

# Georgia

## Energy Efficiency Jobs in America



### What are EE Jobs?

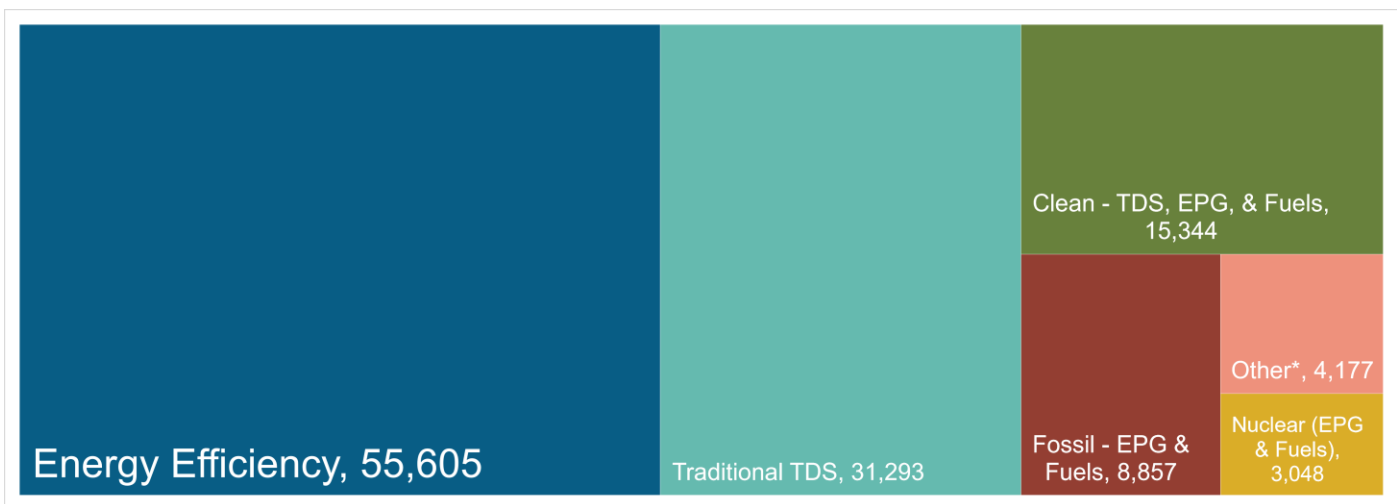
*Jobs that deliver goods and services that lower energy use by improving energy efficiency – with a focus on appliances, buildings, data systems, financing, new technologies, and more.*

