

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

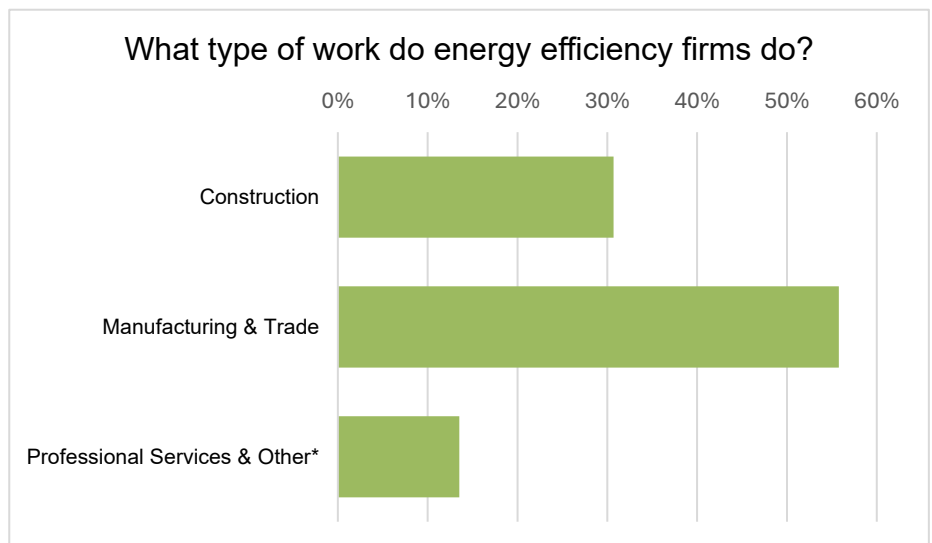
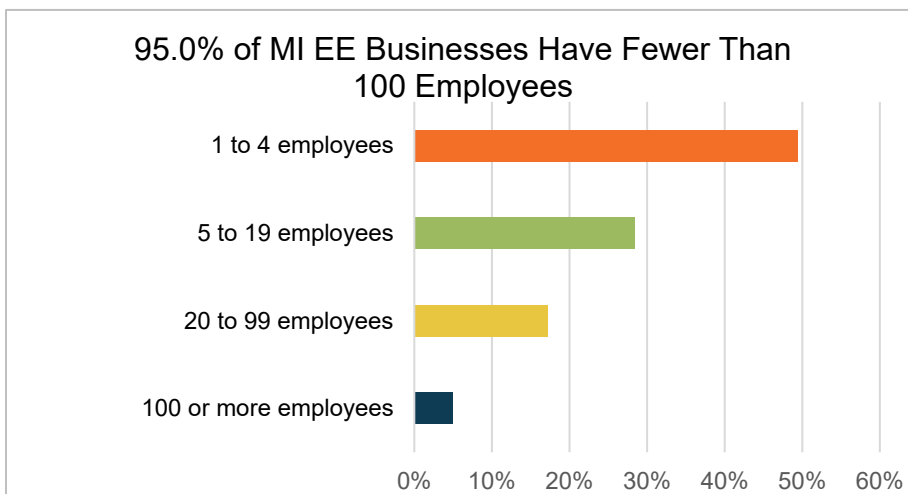
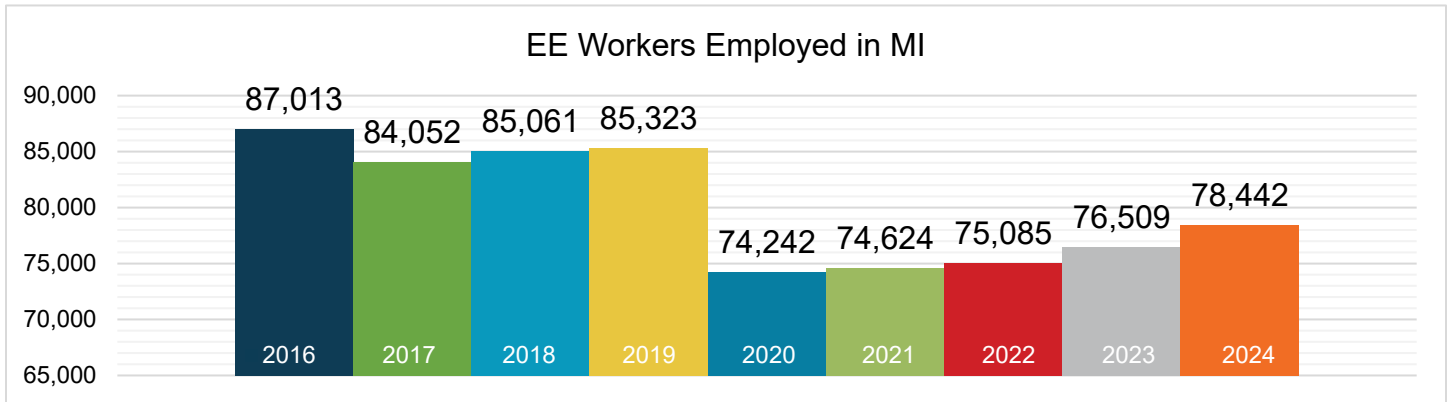
EPG = Electric Power Generation

