

Hawaii

Energy Efficiency Jobs in America

6,095
Total Jobs

What are EE jobs?

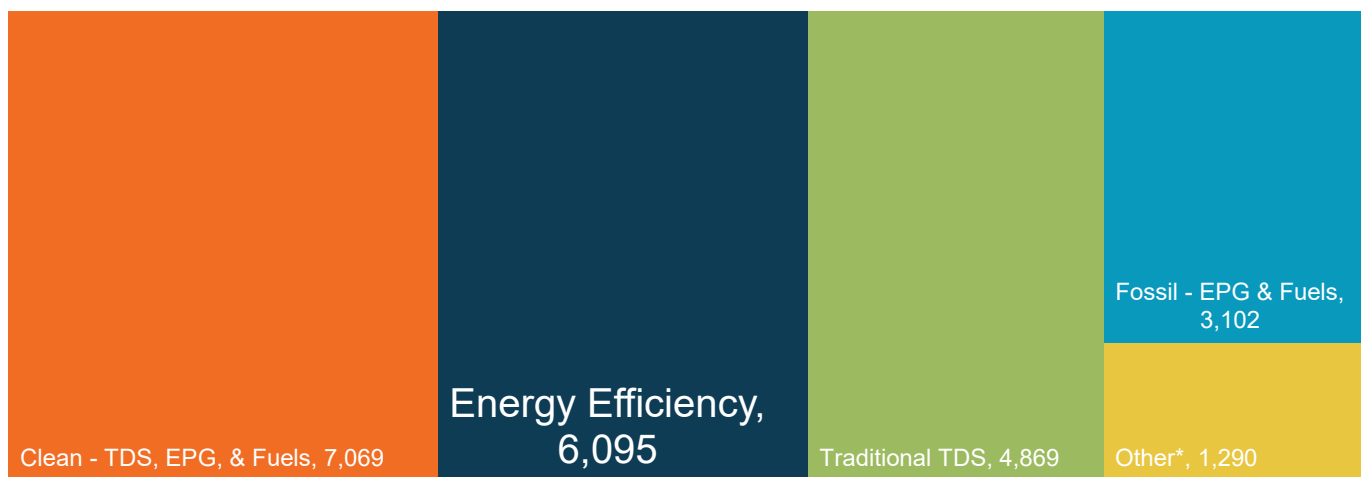
Jobs that reduce energy use by improving efficiency in appliances, buildings, data systems, financing, new technologies, and more.

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 Hawaii?

Energy efficiency is the second largest energy sector in Hawaii.