### 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 Georgia?

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

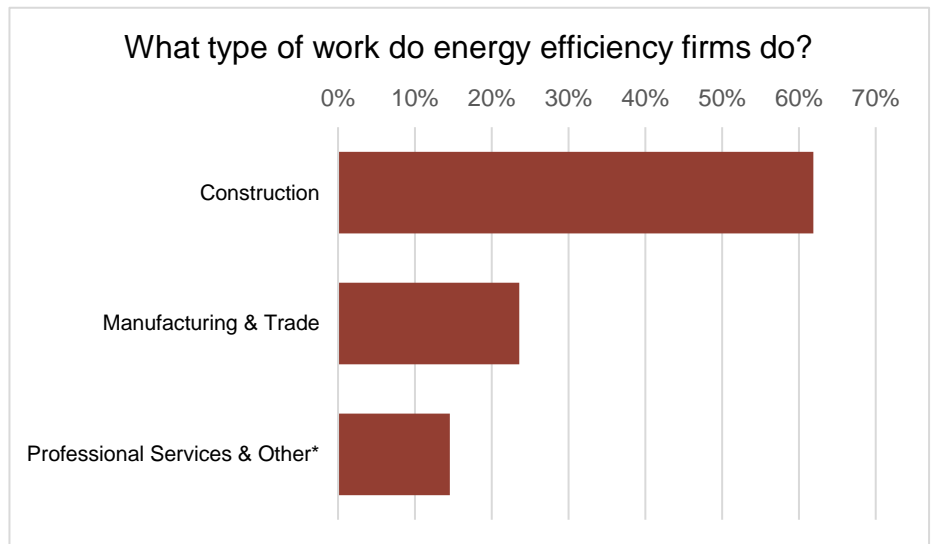
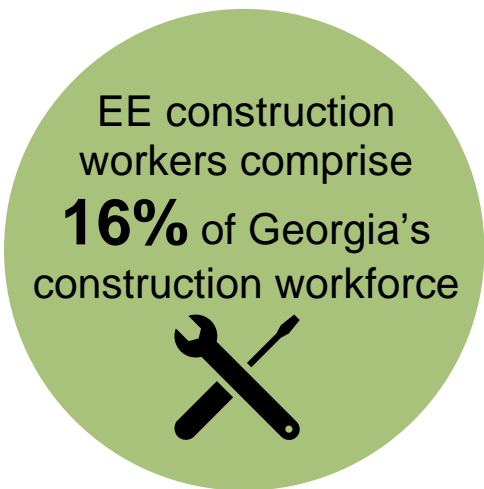
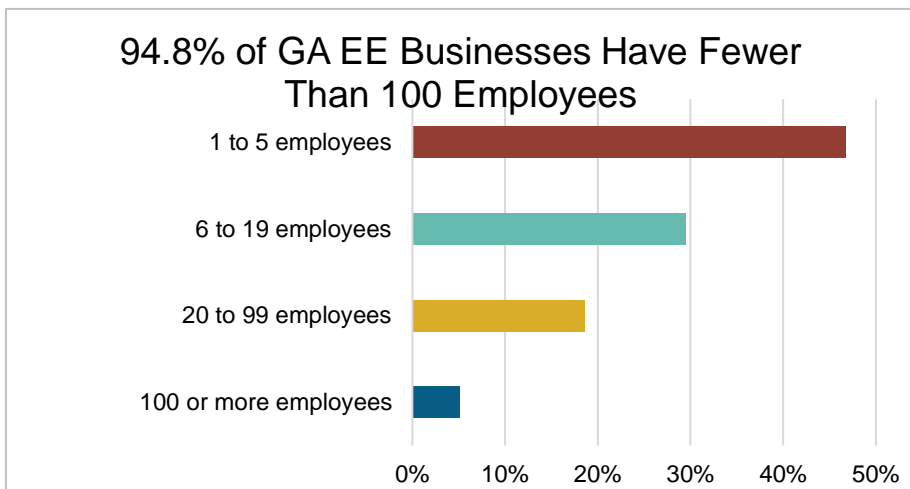
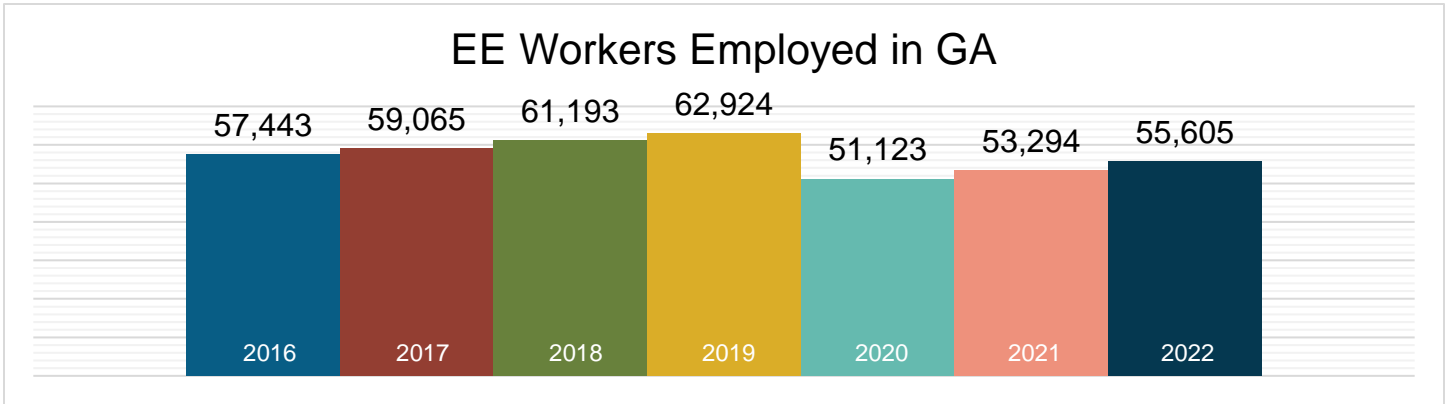


TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

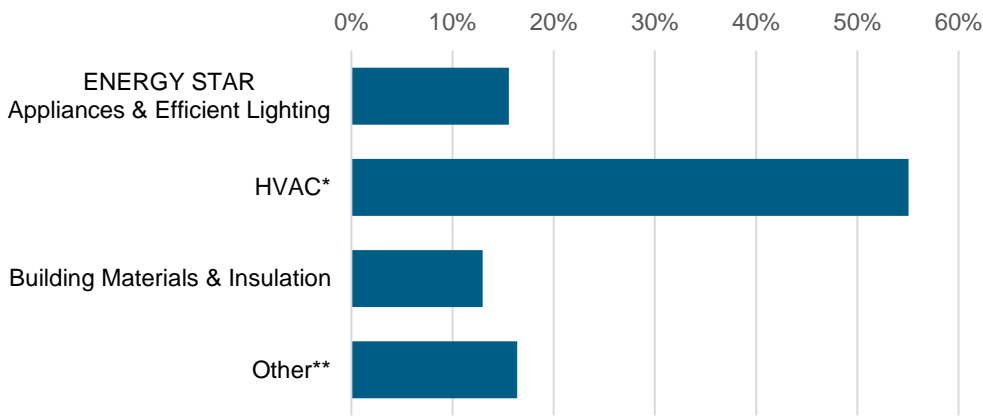
\*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

# What does EE look like in Georgia?



\*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?



