

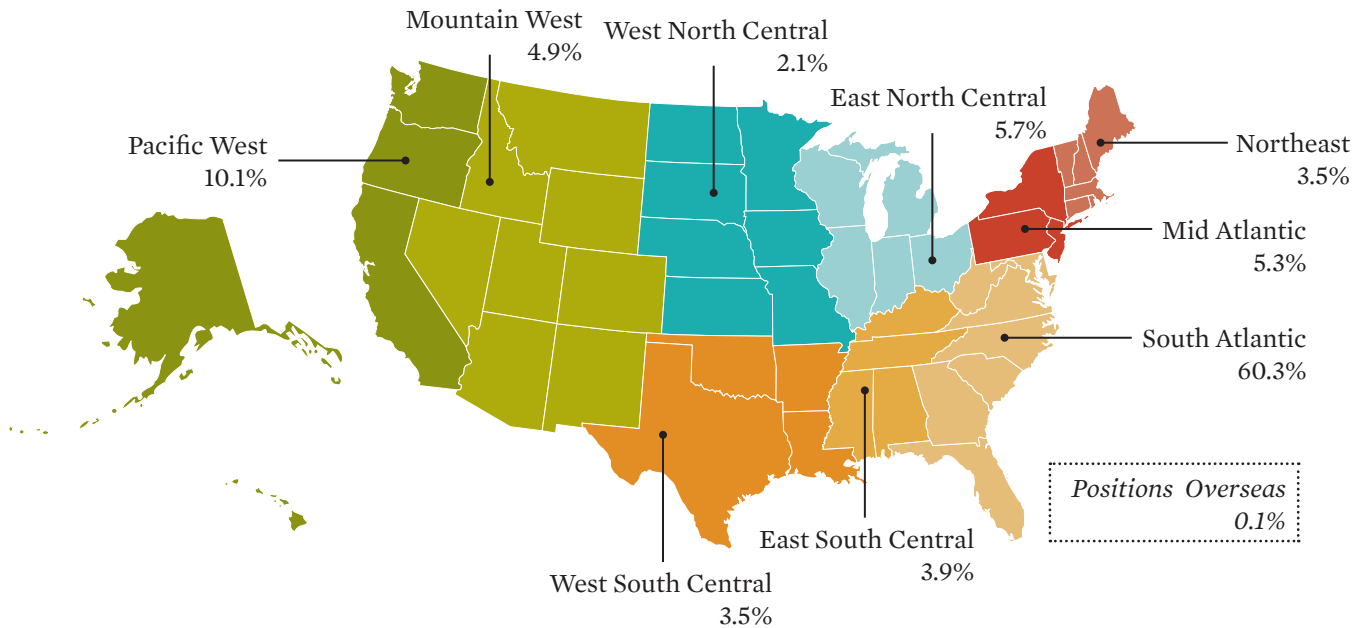


Mathematics FEDERAL CAREER GUIDE

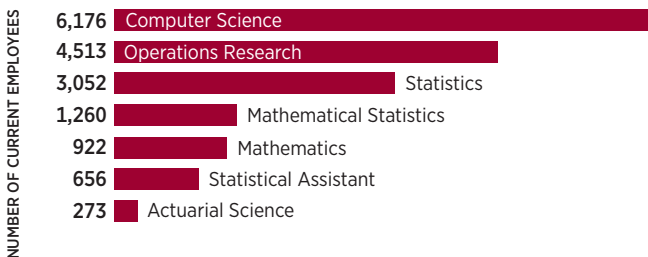
Individuals with strong mathematics skills are greatly needed in many government agencies. The federal government hires statisticians, computer scientists, researchers, actuaries, and mathematicians in a wide variety of positions. For example, air traffic controllers at the Federal Aviation Authority use mathematics to understand distances and measurements to direct airplanes at a moment's notice. Statisticians assess and analyze data at the Department of Education, computer scientists develop complex systems supporting the U.S. Navy and mathematicians calculate warfare logistics in the U.S. Air Force.

This guide will give you a glimpse of the type of mathematics jobs available in the government. For more information about searching and applying for positions in the federal government, visit gogovernment.org

Mathematics Positions by Region

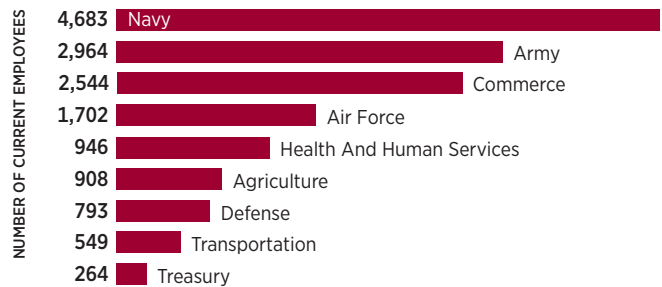


Top Mathematics Fields



SOURCE: fedscope.opm.gov

Top Agencies with Employees in Mathematics



SOURCE: fedscope.opm.gov

SEARCH FOR MATHEMATICS POSITIONS

With so many opportunities to use your mathematics 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

- 1500** Mathematical Sciences
- 1501** General Mathematics and Statistics
- 1510** Actuarial Science
- 1515** Operations Research
- 1520** Mathematics
- 1529** Mathematical Statistics
- 1530** Statistics
- 1531** Statistical Assistant
- 1550** Computer Science Series

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 17,000 federal employees in mathematics fields.
- The government hired 30 percent of all mathematics employees in the last 5 years.
- The Department of Defense employs 81 percent of mathematics personnel.
- Candidates with minimal experience must have at least a bachelor's degree with a major in mathematics or 24 semester hours of mathematics courses.

Examples of Job Positions

Computer Scientist (1550)

Department: U.S. Air Force
Agency: Air Force Materiel Command
Salary Range: \$41,563-\$129,517/year
Location: San Diego, California

As a Computer Scientist, you will:

- Research, analyze and integrate complex computer and network systems
- Ensure systems deliver the required capabilities and comply with security policy
- Provide guidance regarding selection and acquisition of Command, Control, Communication, Computer and Intelligence (C4I) systems

Statistician (1530)

Department: Department of Commerce
Agency: Bureau of the Census
Salary Range: \$62,467-\$97,333/year
Location: Dallas, Texas

As a Statistician, you will:

- Develop and design survey questionnaires
- Assist in data collection operations
- Analyze and evaluate data
- Disseminate study results through written publications and oral presentations

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

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

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

