

Michigan

Energy Efficiency Jobs in America



78,442
Total Jobs

What are EE jobs?

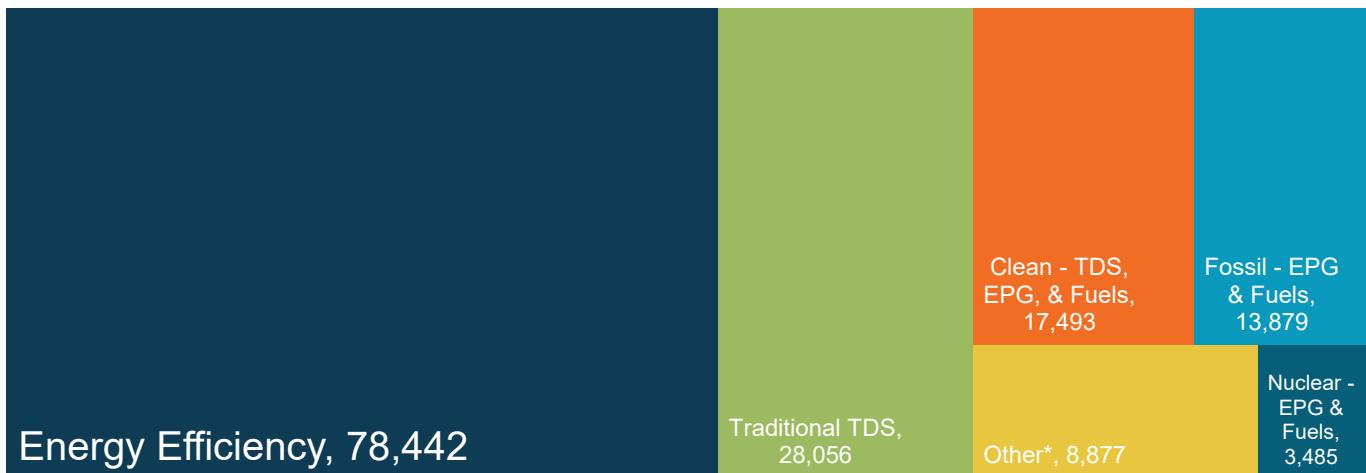
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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

