Michigan

Energy Efficiency Jobs in America

76,509
Total Jobs

What are EE jobs?

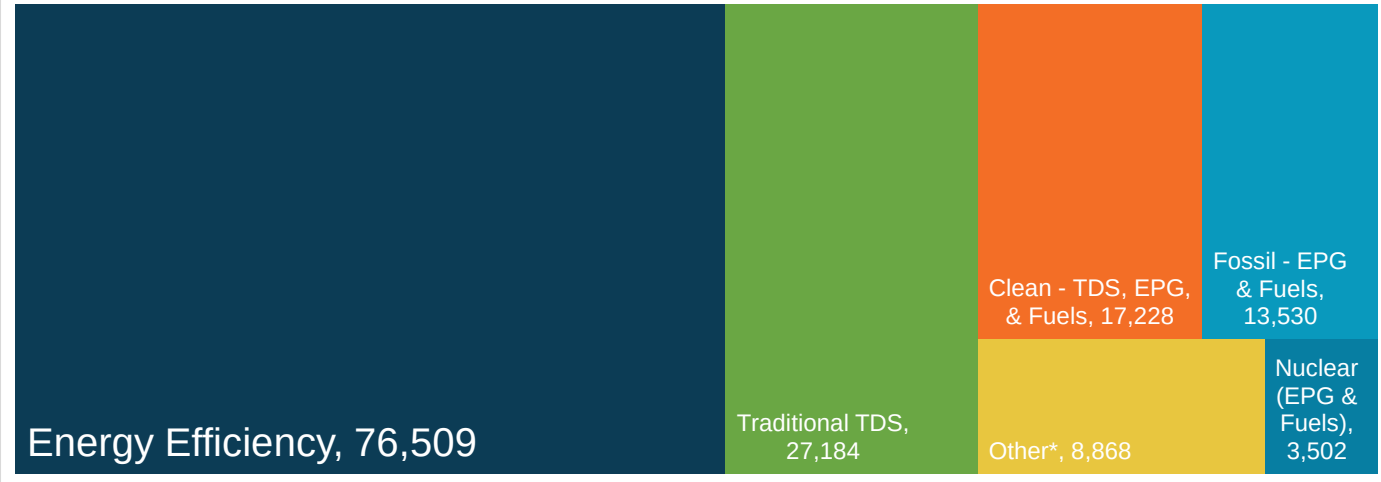
Jobs that deliver goods and services that lower energy use by improving energy efficiency with a focus on appliances, buildings, data systems, financing, new technologies, and more.

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 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 in Michigan?

Energy efficiency is the largest energy sector in Michigan.

