Oregon

Energy Efficiency Jobs in America

40,259
Total Jobs

What are EE jobs?

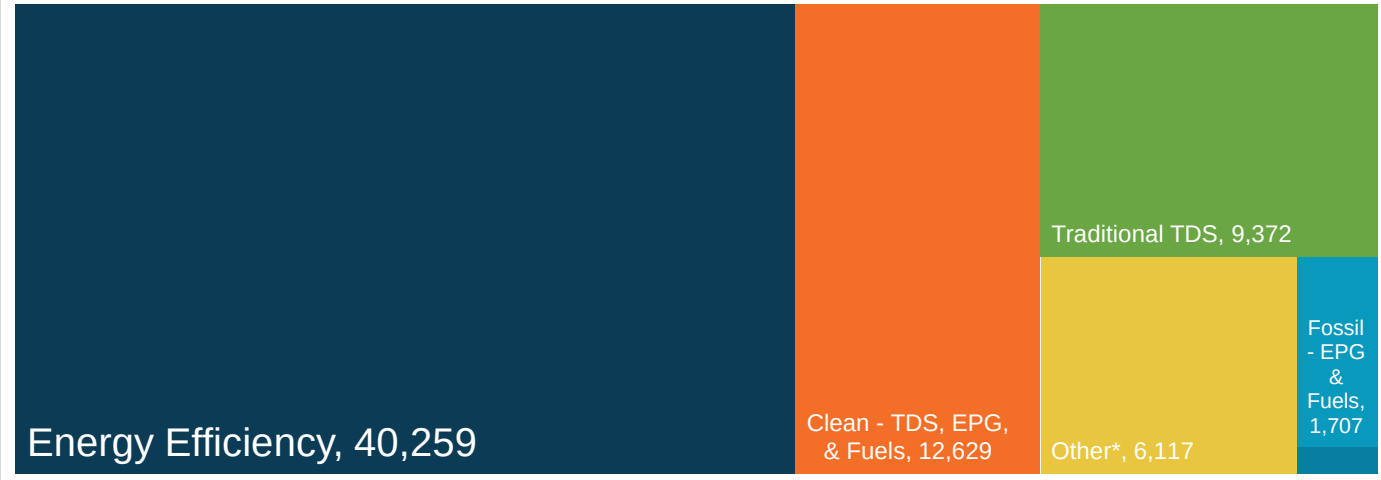
Jobs that deliver goods and services that lower energy use by improving energy efficiency with a focus on appliances, buildings, data systems, financing, new technologies, and more.

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 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 in Oregon?

Energy efficiency is the largest energy sector in Oregon.