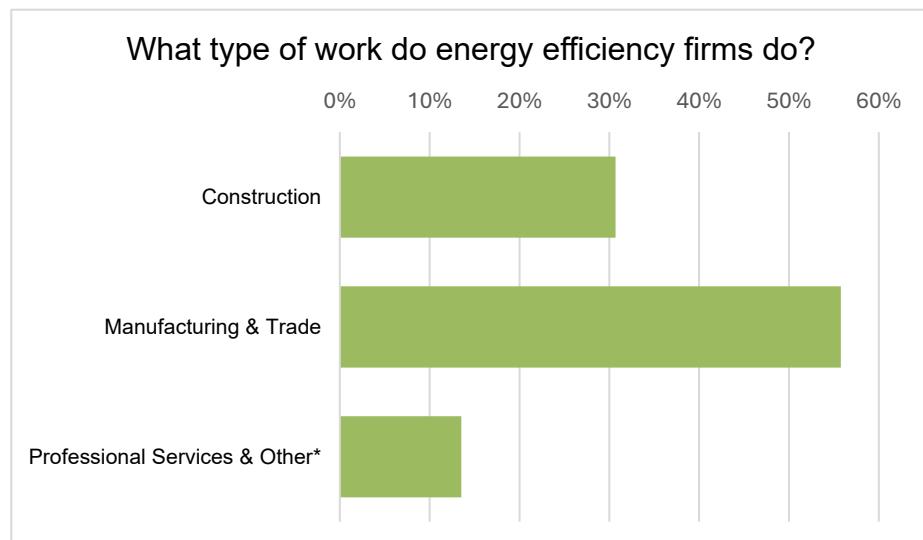
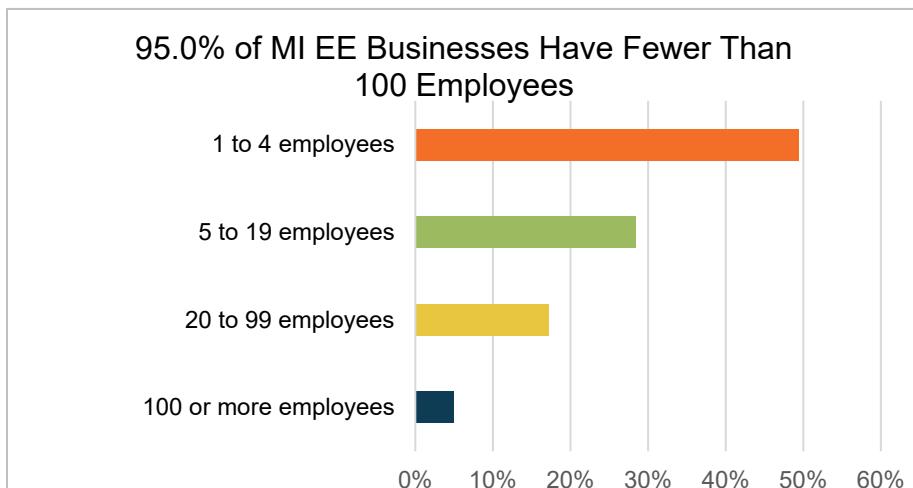
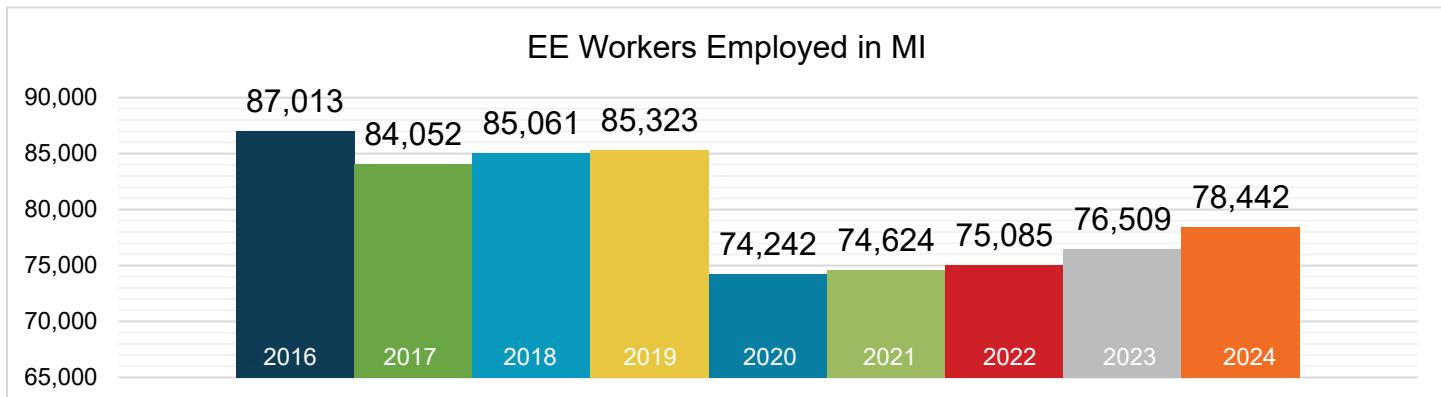
EPG = Electric Power Generation

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

Presented by:

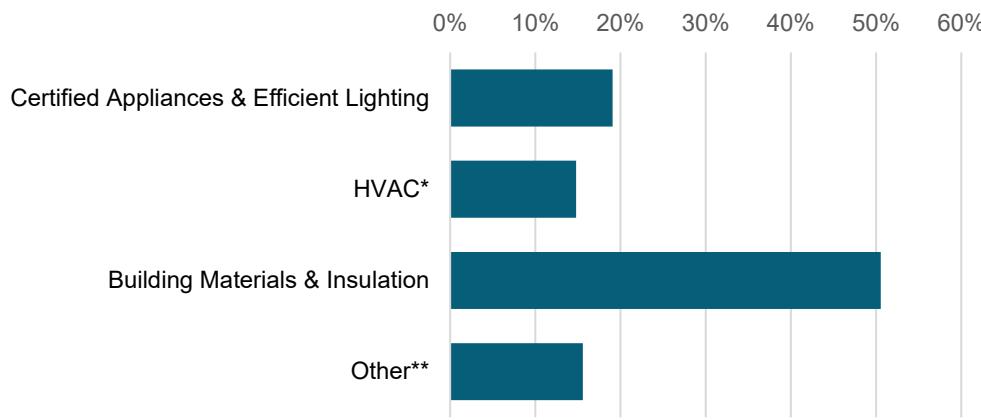


What does EE look like in Michigan?



