



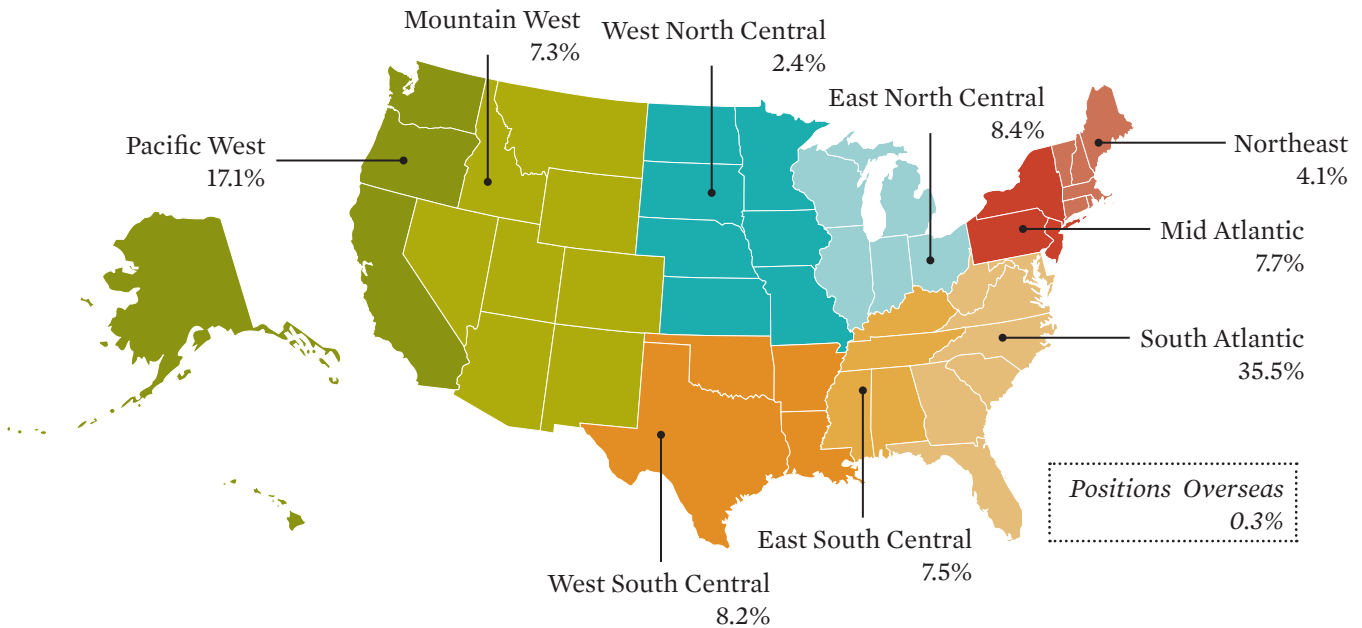
# Engineering

## FEDERAL CAREER GUIDE

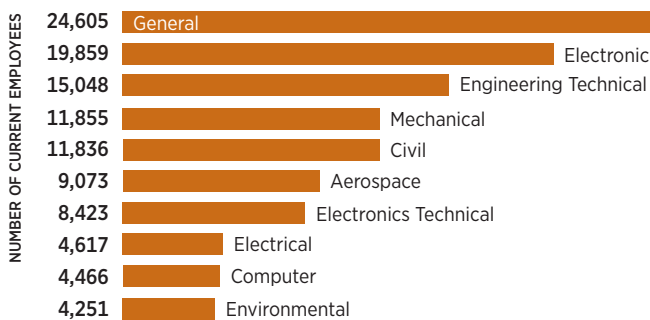
Individuals with strong engineering skills are greatly needed in a many government agencies. The federal government hires civil, mechanical, aerospace, computer and electrical engineers, as well as architects, in a wide variety of positions. For example, aerospace and computer engineers research spaceflight technology at National Aeronautics and Space Administration, architects design embassies overseas at the State Department, and electrical engineers assess the reliability of our nation’s power grid at the Federal Energy Regulatory Commission.

