

Good for the Economy.
Good for the Environment.

Energy Efficiency Jobs in America 2018

Grant Carlisle, Advocacy Director
10/25/2018



Energy Efficiency Jobs in America

ABOUT THE REPORT

- Analysis expands on data from the [2018 U.S. Energy and Employment Report \(USEER\)](#) released in May 2016
- Report released **in partnership with E4TheFuture** and is a continuation of Energy Efficiency Jobs in America report released in 2016
- Study highlights energy efficiency's growing economic importance, now **America's largest energy jobs sector**
- **Most detailed-ever report** on US energy efficiency employment

TOP 10 STATES FOR ENERGY EFFICIENCY JOBS

RANK	STATE	TOTAL	ENERGY STAR & EFFICIENT LIGHTING	HVAC, RENEWABLE HEATING & COOLING	ADVANCED BUILDING MATERIALS/ INSULATION	OTHER
1	California	310,433	69,011	183,278	18,677	39,468
2	Texas	154,565	57,203	63,074	20,152	14,135
3	New York	117,339	35,184	38,030	7,305	12,666
4	Florida	112,620	30,757	66,614	31,167	8,236
5	Illinois	86,916	12,416	7,619	7,440	13,782
6	Massachusetts	84,556	13,637	58,558	10,811	8,501
7	Michigan	84,052	14,009	41,252	48,643	18,856
8	North Carolina	84,020	42,223	34,206	5,885	10,243
9	Ohio	79,653	15,487	31,034	19,718	4,878
10	Virginia	76,621	19,939	30,092	10,568	16,022

ENERGY EFFICIENCY JOBS NOW EMPLOY MORE WORKERS THAN THE FOSSIL FUEL INDUSTRY IN 40 STATES AND THE DISTRICT OF COLUMBIA



Good for the Economy.
Good for the Environment.



Energy Efficiency Jobs in America

NATIONAL OVERVIEW

- **353,269** U.S. businesses are primarily focused on energy efficiency.
- Energy efficiency jobs grew by **twice the national average** of the entire energy sector: 67,000 (of 133,000 total).
- **11% of the nationwide energy efficiency jobs are held by veterans**—nearly double the national average.
- Energy efficiency jobs are local, with workers in **99.7%** of all U.S. counties.

Good for the Economy.
Good for the Environment.



Energy Efficiency Jobs in America

NATIONAL OVERVIEW

289,622 JOBS

Vital Energy Efficiency Services

- // **208,000** jobs in construction and manufacturing
- // Includes energy audits, building certifications, and software services
- // More than all athletes, coaches, umpires and referees, scouts, and other sports officials combined

350,918 JOBS

Building Materials & Insulation

- // **270,000+** jobs in construction and manufacturing
- // Advanced materials create higher-performance buildings; recycled materials mitigate waste stream issues, among other benefits
- // Outnumbers all U.S. pharmacists

511,933 JOBS

ENERGY STAR Appliances & Efficient Lighting

- // **+7%** growth rate
- // Includes household and commercial appliances, e.g., refrigerators, dishwashers, ceiling fans, and various advanced lighting types; ENERGY STAR market penetration continues to increase
- // More jobs than real estate brokers and sales agents combined

1,096,051 JOBS

HVAC (Heating Ventilation & Air Conditioning)

- // **+5.6%** growth rate
- // Heating, Ventilation, Air Conditioning of higher than standard efficiency. Includes renewable heating and cooling technologies
- // More than all of America's legal workers combined, including lawyers, court reporters, judges, and paralegals

Good for the Economy.
Good for the Environment.



