

Oregon

Energy Efficiency Jobs in America



What are EE Jobs?

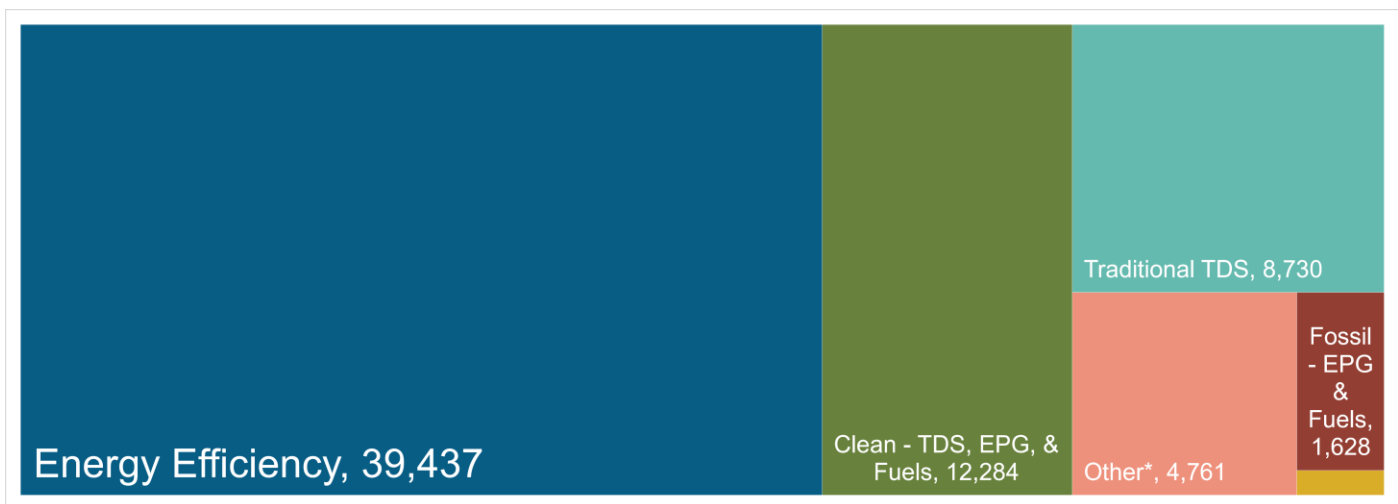
Jobs that deliver goods and services that lower energy use by improving energy efficiency – with a focus on appliances, buildings, data systems, financing, new technologies, and more.

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 Oregon?

