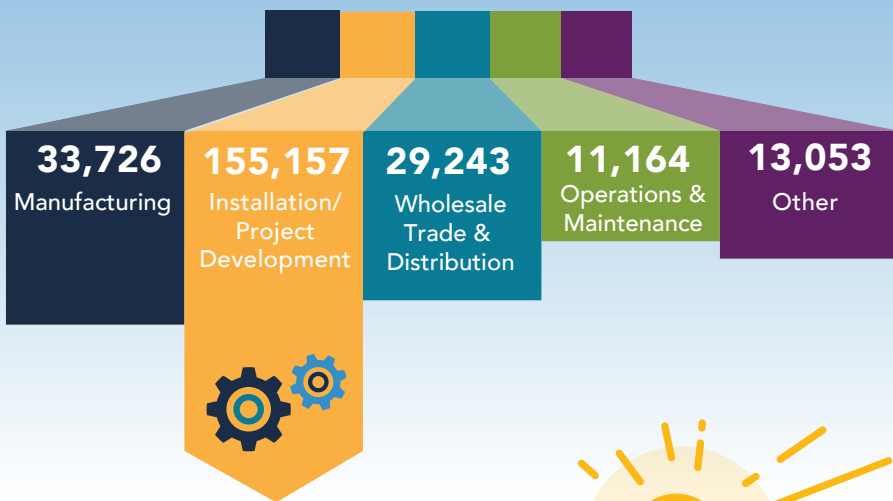


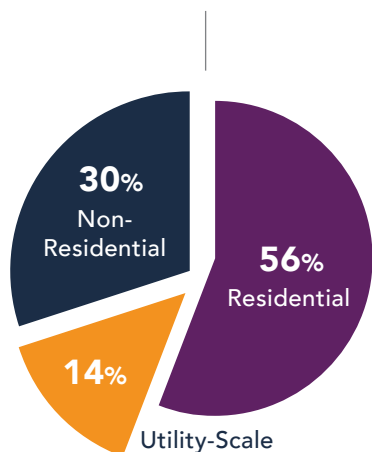
# SOLAR ENERGY PROVIDING AMERICAN JOBS IN ALL 50 STATES

## 242,343

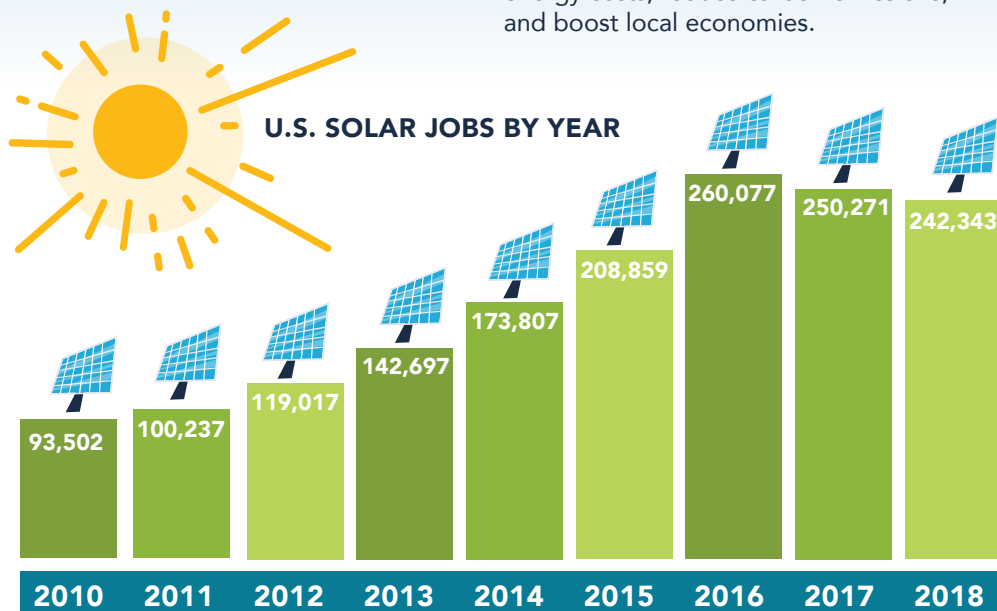
SOLAR WORKERS IN 2018  
JOBS BY SECTOR



### BY MARKET SEGMENT



### U.S. SOLAR JOBS BY YEAR



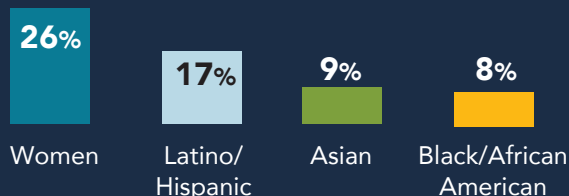
The U.S. has gained almost **150,000** solar jobs since 2010.

Uncertainty over the impact of tariffs and state policies helped put the brakes on job growth in 2018.

Sustained policy support for solar and renewable energy **is vital**.

That's how we create new jobs, lower energy costs, reduce carbon emissions, and boost local economies.

