

New Jersey

Energy Efficiency Jobs in America

34,585
Total Jobs

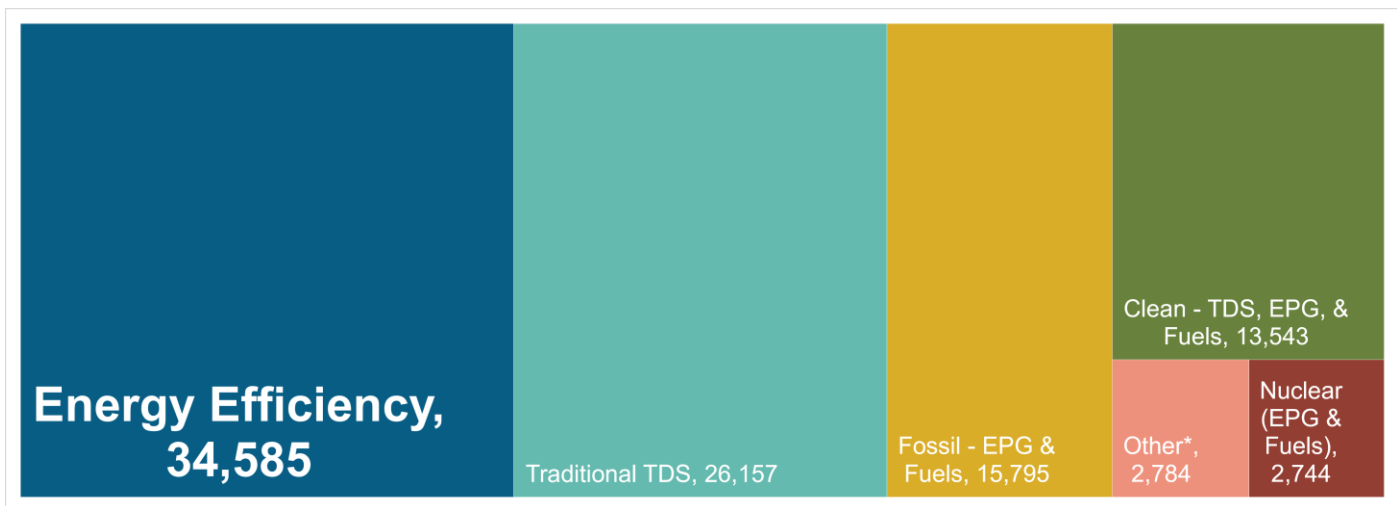


Energy efficiency (EE) workers are crucial to America’s workforce. EE jobs are everywhere – in rural, urban, and suburban communities.

Investing in EE is a highly cost-effective way to improve the reliability of the electric grid, reduce harmful emissions, and make other renewable energy resources, such as solar and wind, more valuable. Efficiency measures also lower household energy bills while creating high-quality, local jobs that cannot be outsourced.

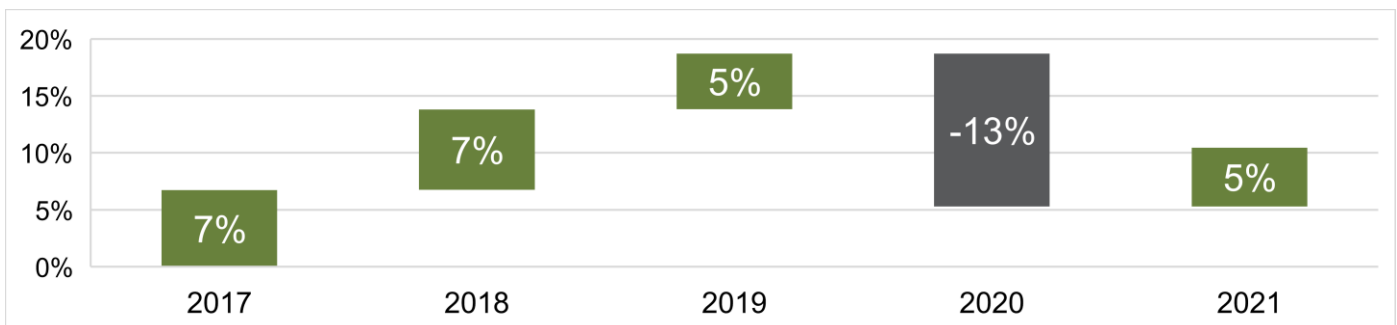
How do New Jersey’s energy sectors compare?