TDS = Transmission, Distribution, & Storage

EPG = Electric Power Generation

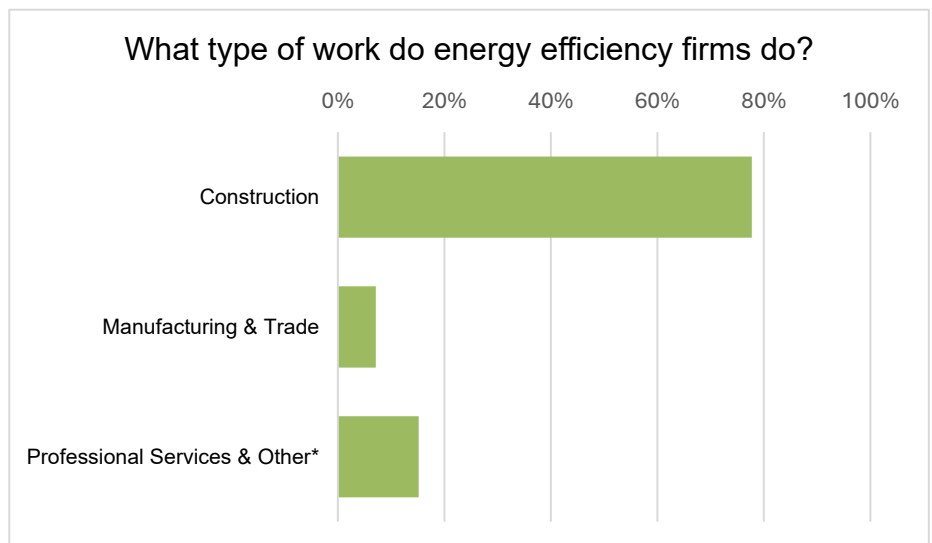
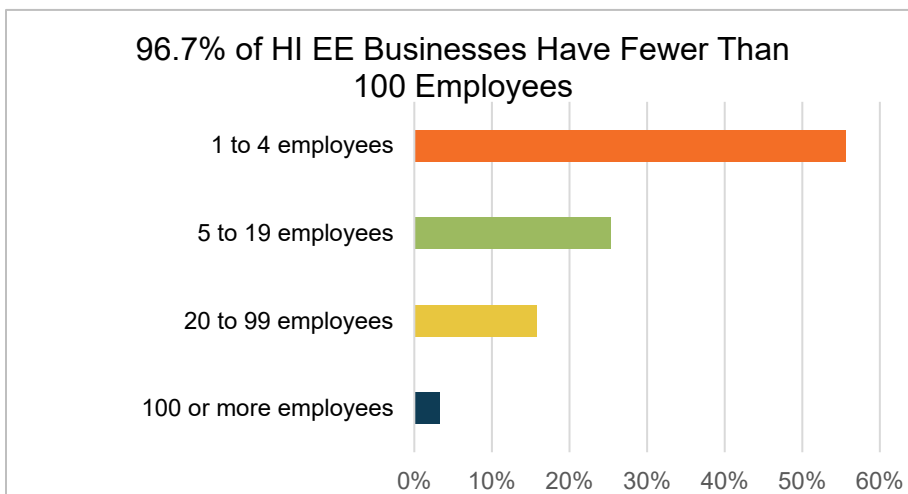
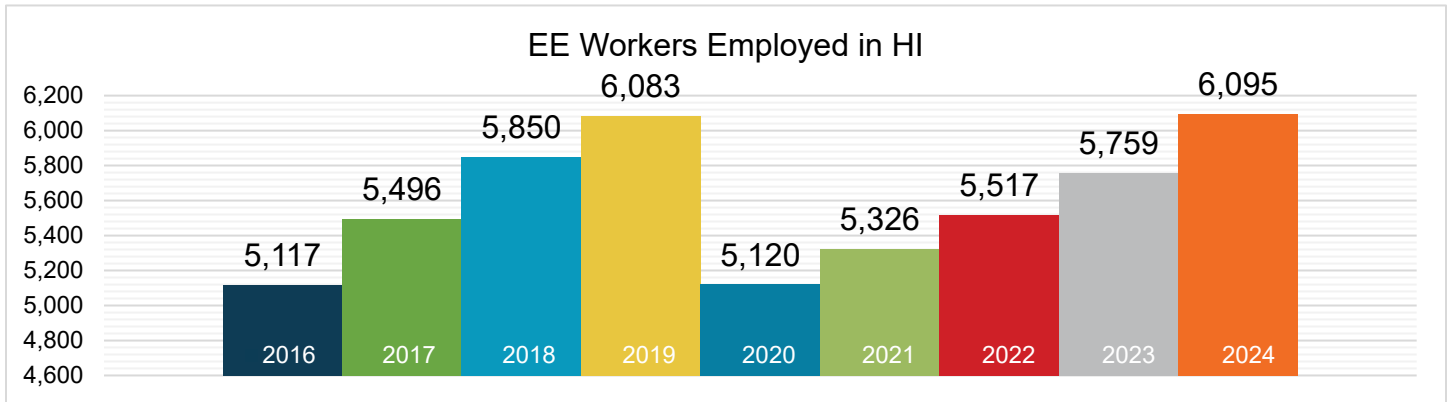
**Nuclear - EPG & Fuels = 5

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

Presented by:

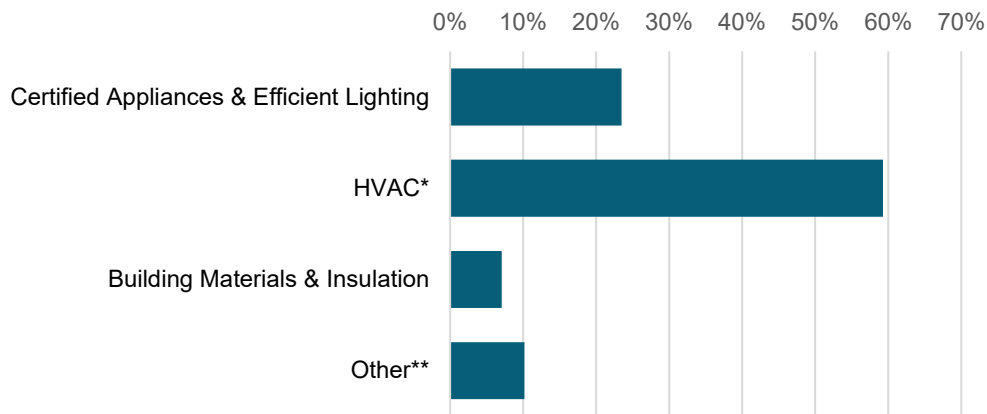


What does EE look like in Hawaii?



*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 Hawaii
EE workers are
veterans

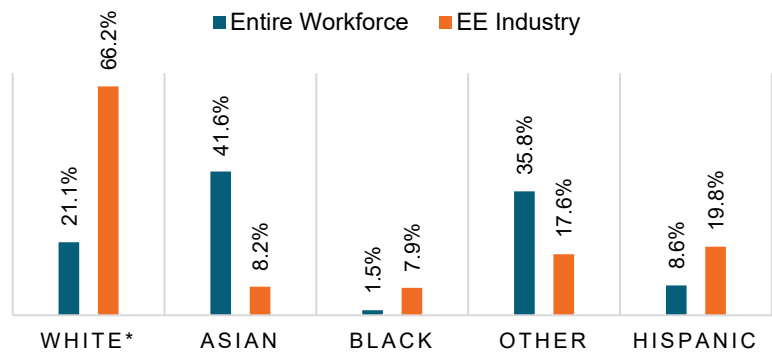


How representative is the EE workforce in Hawaii?

