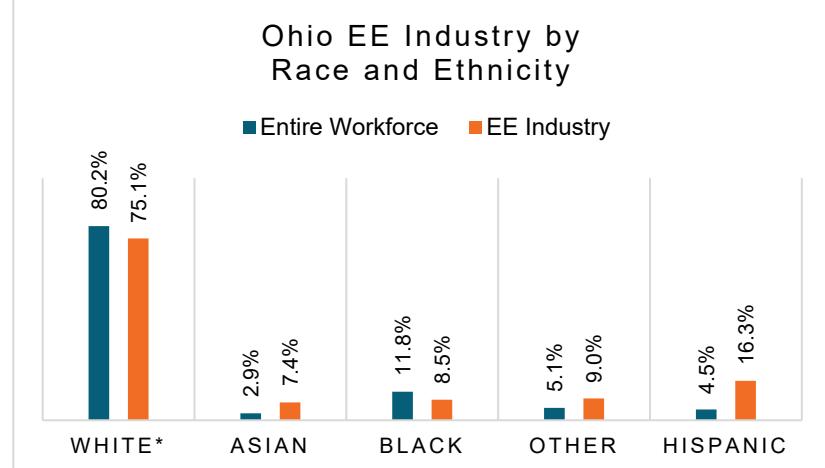
10%
of Ohio
EE workers are
veterans



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.



*Includes non-Hispanic and Hispanic whites.

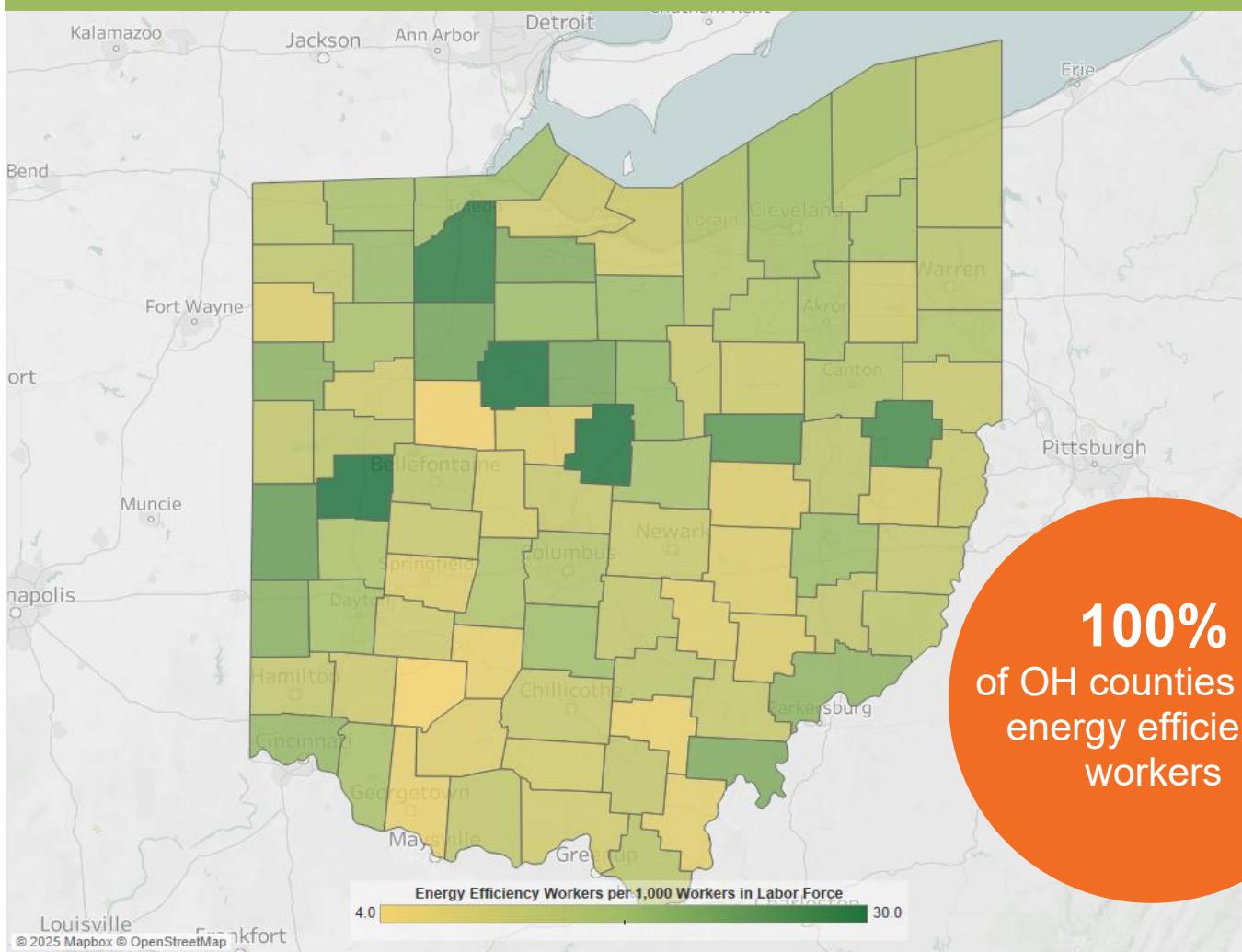
Gender in the Ohio EE Workforce



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.



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: 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.

