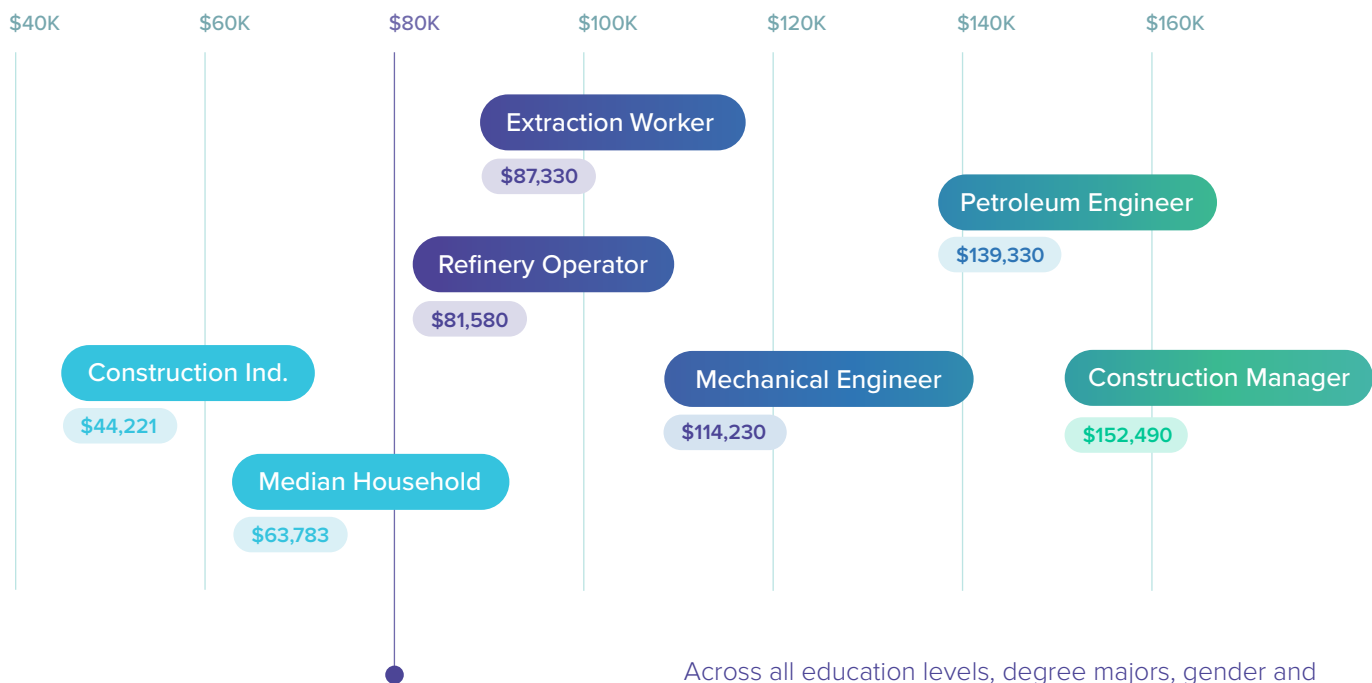


STEM is Sparking Interest in Future Industry Jobs

Average salaries for industry positions range from \$80k–\$150k+³

Science, Technology, Engineering and Mathematics (STEM) education is what connects rewarding oil and gas industry careers to the men and women who fill them. Across the board, the industry is using its work producing energy as the platform to inspire ongoing STEM learning and to spark interest in industry jobs. Not all STEM careers are just for the highly educated – in fact, many oil and gas industry jobs are open to those with a high school diploma or an associate degree, coupled with solid hands-on job training. Even more, there are significant opportunities within the industry for women, African Americans, Hispanic and young workers.¹



Across all education levels, degree majors, gender and race/ethnicity groups, and occupation types, those who work in the oil and natural gas industry earn more than those who do not.²

That's **55% more than the average annual wage** for construction industry workers (\$44,221⁴), and \$16,717 more than the \$63,783 median household income in California.⁵



\$80,500
Oil & Gas Employee
2018 annual average³

1. Opportunities-around-in-the-natural-gas-and-oil-industry — api.org
2. Postsecondary Education and STEM Employment in the United States 2003-2015 STEM One Pager.pdf — api.org
3. LAEDC Economic Impact Report, WSPA Statewide Fact Sheet, 2019
4. U.S. Bureau of Labor Statistics
5. U.S. Census Bureau 2012-2016 American Community Survey

We are an industry with growing opportunity now and into the future.

Here's a look at the numbers:

10.9 million industry supported jobs⁶



 = 1 MILLION JOBS

PROJECTED

1.9m jobs projected oil and gas job opportunities by 2035⁷

BLUE COLLAR

57% of the 1.9 million are expected to be in blue collar occupations.

SET TO RETIRE

40% of worker base

MILLENNIAL

34% direct industry employment

MILLENNIAL PROJECTED

41% rise over the next decade



For more information about STEM opportunities in the oil and gas industry visit www.wspa.org/stem

STEM

36%

STEM bachelor's degrees awarded annually.⁸



25%

The increase in associate degrees awarded in STEM fields in the past decade.

Women trail men in STEM degrees but they're picking up steam.



ALEXIS OYETIBO

"We partner with local high schools to do STEM outreach where they can see people who look like them, who are in the profession having different careers whether that's engineering or medicine."

Process Engineer | PBF Energy
Vice President, League of Black Professionals

6. Powering the Workforce of the Future — api.org

7. Vote for Stem-vote4energy — api.org

8. Postsecondary Education and STEM Employment in the United States 2003-2015
STEM One Pager.pdf — api.org