

# Kansas

## Energy Efficiency Jobs in America

16,984  
Total Jobs

### What are EE Jobs?

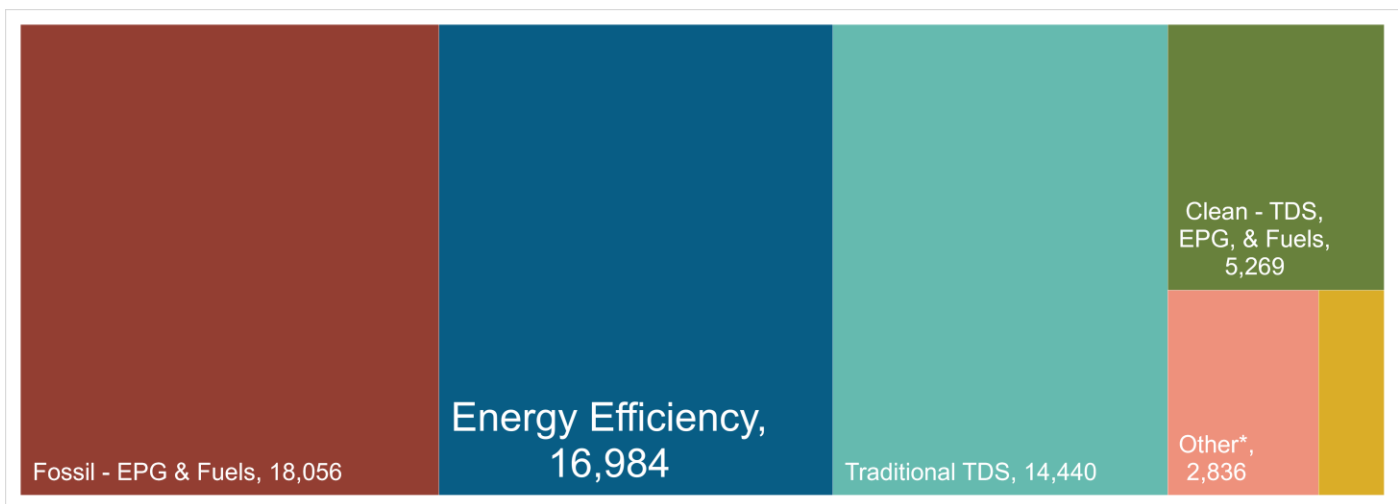
*Jobs that deliver goods and services that lower energy use by improving energy efficiency – with a focus on appliances, buildings, data systems, financing, new technologies, and more.*

### 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 Kansas?

*Energy Efficiency is the second largest energy sector in Kansas.*

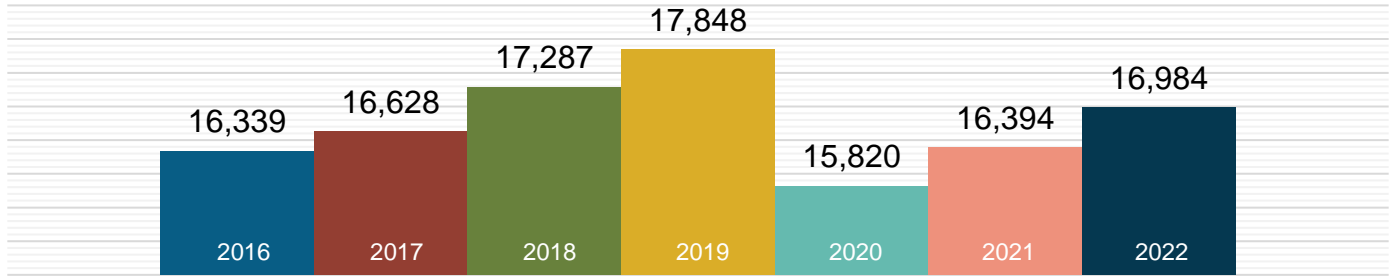


TDS = Transmission, Distribution & Storage  
EPG = Electric Power Generation  
Nuclear (EPG & Fuels) = 1,235

