Michigan

Energy Efficiency Jobs in America

77,990
Total Jobs

What are EE jobs?

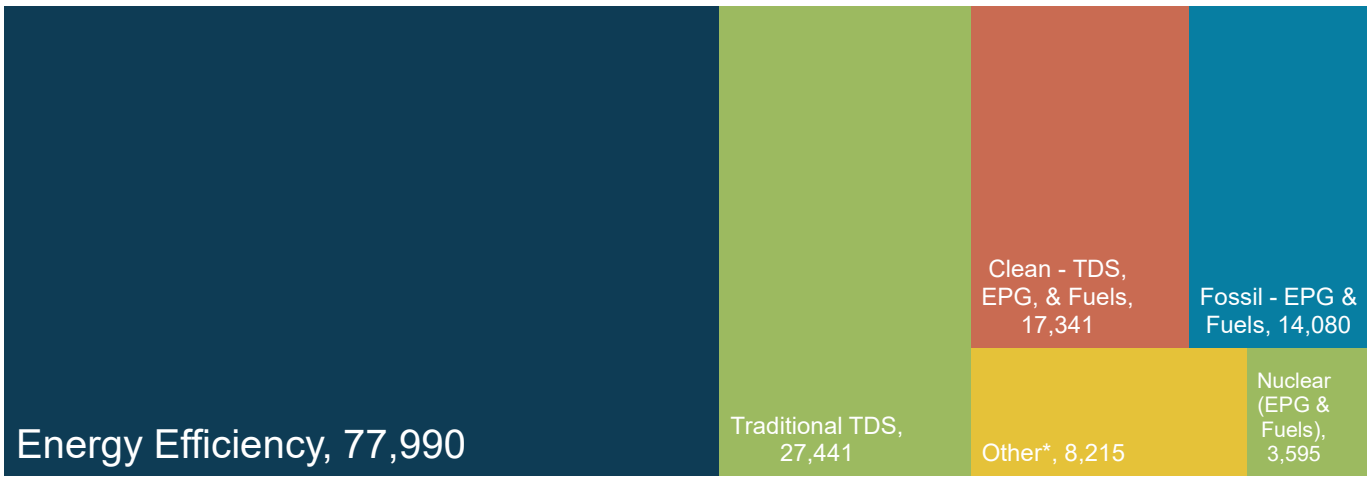
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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 Michigan?

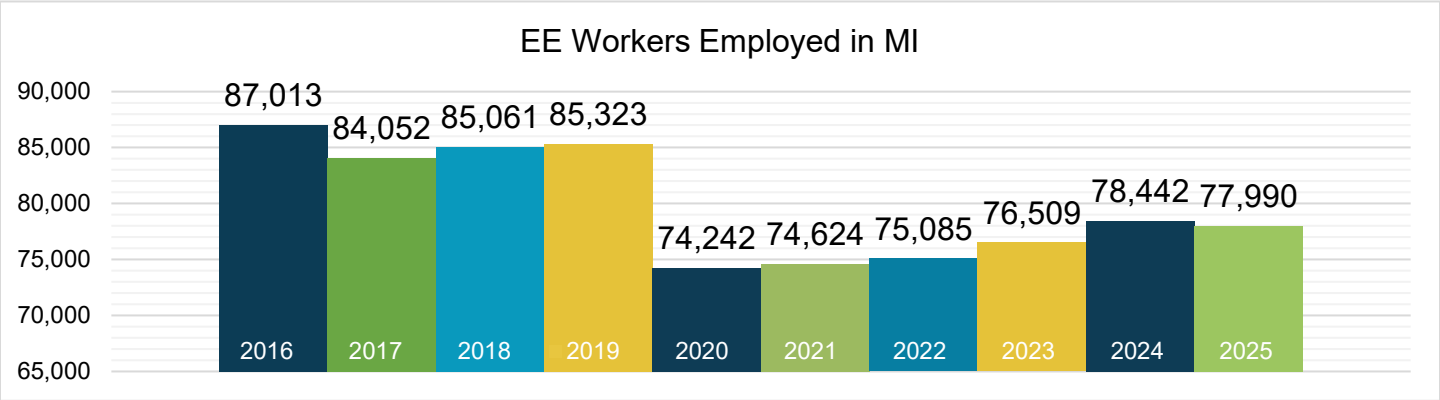
Energy efficiency is the largest energy sector in Michigan.