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

Presented by:

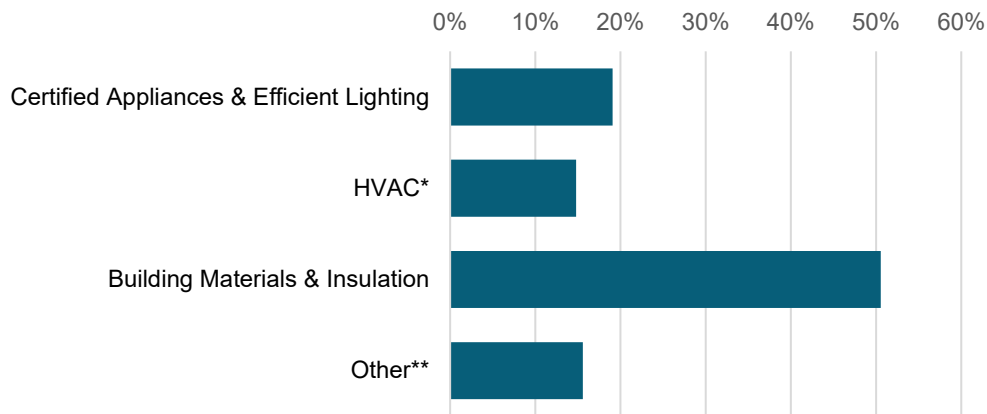


What does EE look like in Michigan?



*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

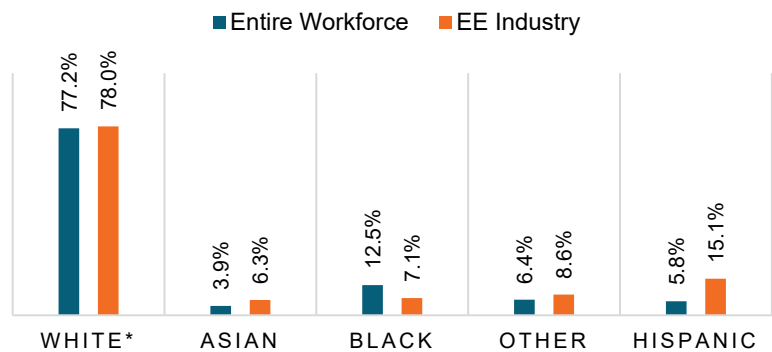


How representative is the EE workforce in Michigan?

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.

