

# Maine

## Energy Efficiency Jobs in America

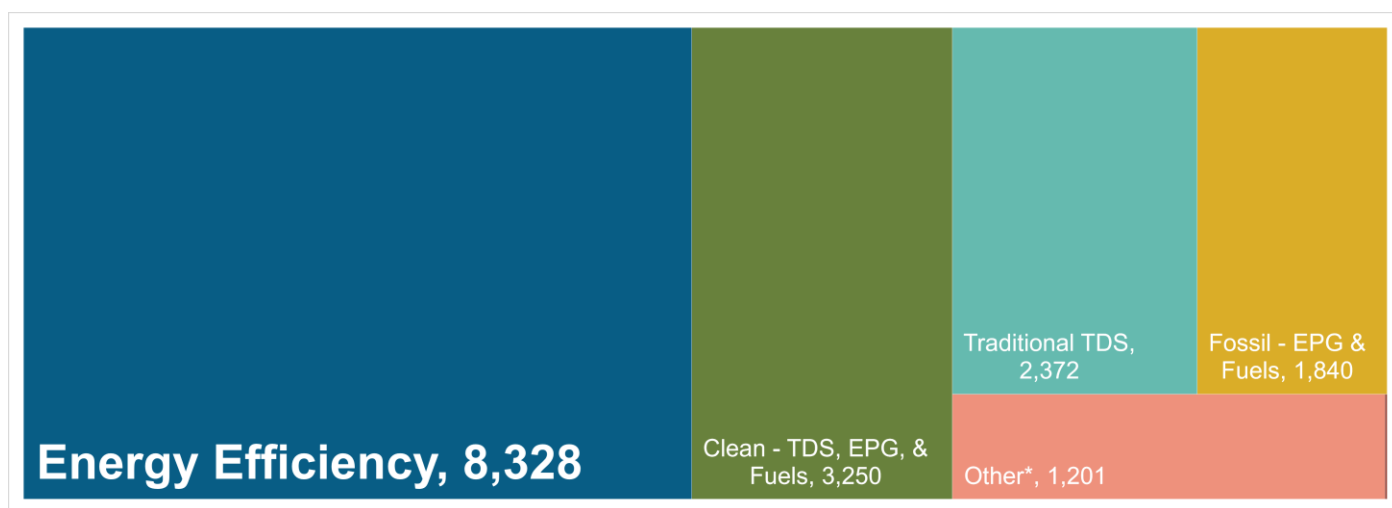


Energy efficiency (EE) workers are crucial to America’s workforce. EE jobs are everywhere – in rural, urban, and suburban communities.

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.

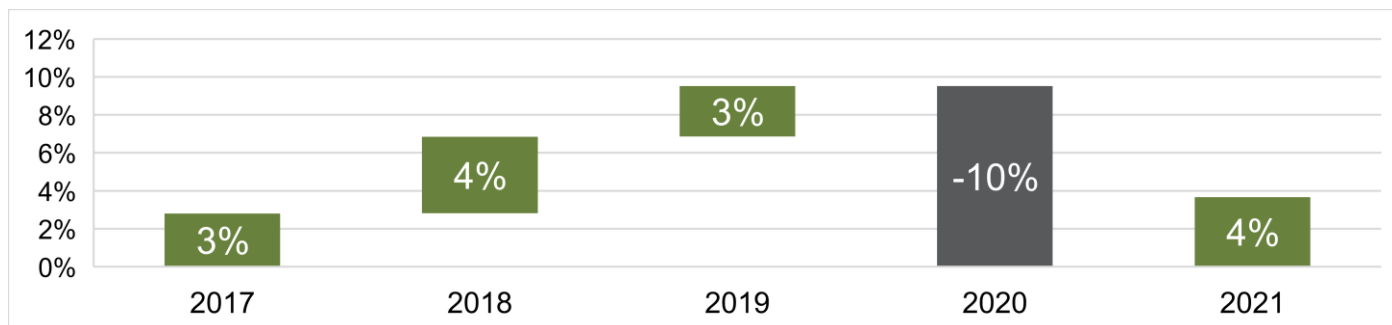
### How do Maine’s energy sectors compare?