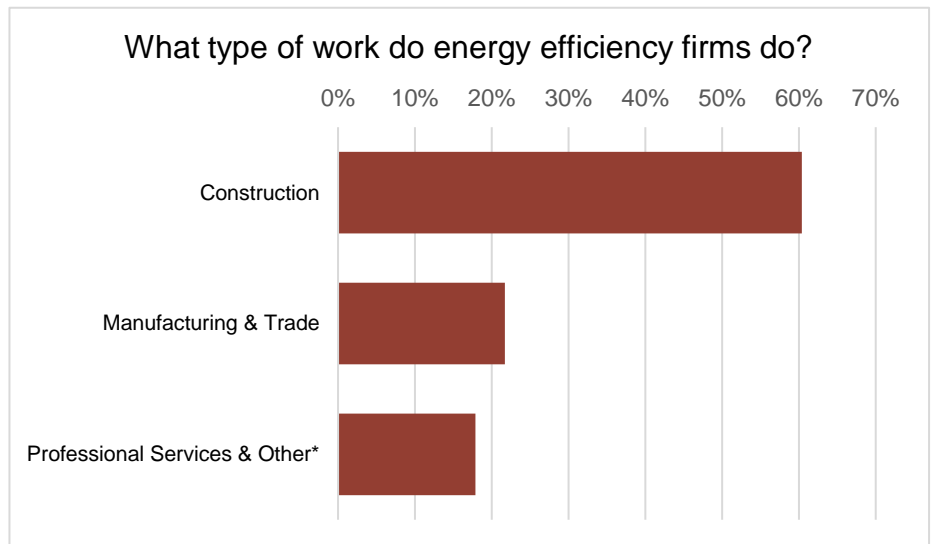
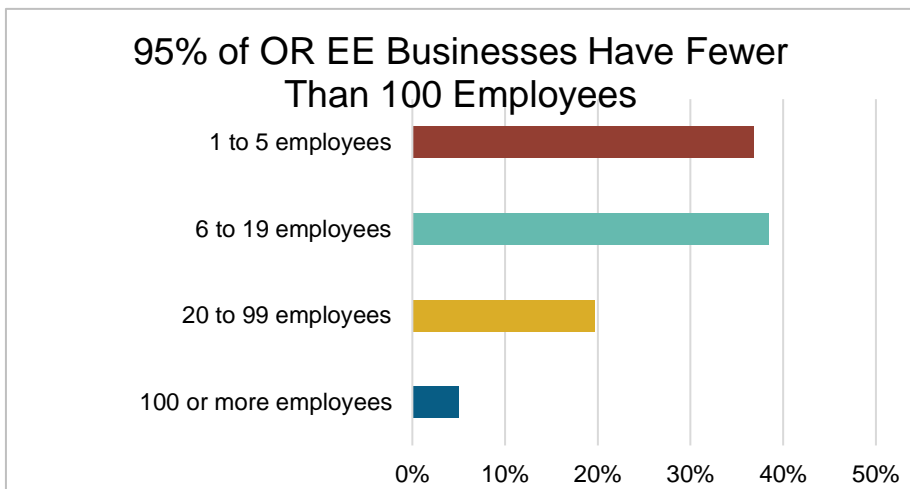
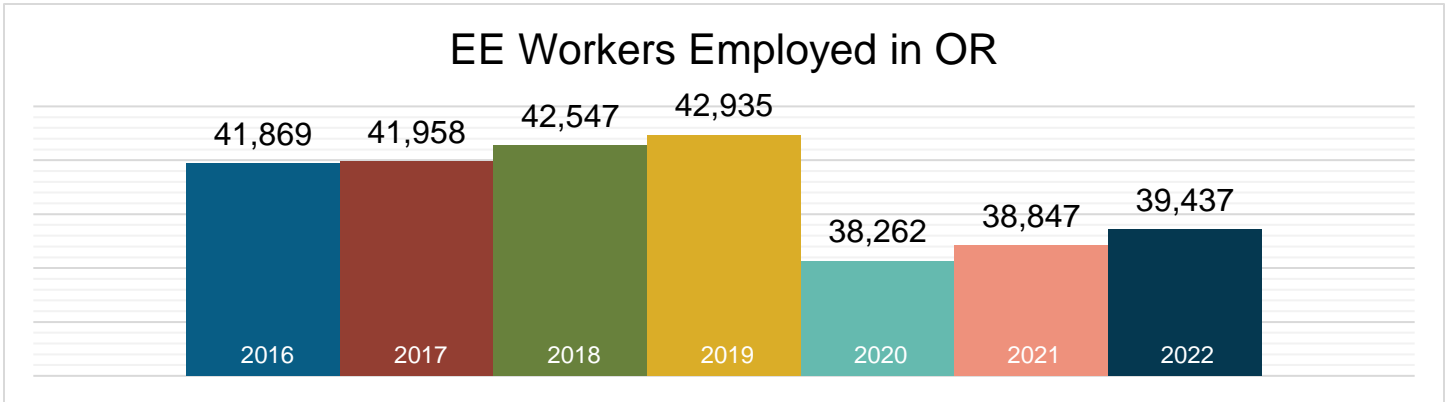
Energy Efficiency is the largest energy sector in Oregon.



TDS = Transmission, Distribution & Storage
EPG = Electric Power Generation
Nuclear (EPG & Fuels) = 227

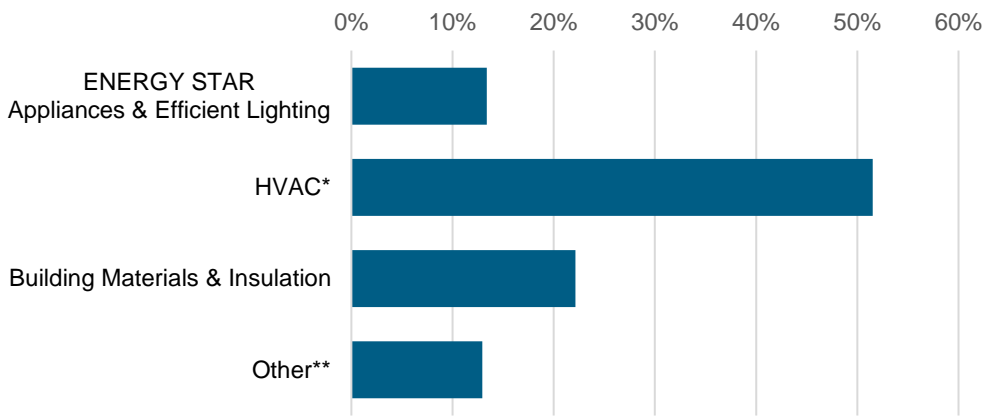
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

What does EE look like in Oregon?



