

# New Jersey

Energy Efficiency Jobs in America

38,267  
Total Jobs

## What are EE jobs?

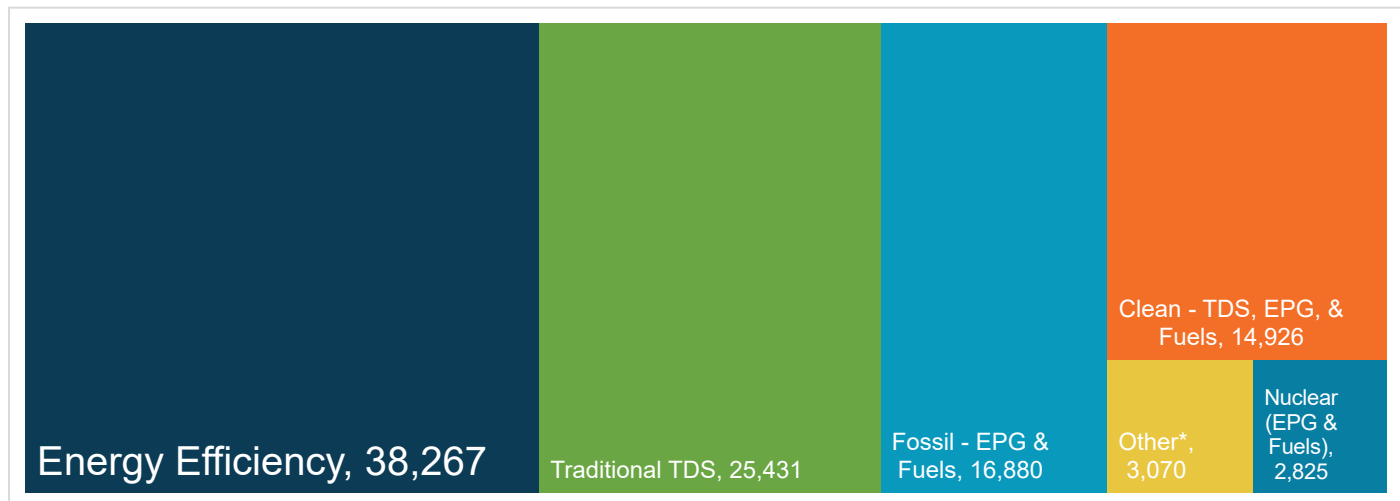
*Jobs that deliver goods and services that lower energy use by improving energy efficiency with a focus on appliances, buildings, data systems, financing, new technologies, and more.*

## 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 and industrial buildings.
- **Design and construct** high-performance buildings such as those earning nationally recognized sustainability and environmental performance ratings.
- **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 Jersey?

*Energy efficiency is the largest energy sector in New Jersey.*



TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

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

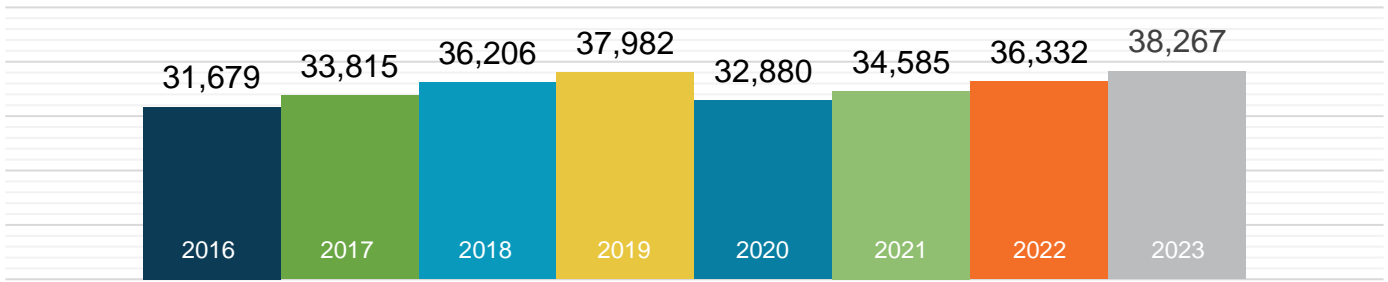
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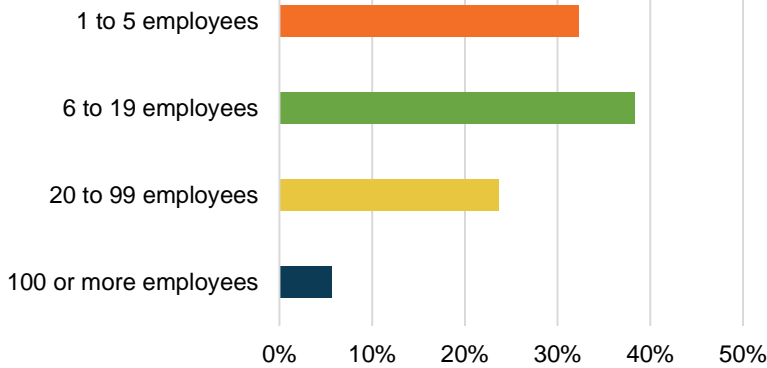
E4 THE FUTURE