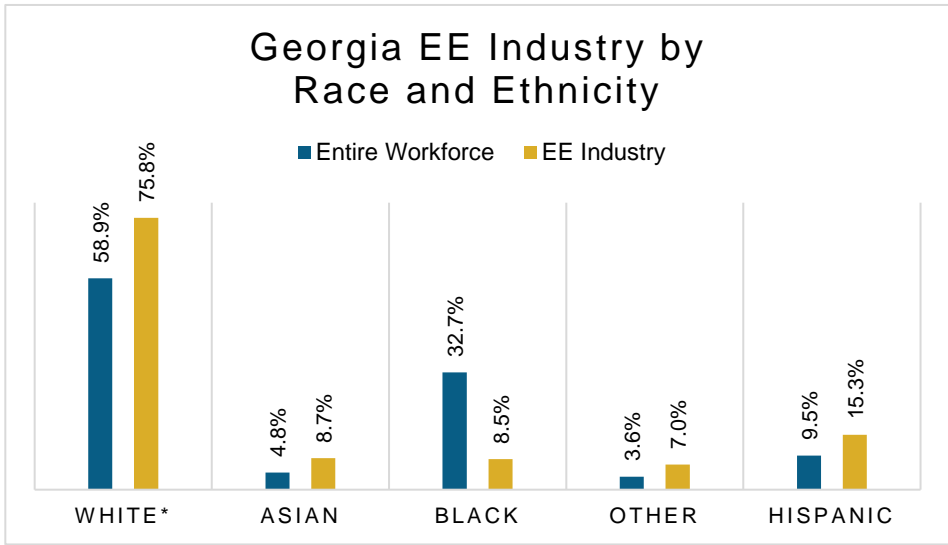
**12%**  
of Georgia  
EE workers are  
**Veterans**

\*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 Georgia?

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 Georgia 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.



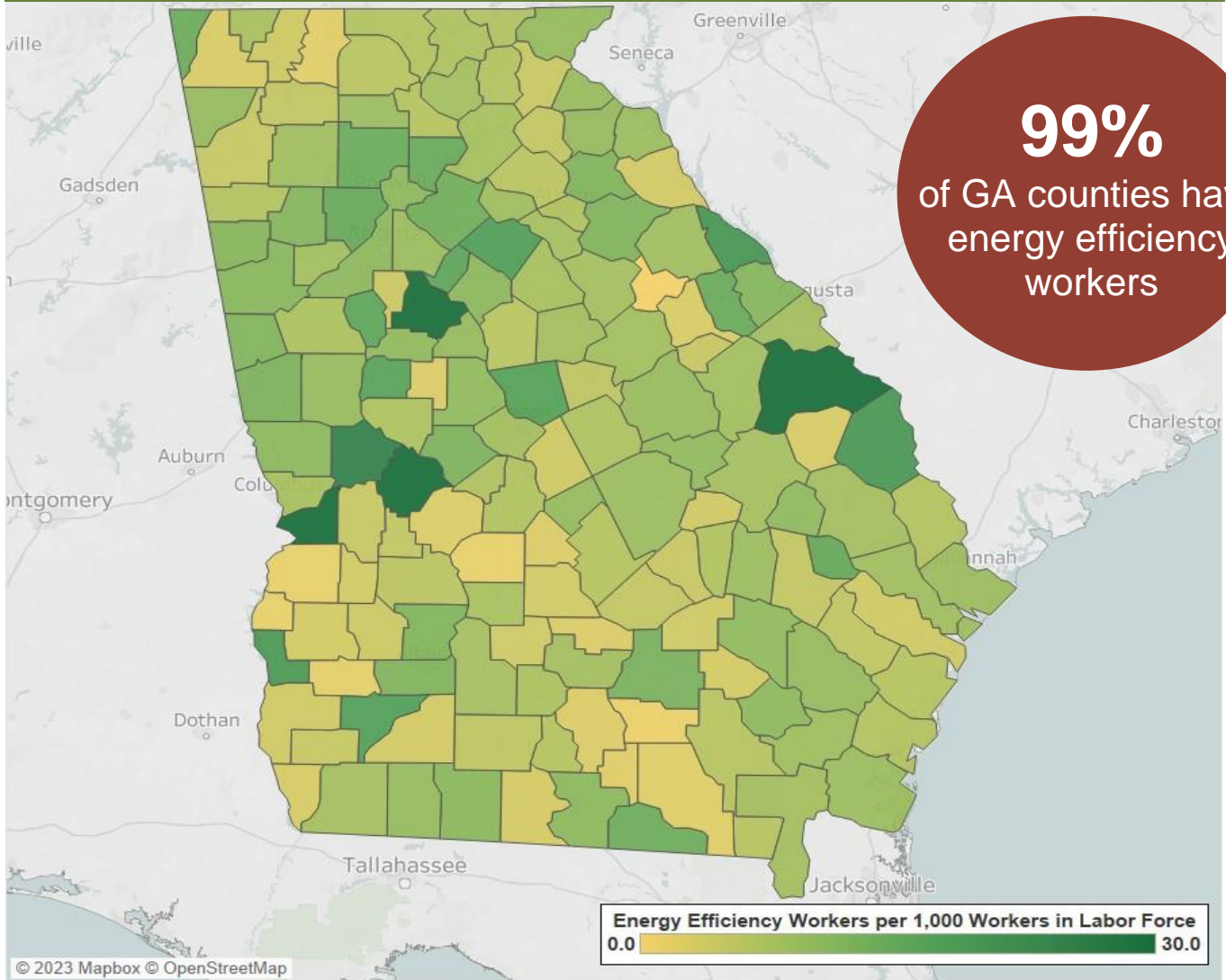
\*Includes non-Hispanic and Hispanic whites.