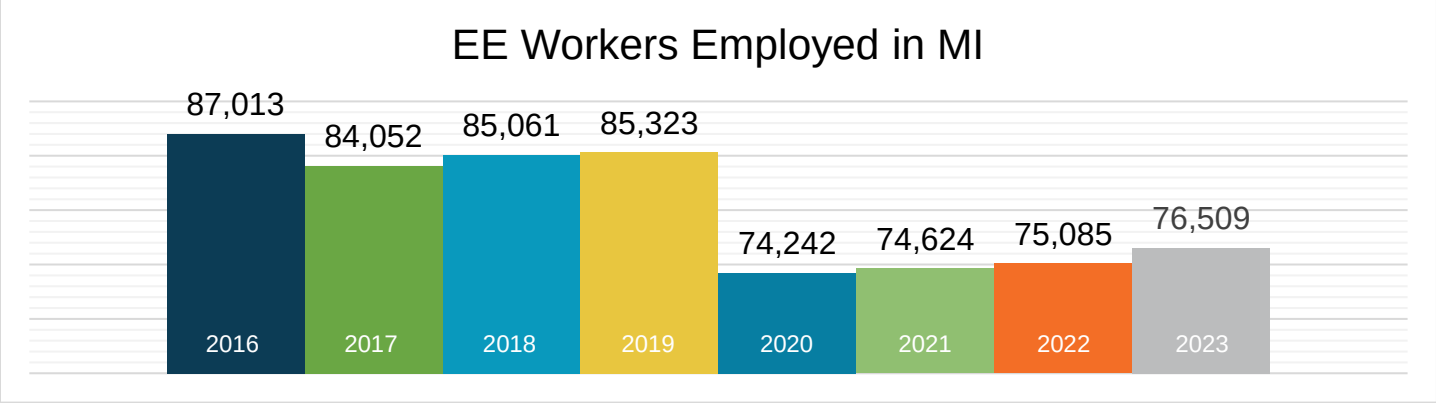


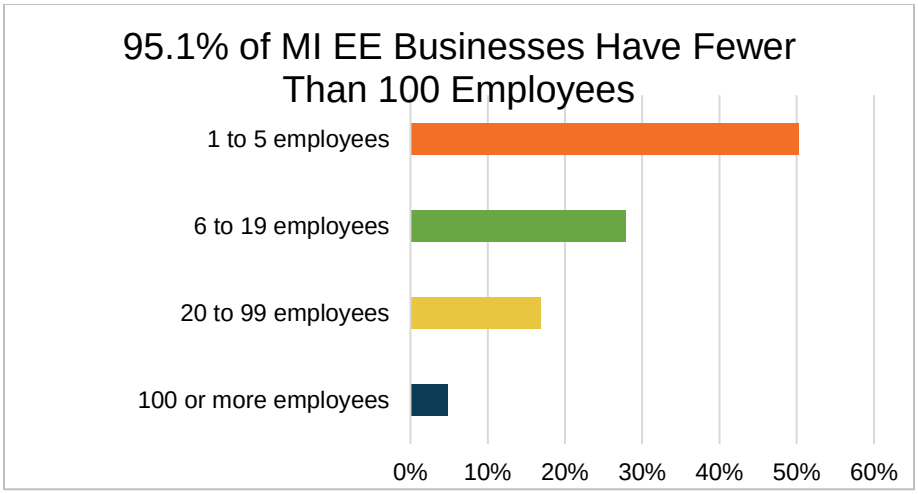
TDS = Transmission, Distribution & Storage
EPG = Electric Power Generation
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:

Updated April 2025

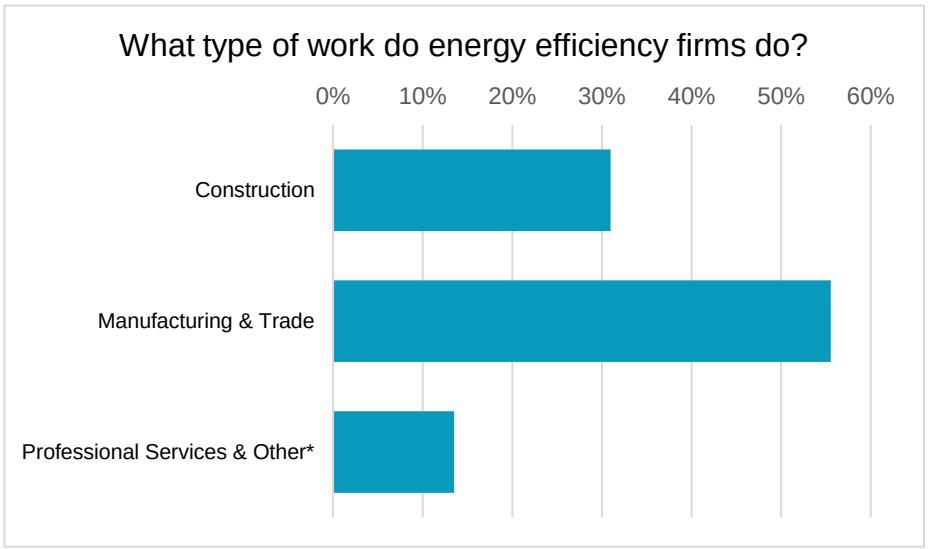
What does EE look like in Michigan?



