

The State of the Solar Workforce in America

National and State Solar Jobs Census 2014



The Solar Foundation

The Solar Foundation (TSF) is a 501(c)(3) nonprofit whose mission is to increase understanding of solar energy through strategic research that educates the public and transforms markets.

TheSolarFoundation.org



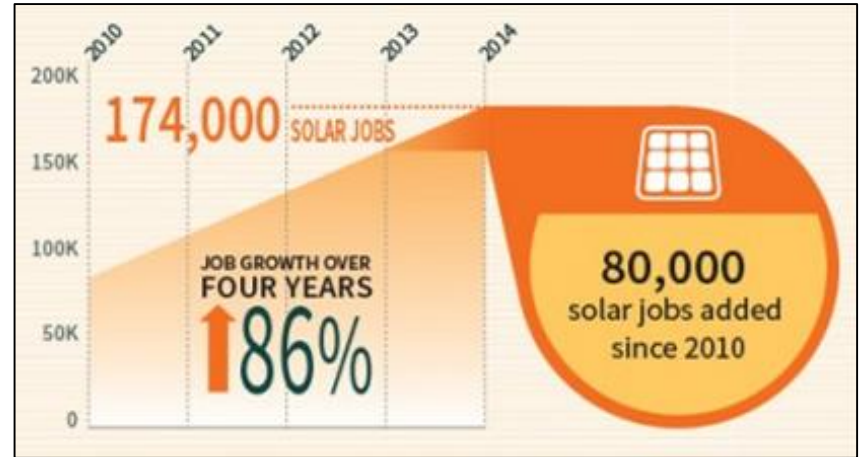
National Solar Jobs Census 2014

Fifth annual update of employment, trends, and projected growth in the U.S. solar industry.

2014 Highlights

- 31,000 new solar jobs since 2013
- Nearly 174,000 solar workers
- 21.8% growth since 2013
- 86% growth since 2010

2015 Expected Growth - 36,000 new jobs (20.9%)



National Solar Jobs Census 2014



2014 Employment by Sector

	Employment	% of Total Employment
Installation	97,031	55.8%
Manufacturing	32,490	18.7%
Sales & Distribution	20,185	11.6%
Project Developers	15,112	8.7%
All Other	8,989	5.2%
Total	173,807	100.0%



The solar installation sector employs more American workers than coal mining.

An Increasingly Diverse Workforce

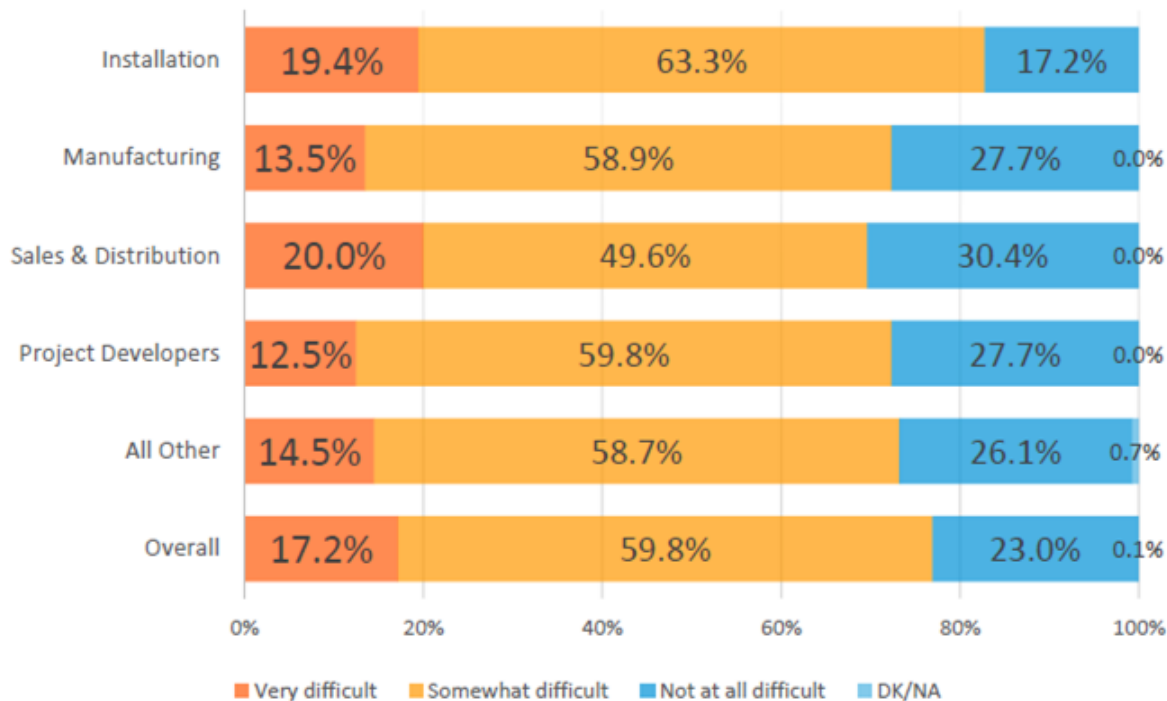
	2013	2014
Women	18.7%	21.6%
Latino or Hispanic	15.6%	16.3%
Veterans of the U.S. Armed Forces	9.2%	9.7%
Asian or Pacific Islanders	6.7%	7.0%
African-American	5.9%	6.0%

