

The Future Engineering Workforce

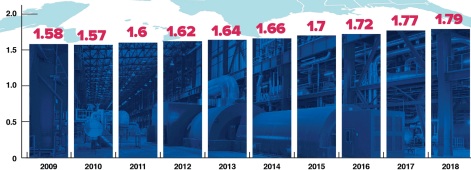
The labor shortage is a major concern for many companies in the engineering world. Deloitte, a top management consulting firm, predicts that by 2025 two million skilled manufacturing jobs will go unfilled.

According to the Bureau of Labor Statistics in 2016, 1.7 million engineers were employed across the country. They predict that the engineering workforce will add nearly 140,000 jobs by 2026. Faced with that reality, what will the future engineering workforce look like and what jobs will they fill?

Here's a forecast look on how the current engineering workforce is shaping up and the potential roles they may fill in the years to come.

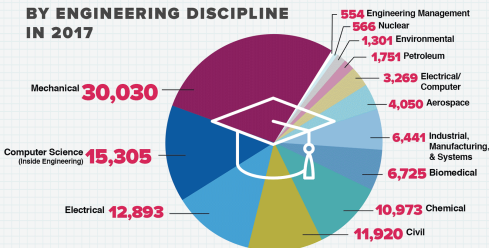
NUMBER OF ENGINEERING, R&D, AND TESTING SERVICES JOBS IN THE UNITED STATES 2009-2018

(in millions)



Source: CompTIA. Published March 2019

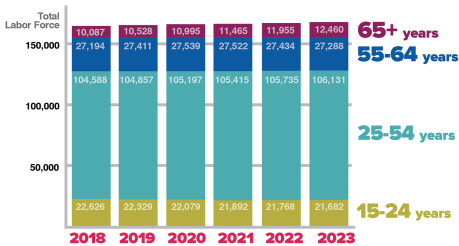
BACHELOR'S DEGREES AWARDED BY ENGINEERING DISCIPLINE IN 2017



Source: ASEE. Published 2018

COUNTRY OUTLOOK: LABOR FORCE BY AGE

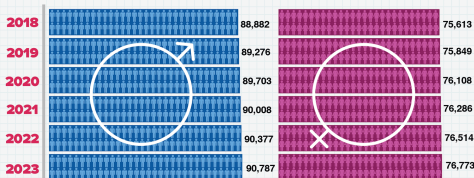
(in thousands. All industries, United States)



Source: ILO. Published May 2019

COUNTRY OUTLOOK: LABOR FORCE BY GENDER

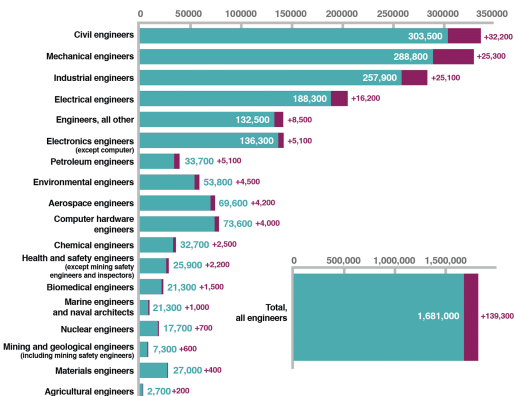
(in thousands. All industries, United States)



Source: ILO. Published May 2019

NEW JOBS FOR ENGINEERS PROJECTED 2016-26

Employment, 2016
New jobs added, projected 2016-26



Source: U.S. Bureau of Labor Statistics, Employment Projections program.