

Connecticut

Energy Efficiency Jobs in America

36,268
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 Connecticut?

Energy efficiency is the largest energy sector in Connecticut.



TDS = Transmission, Distribution, & Storage

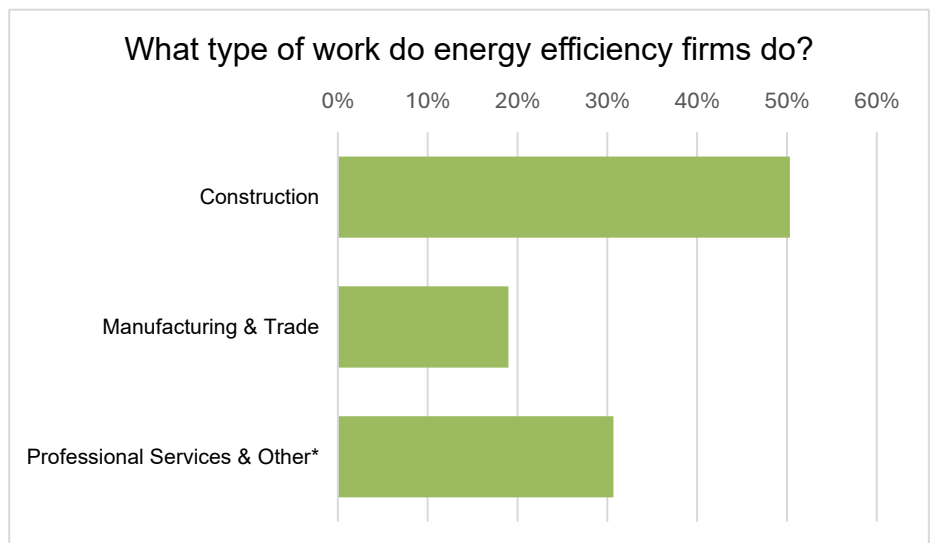
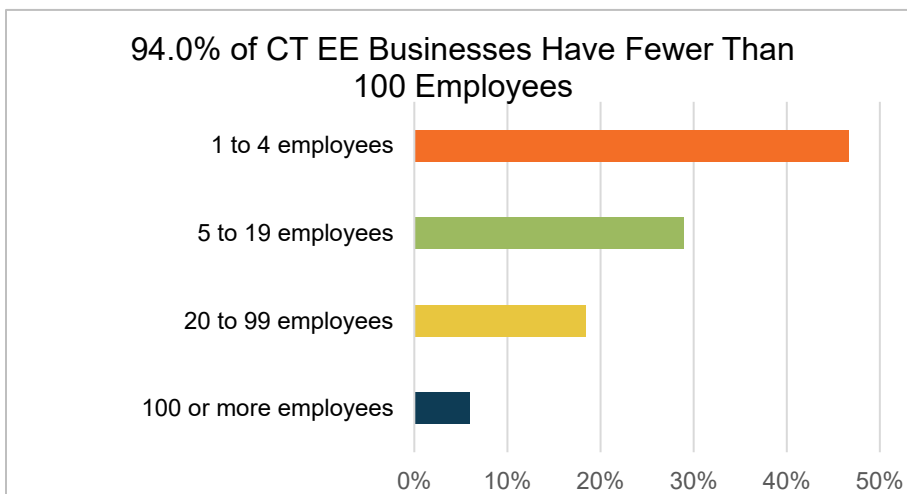
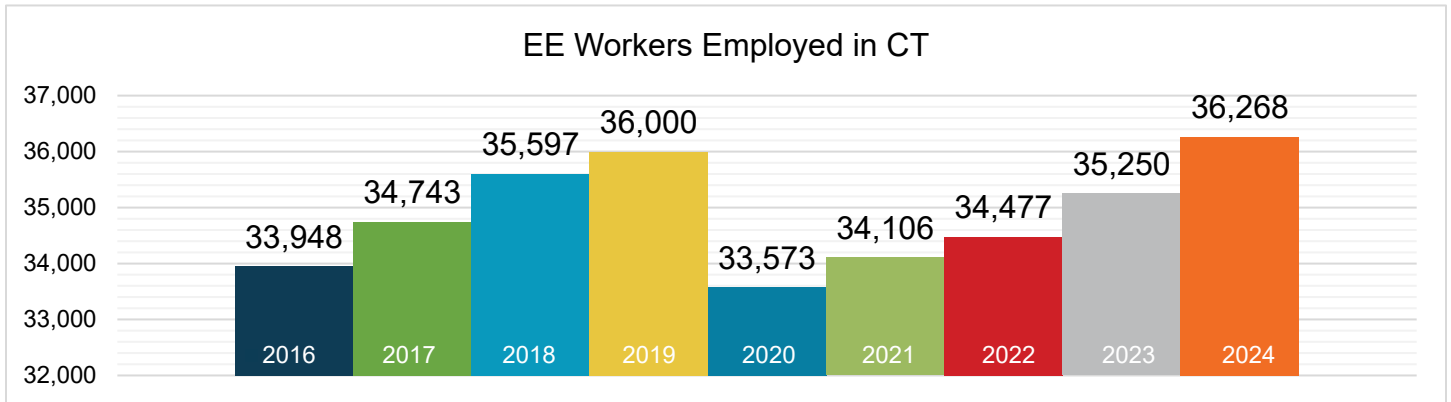
EPG = Electric Power Generation

