

# Texas

## Energy Efficiency Jobs in America

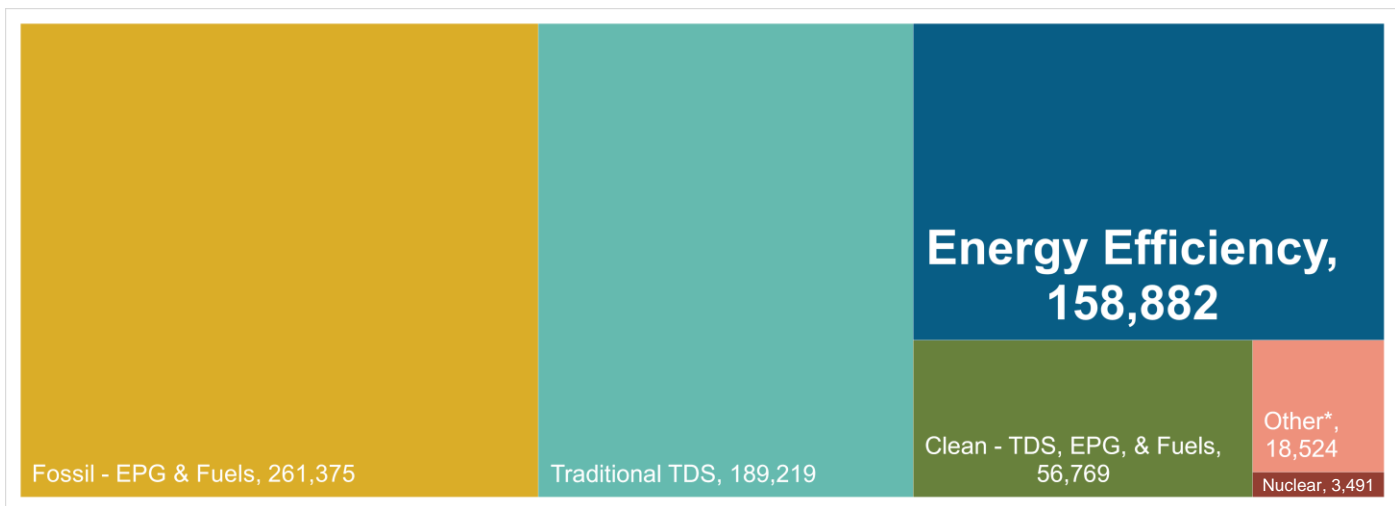
158,882  
Total Jobs

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.

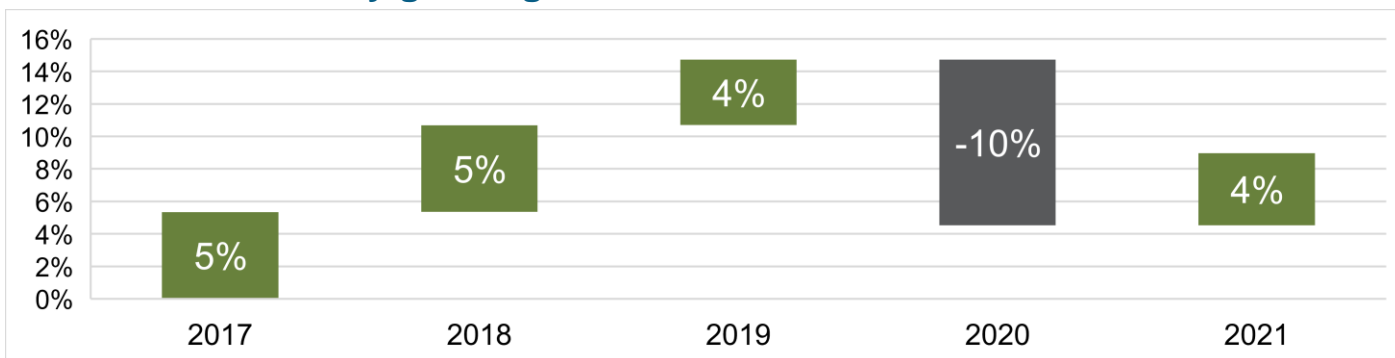
### How do Texas's energy sectors compare?