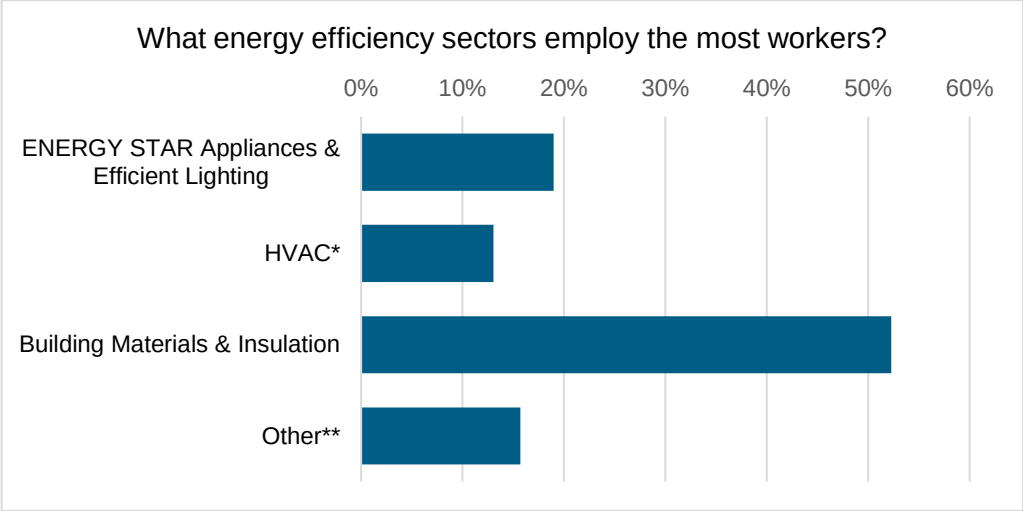


18,795
EE businesses in Michigan

EE construction workers comprise **13%** of Michigan's construction workforce



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



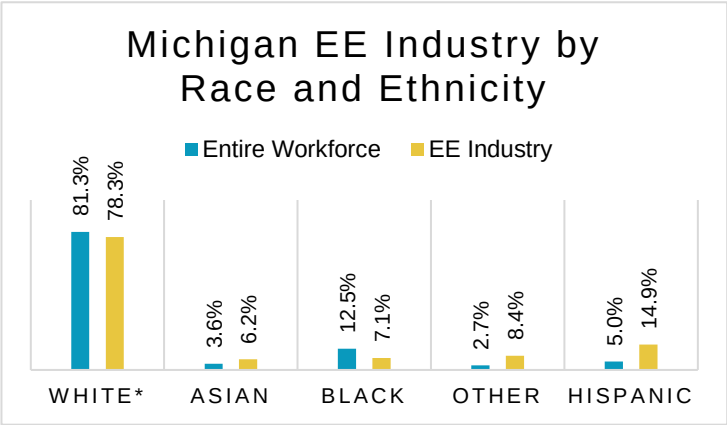
*Heating, ventilation, air conditioning of higher than standard efficiency/renewable heating & cooling
**Other such as energy audits, building certifications, and software services

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

How is EE doing on diversity in Michigan?

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 Michigan 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 Michigan businesses.