Michigan EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

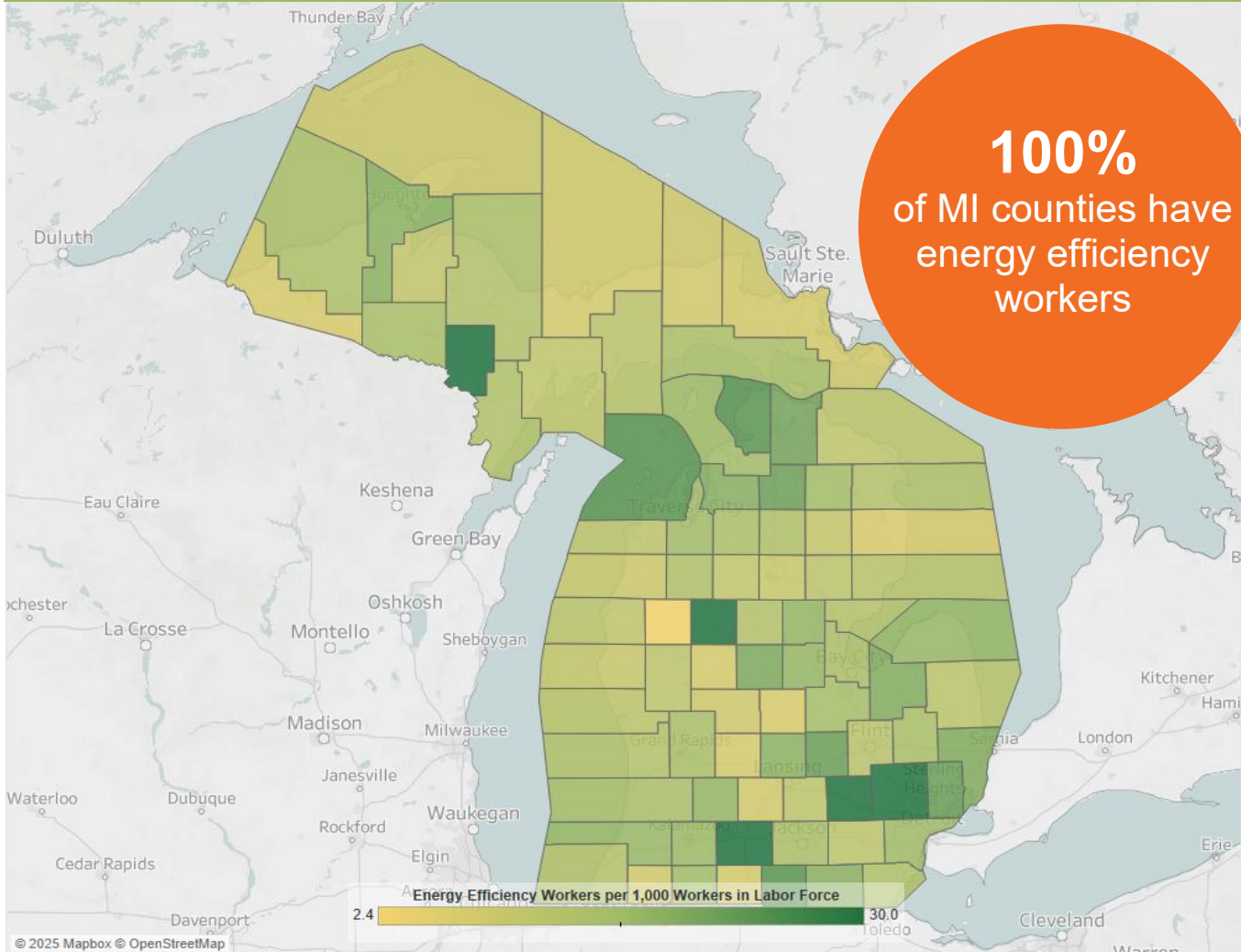
Gender in the Michigan EE Workforce



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 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	4,409	9	6,713	Ann Arbor	2,464	Kalamazoo-Portage	2,361
2	3,382	10	7,490	Battle Creek	1,642	Lansing-East Lansing	2,503
3	6,667	11	13,187	Bay City	491	Monroe	567
4	5,525	12	6,000	Detroit-Warren-Dearborn	43,782	Muskegon	736
5	3,822	13	5,457	Flint	1,661	Niles-Benton Harbor	751
6	5,926			Grand Rapids-Wyoming	8,391	Saginaw	1,205
7	5,802			Holland	596	South Bend-Mishawaka	80
8	4,060			Jackson	807	Rural	10,404



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.