Energy Efficiency is the **third largest** energy sector in Texas



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

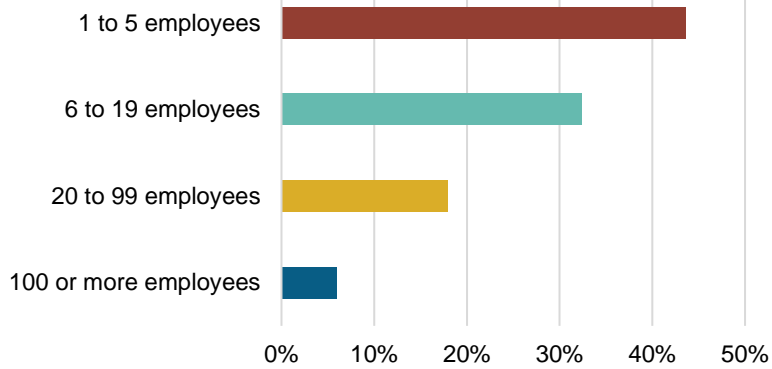
### How is the EE industry growing in Texas?



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 Texas?

## 94% of TX EE Businesses Have Fewer Than 100 Employees



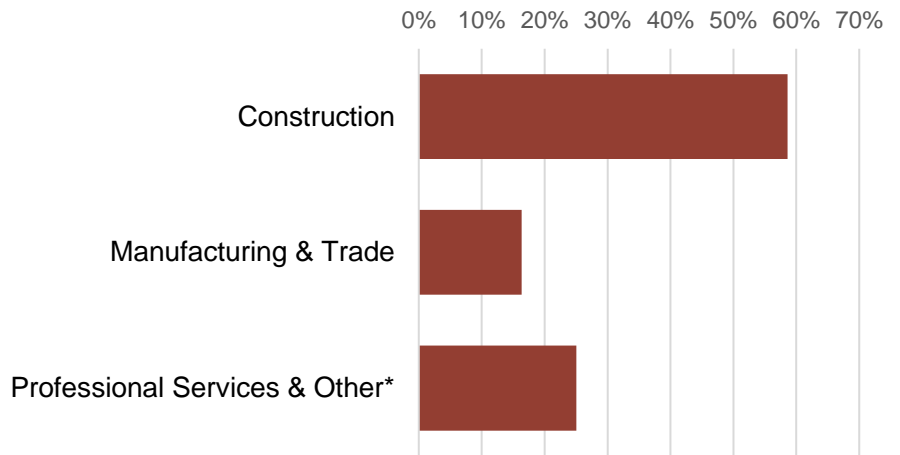
**31,473**  
EE businesses in Texas



EE construction workers comprise **12%** of Texas's construction workforce

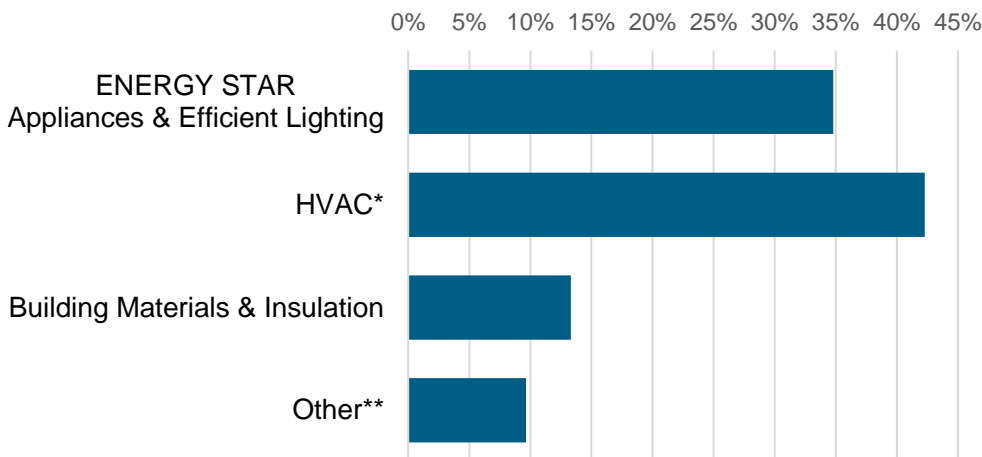


## What type of work do energy efficiency firms do?



\*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 Texas EE workers are **Veterans**

