

Colorado

Energy Efficiency Jobs in America

35,847
Total Jobs

What are EE Jobs?

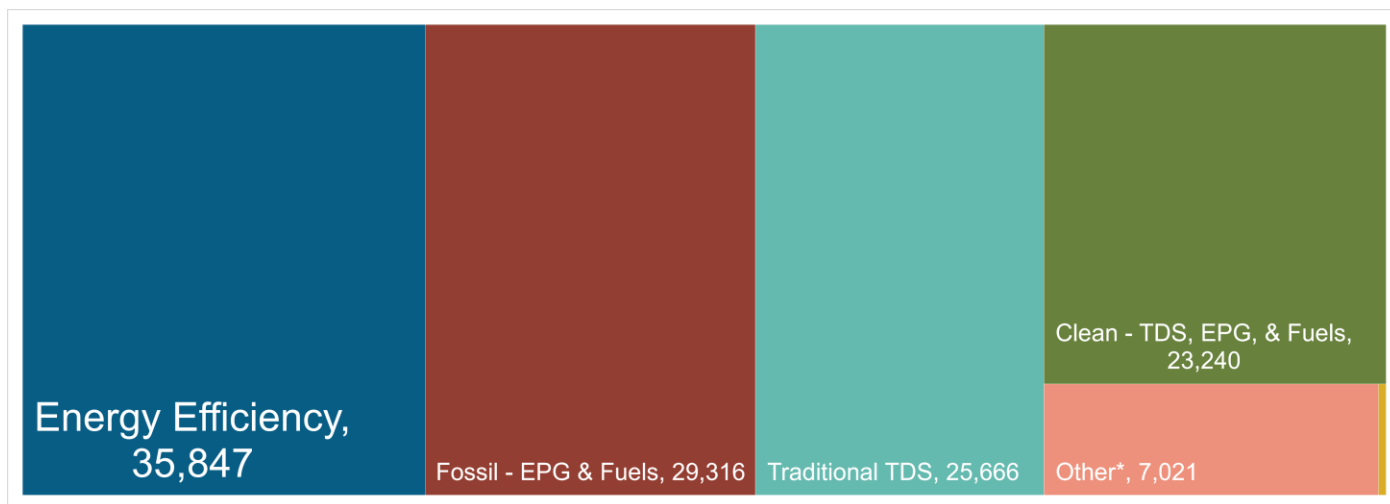
Jobs that deliver goods and services that lower energy use by improving energy efficiency – with a focus on appliances, buildings, data systems, financing, new technologies, and more.

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 & 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 Colorado?

Energy Efficiency is the largest energy sector in Colorado.



