

SOLAR ENERGY PROVIDING AMERICAN JOBS IN ALL 50 STATES



249,983

WORKERS SPENT THE MAJORITY OF THEIR TIME ON SOLAR-RELATED WORK IN 2019.

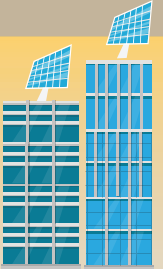
JOBS BY SECTOR



The U.S. has gained

156,000

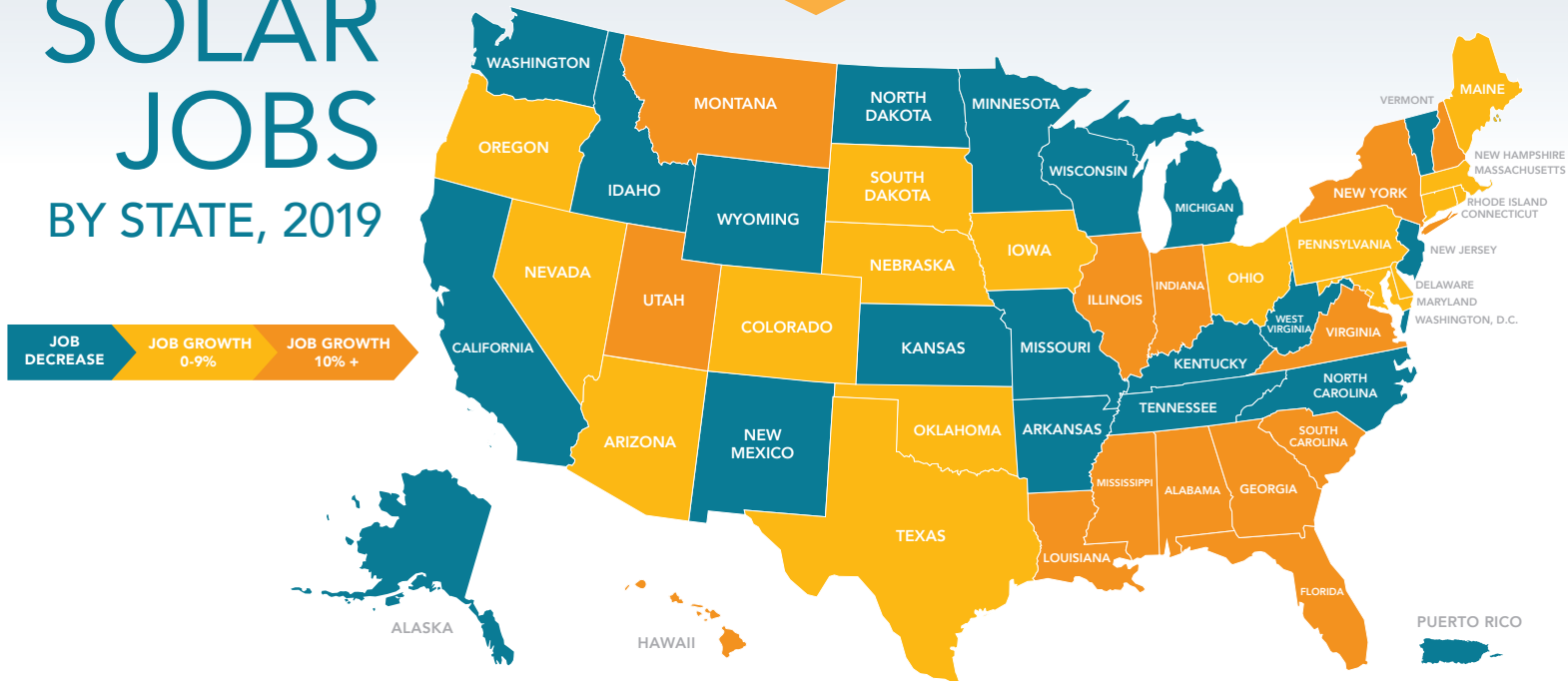
solar jobs since 2010.



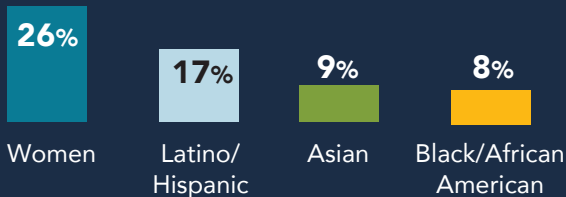
In 2019, **249,983** workers spent the majority of their time in solar and **344,532** workers spent some portion of their time in solar.

About **16,000** jobs at solar installation companies focused on battery storage.