*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?



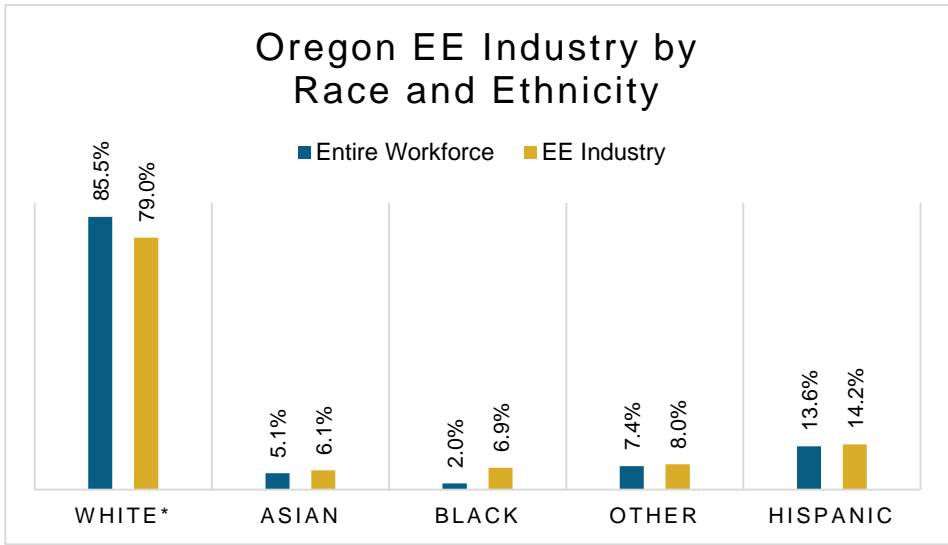
8%
of Oregon
EE workers are
Veterans

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

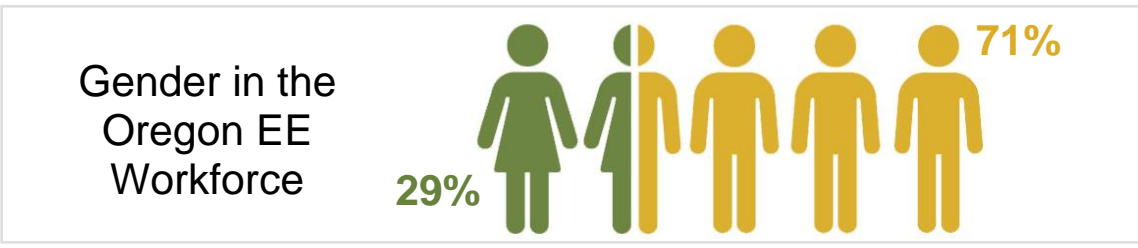
How is EE doing on diversity in Oregon?

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 EE businesses.