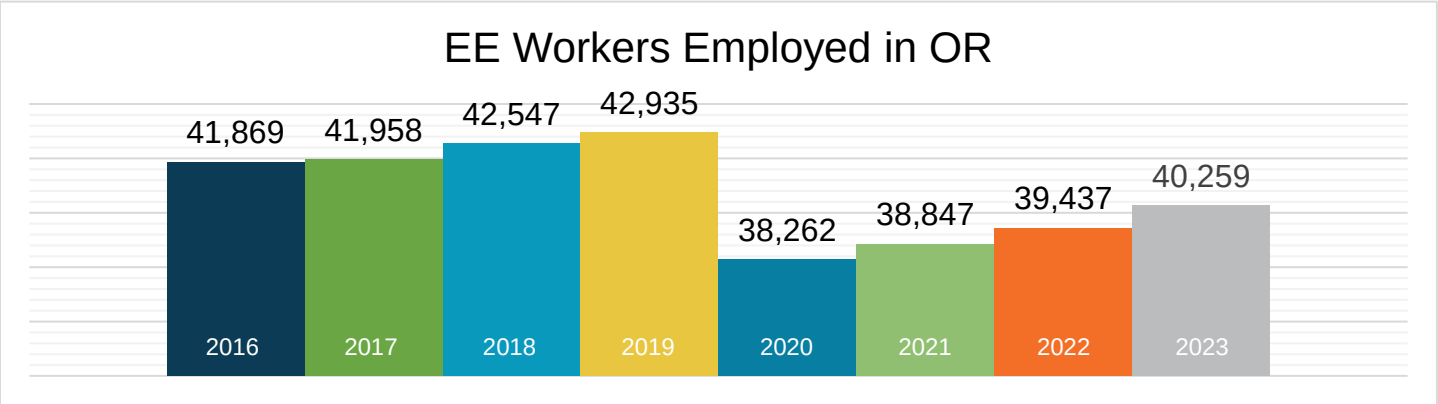


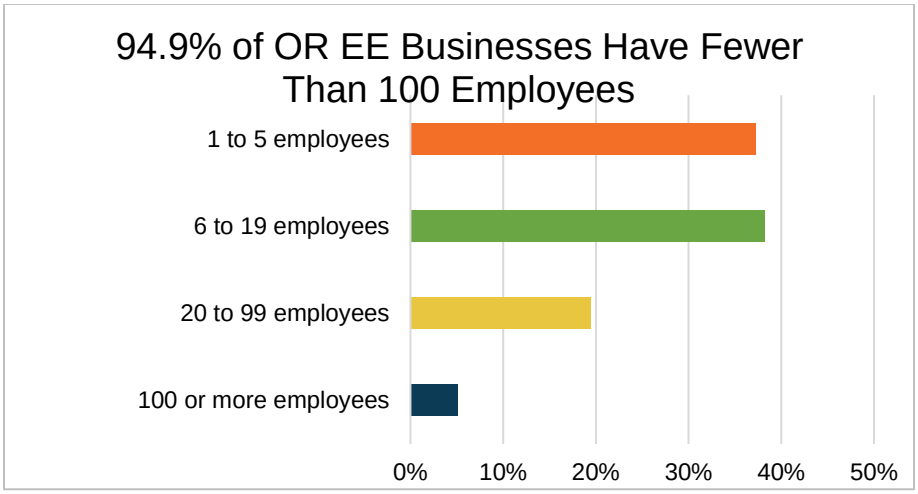
TDS = Transmission, Distribution & Storage
EPG = Electric Power Generation
Nuclear (EPG & Fuels) = 240
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

Presented by:

Updated April 2025

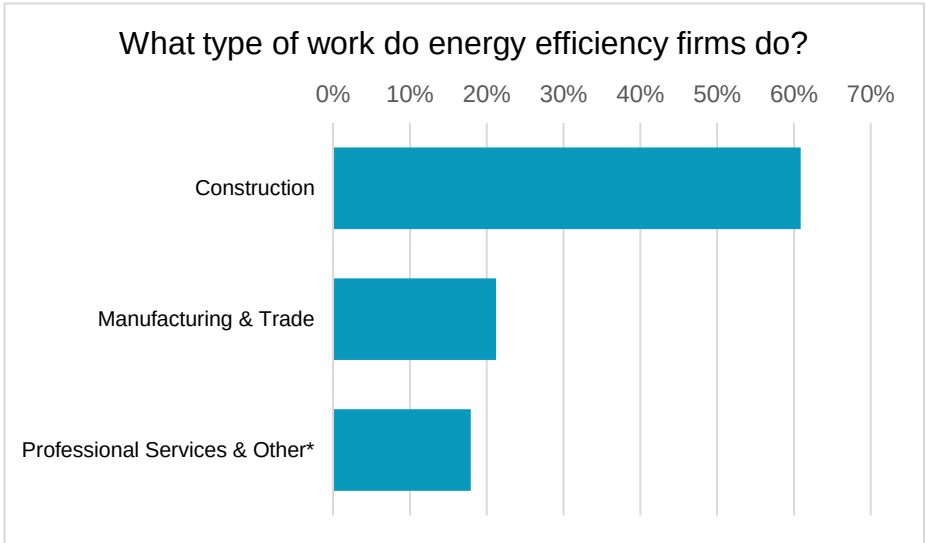
What does EE look like in Oregon?