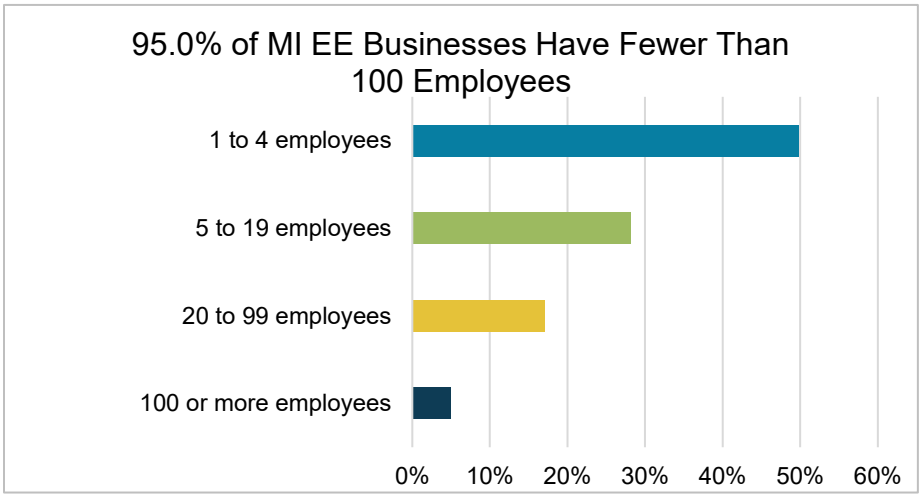


TDS = Transmission, Distribution, & Storage
EPG = Electric Power Generation
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:

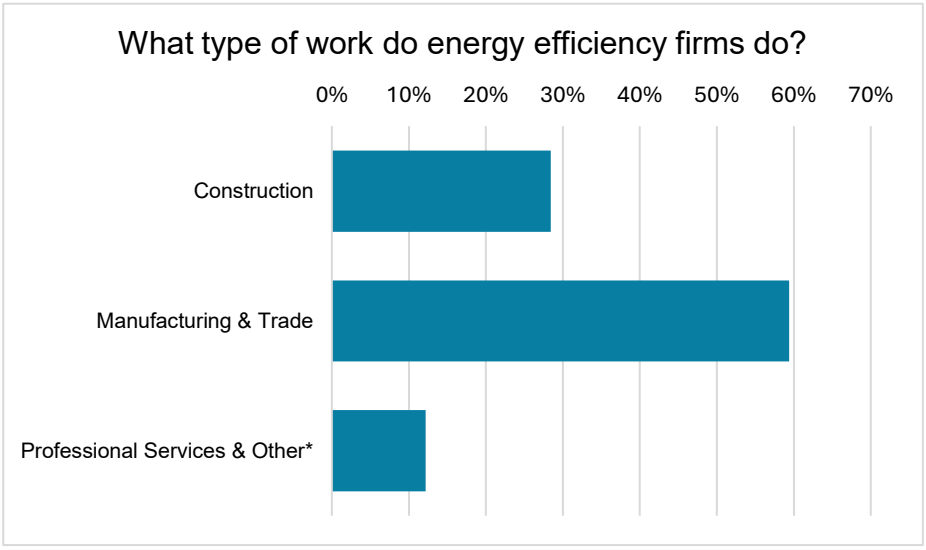
What does EE look like in Michigan?