Energy Efficiency is the **largest** energy sector in Maine



TDS = Transmission, Distribution & Storage  
EPG = Electric Power Generation  
Nuclear (EPG & Fuels), < 15  
\*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

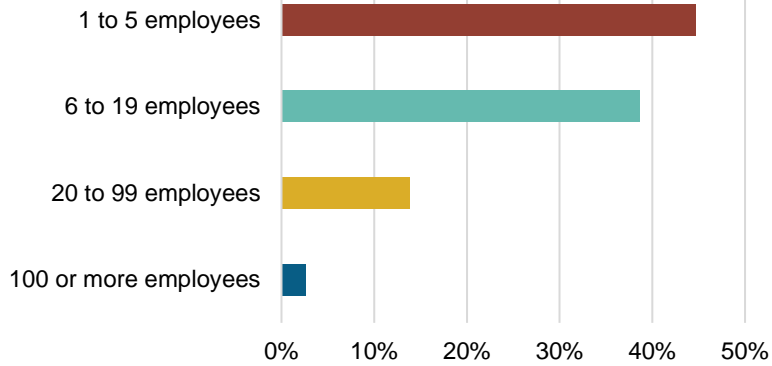
### How is the EE industry growing in Maine?



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 Maine?

97.3% of ME EE Businesses Have Fewer Than 100 Employees



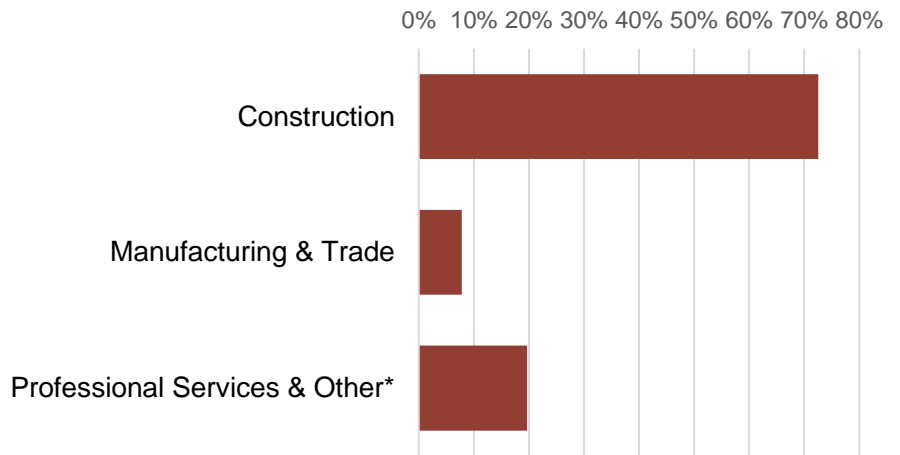
**1,637**  
EE businesses in  
Maine



EE construction workers comprise **19%** of Maine's construction workforce

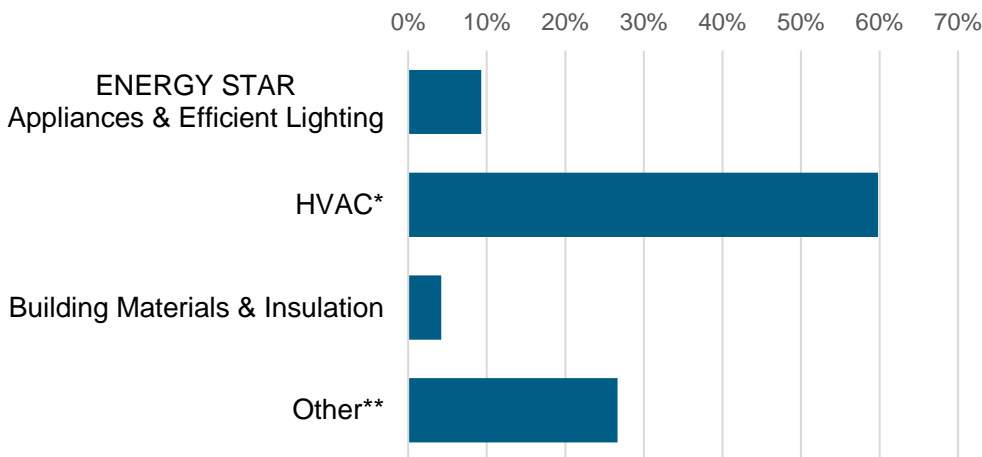


What type of work do energy efficiency firms do?



\*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 Maine  