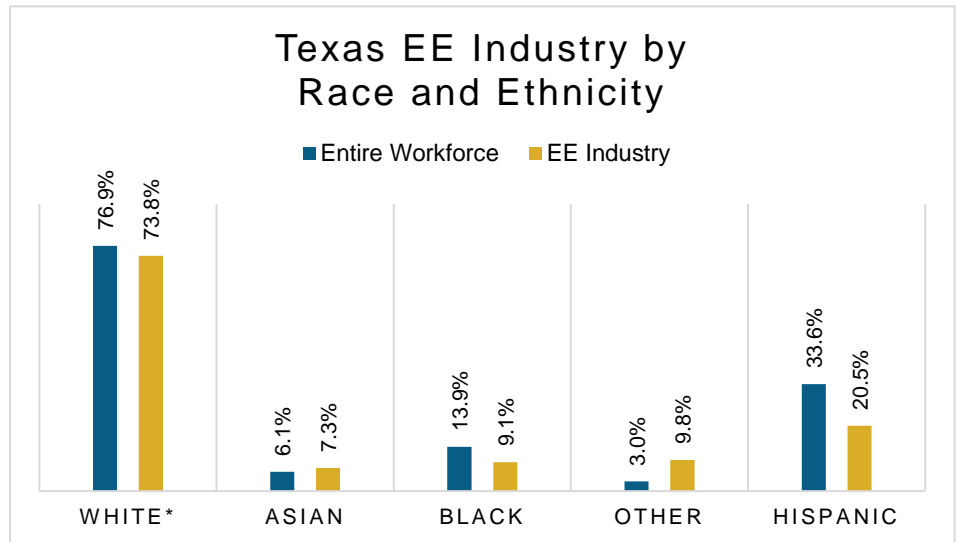


\*Heating, Ventilation, Air Conditioning of higher than standard efficiency/renewable heating & cooling  
\*\*Other such as energy audits, building certifications, and software services

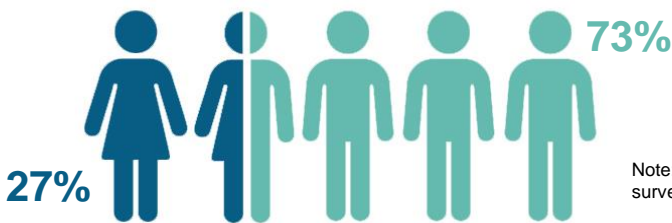
# How is EE doing on diversity in Texas?

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 Texas 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.

## Texas's EE Potential


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

Weatherization Assistance Program:



**3,186\*** units weatherized in 2018, out of ~**1,400,000** total low-income households

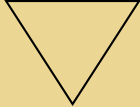
**6,309,825** Texas homes are due for energy tune-ups