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



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	District	Jobs	Area	Jobs	Area	Jobs
1	3,514	9	3,776	Albany	686	Gainesville	762
2	4,174	10	1,719	Athens-Clarke County	659	Hinesville	78
3	3,612	11	3,482	Atlanta-Sandy Springs-Roswell	39,665	Macon	825
4	6,045	12	2,603	Augusta-Richmond County	1,999	Rome	184
5	7,777	13	1,134	Brunswick	295	Savannah	1,625
6	10,555	14	1,664	Chattanooga	219	Valdosta	539
7	3,427			Columbus	878	Warner Robins	511
8	2,124			Dalton	233	Rural	6,446

## State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	1,434	15	862	29	242	43	433
2	479	16	1,616	30	854	44	15
3	946	17	805	31	396	45	492
4	827	18	1,387	32	1,398	46	920
5	3,657	19	333	33	784	47	205
6	6,455	20	223	34	851	48	<10
7	738	21	2,841	35	324	49	1,020
8	1,093	22	1,330	36	3,299	50	423
9	1,657	23	377	37	152	51	621
10	1,698	24	756	38	123	52	467
11	627	25	861	39	114	53	482
12	852	26	468	40	1,768	54	577
13	304	27	1,995	41	477		
14	2,842	28	1,313	42	389		

## State House of Representatives

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	311	46	<10	91	300	136	<10
2	487	47	1,222	92	273	137	39
3	<10	48	<10	93	622	138	80
4	255	49	<10	94	187	139	199
5	262	50	<10	95	448	140	225
6	<10	51	1,151	96	<10	141	433
7	875	52	1,040	97	<10	142	208
8	335	53	1,225	98	708	143	427
9	168	54	937	99	<10	144	493
10	100	55	1,015	100	214	145	<10
11	21	56	1,385	101	279	146	21
12	278	57	340	102	<10	147	<10
13	27	58	305	103	174	148	146
14	528	59	281	104	141	149	114
15	419	60	654	105	85	150	152
16	165	61	310	106	<10	151	273
17	390	62	283	107	<10	152	771
18	260	63	700	108	<10	153	<10
19	286	64	433	109	55	154	10
20	923	65	47	110	247	155	394
21	169	66	<10	111	<10	156	132
22	1,506	67	37	112	217	157	202
23	<10	68	11	113	<10	158	362
24	274	69	570	114	162	159	208
25	1,565	70	113	115	<10	160	85
26	147	71	97	116	<10	161	691
27	587	72	16	117	655	162	389
28	275	73	295	118	<10	163	452
29	48	74	363	119	<10	164	179
30	550	75	22	120	210	165	64
31	297	76	284	121	545	166	59
32	313	77	<10	122	255	167	704
33	379	78	15	123	312	168	11
34	2,364	79	1,249	124	480	169	91
35	<10	80	212	125	64	170	98
36	<10	81	2,345	126	117	171	299
37	86	82	470	127	39	172	316
38	366	83	182	128	259	173	74
39	571	84	132	129	218	174	696
40	1,191	85	440	130	48	175	303
41	<10	86	44	131	366	176	<10
42	697	87	311	132	17	177	<10
43	<10	88	<10	133	332	178	87
44	<10	89	<10	134	595	179	<10
45	736	90	576	135	44	180	92



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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)