

# New York

## Energy Efficiency Jobs in America

126,008

Total Jobs

### What are EE Jobs?

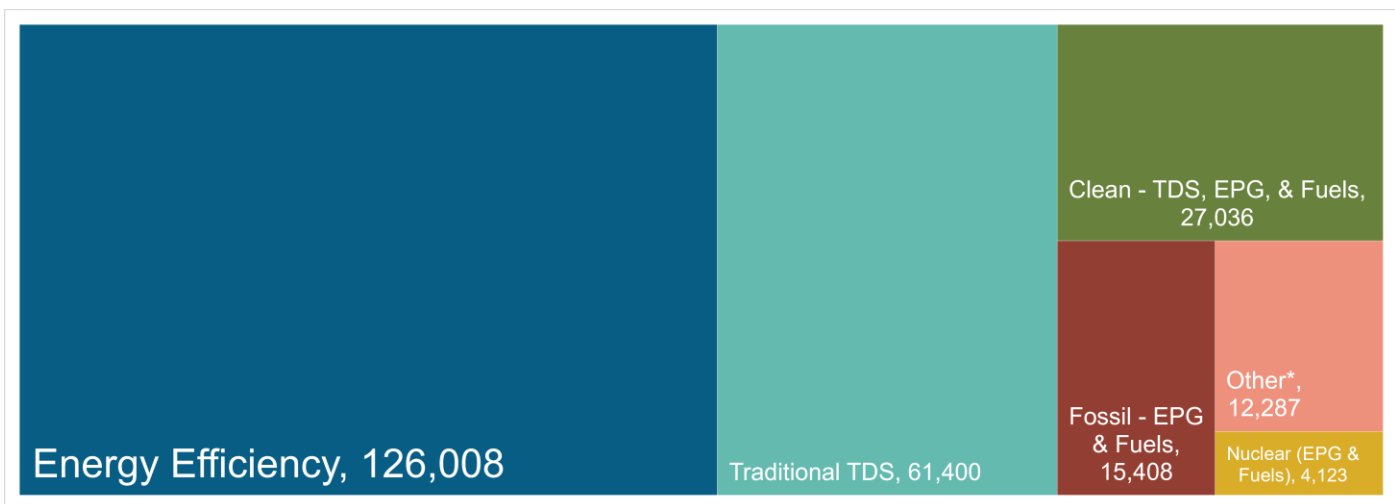
*Jobs that deliver goods and services that lower energy use by improving energy efficiency – with a focus on appliances, buildings, data systems, financing, new technologies, and more.*