This guide will give you a glimpse of the type of engineering jobs available in the government. For more information about searching and applying for positions in the federal government, visit [gogovernment.org](http://gogovernment.org)

### Percentage of Engineering Positions by Region

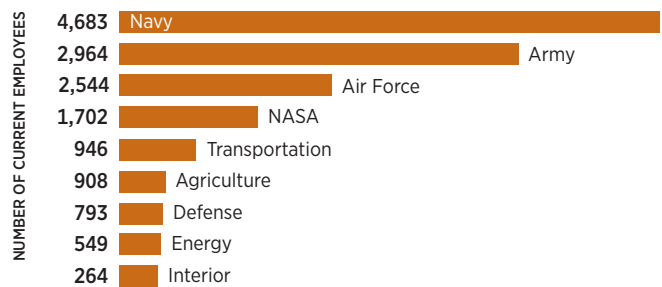


### Top Engineering Fields



SOURCE: [fedscope.opm.gov](http://fedscope.opm.gov)

### Top Agencies with Employees in Engineering



SOURCE: [fedscope.opm.gov](http://fedscope.opm.gov)

# SEARCH FOR ENGINEERING POSITIONS

With so many opportunities to use your engineering skills, it may be helpful to sort positions by **job category**. The most common categories are listed below. You can search [USAJOBS.gov](https://www.usajobs.gov) using these keywords or by using the job series code, a four-digit number corresponding to a government job category.

## Job Categories

- 0801** General Engineering
- 0803** Safety Engineering
- 0806** Materials Engineering
- 0808** Architecture
- 0810** Civil Engineering
- 0819** Environmental Engineering
- 0830** Mechanical Engineering
- 0850** Electrical Engineering
- 0854** Computer Engineering
- 0858** Bioengineering and Biomedical Engineering
- 0861** Aerospace Engineering
- 0893** Chemical Engineering
- 0896** Industrial Engineering

## Search Tips

As the nation's largest employer, the federal government has thousands of positions open at any one time. Here are our top tips for finding the right job announcements for you:

- 1. Do Your Research.**  
Explore a variety of positions and agencies, then focus your search to a few that align best with your interests and skills.
- 2. Visit Agency Websites.**  
Learn more about an agency's mission, structure and current hiring on their website.
- 3. Create an account on USAJOBS.gov**  
Save your job searches, build your resume and search for positions at [USAJOBS.gov](https://www.usajobs.gov)

## Did You Know?

- There are nearly 130,000 federal employees in engineering fields.
- The Department of Defense employs 70 percent of government engineers.
- Entry-level candidates for engineering positions must have at least a bachelor's degree from a school of engineering accredited by the Accreditation Board for Engineering and Technology (ABET).

## Examples of Job Positions

### Job Title: Engineering Technician (0802)

Department: Department of the Navy  
Agency: Naval Air Systems Command  
Salary Range: \$31,315-\$55,844/year  
*Location: China Lake, California*

As an engineering technician, you will:

- Perform propellant and explosives formulations mixing
- Synthesize novel energetic ingredients
- Effectively communicate and interface with customers on a daily basis

### Job Title: Aerospace (Electrical) Engineer (0861)

Department: Department of Transportation  
Agency: Federal Aviation Administration  
Salary Range: \$72,643-\$112,585/year  
*Location: Fort Worth, Texas*

As an aerospace engineer, you will:

- Determine the safety of systems and equipment introduced to a variety of aircraft
- Provide technical advice to applicants and other engineers in the region for the applicability of regulations to specific projects
- Investigate reports of maintenance and service problems on various aircraft models

Visit us online at  
[gogovernment.org/engineering](https://www.gogovernment.org/engineering)

Learn more about finding a government job or internship in engineering and about:

- The Application Process
- Federal Agencies
- Pay and Benefits
- Writing a Federal Resume
- Security Clearances
- Searching for Positions
- USAJOBS.gov
- Internships
- Employee Profiles