EE workers are  
**Veterans**

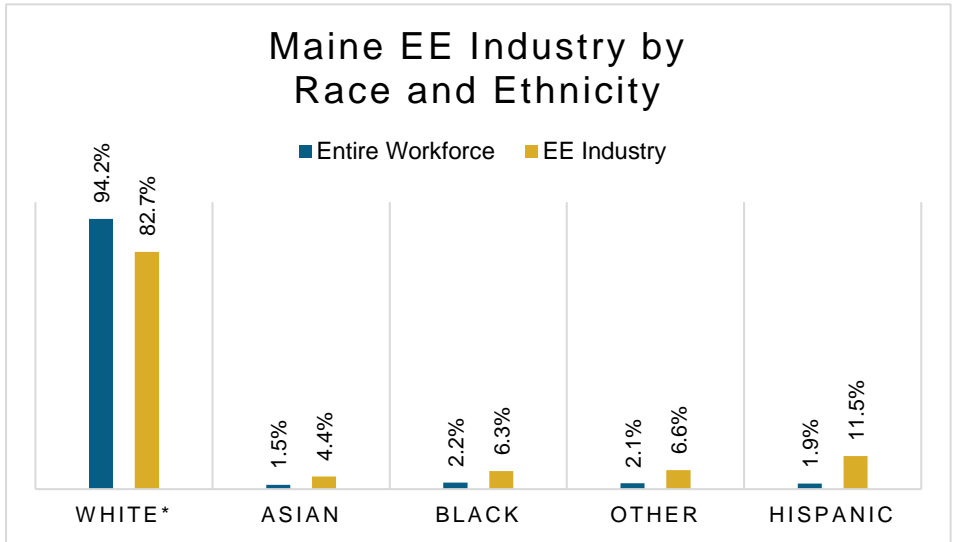


\*Heating, Ventilation, Air Conditioning of higher than standard efficiency/renewable heating & cooling  
\*\*Other such as energy audits, building certifications, and software services

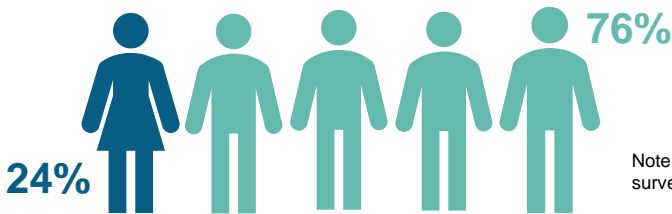
# How is EE doing on diversity in Maine?

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 Maine 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.

## Maine's EE Potential


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

Weatherization Assistance Program:



**468\*** units weatherized in 2018, out of **~64,000** total low-income households

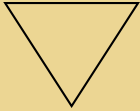
**563,318** Maine homes are due for energy tune-ups