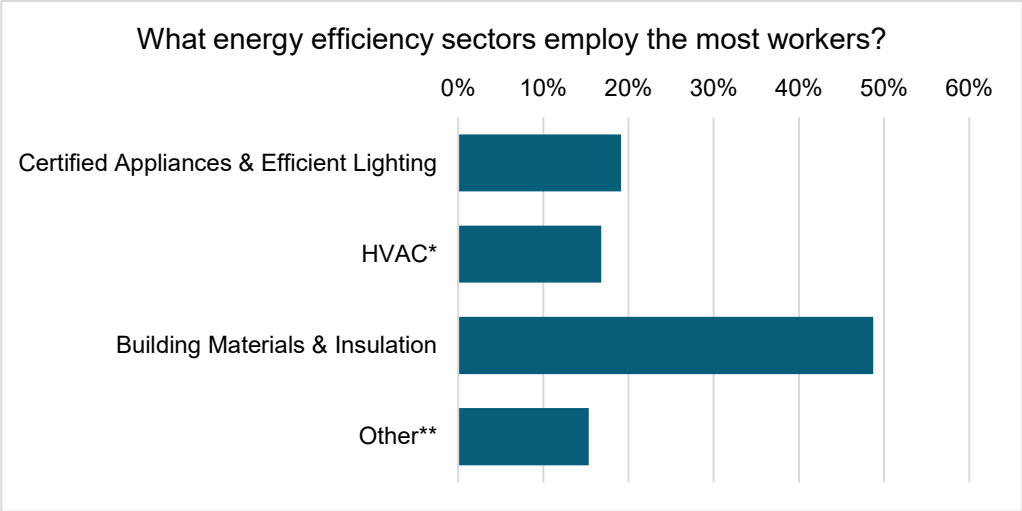








*Professional services include finance, accounting, architecture, engineering, research and development, and more. The "other" category includes roles in maintenance, business operations, and nonprofit organizations.



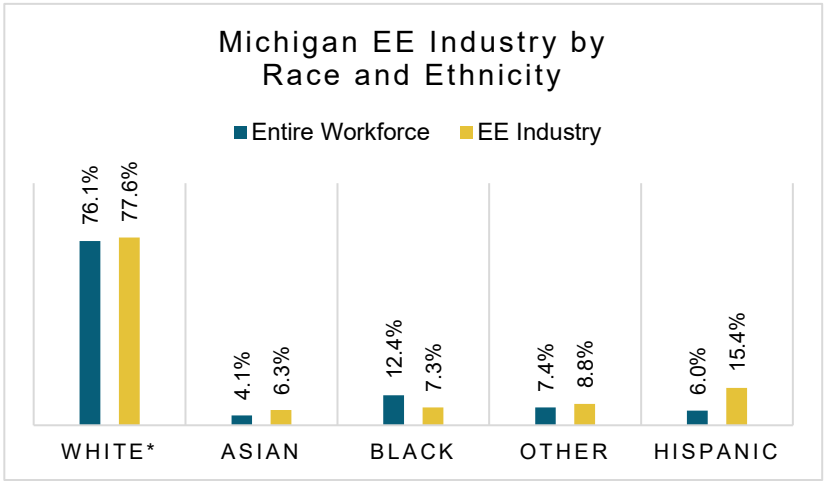
9% of Michigan EE workers are **veterans**

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

How representative is the EE workforce in Michigan?

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

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



*Includes non-Hispanic and Hispanic whites.