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

Potential to **reduce** residential electricity consumption by

**44%**

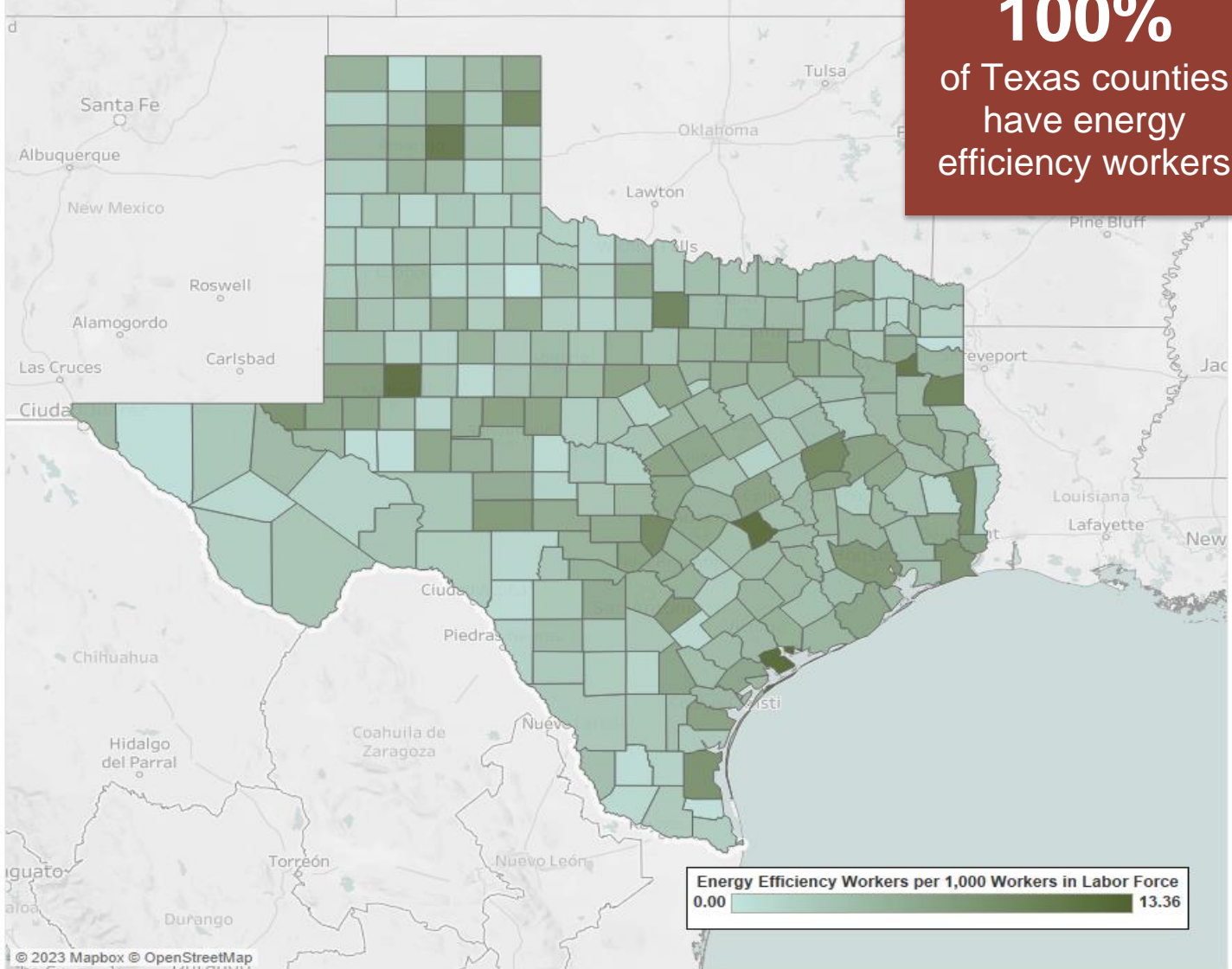


\*National Association for State community Services Programs (NASCS) [Weatherization Assistance Program Annual Funding Survey](#)  
 Source: E4TheFuture/BW Research retrofit analysis, July 2021, [U.S. Census Bureau QuickFacts](#) and [State and Local Planning for Energy \(SLOPE\) Platform](#)

# Energy Efficiency Jobs are Everywhere

## EE Jobs by County

**100%**  
of Texas counties  
have energy  
efficiency workers



Metropolitan Areas					
Area	Jobs	Area	Jobs	Area	Jobs
Abilene	991	Houston-Sugar Land-Baytown	42,502	San Antonio	13,931
Amarillo	1,837	Killeen-Temple-Fort Hood	1,594	Sherman-Denison	596
Austin-Round Rock	16,624	Laredo	953	Texarkana	594
Beaumont-Port Arthur	2,268	Longview	1,417	Tyler	1,776
Brownsville-Harlingen	1,119	Lubbock	1,895	Victoria	851
College Station-Bryan	1,125	McAllen-Edinburg-Mission	2,260	Waco	1,280
Corpus Christi	2,796	Midland	1,381	Wichita Falls	918
Dallas-Fort Worth-Arlington	39,063	Odessa	1,147	Rural	15,782
El Paso	3,552	San Angelo	630		