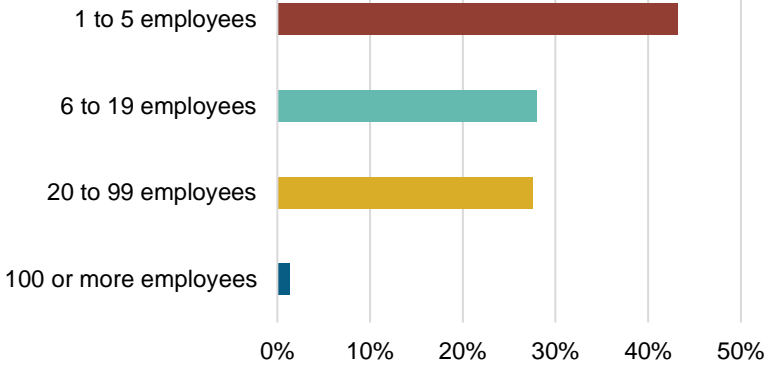
\*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

# What does EE look like in Kansas?

## EE Workers Employed in KS



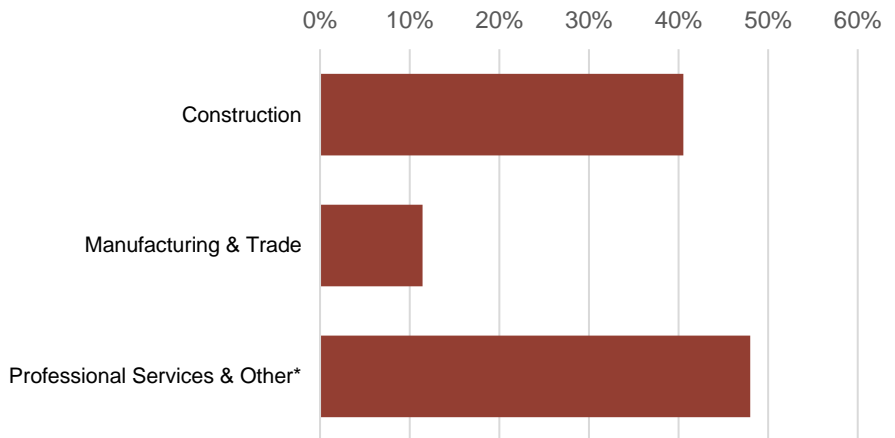
## 98.6% of KS EE Businesses Have Fewer Than 100 Employees



EE construction workers comprise **11%** of Kansas's construction workforce

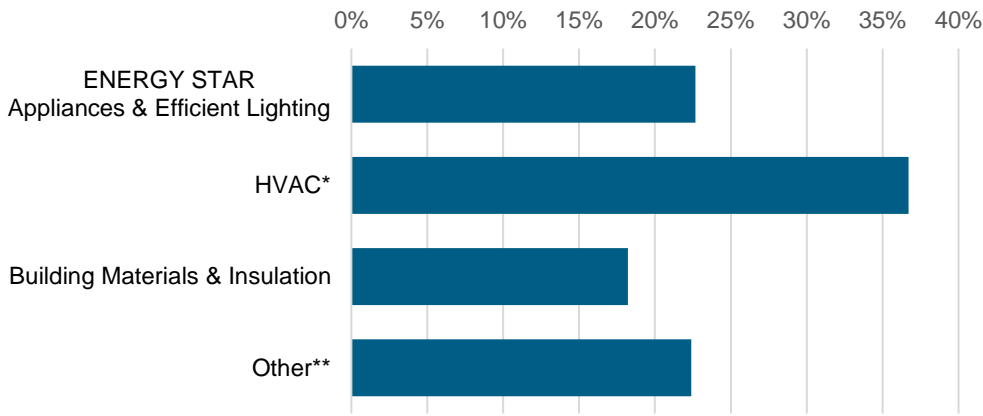


## What type of work do energy efficiency firms do?



\*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?