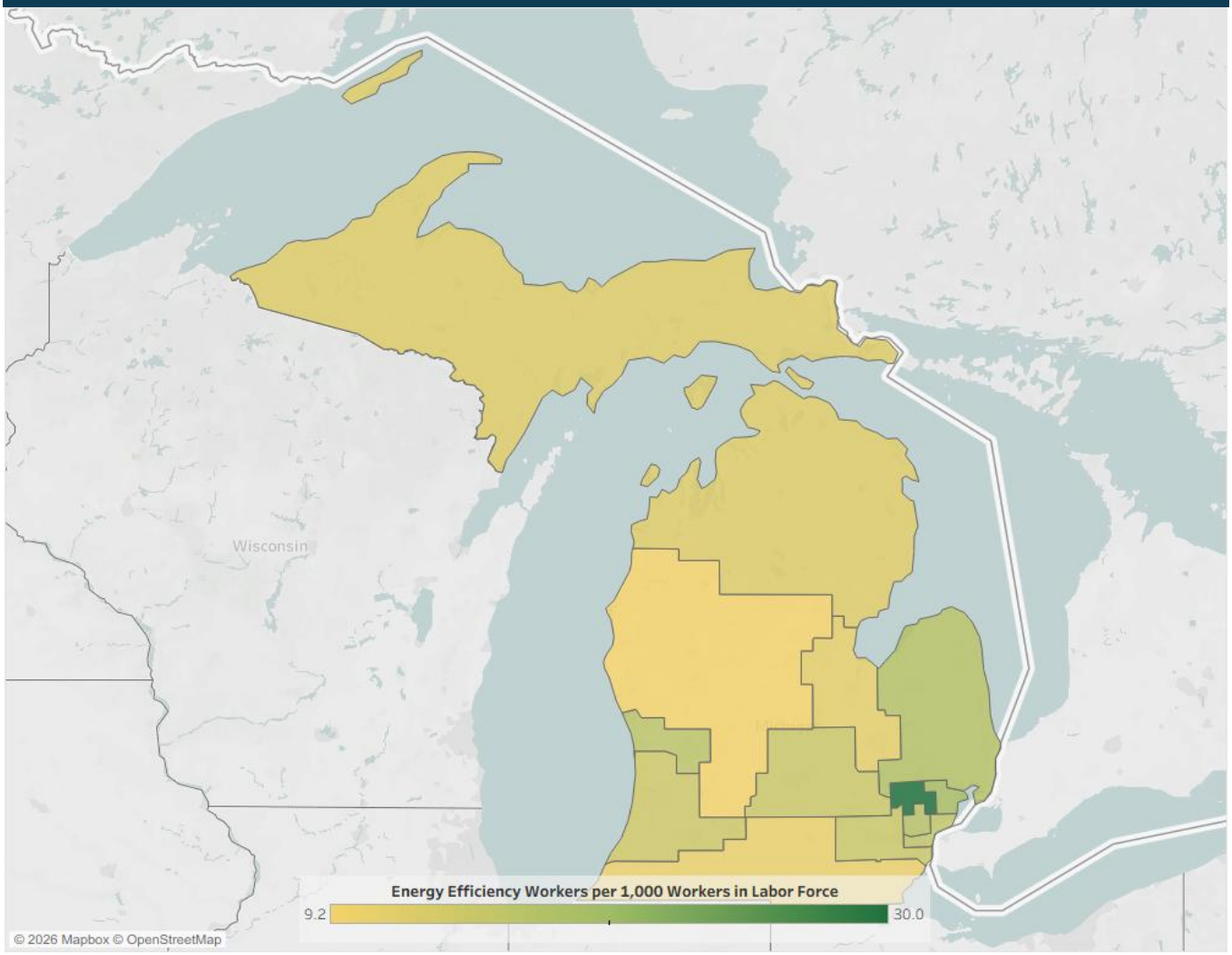
Gender in the Michigan EE Workforce



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 Congressional District



The energy efficiency job concentration displayed above is capped at thirty jobs per thousand in order to maintain observable differences between the majority of congressional districts within the state. This is done to eliminate the influence outliers have on overall color gradient.

Congressional

District	Jobs	District	Jobs
1	4,295	9	6,699
2	3,362	10	7,448
3	6,694	11	13,187
4	5,488	12	5,931
5	3,835	13	5,371
6	5,868		
7	5,792		
8	4,020		

Metropolitan Areas

Area	Jobs	Area	Jobs
Ann Arbor	2,440	Kalamazoo-Portage	2,356
Battle Creek	1,625	Lansing-East Lansing	2,521
Bay City	494	Monroe	611
Detroit-Warren-Dearborn	43,520	Muskegon	716
Flint	1,642	Niles-Benton Harbor	744
Grand Rapids-Wyoming	8,432	Saginaw	1,189
Holland	588	South Bend-Mishawaka	79
Jackson	799	Rural	10,234