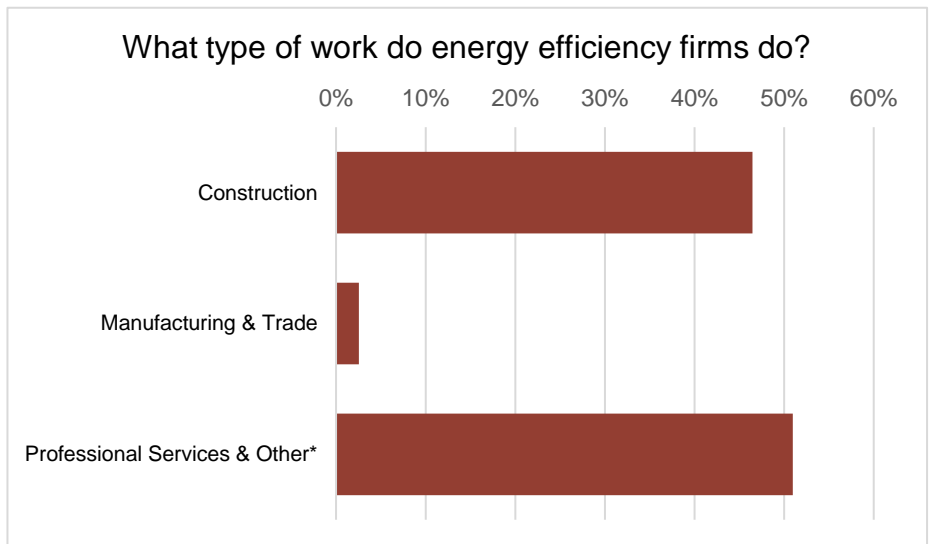
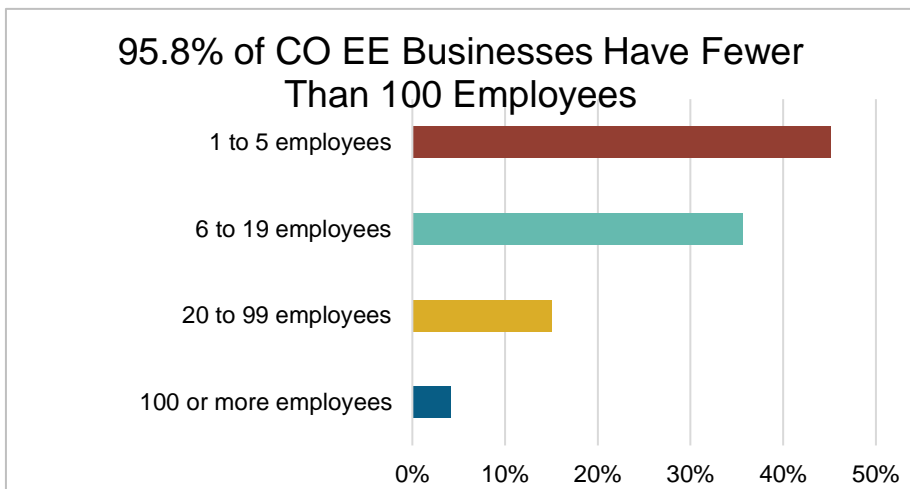
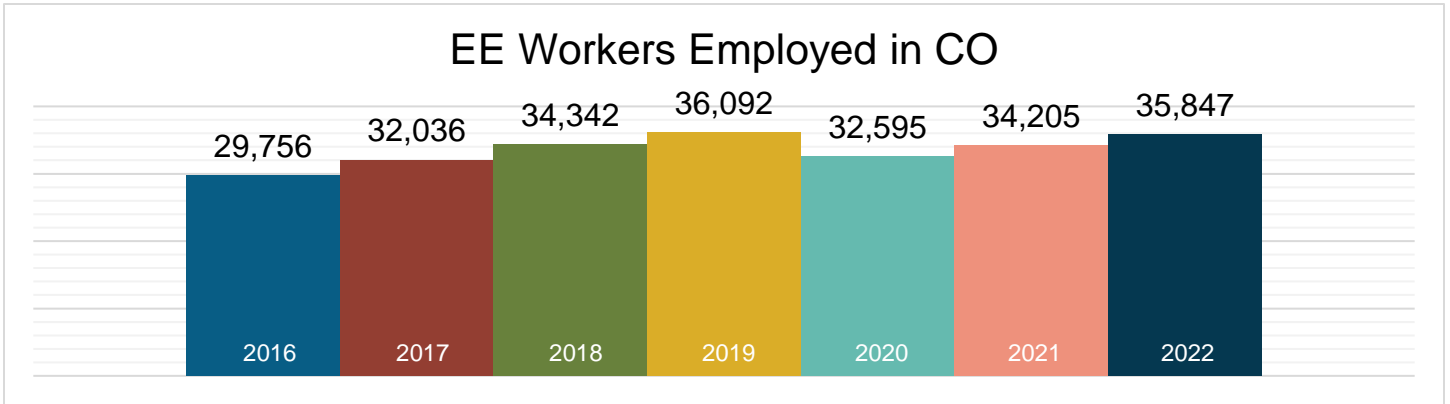
TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