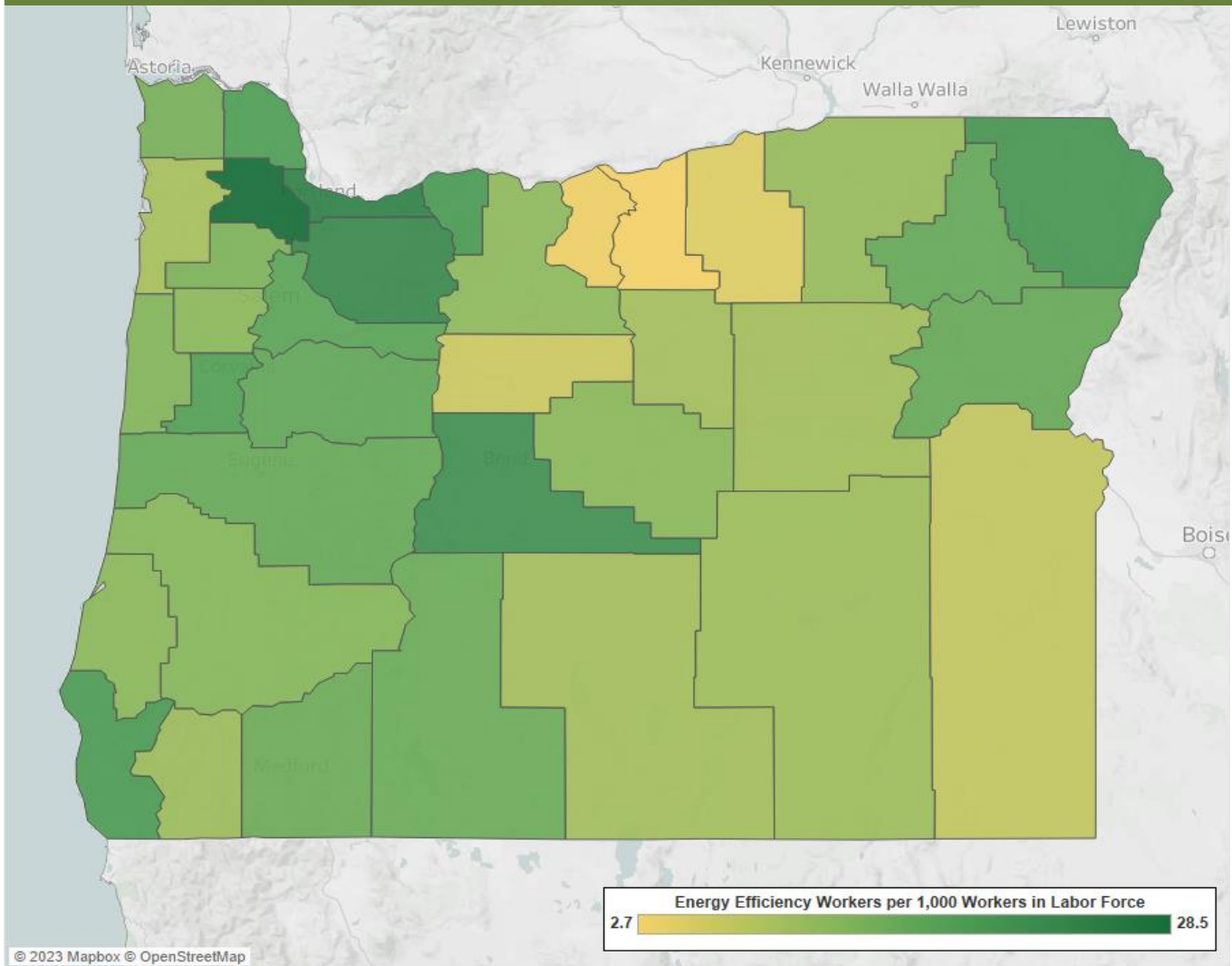
*Includes non-Hispanic and Hispanic whites.



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 OR counties have
energy efficiency
workers

Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	11,953	Bend-Redmond	1,882
2	7,859	Corvallis	673
3	8,306	Eugene	2,359
4	7,400	Medford	1,312
5	3,918	Portland-Vancouver-Hillsboro	25,491
		Salem	2,983
		Rural	4,738

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	2,456	9	1,967	17	602	25	579
2	1,184	10	1,499	18	2,917	26	267
3	1,091	11	246	19	1,209	27	1,614
4	2,973	12	1,201	20	1,322	28	1,020
5	980	13	2,035	21	1,867	29	1,221
6	1,053	14	1,114	22	1,875	30	551
7	143	15	3,159	23	596		
8	1,272	16	1,137	24	287		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,874	16	47	31	561	46	268
2	578	17	631	32	559	47	177
3	17	18	1,241	33	600	48	108
4	1,163	19	1,251	34	<10	49	477
5	1,096	20	242	35	398	50	101
6	<10	21	<10	36	2,528	51	<10
7	594	22	245	37	1,207	52	266
8	2,385	23	431	38	<10	53	1,624
9	231	24	771	39	1,147	54	<10
10	798	25	12	40	174	55	725
11	1,051	26	2,022	41	860	56	290
12	<10	27	1,111	42	1,010	57	812
13	141	28	<10	43	862	58	404
14	<10	29	2,883	44	1,032	59	170
15	1,222	30	333	45	328	60	379



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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.

For questions on E4TheFuture analyses please email: policy@e4thefuture.org