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.

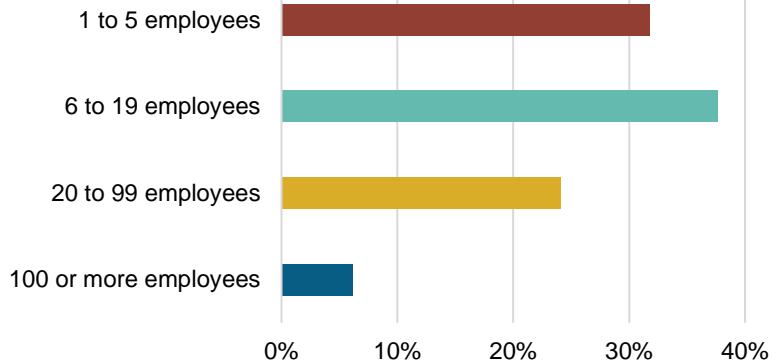
How is the EE industry growing in New Jersey?



Prior to 2020, the EE sector was growing steadily each year, but suffered heavy job losses in the COVID-19 pandemic. The EE industry has made a strong recovery, but job gains have been slower than in the U.S. workforce overall. As we invest in EE, a focus on workforce development is vital to ensure a strong efficiency industry for years to come.

What does EE look like in New Jersey?

93.6% of NJ EE Businesses Have Fewer Than 100 Employees



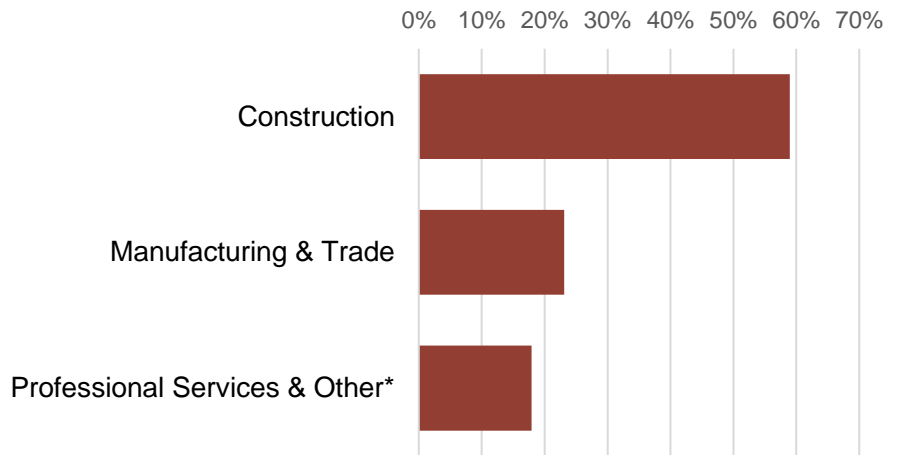
4,814
EE businesses in New Jersey



EE construction workers comprise **13%** of New Jersey's construction workforce

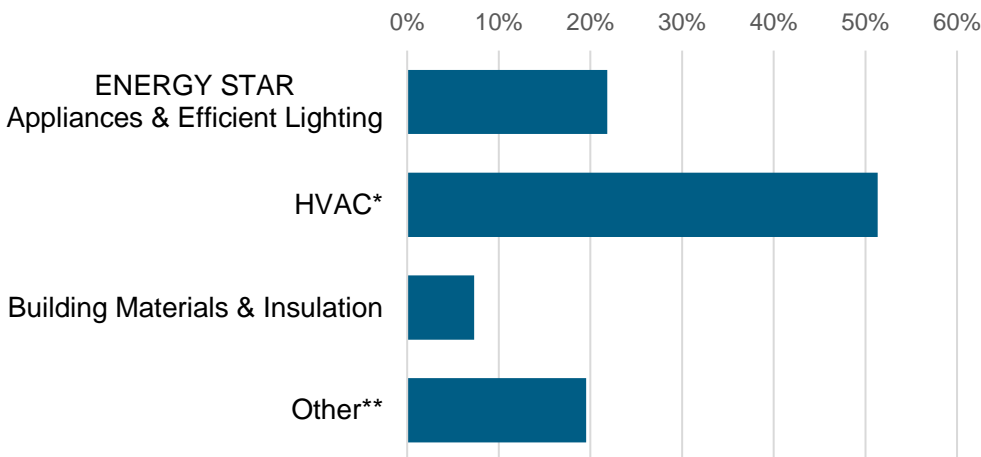


What type of work do energy efficiency firms do?