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

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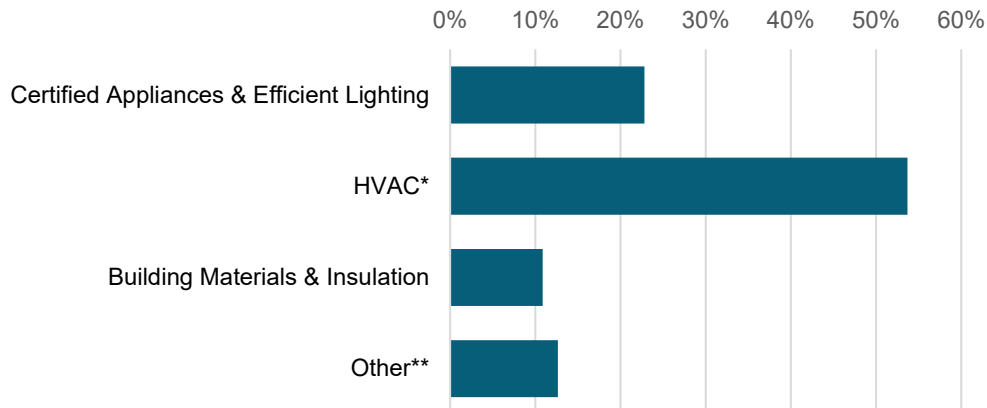


What does EE look like in Connecticut?



*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

8%
of Connecticut
EE workers are
veterans

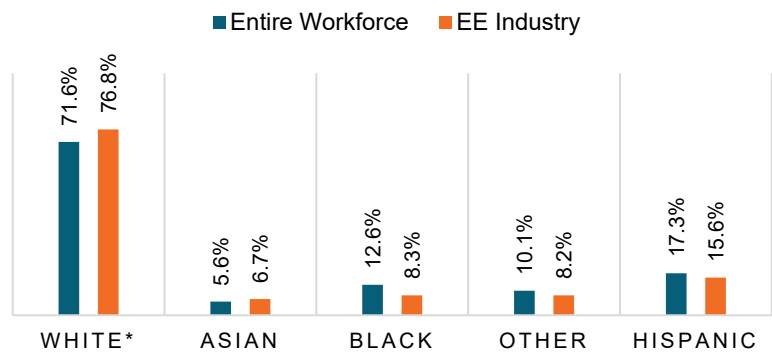


How representative is the EE workforce in Connecticut?

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

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

Connecticut EE Industry by Race and Ethnicity



*Includes non-Hispanic and Hispanic whites.