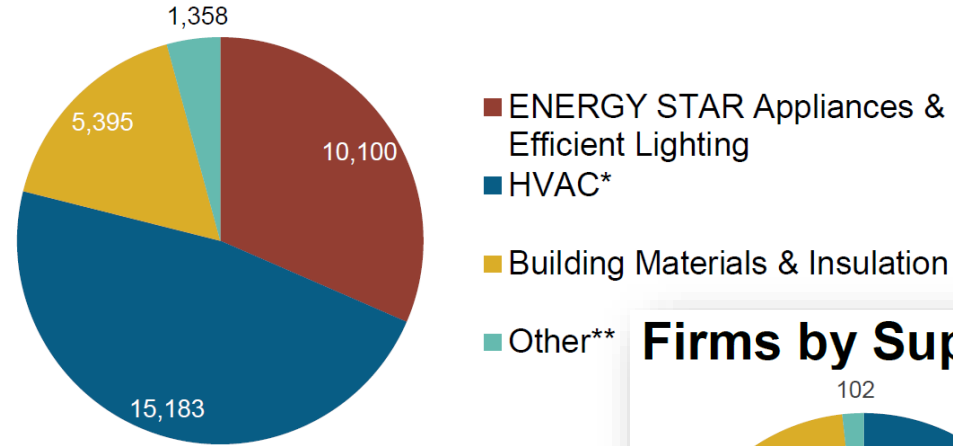
Energy Efficiency Jobs in America

STATE INDUSTRY BREAKDOWNS

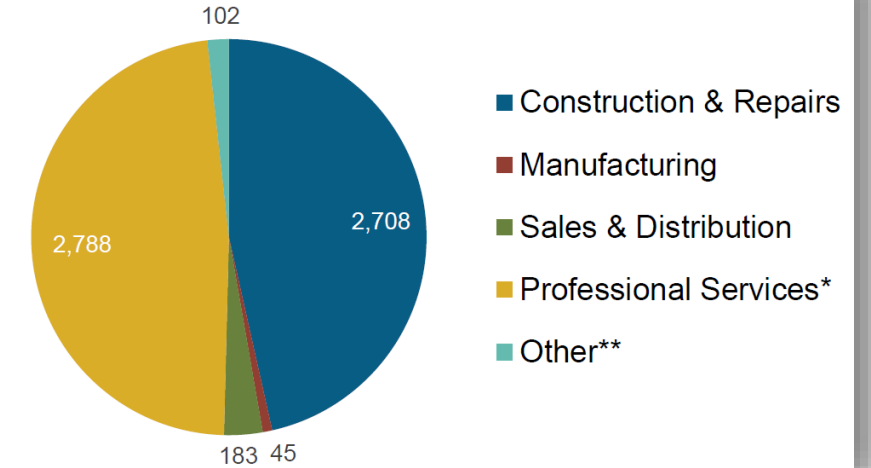
Colorado

- **32,036 total EE Jobs** in Colorado
- EE Jobs comprise **10% of construction jobs** and **21% of all energy sector jobs** in Colorado

Jobs by Sector



Firms by Supply Chain



Good for the Economy.
Good for the Environment.

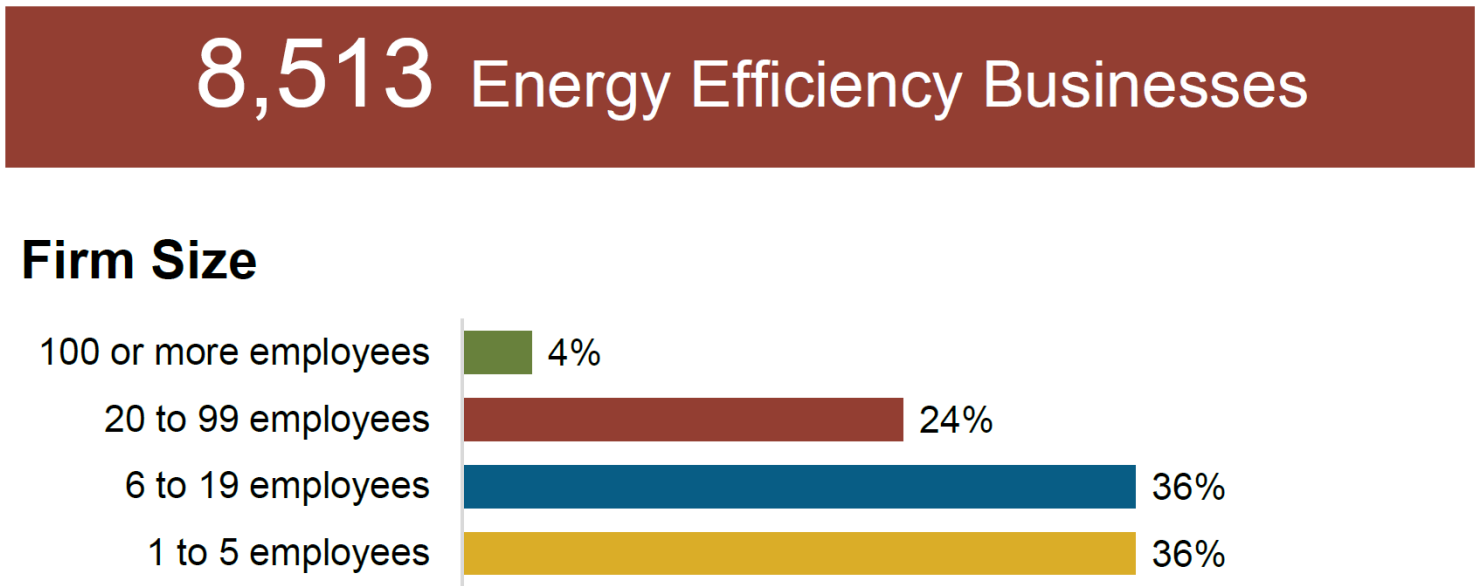


Energy Efficiency Jobs in America

STATE BUSINESS BREAKDOWNS

Virginia

- **5,825 total EE Businesses** are based in Virginia
- **72%** of Virginia EE businesses employ fewer than 20 employees
- **12%** of CO residents employed in EE **are veterans**



Good for the Economy.
Good for the Environment.