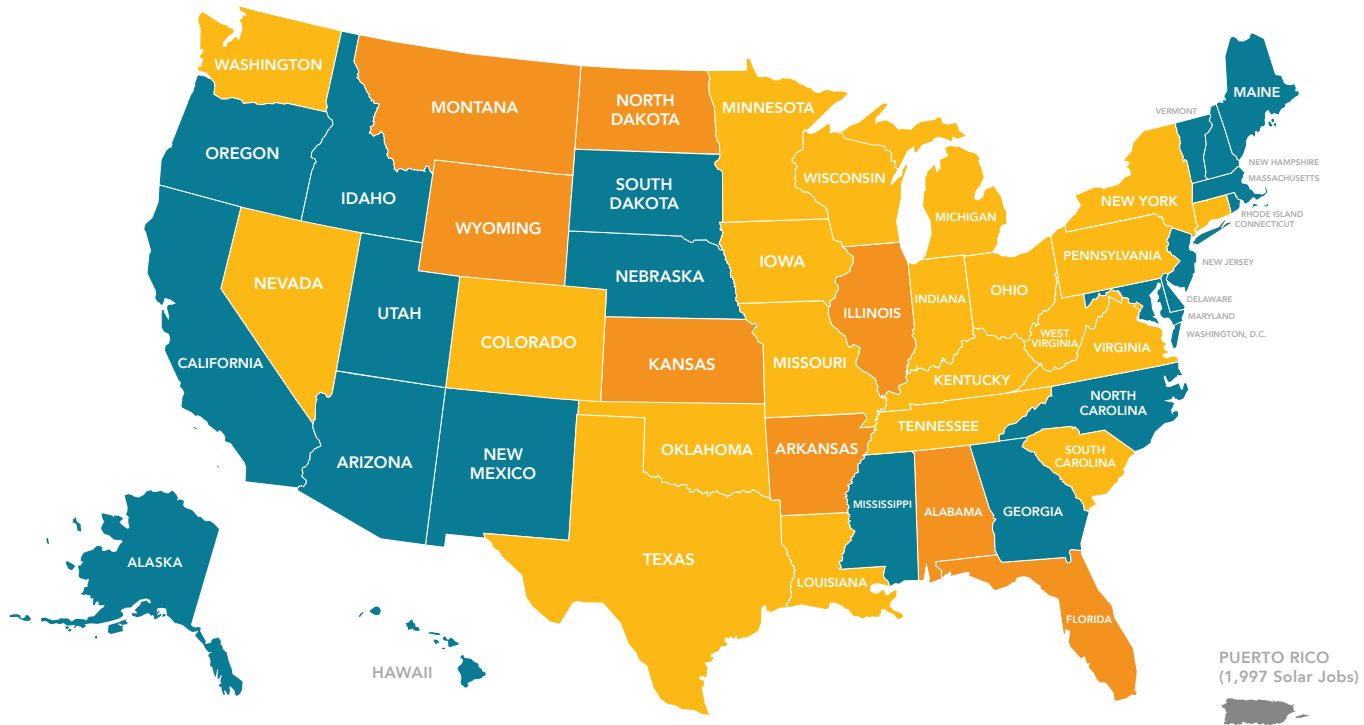
### SOLAR WORKFORCE DEMOGRAPHICS



**Veterans** make up **7.8%** of solar workers, compared to **6.6%** of the overall U.S. workforce.



# SOLAR JOBS BY STATE, 2018



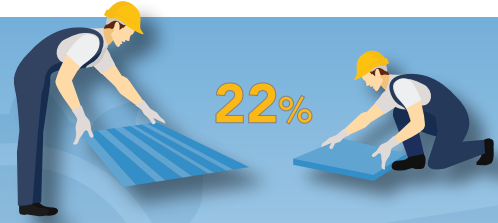
## THE SOLAR JOB MARKET IN 2018

**26%** OF ALL SOLAR EMPLOYERS

&

**33%** OF INSTALLERS & PROJECT DEVELOPERS

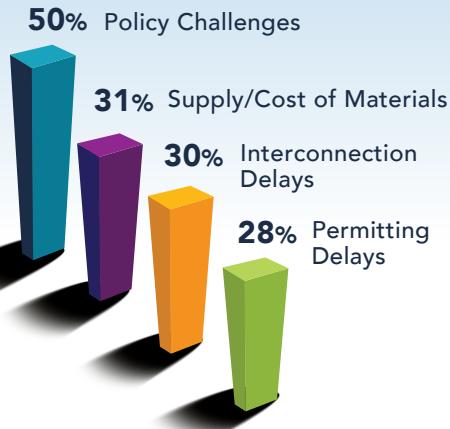
SAID IT WAS "VERY DIFFICULT" TO HIRE QUALIFIED EMPLOYEES.



of installation field staff spend most of their time out-of-state.

### CHALLENGES TO GROWTH

Top challenges companies named as "very significant."



### MOST DIFFICULT POSITIONS TO FILL

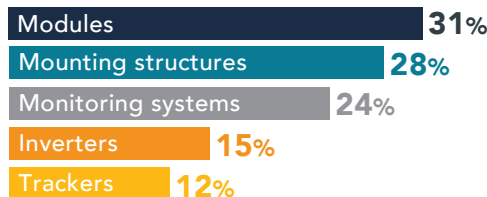
1. Sales, marketing, customer service
2. Management
3. Electrician/construction workers

### MEDIAN WAGES

**Entry-Level Full-Time Installers:**  
**\$24/hour** for electricians  
**\$19/hour** for non-electricians

**Mid-Level Full-Time Installers:**  
**\$32/hour** for electricians  
**\$28/hour** for non-electricians

### PERCENTAGE OF U.S. SOLAR MANUFACTURERS PRODUCING THESE COMPONENTS



Learn More at [SolarJobsCensus.org](http://SolarJobsCensus.org)