Gender in the Connecticut EE Workforce

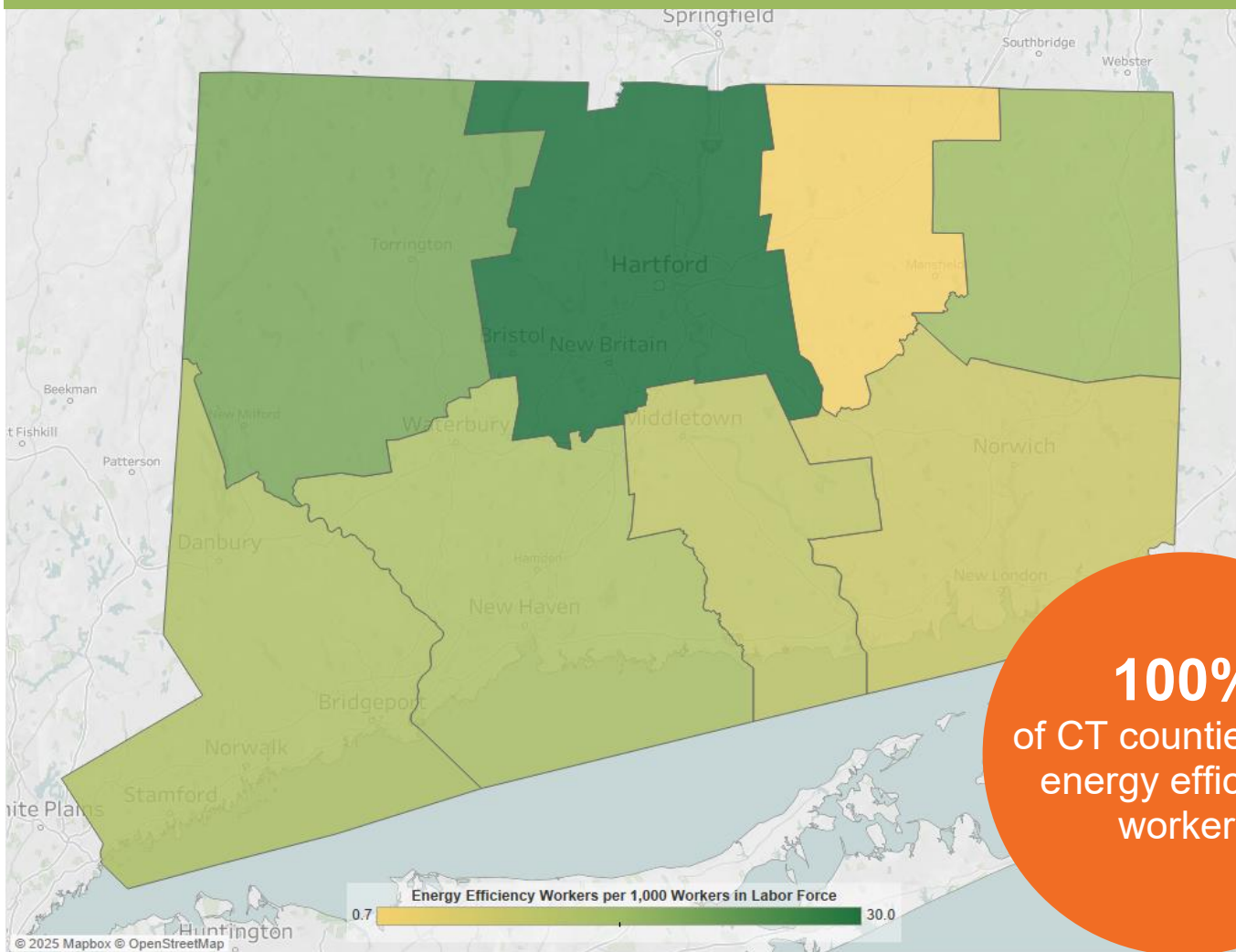


Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Nonbinary gender data is missing from this document due to this limitation.



Energy efficiency jobs are everywhere

EE Jobs by County



100%
of CT 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/348937>.

Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	9,474	Bridgeport-Stamford-Norwalk	10,131
2	5,199	Hartford-West Hartford-East Hartford	13,878
3	7,063	New Haven-Milford	7,289
4	9,202	Norwich-New London	1,991
5	5,330	Rural	2,980

State Senate

District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	1,982		11	1,172		21	1,599		31	742
2	796		12	1,086		22	649		32	774
3	1,350		13	1,121		23	81		33	978
4	1,003		14	962		24	1,849		34	<10
5	1,121		15	946		25	2,190		35	356
6	475		16	580		26	1,355		36	1,292
7	754		17	260		27	2,364			
8	1,124		18	834		28	1,168			
9	1,467		19	674		29	461			
10	1,160		20	1,040		30	497			

State House of Representatives

District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	219		32	36		63	228		125	605
2	1,712		33	284		64	599		126	153
3	543		34	647		65	261		127	160
4	1,087		35	298		66	<10		128	<10
5	219		36	215		67	469		129	461
6	<10		37	434		68	292		130	<10
7	67		38	127		69	200		131	68
8	392		39	524		70	283		132	316
9	903		40	<10		71	210		133	<10
10	1,044		41	375		72	133		134	440
11	<10		42	<10		73	322		135	672
12	503		43	249		74	160		136	177
13	<10		44	127		75	<10		137	<10
14	508		45	183		76	<10		138	187
15	<10		46	42		77	92		139	<10
16	523		47	307		78	421		140	<10
17	467		48	223		79	<10		141	171
18	193		49	120		80	85		142	831
19	459		50	30		81	<10		143	<10
20	381		51	231		82	103		144	786
21	<10		52	121		83	<10		145	144
22	85		53	118		84	98		146	<10
23	256		54	17		85	288		147	1,146
24	469		55	<10		86	<10		148	<10
25	480		56	172		87	<10		149	<10
26	<10		57	<10		88	1,136		150	26
27	<10		58	290		89	393		151	<10
28	<10		59	268		90	<10			
29	212		60	<10		91	462			
30	551		61	113		92	492			
31	554		62	258		93	<10			





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.