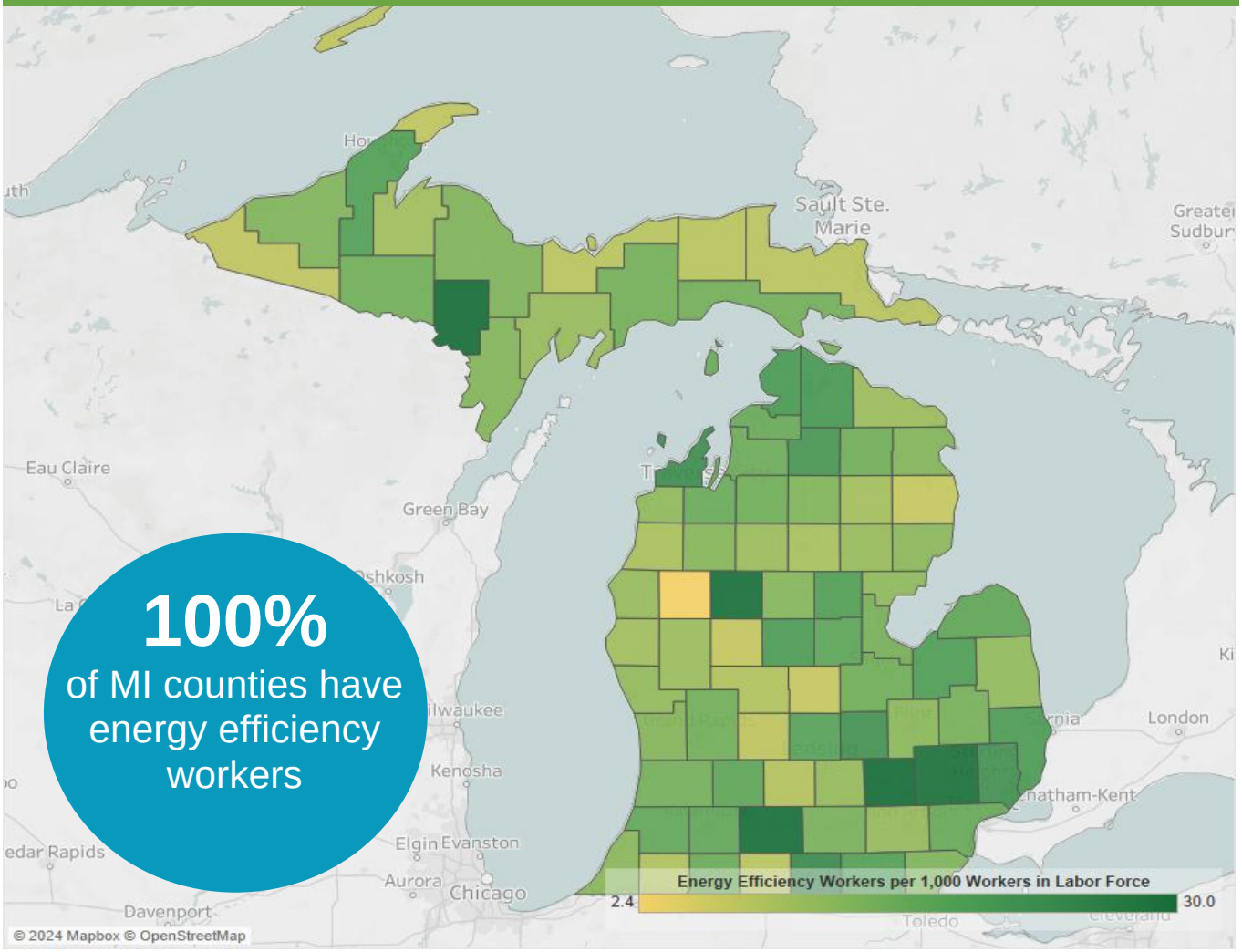


*Includes non-Hispanic and Hispanic whites.

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 MI counties have energy efficiency workers

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/330956.

Congressional				Metropolitan Areas			
District	Jobs	District	Jobs	Area	Jobs	Area	Jobs
1	5,199	9	7,454	Ann Arbor	2,408	Kalamazoo-Portage	2,310
2	3,640	10	7,844	Battle Creek	1,605	Lansing-East Lansing	2,435
3	5,209	11	12,502	Bay City	473	Monroe	555
4	4,798	12	5,123	Detroit-Warren-Dearborn	42,765	Muskegon	705
5	4,221	13	4,402	Flint	1,625	Niles-Benton Harbor	733
6	6,697			Grand Rapids-Wyoming	8,165	Saginaw	1,181
7	5,989			Holland	583	South Bend-Mishawaka	78
8	3,428			Jackson	789	Rural	10,100

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	3,036	11	5,079	21	2,406	31	1,933
2	629	12	3,971	22	1,971	32	1,124
3	1,761	13	2,729	23	2,480	33	1,603
4	303	14	1,760	24	968	34	1,311
5	623	15	1,942	25	2,039	35	2,850
6	1,140	16	2,031	26	3,444	36	1,617
7	2,457	17	1,742	27	1,098	37	2,179
8	3,334	18	2,332	28	3,652	38	2,304
9	1,620	19	2,302	29	368		
10	1,165	20	1,964	30	1,240		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	533	35	2,049	69	48	103	879
2	265	36	524	70	719	104	441
3	714	37	1,749	71	219	105	1,261
4	591	38	1,721	72	2,038	106	929
5	734	39	370	73	2,316	107	582
6	865	40	1,260	74	1,250	108	863
7	91	41	1,186	75	337	109	686
8	495	42	1,286	76	<10	110	754
9	174	43	502	77	103		
10	<10	44	356	78	502		
11	1,084	45	415	79	399		
12	1,069	46	439	80	1,152		
13	713	47	819	81	902		
14	440	48	533	82	520		
15	86	49	94	83	425		
16	<10	50	338	84	537		
17	712	51	140	85	651		
18	1,113	52	1,770	86	260		
19	575	53	762	87	204		
20	1,367	54	411	88	678		
21	<10	55	<10	89	557		
22	551	56	409	90	<10		
23	121	57	775	91	911		
24	918	58	681	92	112		
25	718	59	1,127	93	363		
26	1,804	60	1,637	94	1,138		
27	659	61	84	95	256		
28	483	62	991	96	339		
29	1,756	63	366	97	694		
30	868	64	781	98	660		
31	460	65	151	99	409		
32	491	66	1,012	100	514		
33	314	67	1,343	101	1,535		
34	1,054	68	1,084	102	354		

The Building Performance Association (BPA) is a 501(c) 6 nonprofit industry association that serves as the hub for businesses, nonprofits, and government agencies working to make America's homes more comfortable, healthy, and energy efficient. Our mission is to transform the market for the home performance industry through advocacy, education, professional development, and networking. Visit www.building-performance.org

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.

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 U.S. Energy and Employment Report, August 2024, 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