State Senate

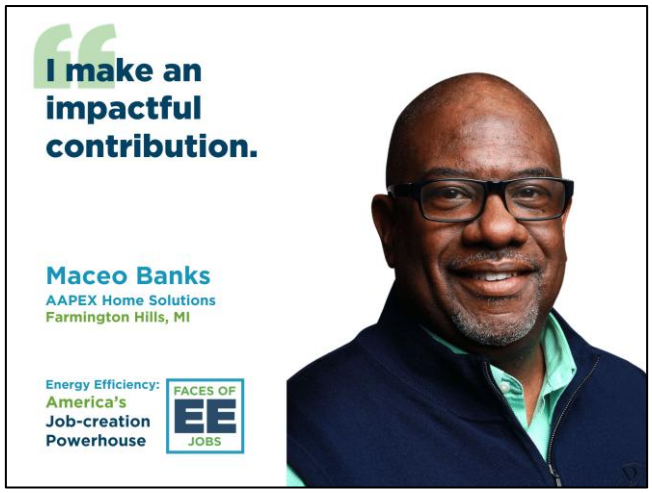
District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,791	11	2,178	21	1,387	31	1,487
2	1,677	12	1,851	22	2,576	32	974
3	2,311	13	4,037	23	4,658	33	1,233
4	1,752	14	1,700	24	2,980	34	1,304
5	1,742	15	1,673	25	1,406	35	1,847
6	2,180	16	1,264	26	1,140	36	1,133
7	3,949	17	1,164	27	1,066	37	1,788
8	3,689	18	2,432	28	1,452	38	1,533
9	3,859	19	2,097	29	2,845		
10	2,161	20	1,300	30	2,375		

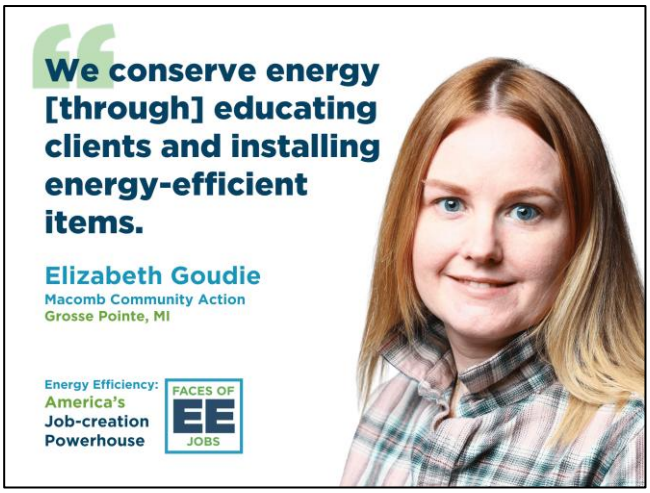
State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	542	35	444	69	302	103	783
2	539	36	389	70	503	104	375
3	423	37	342	71	484	105	431
4	764	38	464	72	506	106	349
5	1,059	39	382	73	567	107	631
6	1,752	40	770	74	587	108	344
7	593	41	603	75	545	109	515
8	690	42	777	76	326	110	683
9	642	43	488	77	512		
10	688	44	1,024	78	401		
11	480	45	806	79	604		
12	706	46	653	80	949		
13	779	47	651	81	1,204		
14	1,328	48	572	82	704		
15	719	49	1,536	83	901		
16	394	50	1,131	84	932		
17	632	51	1,561	85	603		
18	1,603	52	1,390	86	487		
19	1,468	53	1,856	87	551		
20	1,234	54	1,625	88	397		
21	1,713	55	1,798	89	334		
22	834	56	1,243	90	834		
23	757	57	1,013	91	376		
24	651	58	1,037	92	603		
25	445	59	768	93	354		
26	810	60	872	94	581		
27	541	61	615	95	697		
28	590	62	469	96	434		
29	646	63	747	97	595		
30	366	64	432	98	421		
31	425	65	516	99	299		
32	747	66	1,194	100	437		
33	342	67	209	101	315		
34	443	68	494	102	315		

Faces of EE

The EE industry creates jobs, lowers bills, and strengthens the economy. Woven through communities via manufacturing, construction, professional services, and more, EE jobs are the backbone of the energy sector. This sample of people highlights just a few of the wide variety of jobs in the energy efficiency industry and the potential for growth when workforce development and training are prioritized.





Note: Some individuals pictured may have changed jobs since they joined Faces of EE.

This report was funded by the Building Performance Foundation and informed by the industry expertise of the Building Performance Association. Research was conducted by BW Research Partnership.

The Building Performance Foundation (BPF) is a 501(c)(3) charitable organization that works with policymakers, industry stakeholders, and professionals across the trades to educate and advance understanding of building performance, support workforce development, and expand access to career opportunities. Visit www.foundation.building-performance.org.

The Building Performance Association (BPA) is a 501(c)(6) industry trade association that serves and represents the professionals and businesses working to make America's homes more comfortable, healthy, and energy efficient, supporting them through membership, advocacy, education, and engagement. 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 2026 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.