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

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

Hawaii EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

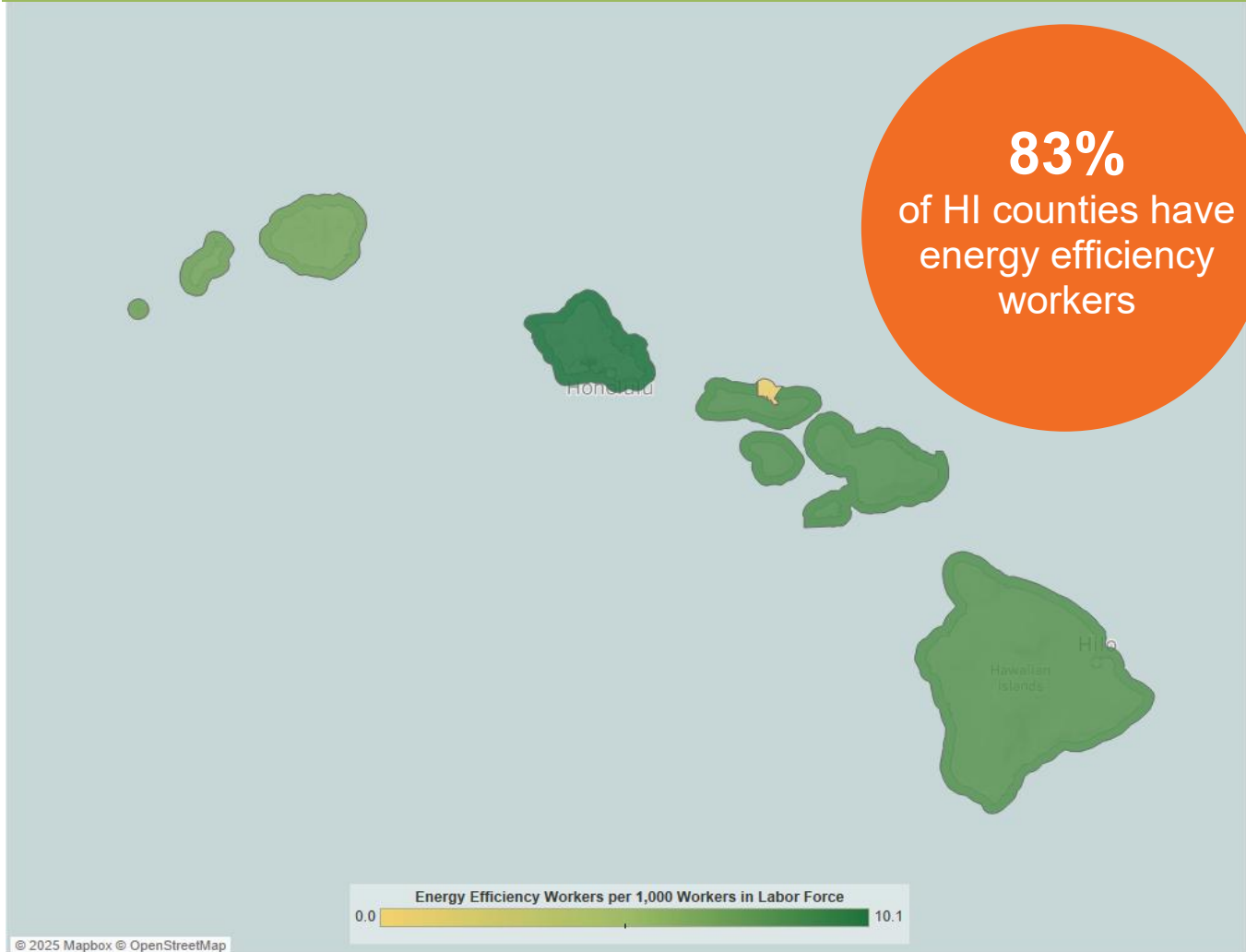
Gender in the Hawaii EE Workforce



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



Congressional			Metropolitan Areas	
District	Jobs		Area	Jobs
1	3,496		Honolulu	4,645
2	2,599		Rural	1,450

State Senate							
District	Jobs		District	Jobs		District	Jobs
1	150		11	193		21	213
2	153		12	242		22	234
3	184		13	380		23	169
4	108		14	243		24	497
5	219		15	258		25	190
6	187		16	362			
7	201		17	433			
8	227		18	81			
9	89		19	352			
10	368		20	362			

State House of Representatives							
District	Jobs		District	Jobs		District	Jobs
1	39		18	133		35	168
2	131		19	84		36	333
3	11		20	<10		37	<10
4	99		21	220		38	234
5	80		22	182		39	102
6	22		23	128		40	343
7	107		24	123		41	<10
8	74		25	223		42	<10
9	96		26	<10		43	201
10	112		27	<10		44	<10
11	96		28	243		45	222
12	96		29	228		46	195
13	94		30	<10		47	134
14	81		31	243		48	253
15	91		32	<10		49	103
16	50		33	183		50	224
17	74	34	160	51	47		





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.

