

# Washington

## Energy Efficiency Jobs in America



### 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 & industrial buildings.
- **Design and construct** high performance buildings such as those earning LEED certification.
- **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 Washington?

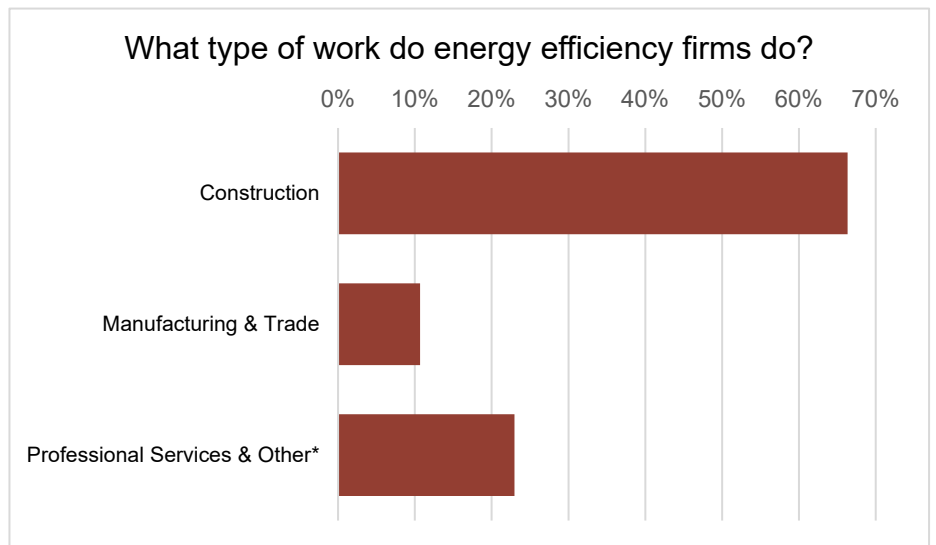
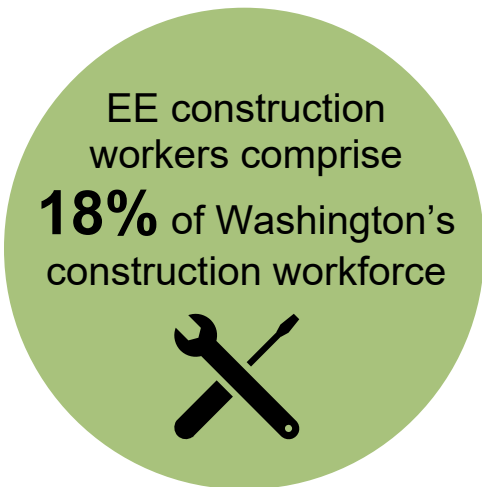
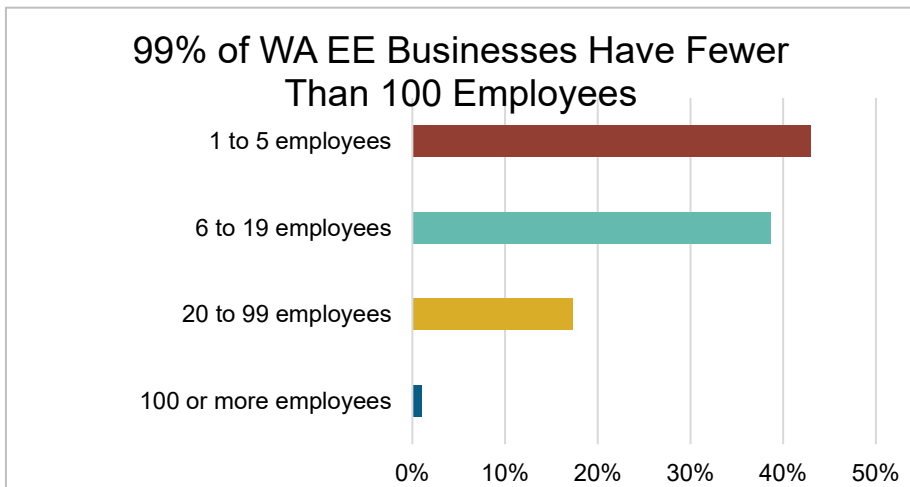
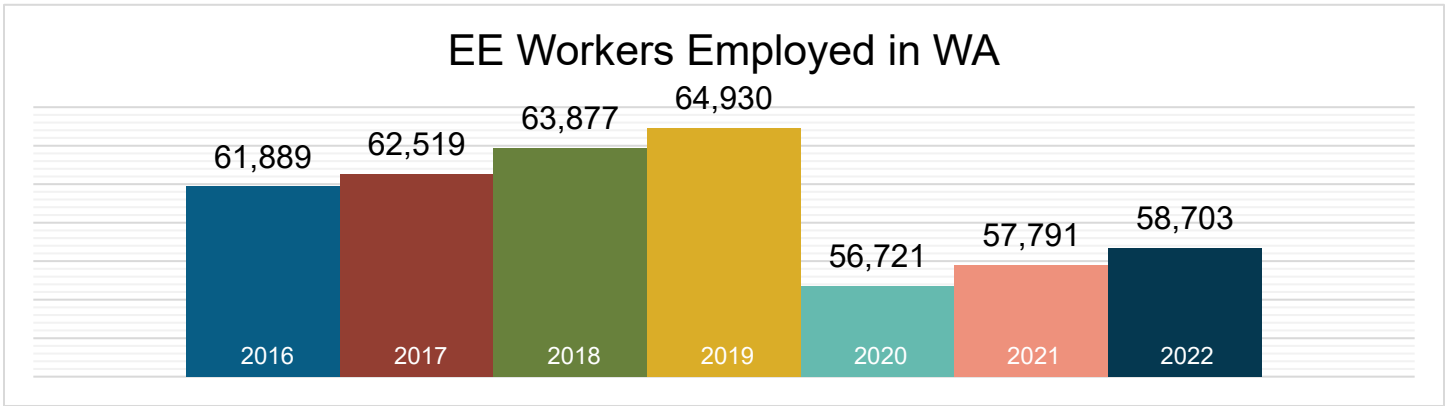
*Energy Efficiency is the largest energy sector in Washington.*