New Hires' Experience and Education

Sector	% with Experience	% with Bachelor's or Higher	% with Associate's or credential but not BA
Overall	67.3	21.4	5.9
Installation	68.4	10.9	2.6
Manufacturing	59.9	40.7	17.3
Sales	45.5	43.9	20.4
Developers	85.5	70.3	12.9

Difficulty Hiring

By Sector



State Solar Jobs Census 2014: Top Fives



Arizona Solar Jobs Census
2014



California Solar Jobs Census
2014



Georgia Solar Jobs Census
2014



Maryland Solar Jobs Census
2014



New York Solar Jobs Census
2014



Texas Solar Jobs Census
2014



Solar Jobs

1. California
2. Massachusetts
3. Arizona
4. New York
5. New Jersey

2014 Growth Rate

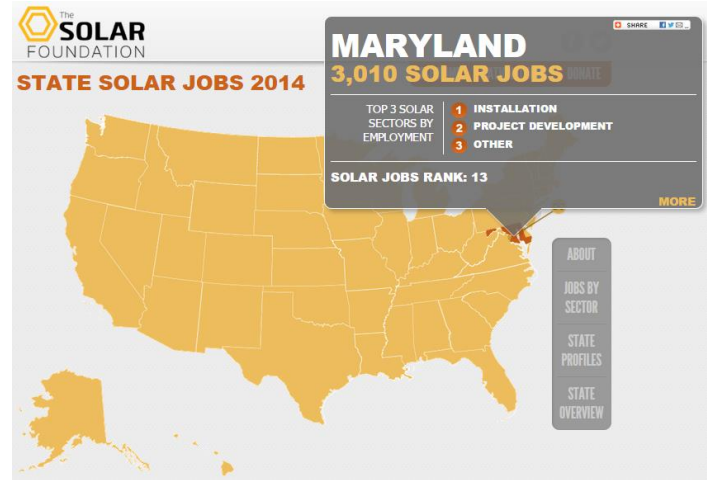
1. Nevada
2. Minnesota
3. Illinois
4. North Carolina
5. Texas

Jobs per Capita

1. Nevada
2. Vermont
3. Hawaii
4. California
5. Massachusetts

State by State Employment

Interactive map of all 50 states with analysis and grading of local regulatory policy available at SolarStates.org



CALIFORNIA 54,700 SOLAR JOBS

TOP 3 SOLAR SECTORS BY EMPLOYMENT

1. INSTALLATION
2. MANUFACTURING
3. SALES & DISTRIBUTION

SOLAR JOBS RANK: 1

MASSACHUSETTS 9,400 SOLAR JOBS

TOP 3 SOLAR SECTORS BY EMPLOYMENT

1. INSTALLATION
2. OTHER
3. MANUFACTURING

SOLAR JOBS RANK: 2

ARIZONA 9,200 SOLAR JOBS

TOP 3 SOLAR SECTORS BY EMPLOYMENT

1. INSTALLATION
2. MANUFACTURING
3. SALES & DISTRIBUTION

SOLAR JOBS RANK: 3



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