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

Potential to **reduce** residential electricity consumption by

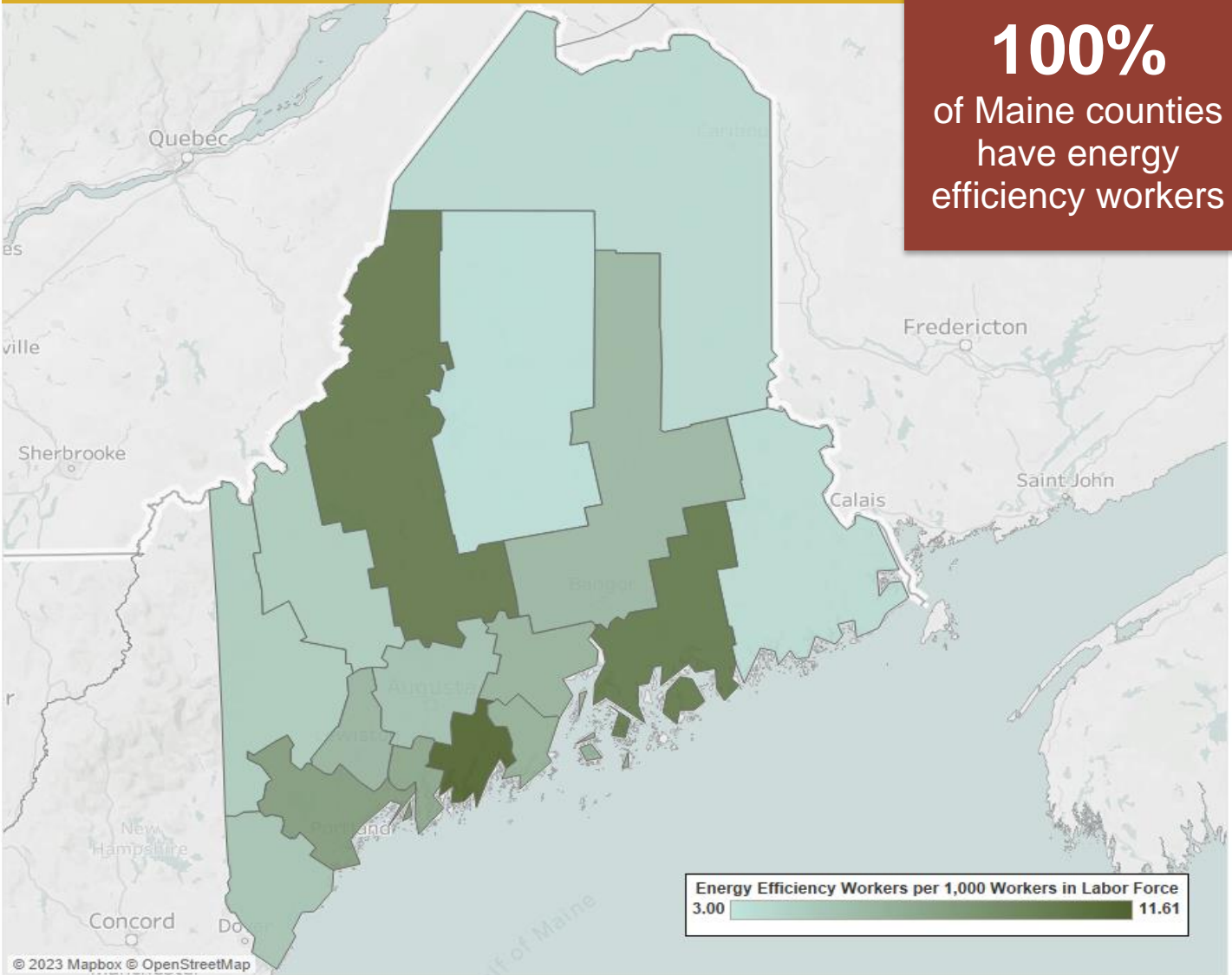
**25%**



\*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
Bangor	821
Lewiston-Auburn	503
Portland-South Portland-Biddeford	3,659
Rural	3,345

Jobs by County			
County	Jobs	County	Jobs
Androscoggin County	593	Penobscot County	854
Aroostook County	191	Piscataquis County	40
Cumberland County	2,955	Sagadahoc County	239
Franklin County	95	Somerset County	329
Hancock County	501	Waldo County	149
Kennebec County	668	Washington County	73
Knox County	229	York County	830
Lincoln County	274	N/A	150
Oxford County	158		



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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](mailto:policy@e4thefuture.org).