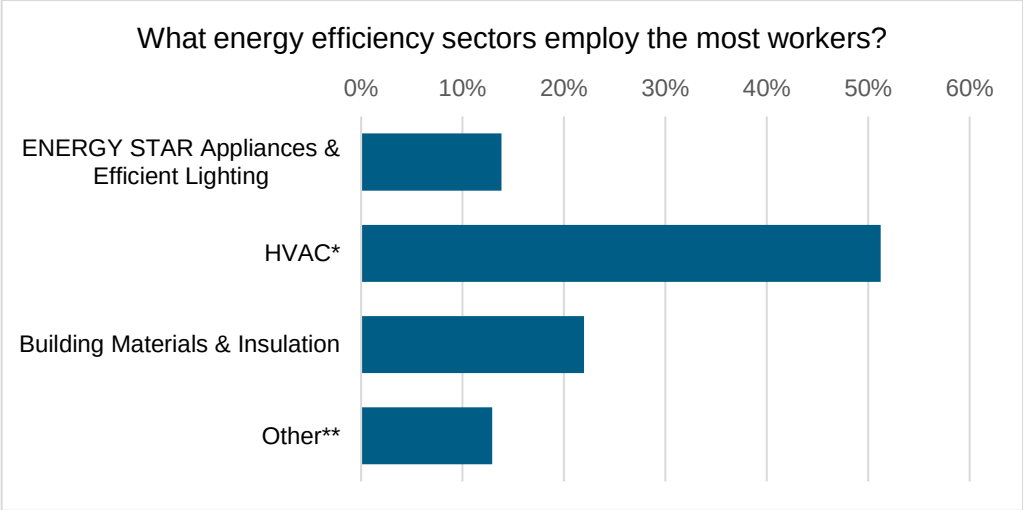


7,748
EE businesses in Oregon

EE construction workers comprise **21%** of Oregon's construction workforce



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



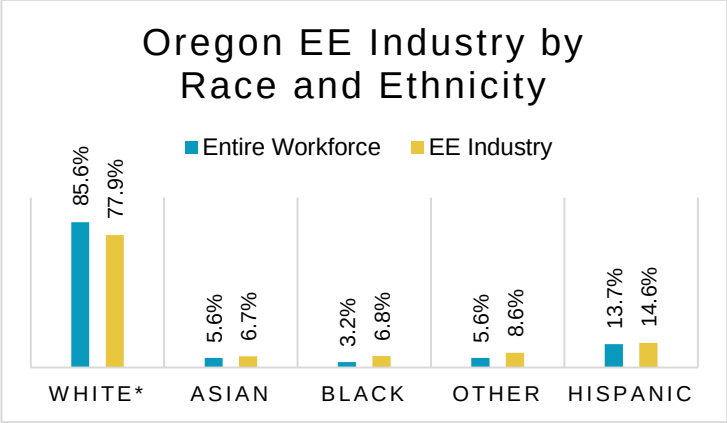
*Heating, ventilation, air conditioning of higher than standard efficiency/renewable heating & cooling
**Other such as energy audits, building certifications, and software services

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

How is EE doing on diversity in Oregon?

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 Oregon 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 Oregon businesses.



