Washington

Energy Efficiency Jobs in America

61,884
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.

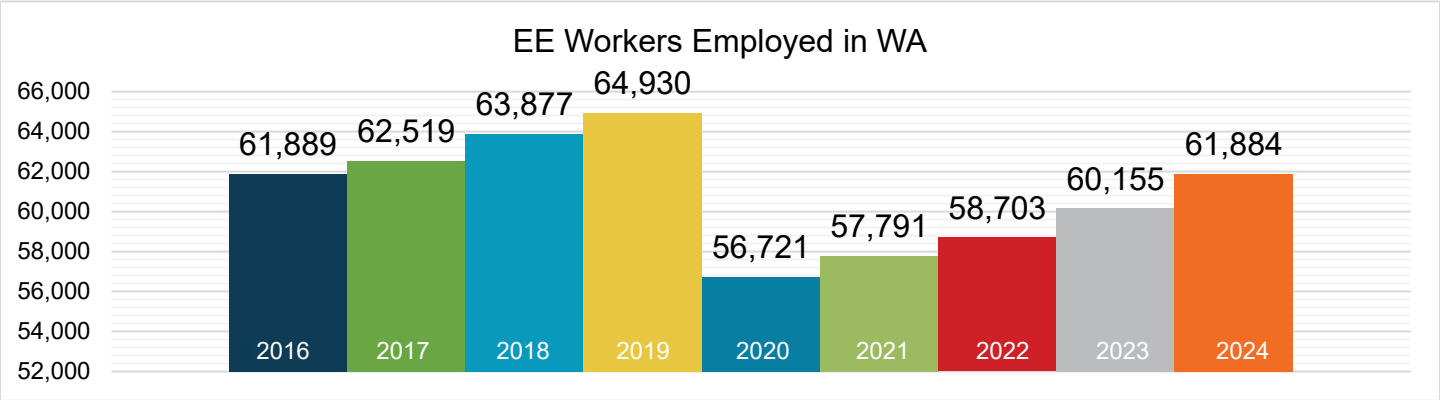
How does EE compare to other energy sectors in Washington?

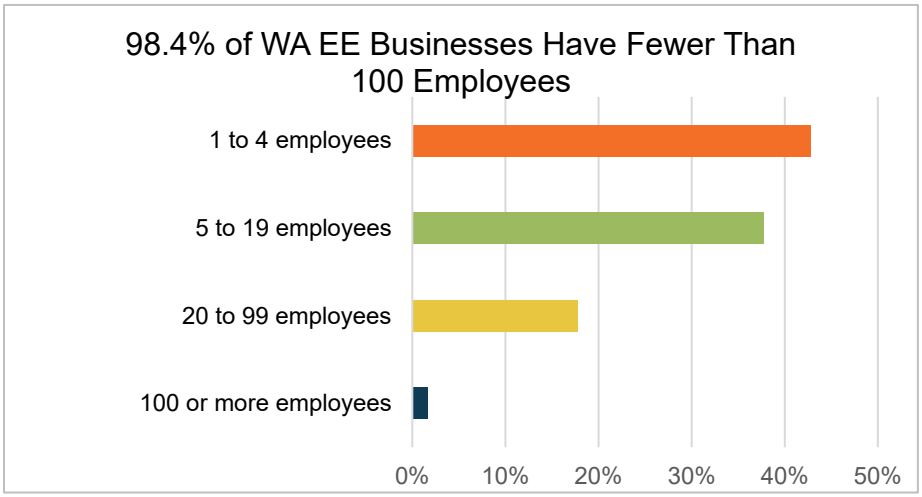
Energy efficiency is the largest energy sector in Washington.

TDS = Transmission, Distribution, & Storage
EPG = Electric Power Generation
**Nuclear - EPG & Fuels = 678
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:

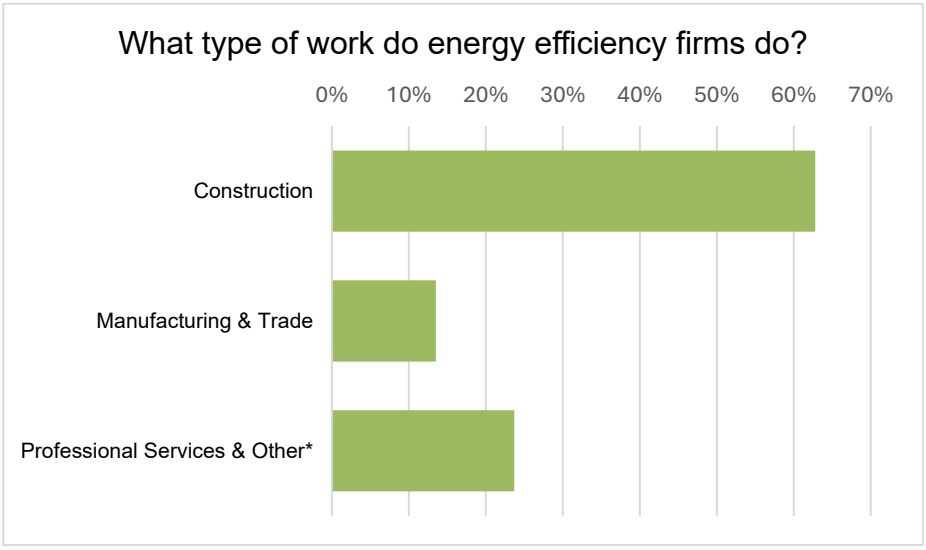
What does EE look like in Washington?