### 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 New York?

*Energy Efficiency is the largest energy sector in New York.*

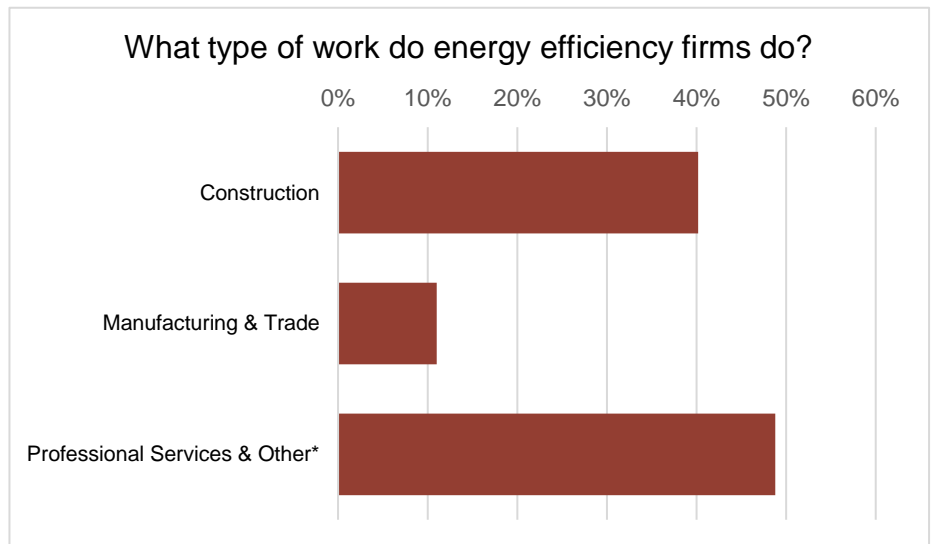
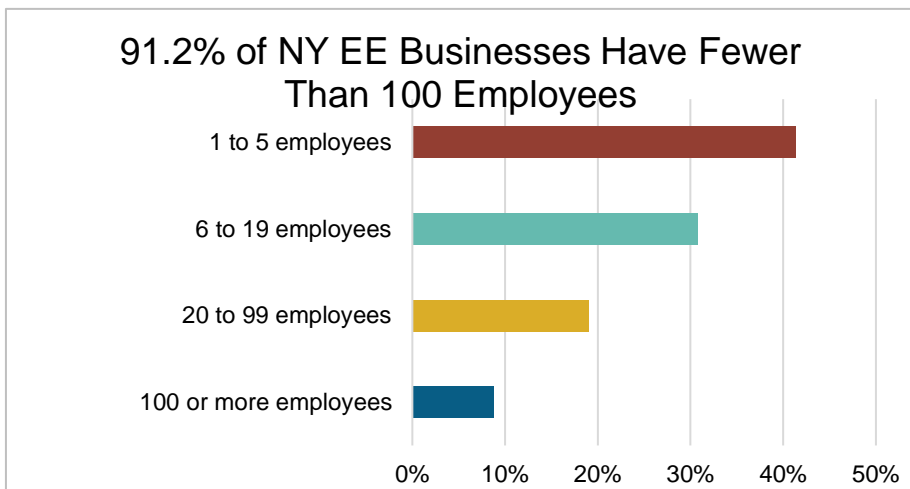
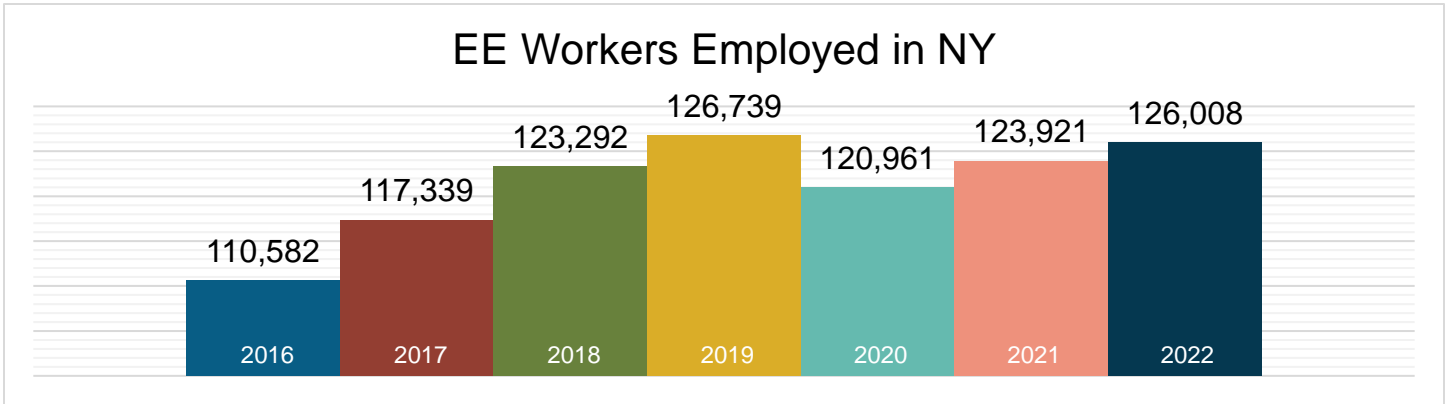


TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

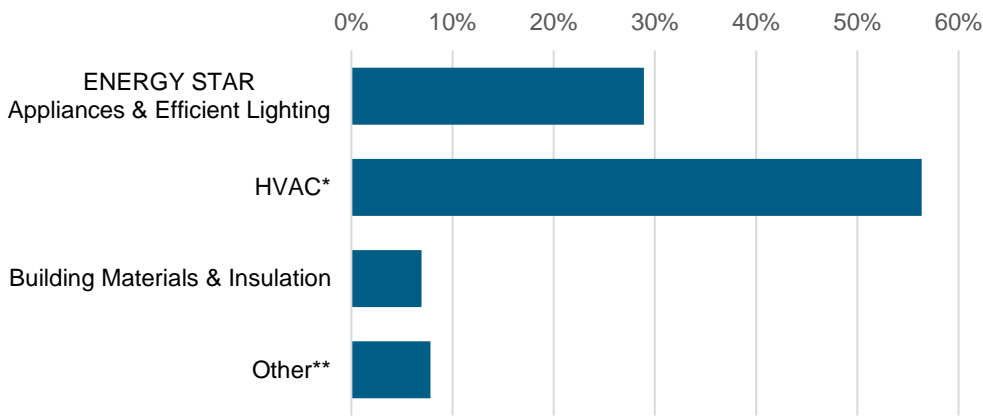
\*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

# What does EE look like in New York?



\*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?