*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?



7%
of New Jersey EE workers are **Veterans**

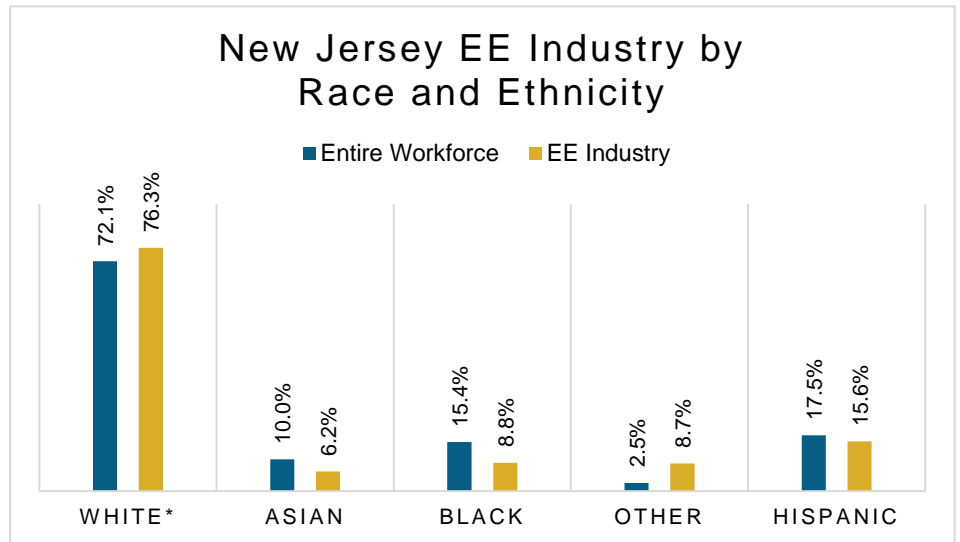


*Heating, Ventilation, Air Conditioning of higher than standard efficiency/renewable heating & cooling
**Other such as energy audits, building certifications, and software services

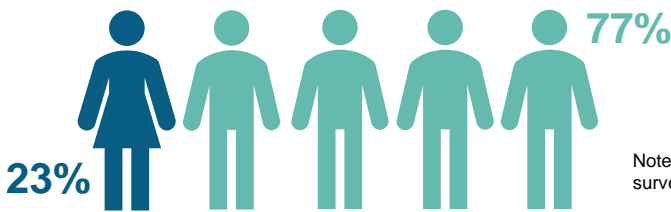
How is EE doing on diversity in New Jersey?

Demographic data is critical to measure progress in the EE industry. In striving for more diversity in EE jobs, we can create a stronger industry 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 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.

New Jersey's EE Potential


Decades of work ready for New Jersey's growing energy efficiency workforce.

Weatherization Assistance Program:



1,655* units weatherized in 2018, out of **~310,000** total low-income households

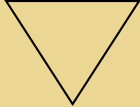
2,841,102 New Jersey homes are due for energy tune-ups



(Non low-income families whose residences are 20+ years old)