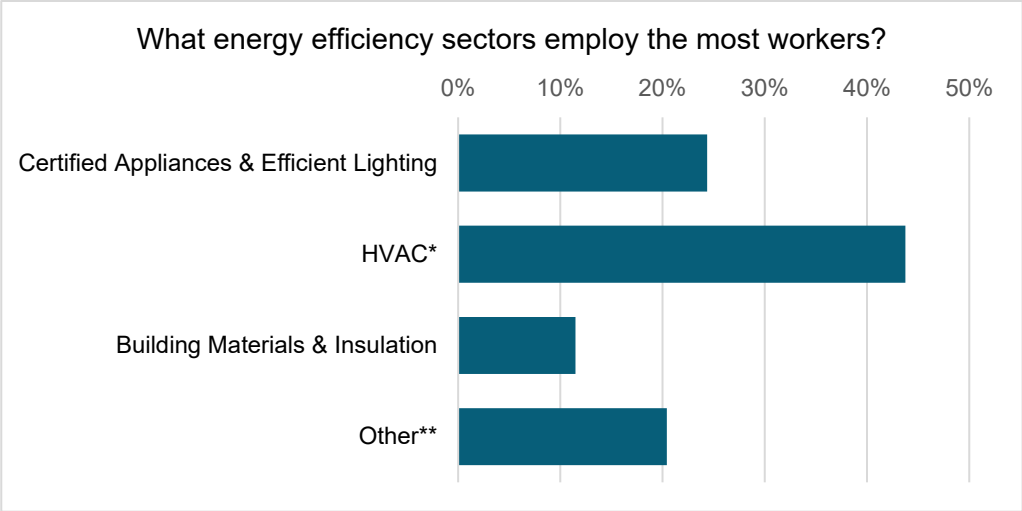


12,068
EE businesses in Washington

EE construction workers comprise **18%** of Washington's construction workforce



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



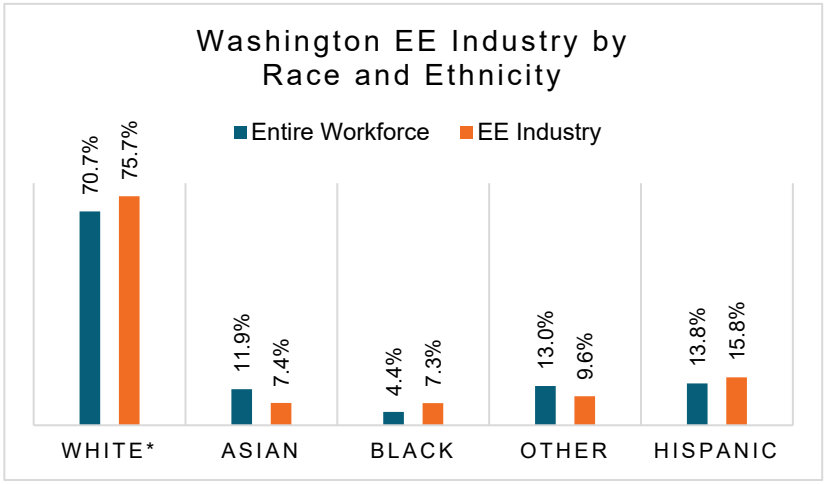
9% of Washington EE workers are **veterans**

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

How representative is the EE workforce in Washington?