TDS = Transmission, Distribution & Storage  
EPG = Electric Power Generation  
Nuclear (EPG & Fuels) = 557

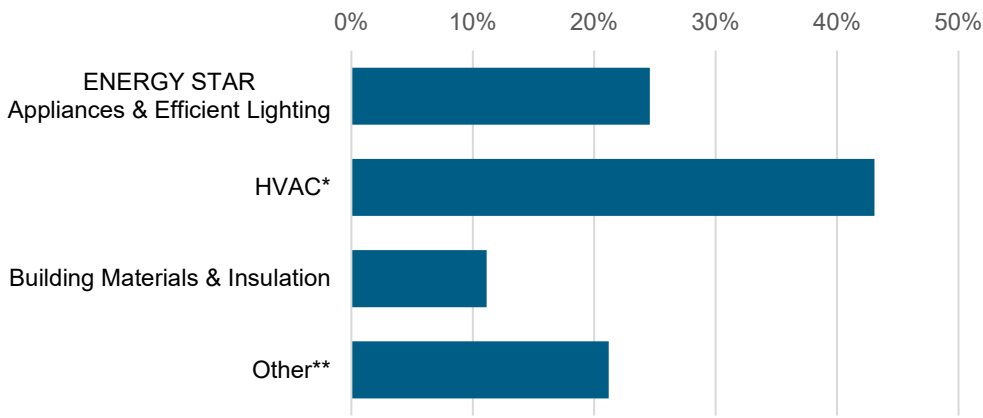
\*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