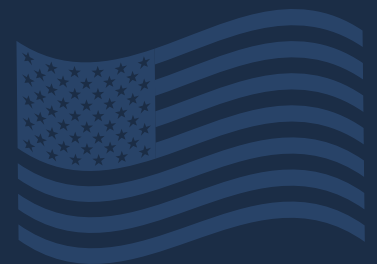
SOLAR JOBS BY STATE, 2019



SOLAR WORKFORCE DEMOGRAPHICS

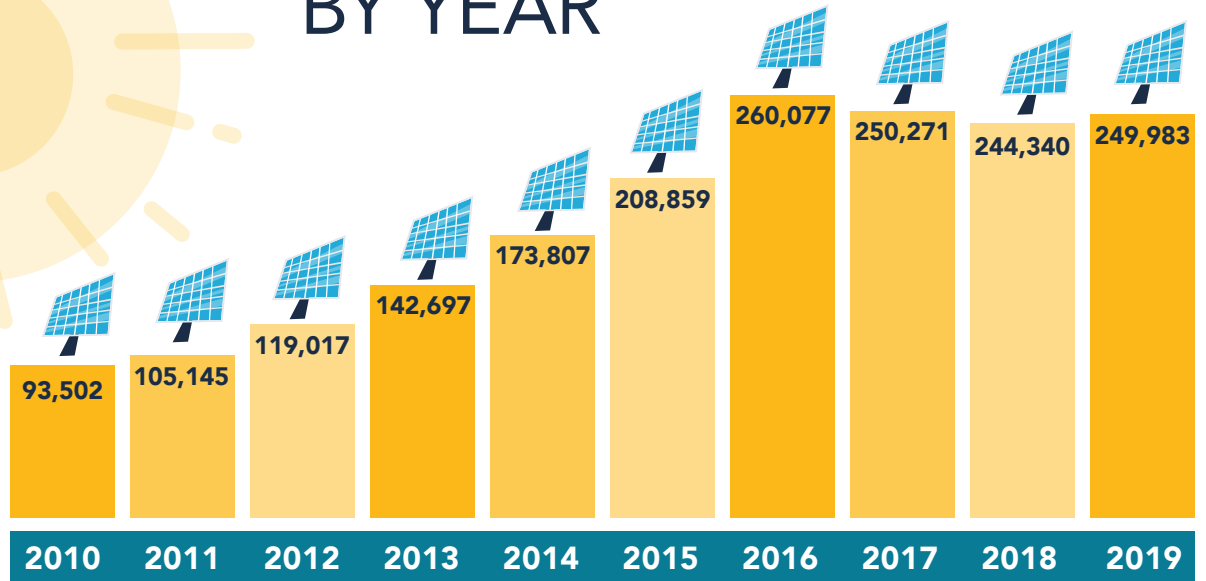
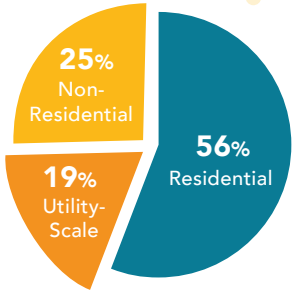


Veterans make up **7.6%** of solar workers, compared to **5.9%** of the overall U.S. workforce.



U.S. SOLAR JOBS BY YEAR

BY MARKET SEGMENT, 2019



2018 and 2019 jobs numbers include Puerto Rico.

THE SOLAR JOB MARKET IN 2019

26%

OF ALL SOLAR EMPLOYERS

&

33%

OF INSTALLERS & PROJECT DEVELOPERS

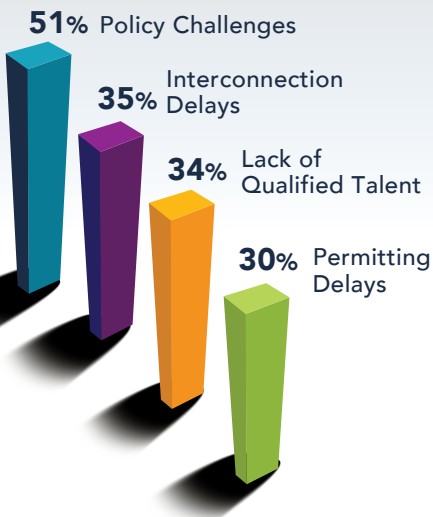
SAID IT WAS "VERY DIFFICULT" TO HIRE QUALIFIED EMPLOYEES.



12% of installation 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

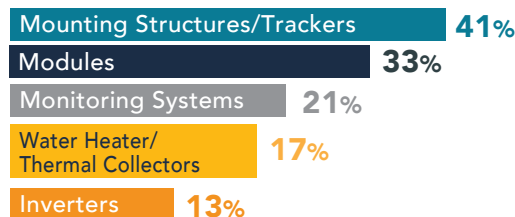


2. Management



3. Electrician/construction workers

PERCENTAGE OF U.S. SOLAR MANUFACTURERS THAT PRODUCE THESE COMPONENTS



MEDIAN WAGES

Entry-Level Full-Time Installers:

\$20/hour for electricians

\$16/hour for non-electricians

Mid-Level Full-Time Installers:

\$28/hour for electricians

\$23/hour for non-electricians

Manufacturing Production Employees:

\$15/hour for entry-level

\$22/hour for mid-level



Learn More at SolarJobsCensus.org