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

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



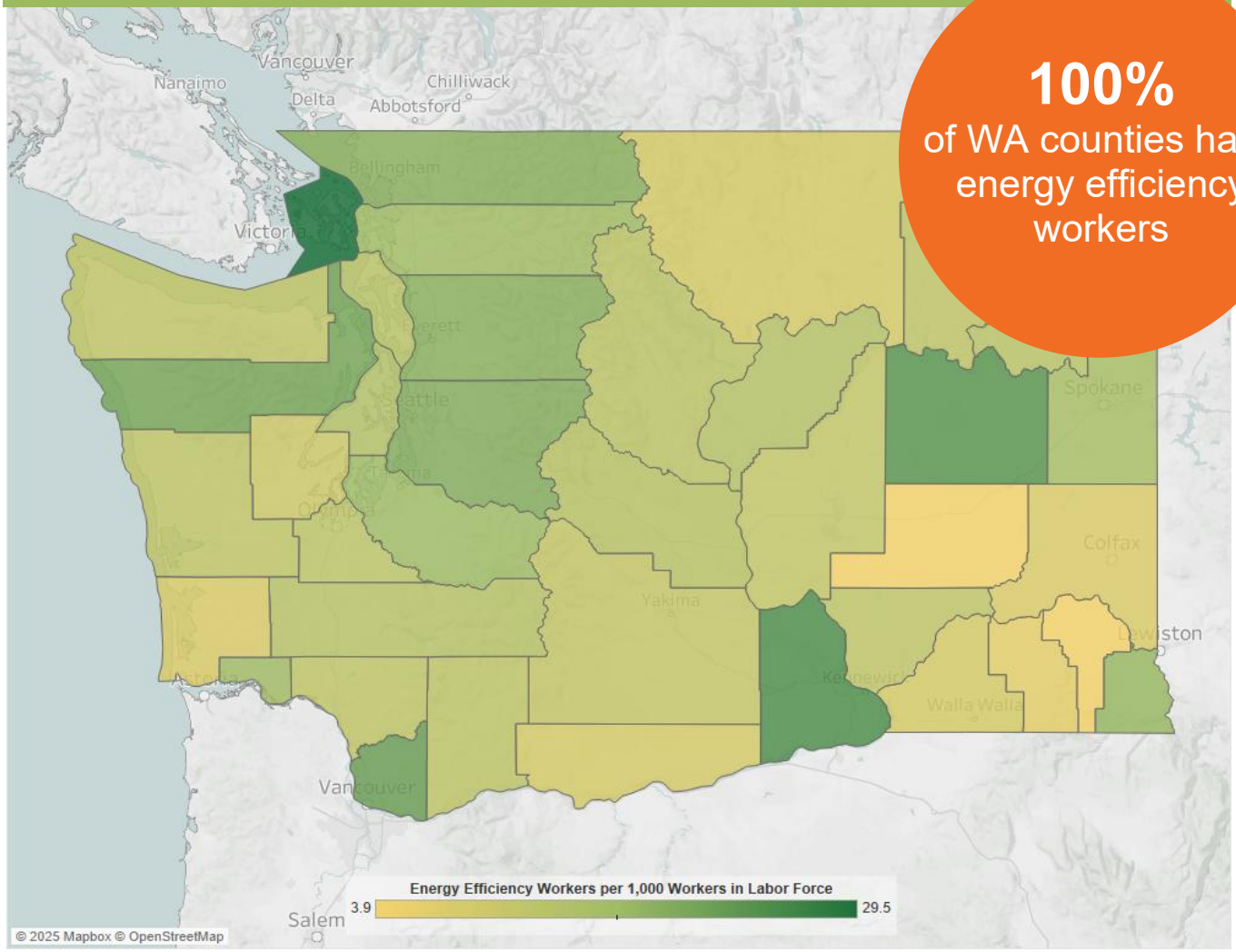
*Includes non-Hispanic and Hispanic whites.

Gender in the Washington 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 WA counties have energy efficiency workers

Congressional

District	Jobs	District	Jobs
1	7,829	8	6,442
2	5,056	9	9,417
3	5,087	10	4,750
4	4,879		
5	4,655		
6	3,647		
7	10,121		

Metropolitan Areas

Area	Jobs	Area	Jobs
Bellingham	1,771	Portland-Vancouver-Hillsboro	4,035
Bremerton-Silverdale	1,294	Seattle-Tacoma-Bellevue	39,510
Kennewick-Richland	2,849	Spokane-Spokane Valley	3,964
Lewiston	117	Wenatchee	680
Longview	497	Yakima	1,194
Mount Vernon-Anacortes	863	Rural	3,536
Olympia-Tumwater	1,573		

State Senate							
District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,161	14	382	27	859	40	1,457
2	1,023	15	992	28	952	41	1,163
3	1,027	16	1,100	29	955	42	1,124
4	1,188	17	1,077	30	1,838	43	1,124
5	1,635	18	1,782	31	670	44	1,387
6	1,289	19	637	32	1,986	45	1,624
7	593	20	855	33	1,739	46	2,504
8	1,856	21	1,150	34	2,157	47	2,637
9	556	22	1,092	35	295	48	2,987
10	746	23	723	36	1,852	49	815
11	2,003	24	617	37	2,368		
12	1,405	25	1,081	38	836		
13	717	26	987	39	881		

State House of Representatives							
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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.