Nuclear (EPG & Fuels) = 165

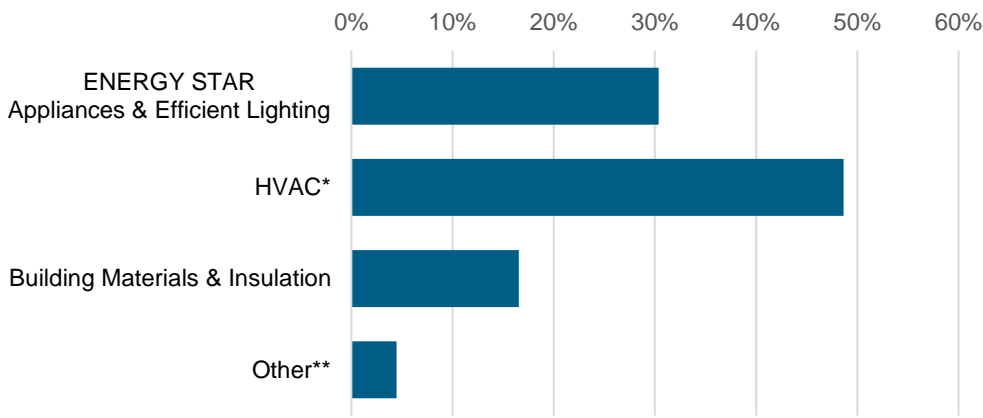
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

What does EE look like in Colorado?



*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?



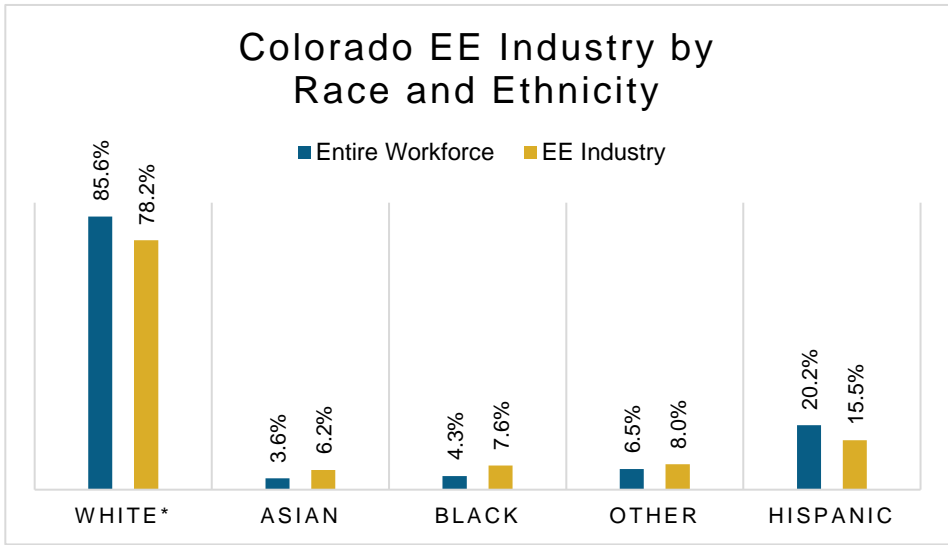
8%
of Colorado
EE workers are
Veterans

*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 Colorado?

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 Colorado 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.