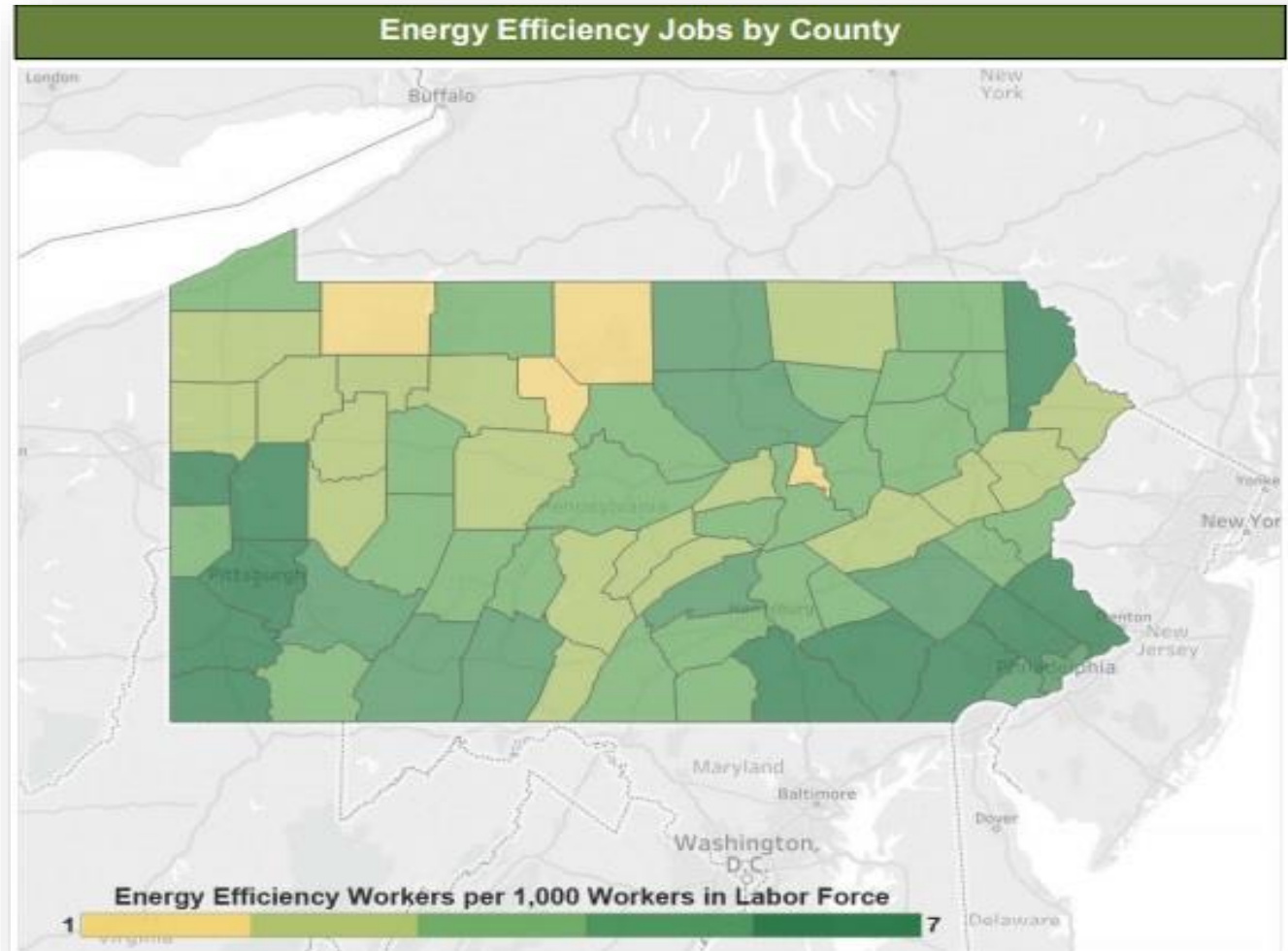


Energy Efficiency Jobs in America

STATE JOBS HEAT MAPS

Pennsylvania

- **65,288** energy efficiency jobs statewide
- EE Jobs in **all 67 counties**



Good for the Economy.
Good for the Environment.