# What does EE look like in Washington?



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

### What energy efficiency sectors employ the most workers?



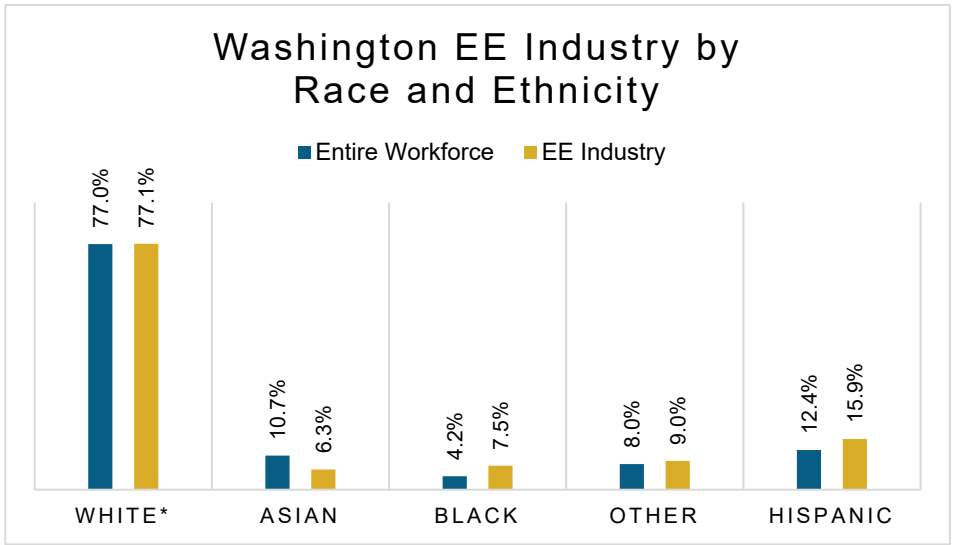
**9%**  
of Washington  
EE workers are  
**Veterans**

\*Heating, Ventilation, Air Conditioning of higher than standard efficiency/renewable heating & cooling  
\*\*Other such as energy audits, building certifications, and software services

## How is EE doing on diversity in Washington?

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 Washington 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 EE businesses.



\*Includes non-Hispanic and Hispanic whites.