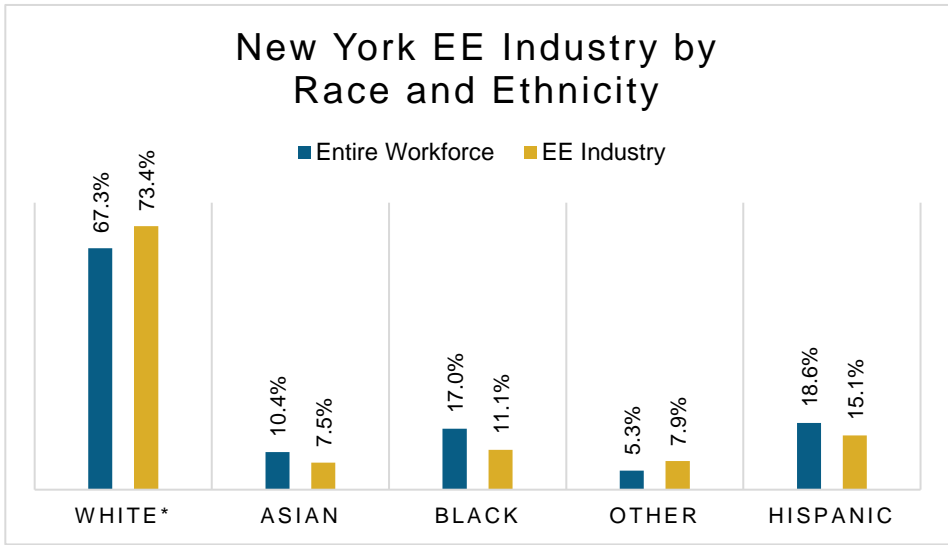
**8%**  
of New York  
EE workers are  
**Veterans**

\*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 New York?

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 New York 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.



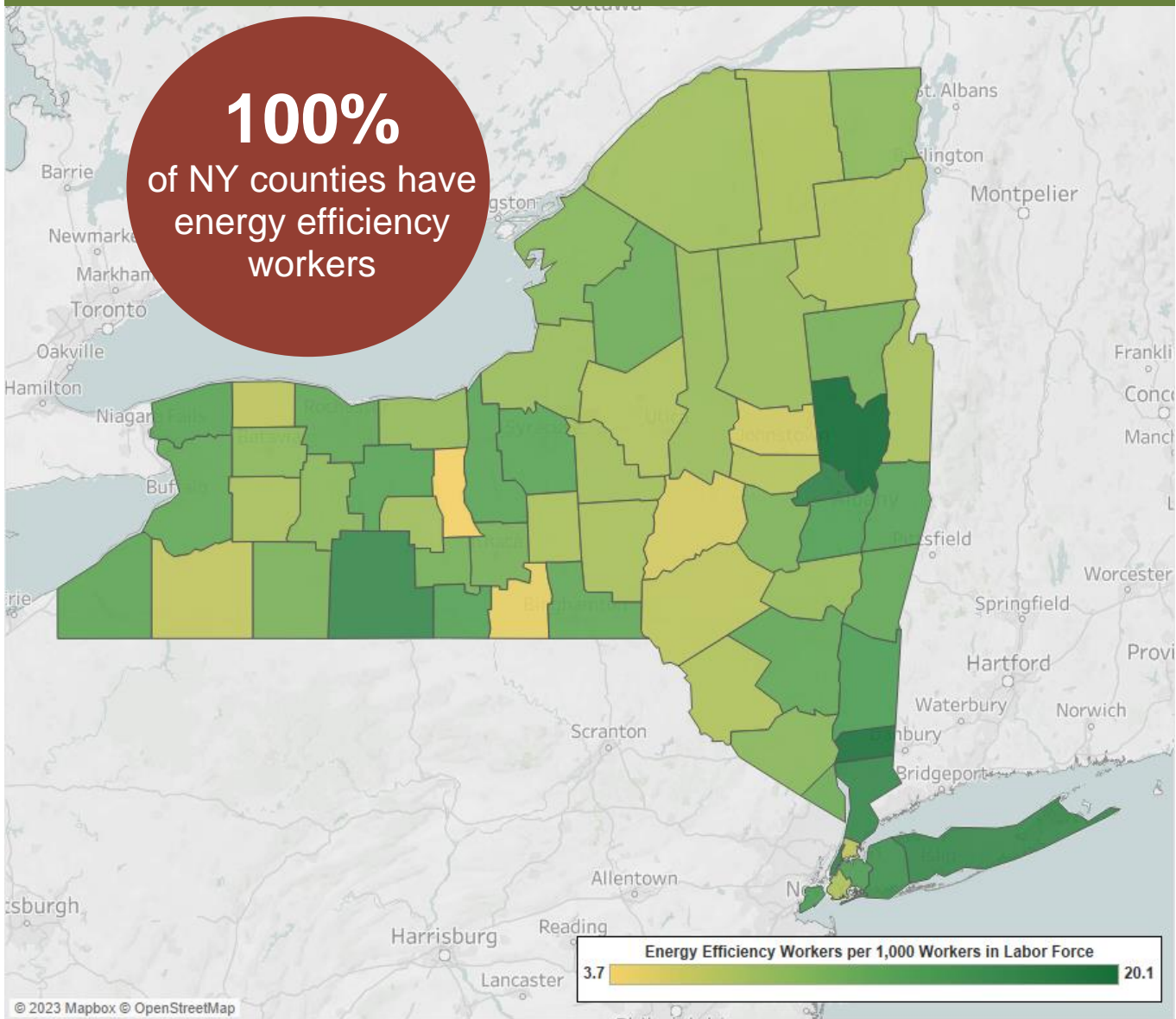
\*Includes non-Hispanic and Hispanic whites.