# What does EE look like in New Jersey?

## EE Workers Employed in NJ



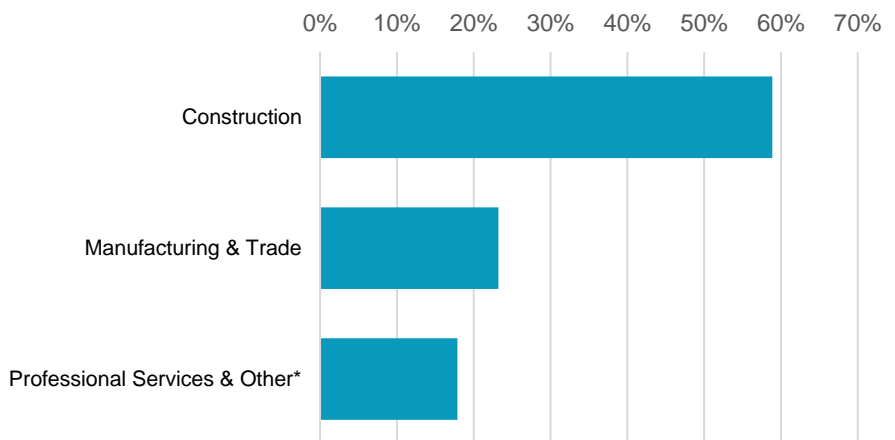
## 94.4% of NJ EE Businesses Have Fewer Than 100 Employees