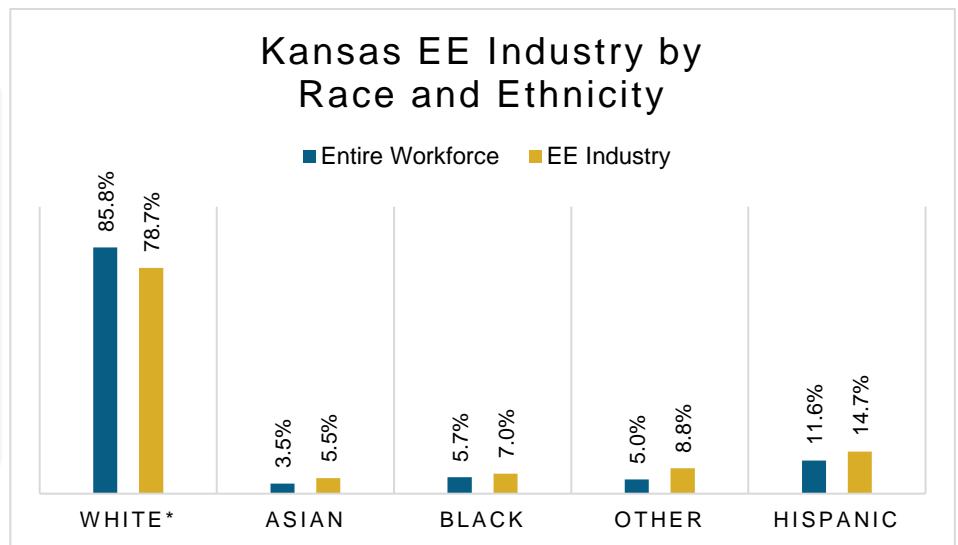
**8%**  
of Kansas  
EE workers are  
**Veterans**

\*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 Kansas?

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 Kansas 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.



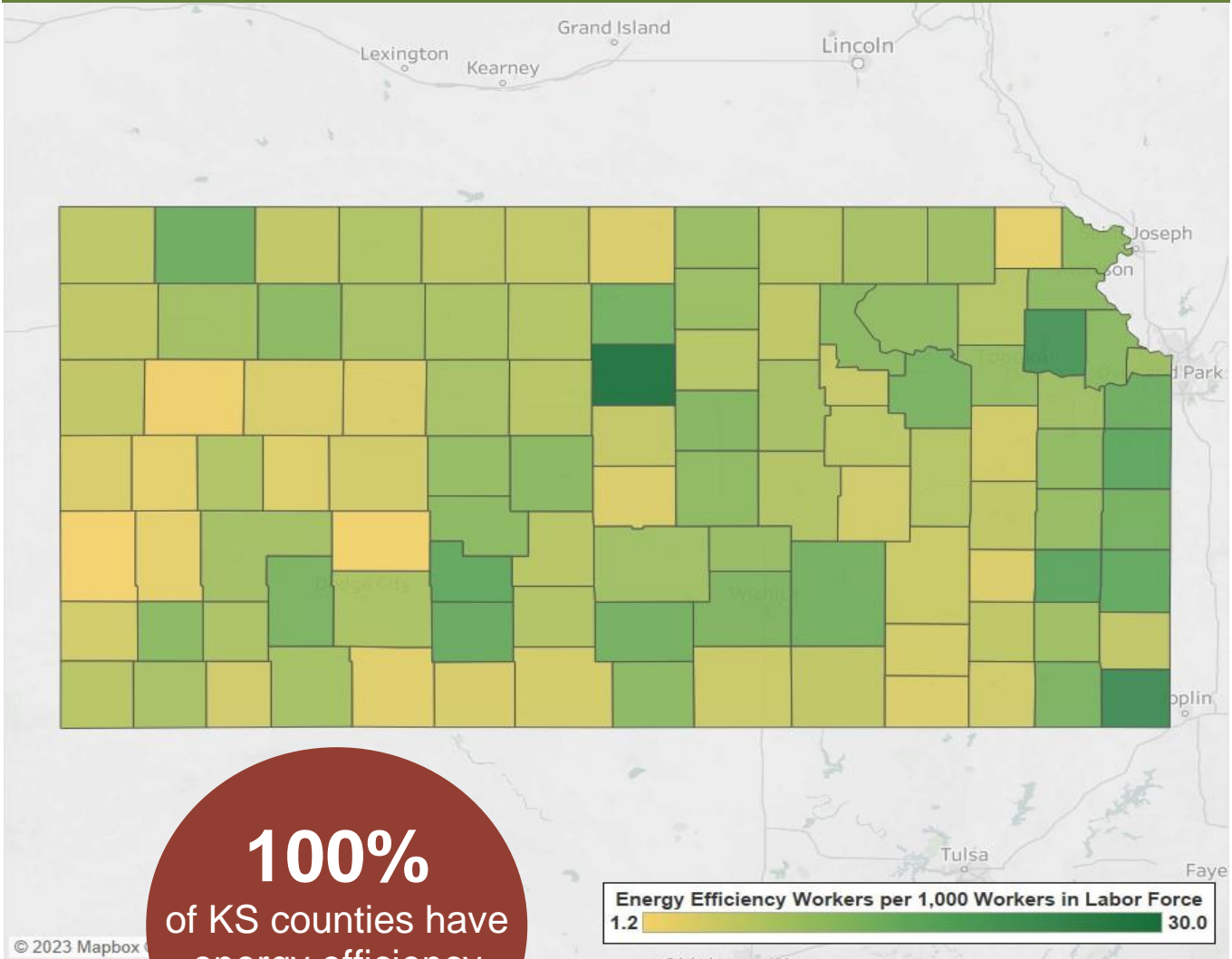
\*Includes non-Hispanic and Hispanic whites.