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

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

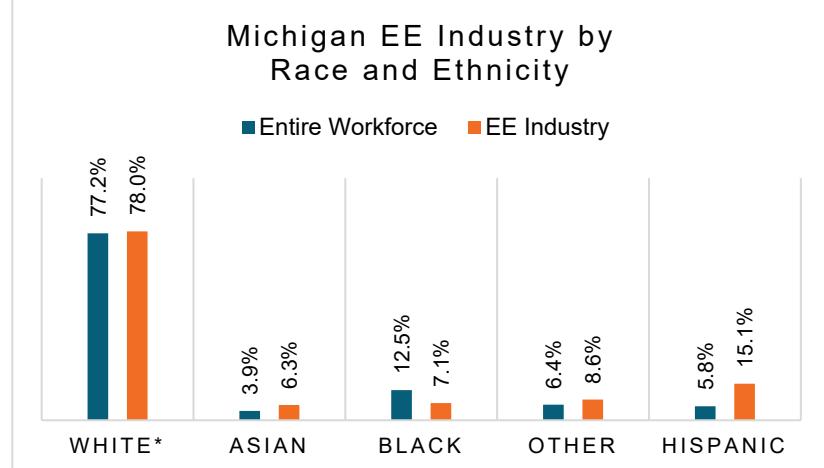
9%
of Michigan
EE workers are
veterans



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.



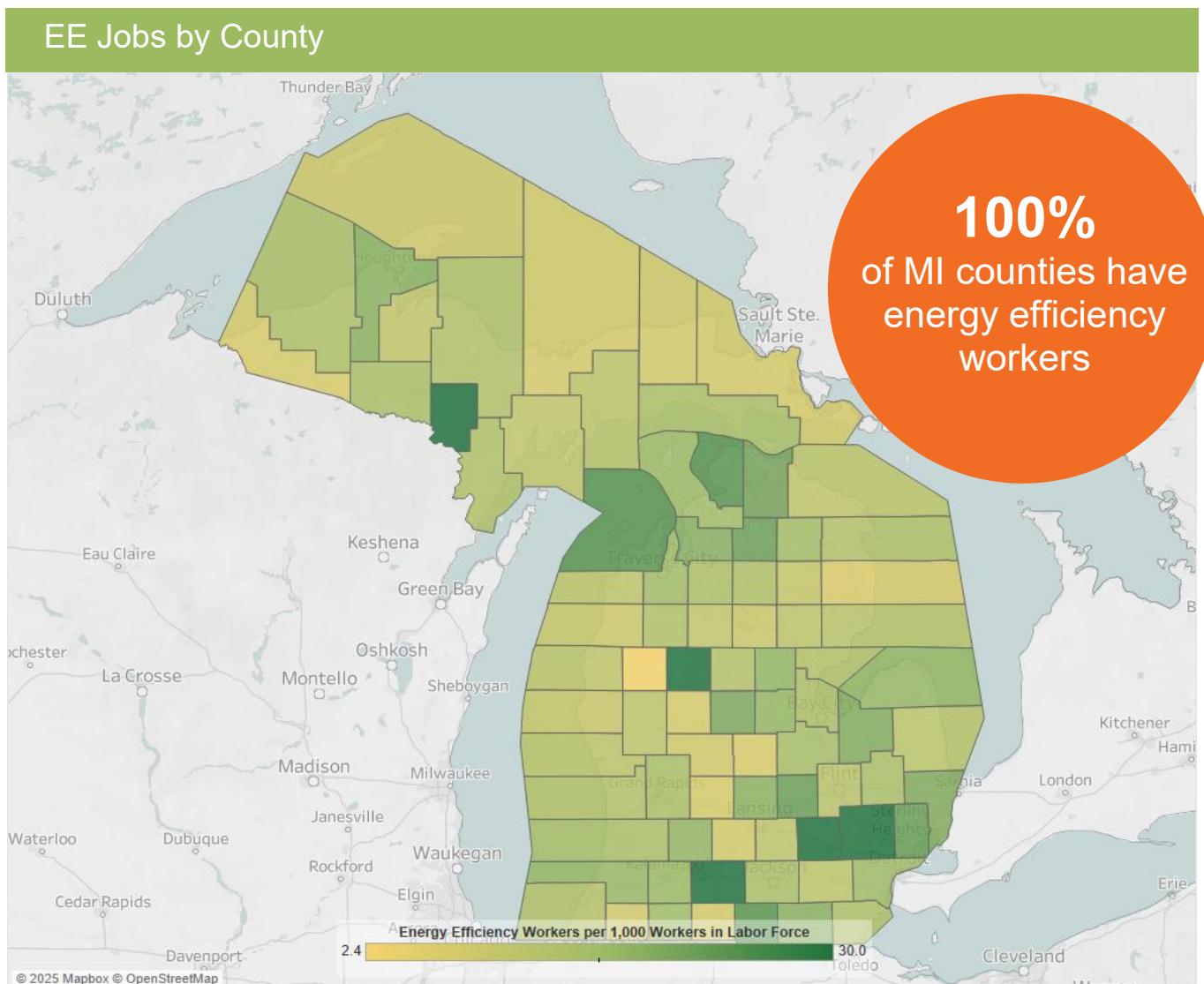
*Includes non-Hispanic and Hispanic whites.