EE construction workers comprise **14%** of New Jersey's construction workforce

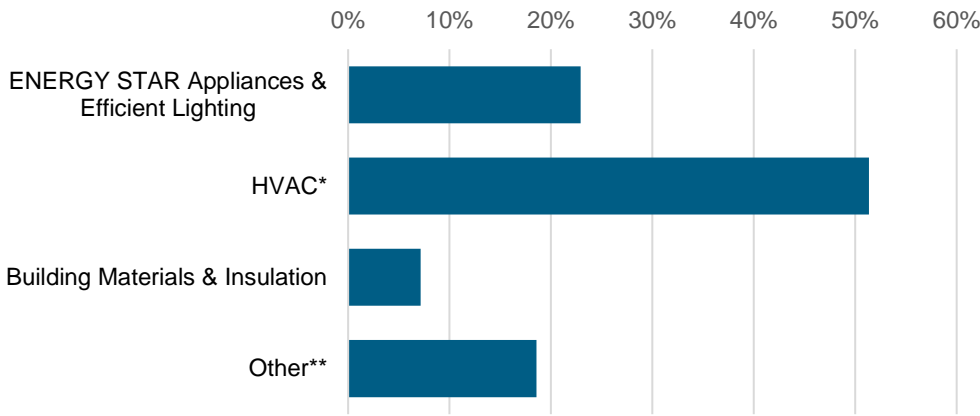


## What type of work do energy efficiency firms do?

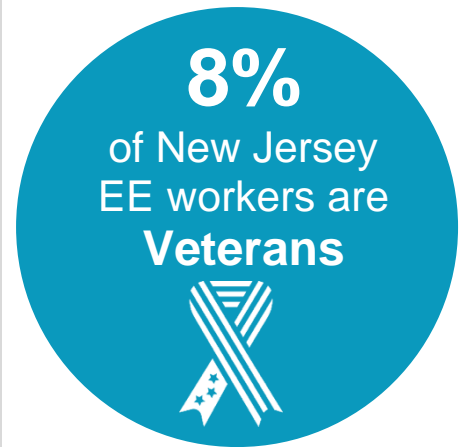


\*Professional services include finance/accounting, architecture, engineering, R&D, etc. and other includes maintenance, and business, and nonprofit organizations.

### What energy efficiency sectors employ the most workers?



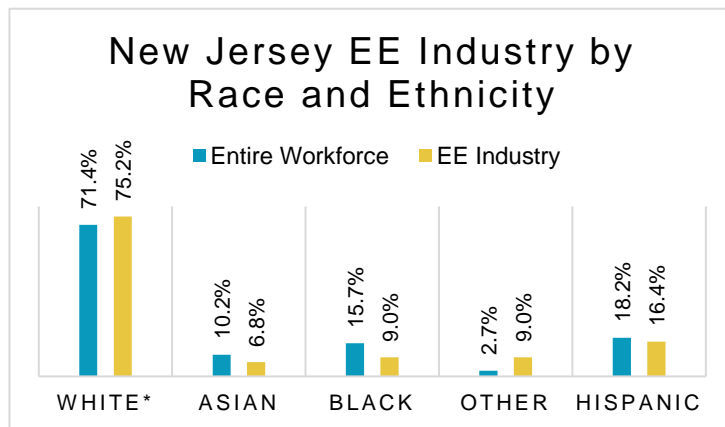
\*Heating, ventilation, air conditioning of higher than standard efficiency/renewable heating & cooling  
 \*\*Other such as energy audits, building certifications, and software services



## How is EE doing on diversity in New Jersey?

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 Jersey 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 New Jersey businesses.



\*Includes non-Hispanic and Hispanic whites.