## Jobs by County

County	Jobs	County	Jobs	County	Jobs	County	Jobs
Anderson County	118	Concho County	<10	Hale County	78	La Salle County	18
Andrews County	113	Cooke County	111	Hall County	<10	Lavaca County	63
Angelina County	321	Coryell County	209	Hamilton County	29	Lee County	173
Aransas County	61	Cottle County	<10	Hansford County	17	Leon County	94
Archer County	24	Crane County	<10	Hardeman County	<10	Liberty County	165
Armstrong County	<10	Crockett County	<10	Hardin County	169	Limestone County	45
Atascosa County	97	Crosby County	<10	Harris County	39,284	Lipscomb County	17
Austin County	131	Culberson County	<10	Harrison County	239	Live Oak County	49
Bailey County	11	Dallam County	50	Hartley County	10	Llano County	53
Bandera County	43	Dallas County	25,529	Haskell County	10	Loving County	<10
Bastrop County	178	Dawson County	20	Hays County	877	Lubbock County	1,508
Baylor County	<10	Deaf Smith County	42	Hemphill County	32	Lynn County	<10
Bee County	71	Delta County	12	Henderson County	150	McCulloch County	15
Bell County	902	Denton County	2,591	Hidalgo County	1,538	McLennan County	1,388
Bexar County	9,657	DeWitt County	76	Hill County	88	McMullen County	<10
Blanco County	76	Dickens County	<10	Hockley County	65	Madison County	71
Borden County	<10	Dimmit County	33	Hood County	180	Marion County	<10
Bosque County	39	Donley County	<10	Hopkins County	86	Martin County	54
Bowie County	300	Duval County	24	Houston County	112	Mason County	<10
Brazoria County	1,648	Eastland County	87	Howard County	93	Matagorda County	114
Brazos County	1,077	Ector County	1,016	Hudspeth County	<10	Maverick County	73
Brewster County	28	Edwards County	<10	Hunt County	233	Medina County	129
Briscoe County	<10	Ellis County	666	Hutchinson County	120	Menard County	<10
Brooks County	10	El Paso County	2,974	Irion County	<10	Midland County	934
Brown County	109	Erath County	225	Jack County	53	Milam County	80
Burleson County	39	Falls County	12	Jackson County	67	Mills County	10
Burnet County	219	Fannin County	55	Jasper County	176	Mitchell County	<10
Caldwell County	55	Fayette County	83	Jeff Davis County	<10	Montague County	39
Calhoun County	352	Fisher County	<10	Jefferson County	2,078	Montgomery County	2,277
Callahan County	26	Floyd County	<10	Jim Hogg County	<10	Moore County	90
Cameron County	762	Foard County	<10	Jim Wells County	118	Morris County	29
Camp County	26	Fort Bend County	2,054	Johnson County	682	Motley County	<10
Carson County	37	Franklin County	20	Jones County	28	Nacogdoches County	293
Cass County	35	Freestone County	40	Karnes County	18	Navarro County	125
Castro County	18	Frio County	42	Kaufman County	520	Newton County	<10
Chambers County	158	Gaines County	57	Kendall County	281	Nolan County	43
Cherokee County	142	Galveston County	1,168	Kenedy County	<10	Nueces County	2,273
Childress County	16	Garza County	19	Kent County	<10	Ochiltree County	40
Clay County	<10	Gillespie County	159	Kerr County	210	Oldham County	10
Cochran County	<10	Glasscock County	<10	Kimble County	17	Orange County	355
Coke County	11	Goliad County	12	King County	<10	Palo Pinto County	57
Coleman County	11	Gonzales County	40	Kinney County	<10	Panola County	169
Collin County	4,486	Gray County	68	Kleberg County	68	Parker County	427
Collingsworth County	<10	Grayson County	417	Knox County	10	Parmer County	20
Colorado County	78	Gregg County	1,754	Lamar County	192	Pecos County	37
Comal County	878	Grimes County	73	Lamb County	15	Polk County	83
Comanche County	19	Guadalupe County	509	Lampasas County	73	Potter County	921

## Jobs by County

County	Jobs	County	Jobs	County	Jobs	County	Jobs
Presidio County	10	San Saba County	<10	Terry County	24	Webb County	637
Rains County	24	Schleicher County	10	Throckmorton County	<10	Wharton County	128
Randall County	382	Scurry County	65	Titus County	64	Wheeler County	<10
Reagan County	24	Shackelford County	<10	Tom Green County	497	Wichita County	424
Real County	<10	Shelby County	69	Travis County	11,683	Wilbarger County	16
Red River County	10	Sherman County	<10	Trinity County	31	Willacy County	<10
Reeves County	65	Smith County	1,244	Tyler County	13	Williamson County	2,273
Refugio County	29	Somervell County	18	Upshur County	100	Wilson County	147
Roberts County	<10	Starr County	39	Upton County	<10	Winkler County	47
Robertson County	36	Stephens County	38	Uvalde County	64	Wise County	182
Rockwall County	426	Sterling County	<10	Val Verde County	98	Wood County	73
Runnels County	42	Stonewall County	<10	Van Zandt County	141	Yoakum County	35
Rusk County	118	Sutton County	20	Victoria County	361	Young County	40
Sabine County	22	Swisher County	<10	Walker County	122	Zapata County	23
San Augustine County	19	Tarrant County	10,827	Waller County	171	Zavala County	21
San Jacinto County	22	Taylor County	688	Ward County	53	N/A	3,588
San Patricio County	220	Terrell County	<10	Washington County	150		



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).



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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).