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



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
1	4,409	9	6,713
2	3,382	10	7,490
3	6,667	11	13,187
4	5,525	12	6,000
5	3,822	13	5,457
6	5,926		
7	5,802		
8	4,060		

Area	Jobs
Ann Arbor	2,464
Battle Creek	1,642
Bay City	491
Detroit-Warren-Dearborn	43,782
Flint	1,661
Grand Rapids-Wyoming	8,391
Holland	596
Jackson	807

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,820	11	2,194	21	1,358	31	1,498
2	1,704	12	1,867	22	2,604	32	996
3	2,332	13	4,043	23	4,658	33	1,238
4	1,780	14	1,717	24	2,991	34	1,317
5	1,770	15	1,689	25	1,404	35	1,863
6	2,200	16	1,226	26	1,154	36	1,145
7	3,949	17	1,176	27	1,078	37	1,872
8	3,702	18	2,444	28	1,463	38	1,553
9	3,863	19	2,102	29	2,821		
10	2,184	20	1,307	30	2,359		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	551	35	449	69	306	103	791
2	548	36	392	70	509	104	386
3	430	37	345	71	488	105	440
4	777	38	468	72	508	106	353
5	1,068	39	384	73	577	107	691
6	1,752	40	772	74	598	108	348
7	602	41	605	75	549	109	523
8	695	42	780	76	291	110	691
9	652	43	491	77	508		
10	699	44	1,034	78	398		
11	485	45	815	79	599		
12	713	46	660	80	941		
13	785	47	658	81	1,194		
14	1,333	48	578	82	698		
15	731	49	1,543	83	893		
16	401	50	1,146	84	924		
17	642	51	1,561	85	608		
18	1,603	52	1,390	86	491		
19	1,468	53	1,856	87	567		
20	1,234	54	1,625	88	400		
21	1,713	55	1,798	89	338		
22	847	56	1,243	90	827		
23	760	57	1,018	91	376		
24	661	58	1,044	92	606		
25	452	59	774	93	357		
26	823	60	878	94	589		
27	549	61	620	95	706		
28	593	62	473	96	431		
29	642	63	749	97	602		
30	342	64	429	98	422		
31	427	65	518	99	301		
32	754	66	1,196	100	444		
33	346	67	211	101	325		
34	446	68	500	102	320		





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.