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 KS counties have  
energy efficiency  
workers

**Energy Efficiency Workers per 1,000 Workers in Labor Force**  
1.2 30.0

The energy efficiency job concentration displayed above is capped at thirty jobs per thousand in order to maintain observable differences between the majority of counties within the state. This is done to eliminate the influence outliers have on the overall color gradient. For a full list of energy efficiency jobs by county, please visit the Department of Energy's (DOE) United States Energy and Employment Report (USEER) County-Level data site at <https://www.energy.gov/policy/2023-useer-county-level-data-faq>.

Congressional		Metropolitan Areas	
District	Jobs	Area	Jobs
1	4,885	Kansas City	6,881
2	3,376	Lawrence	484
3	5,013	Manhattan	464
4	3,710	St. Joseph	29
		Topeka	1,214
		Wichita	3,937
		Rural	3,976

## State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	821	14	831	27	126	40	647
2	623	15	157	28	63		
3	321	16	696	29	775		
4	315	17	320	30	<10		
5	43	18	690	31	90		
6	555	19	286	32	286		
7	672	20	26	33	758		
8	1,242	21	31	34	340		
9	1,401	22	210	35	332		
10	153	23	<10	36	379		
11	612	24	433	37	63		
12	484	25	928	38	357		
13	323	26	316	39	280		

## State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	255	33	168	65	<10	97	<10
2	251	34	26	66	<10	98	<10
3	<10	35	<10	67	<10	99	<10
4	63	36	<10	68	42	100	<10
5	236	37	<10	69	385	101	333
6	89	38	199	70	64	102	<10
7	162	39	16	71	<10	103	<10
8	480	40	<10	72	196	104	<10
9	53	41	10	73	243	105	<10
10	267	42	333	74	78	106	147
11	27	43	<10	75	21	107	137
12	380	44	90	76	42	108	127
13	64	45	37	77	125	109	280
14	1,141	46	10	78	<10	110	356
15	<10	47	200	79	151	111	<10
16	936	48	<10	80	37	112	<10
17	109	49	<10	81	304	113	153
18	125	50	354	82	<10	114	28
19	538	51	626	83	367	115	407
20	513	52	<10	84	622	116	55
21	83	53	89	85	189	117	106
22	<10	54	74	86	167	118	254
23	<10	55	240	87	<10	119	<10
24	223	56	113	88	<10	120	159
25	57	57	<10	89	110	121	15
26	62	58	<10	90	142	122	184
27	182	59	16	91	73	123	<10
28	<10	60	<10	92	211	124	223
29	<10	61	48	93	283	125	<10
30	<10	62	156	94	306		
31	180	63	37	95	<10		
32	226	64	304	96	<10		



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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](mailto:policy@e4thefuture.org)