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



Metropolitan Areas			
Area	Jobs	Area	Jobs
Albany-Schenectady-Troy	6,547	Kingston	674
Binghamton	1,010	New York-Newark-Jersey City	92,966
Buffalo-Cheektowaga-Niagara Falls	6,239	Rochester	5,683
Elmira	427	Syracuse	3,441
Glens Falls	485	Utica-Rome	884
Ithaca	506	Rural	7,146

## State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	3,510	18	1,826	35	4,456	52	1,411
2	5,685	19	375	36	548	53	383
3	2,839	20	1,203	37	2,269	54	2,133
4	885	21	<10	38	2,567	55	1,873
5	3,298	22	393	39	2,396	56	2,431
6	4,655	23	1,292	40	2,202	57	1,763
7	2,126	24	779	41	1,882	58	1,014
8	1,096	25	859	42	1,968	59	3,037
9	1,097	26	6,495	43	3,247	60	2,379
10	1,317	27	15,016	44	2,786	61	1,042
11	1,967	28	1,133	45	2,442	62	1,167
12	2,544	29	1,266	46	1,645	63	215
13	699	30	559	47	1,927		
14	374	31	330	48	782		
15	317	32	1,265	49	769		
16	182	33	164	50	3,669		
17	3,203	34	1,019	51	1,836		

## State Assembly

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	2,054	39	<10	77	572	115	872
2	832	40	<10	78	602	116	641
3	923	41	1,540	79	184	117	610
4	674	42	370	80	298	118	289
5	1,784	43	332	81	263	119	136
6	1,787	44	790	82	154	120	649
7	1,117	45	510	83	<10	121	515
8	1,016	46	389	84	763	122	1,281
9	1,663	47	<10	85	124	123	213
10	2,218	48	<10	86	<10	124	697
11	135	49	210	87	<10	125	1,011
12	47	50	1,038	88	2,211	126	852
13	3,426	51	453	89	822	127	1,095
14	1,029	52	1,075	90	549	128	1,506
15	453	53	318	91	1,446	129	105
16	2,311	54	453	92	2,076	130	1,441
17	159	55	102	93	1,346	131	1,188
18	1,733	56	<10	94	901	132	576
19	248	57	<10	95	345	133	1,024
20	1,074	58	246	96	2,317	134	1,219
21	557	59	<10	97	252	135	213
22	96	60	23	98	1,172	136	610
23	570	61	1,233	99	1,284	137	1,057
24	908	62	762	100	538	138	45
25	766	63	<10	101	1,484	139	506
26	513	64	<10	102	1,213	140	905
27	1,116	65	6,030	103	1,242	141	1,857
28	526	66	953	104	690	142	1,014
29	439	67	3,147	105	668	143	1,489
30	1,746	68	475	106	384	144	637
31	38	69	<10	107	1,405	145	483
32	<10	70	112	108	1,441	146	225
33	63	71	193	109	985	147	607
34	207	72	79	110	712	148	550
35	<10	73	8,004	111	455	149	111
36	337	74	790	112	1,622	150	756
37	15	75	4,171	113	1,148		
38	77	76	134	114	746		

Congressional	
District	Jobs
1	8,889
2	4,493
3	7,324
4	5,501
5	1,640
6	2,817
7	7,774
8	1,946
9	883
10	10,475
11	2,266
12	11,478
13	822
14	1,615
15	1,496
16	3,430
17	7,424
18	5,387
19	5,092
20	5,668
21	4,098
22	3,725
23	4,293
24	5,067
25	4,326
26	5,326
27	2,749



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](http://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](http://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](http://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](mailto:policy@e4thefuture.org)