### Gender in the New Jersey EE Workforce

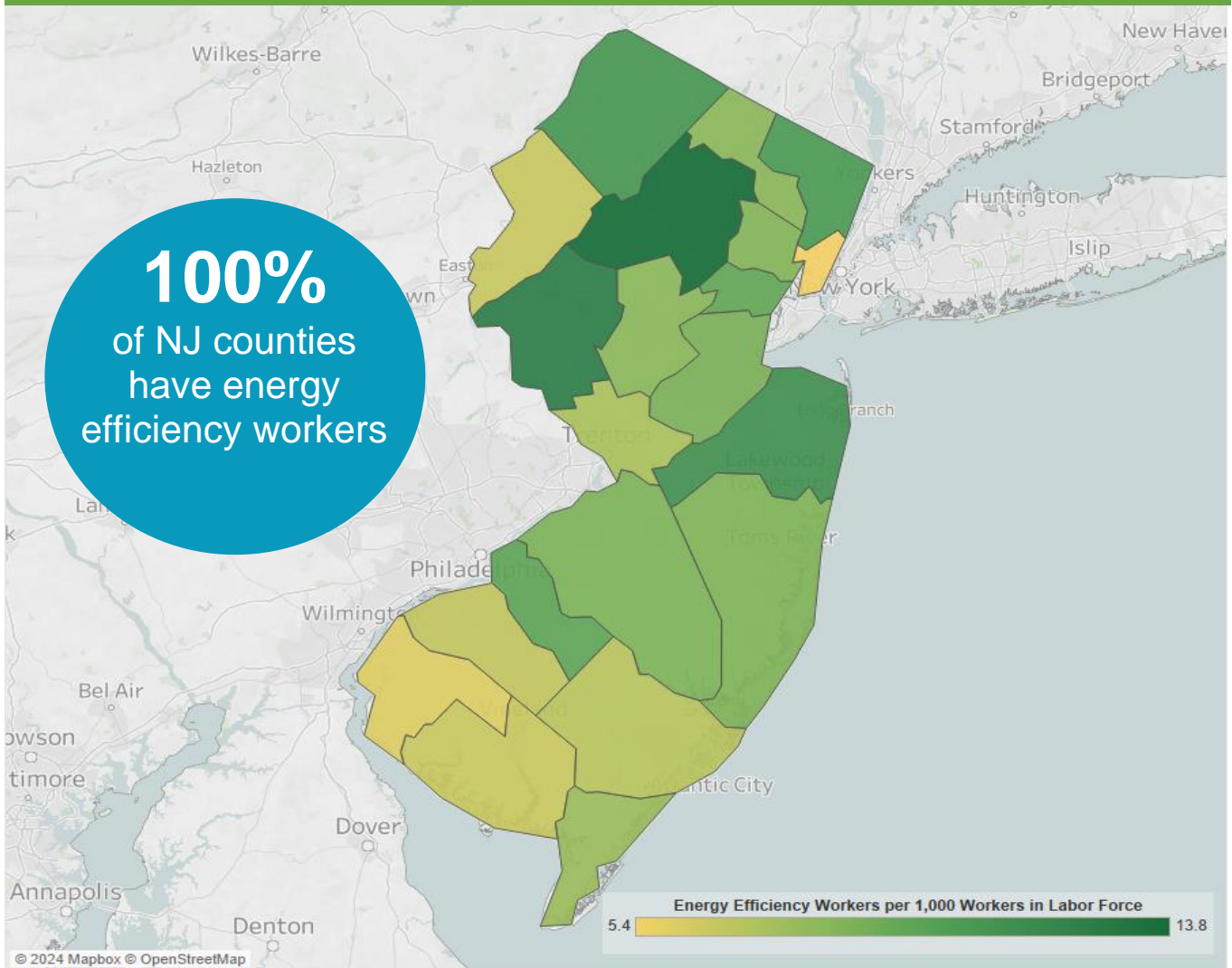


Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Non-binary gender data is missing from this document due to this limitation.



# Energy Efficiency Jobs are Everywhere

## EE Jobs by County



Congressional				Metropolitan Areas	
District	Jobs	District	Jobs	Area	Jobs
1	2,819	9	3,120	Allentown-Bethlehem-Easton	220
2	2,494	10	985	Atlantic City-Hammonton	871
3	3,910	11	3,604	New York-Newark-Jersey City	28,238
4	4,155	12	2,286	Ocean City	299
5	4,202			Philadelphia-Camden-Wilmington	4,871
6	2,396			Trenton	1,983
7	5,488			Vineland-Bridgeton	394
8	2,809			Rural	1,391

State Senate										
District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	971		11	1,948		21	1,454		31	700
2	911		12	1,177		22	768		32	561
3	668		13	676		23	888		33	454
4	628		14	1,114		24	1,012		34	686
5	794		15	947		25	1,460		35	852
6	705		16	1,625		26	1,609		36	688
7	1,142		17	945		27	907		37	1,674
8	855		18	648		28	597		38	1,024
9	1,164		19	534		29	708		39	1,318
10	1,306		20	615		30	575		40	959

State General Assembly										
District	Jobs		District	Jobs		District	Jobs		District	Jobs
1	945		11	2,279		21	1,411		31	671
2	974		12	1,194		22	737		32	548
3	645		13	650		23	888		33	456
4	653		14	1,117		24	1,037		34	621
5	788		15	970		25	1,402		35	830
6	684		16	1,566		26	1,630		36	691
7	1,185		17	1,034		27	876		37	1,683
8	869		18	622		28	572		38	1,032
9	1,126		19	506		29	681		39	1,264
10	1,356		20	588		30	568		40	918





The Building Performance Association (BPA) is a 501(c) 6 nonprofit industry association that serves as the hub for businesses, nonprofits, and government agencies working to make America's homes more comfortable, healthy, and energy efficient. Our mission is to transform the market for the home performance industry through advocacy, education, professional development, and networking. Visit [www.building-performance.org](http://www.building-performance.org).



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).



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Data Source: Unless otherwise stated, all data are from the U.S. Energy and Employment Report, August 2024, 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 BPA analyses please email: [communications@building-performance.org](mailto:communications@building-performance.org)