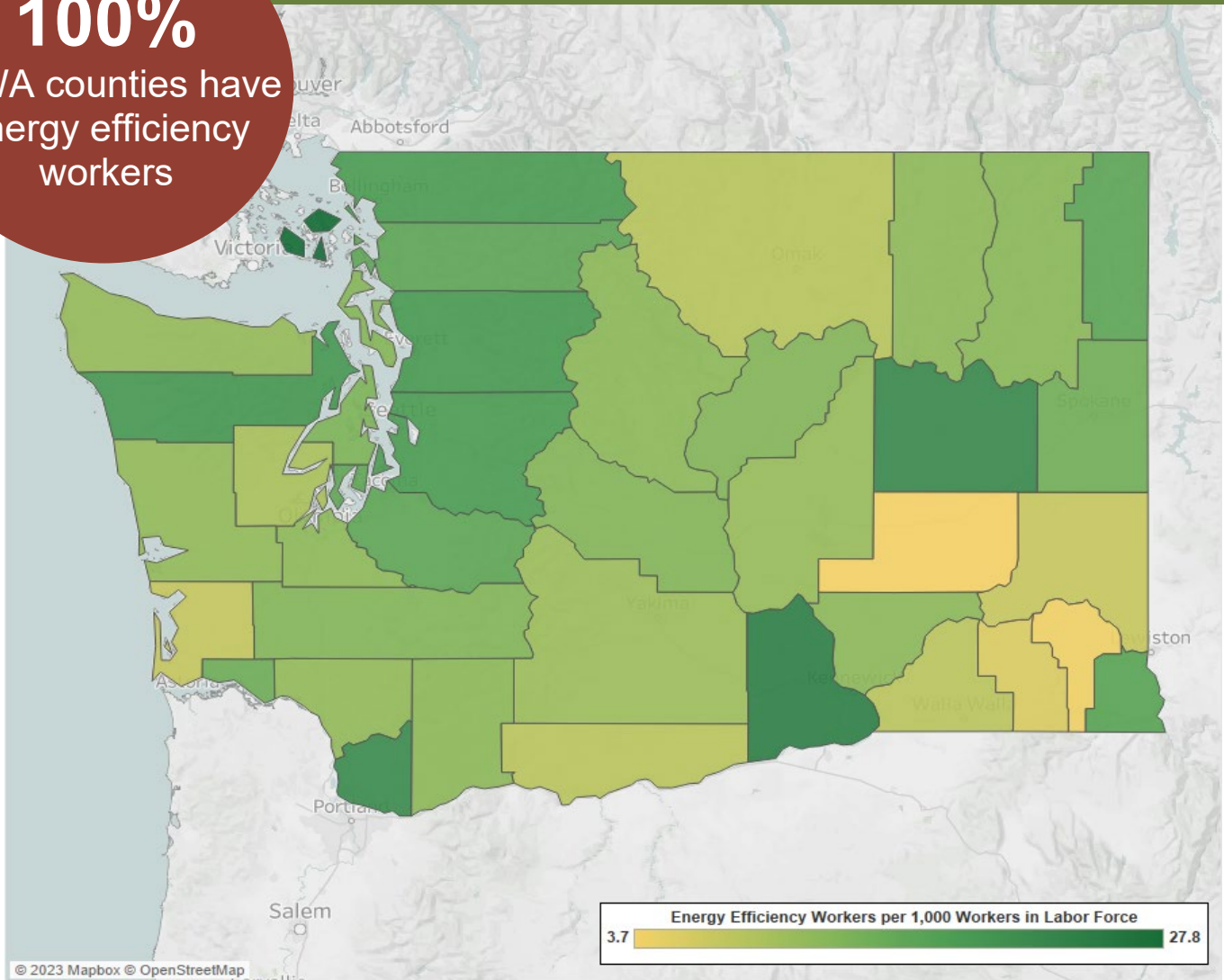


Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Non-binary gender data is missing from this document due to this limitation.

# Energy Efficiency Jobs are Everywhere

## EE Jobs by County

**100%**  
of WA counties have  
energy efficiency  
workers



Congressional				Metropolitan Areas			
District	Jobs	District	Jobs	Area	Jobs	Area	Jobs
1	10,784	8	5,703	Bellingham	1,696	Portland-Vancouver-Beaverton	3,862
2	4,816	9	2,834	Bremerton-Silverdale	1,238	Seattle-Tacoma-Bellevue	37,523
3	5,481	10	2,458	Kennewick-Richland	2,653	Spokane-Spokane Valley	3,637
4	4,128			Lewiston	112	Wenatchee	650
5	5,148			Longview	475	Yakima	1,142
6	6,360			Mount Vernon-Anacortes	826	Rural	3,385
7	10,990			Olympia-Tumwater	1,505		

## State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	2,686	14	1,441	27	1,474	40	2,092
2	1,438	15	103	28	757	41	3,136
3	2,763	16	168	29	342	42	642
4	1,000	17	2,084	30	1,304	43	1,120
5	2,173	18	627	31	90	44	<10
6	412	19	1,359	32	624	45	1,353
7	747	20	1,203	33	342	46	254
8	1,237	21	1,303	34	675	47	<10
9	994	22	506	35	437	48	<10
10	2,439	23	1,753	36	4,488	49	541
11	3,640	24	905	37	1,896		
12	1,049	25	1,170	38	1,209		
13	915	26	869	39	943		

## State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	2,685	14	1,460	27	1,475	40	2,079
2	1,438	15	103	28	757	41	3,137
3	2,774	16	169	29	<10	42	645
4	1,003	17	2,118	30	1,303	43	1,134
5	2,175	18	630	31	90	44	<10
6	413	19	1,363	32	624	45	1,353
7	750	20	1,212	33	352	46	255
8	1,242	21	1,303	34	679	47	<10
9	997	22	508	35	438	48	<10
10	2,472	23	1,759	36	4,563	49	543
11	3,729	24	907	37	1,903		
12	1,052	25	1,169	38	1,209		
13	918	26	869	39	944		



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E2 is a national, nonpartisan group of business leaders, investors and others who advocate for smart policies that are good for the environment and good for the economy. Visit [www.e2.org](http://www.e2.org).



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Data Source: Except for county data on page 4, all data are from the U.S. Energy and Employment Report, June 2023, 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.

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