Potential to **reduce** residential electricity consumption by

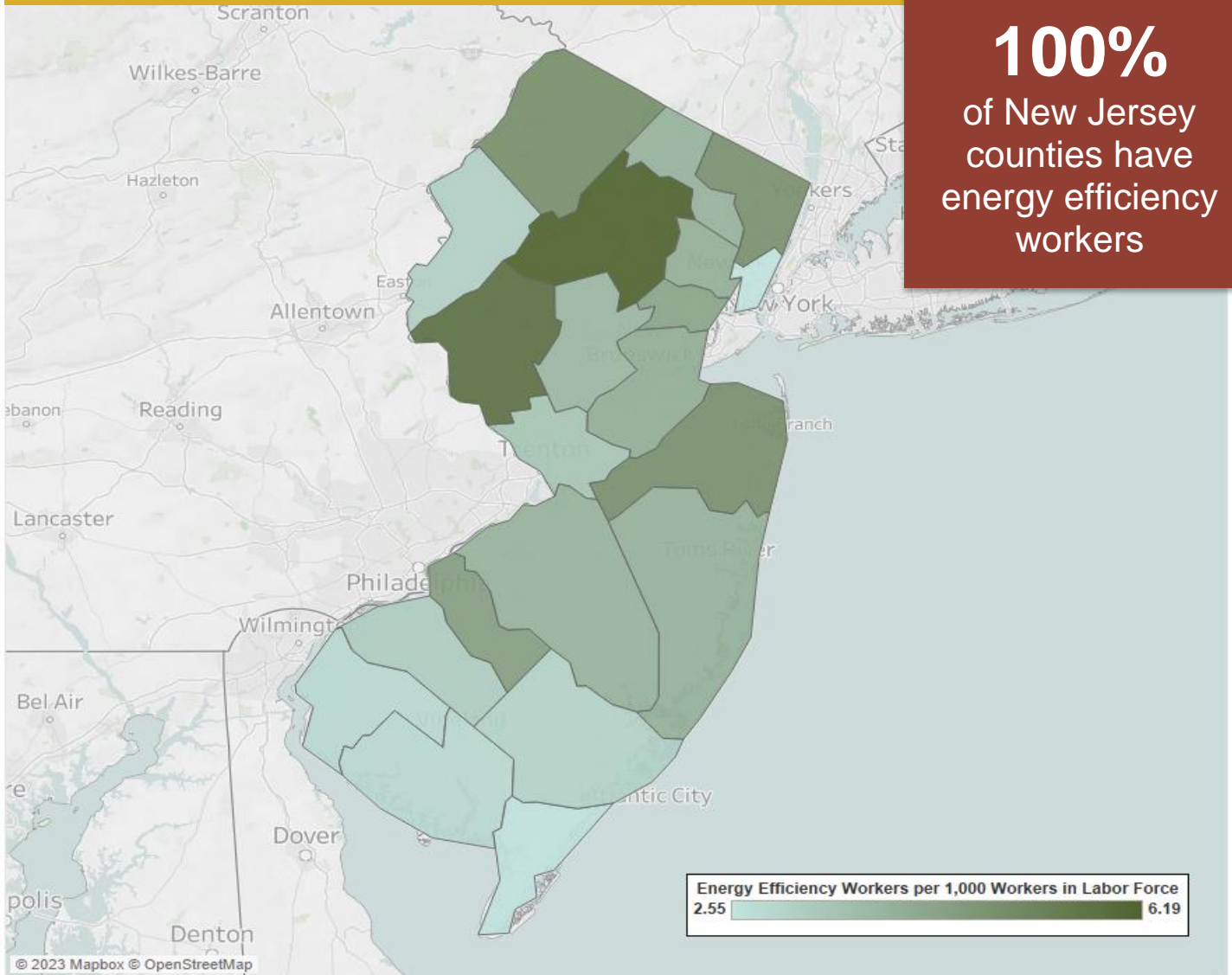
15%



*National Association for State community Services Programs (NASCS) [Weatherization Assistance Program Annual Funding Survey](#)
 Source: E4TheFuture/BW Research retrofit analysis, July 2021, [U.S. Census Bureau QuickFacts](#) and [State and Local Planning for Energy \(SLOPE\) Platform](#)

Energy Efficiency Jobs are Everywhere

EE Jobs by County



Metropolitan Areas	
Area	Jobs
Allentown-Bethlehem-Easton	426
Atlantic City	689
New York-Northern New Jersey-Long Island	26,339
Ocean City	410
Philadelphia-Camden-Wilmington	4,902
Trenton-Ewing	1,508
Vineland-Millville-Bridgeton	310

Jobs by County			
County	Jobs	County	Jobs
Atlantic County	793	Middlesex County	3,530
Bergen County	4,267	Monmouth County	2,689
Burlington County	1,627	Morris County	3,712
Camden County	1,847	Ocean County	1,473
Cape May County	273	Passaic County	1,329
Cumberland County	351	Salem County	124
Essex County	2,733	Somerset County	1,474
Gloucester County	782	Sussex County	384
Hudson County	1,386	Union County	1,988
Hunterdon County	532	Warren County	201
Mercer County	1,815	N/A	1,274



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: Unless otherwise stated, all data are from the U.S. Energy and Employment Report, June 2022, by the U.S. Department of Energy (see Appendix C 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.