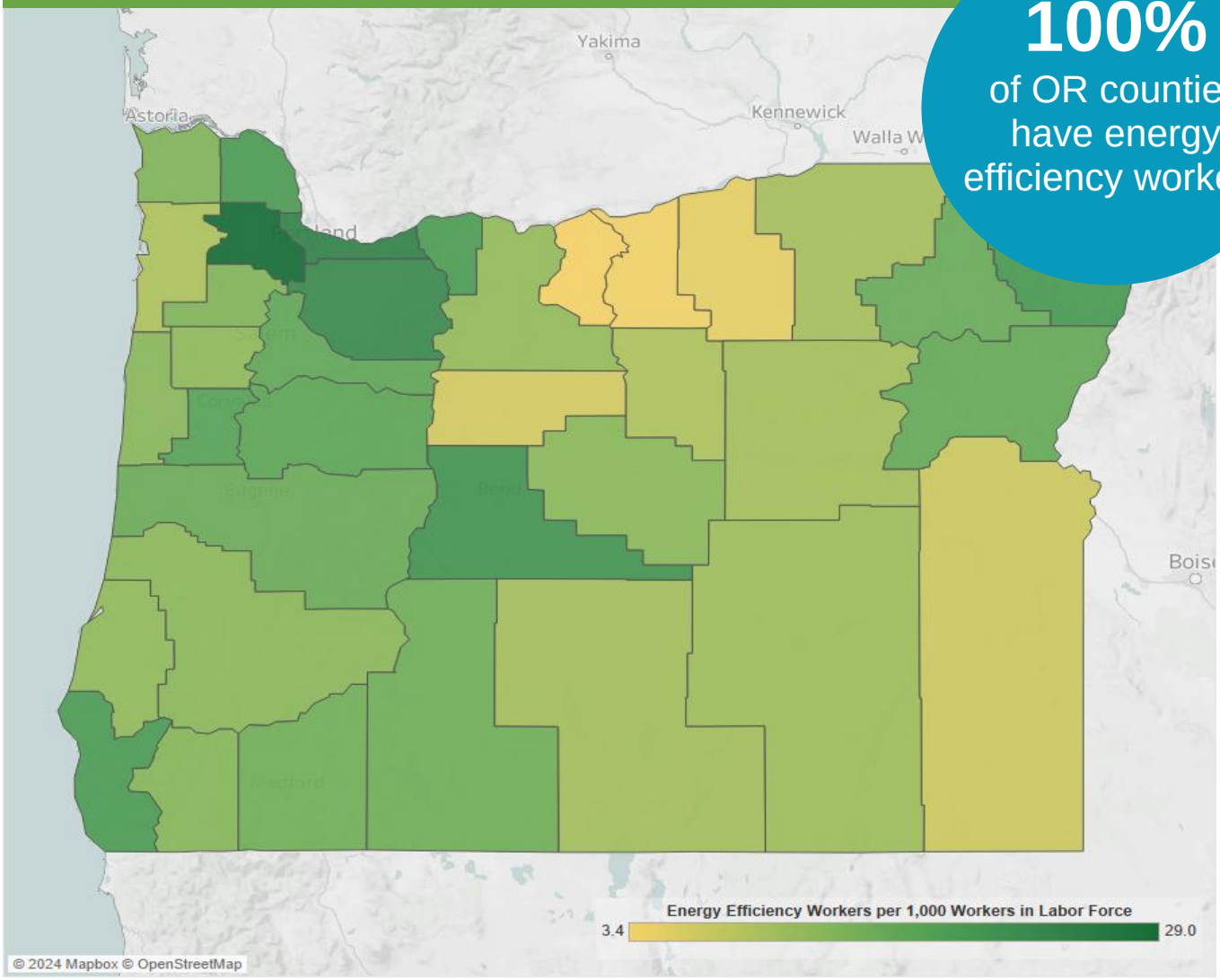
*Includes non-Hispanic and Hispanic whites.

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 OR counties have energy efficiency workers



Congressional	
District	**Jobs**
1	9,280
2	5,321
3	9,749
4	5,116
5	5,954
6	4,840

Metropolitan Areas	
Area	**Jobs**
Bend-Redmond	1,916
Corvallis	684
Eugene	2,413
Medford	1,333
Portland-Vancouver-Hillsboro	25,945
Salem	3,033
Rural	4,935

State Senate							
District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	2,506	9	2,004	17	613	25	590
2	1,212	10	1,535	18	2,973	26	272
3	1,111	11	250	19	1,235	27	1,648
4	3,028	12	1,223	20	1,353	28	1,038
5	998	13	2,072	21	1,951	29	1,246
6	1,073	14	1,135	22	1,909	30	561
7	146	15	3,217	23	611		
8	1,296	16	1,158	24	292		

State House of Representatives							
District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,906	16	48	31	570	46	273
2	592	17	642	32	569	47	180
3	17	18	1,263	33	610	48	110
4	1,189	19	1,281	34	<10	49	485
5	1,114	20	246	35	405	50	103
6	<10	21	<10	36	2,574	51	<10
7	604	22	249	37	1,230	52	270
8	2,426	23	439	38	<10	53	1,656
9	235	24	785	39	1,174	54	<10
10	812	25	12	40	177	55	737
11	1,070	26	2,057	41	925	56	296
12	<10	27	1,130	42	1,027	57	829
13	143	28	<10	43	877	58	411
14	<10	29	2,933	44	1,050	59	173
15	1,244	30	338	45	337	60	385

The Building Performance Association (BPA) is a 501(c) 6 nonprofit industry association that serves as the hub for businesses, nonprofits, and government agencies working to make America's homes more comfortable, healthy, and energy efficient. Our mission is to transform the market for the home performance industry through advocacy, education, professional development, and networking. Visit www.building-performance.org.

E4TheFuture is dedicated to bringing clean, efficient energy home for every American and promotes energy solutions to advance climate protection and economic fairness. Visit www.E4TheFuture.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 U.S. Energy and Employment Report, August 2024, 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