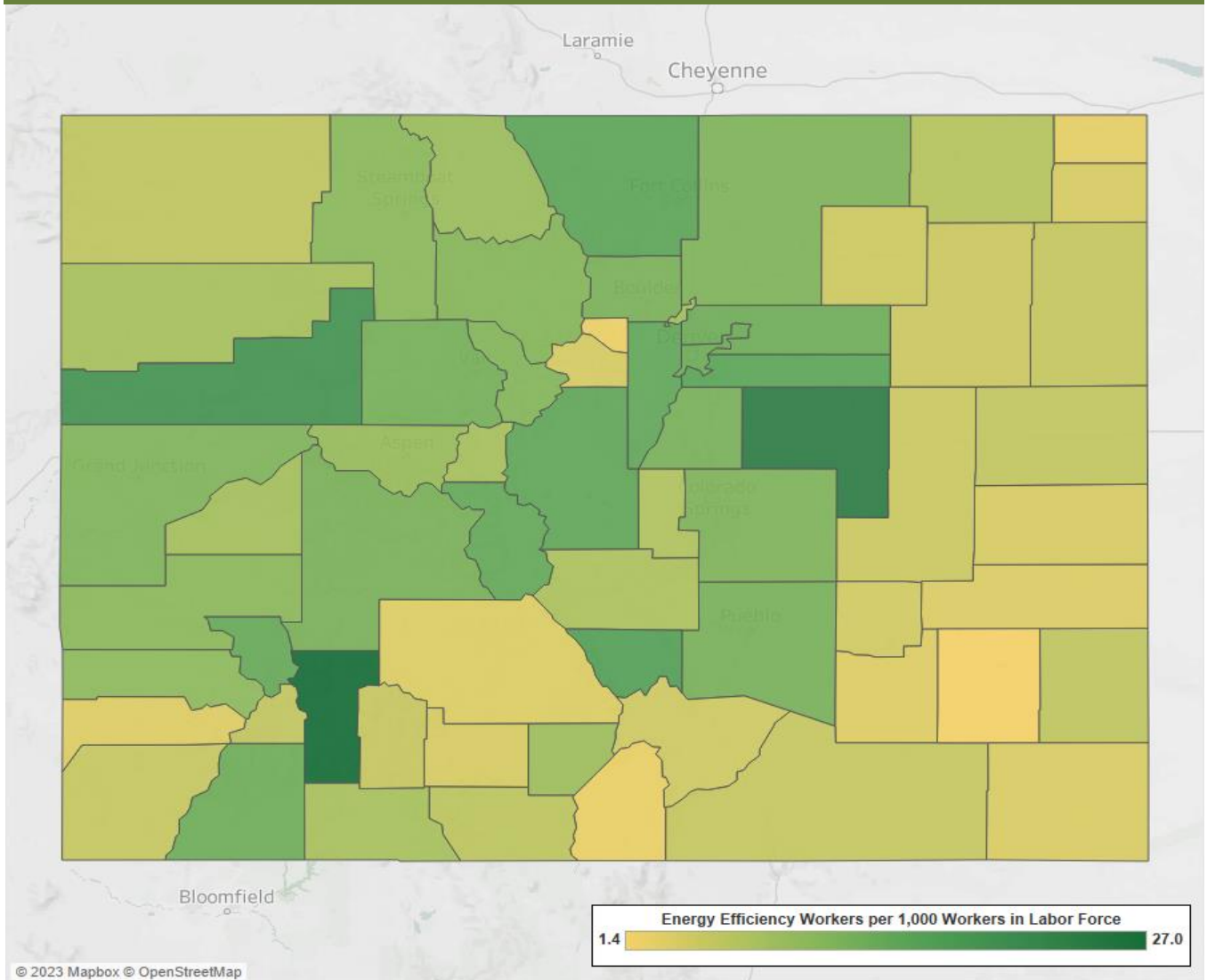
*Includes non-Hispanic and Hispanic whites.



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 CO counties have
energy efficiency
workers

Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	11,237	Boulder	2,327
2	9,603	Colorado Springs	3,513
3	4,551	Denver-Aurora	21,278
4	4,569	Fort Collins-Loveland	2,546
5	3,182	Grand Junction	739
6	1,113	Greeley	1,305
7	1,592	Pueblo	768
		Rural	3,370

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,908	11	722	21	1,955	31	2,021
2	1,087	12	24	22	<10	32	1,127
3	496	13	450	23	117	33	620
4	1,902	14	706	24	169	34	3,184
5	1,591	15	1,282	25	315	35	435
6	1,045	16	3,386	26	2,105		
7	805	17	2,020	27	<10		
8	1,204	18	1,191	28	124		
9	1,303	19	1,267	29	92		
10	271	20	658	30	264		

State House of Representatives

District	Jobs	District	Jobs	District	Jobs
1	1,314	23	1,439	45	<10
2	1,675	24	640	46	398
3	2,342	25	179	47	276
4	1,162	26	949	48	1,656
5	2,978	27	561	49	1,337
6	1,236	28	<10	50	61
7	933	29	170	51	<10
8	<10	30	1,282	52	<10
9	315	31	48	53	<10
10	2,983	32	57	54	887
11	520	33	255	55	<10
12	858	34	25	56	127
13	510	35	<10	57	440
14	674	36	240	58	472
15	415	37	<10	59	798
16	589	38	284	60	208
17	829	39	1,274	61	833
18	146	40	<10	62	210
19	254	41	<10	63	109
20	15	42	<10	64	317
21	<10	43	<10	65	246
22	309	44	<10		



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.



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.



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: 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