FAIRFAX COUNTY, VIRGINIA
Technology Businesses

Fairfax County is a technology hub for many nationally and internationally recognized market leaders. Several large technology-focused Federally Funded Research and Development Centers and non-profits are located here, as well.

FAIRFAX COUNTY TECHNOLOGY BUSINESSES: FACTS AND STATS

- **8,900** tech firms
- **160,000+** tech jobs
- **1 in 4** jobs in Fairfax County
- **3rd largest metro in U.S. for tech jobs**
- **85K** job postings (past 12 months)

TECHNOLOGY EMPLOYMENT BY SECTOR

- Information Technology Services: 54%
- Technology Management Services: 24%
- Engineering / R&D Services: 15%
- Telecommunications: 4%
- Other: 3%

INFORMATION TECHNOLOGY SERVICES SUB-SECTOR EMPLOYMENT

- Systems Integration: 56%
- Software and Programming: 33%
- Computer and Data Services: 9%
- Internet / e-Commerce: 2%

TECHNOLOGY INDUSTRY CONTRIBUTION TO FAIRFAX COUNTY GDP

- **$119B** of total GDP comes from tech sector
- **$34B** of total GDP comes from tech sector

TECHNOLOGY EXPERTISE IN FAIRFAX COUNTY INCLUDES:

- Artificial Intelligence
- Cloud Computing
- Cybersecurity
- Data Analytics
- Digital Media
- Machine Learning
- UI/UX
- Virtual Reality

SOURCES: JOBSEQ, BUREAU OF LABOR STATISTICS QCEW

SOURCE: JOBSEQ
DID YOU KNOW?  
THE NOVA REGION IS A TECHNOLOGY LEADER.

LARGEST MARKET FOR DATA CENTER CAPACITY IN THE WORLD  
(SOURCE: NVTC, JLL, CUSHMAN)

HOME TO THE DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA)  
(AND OTHER ADVANCED RESEARCH AGENCIES INCLUDING IARPA AND ARPA-E)

#2 METRO REGION FOR COMPUTER AND MATHEMATICAL TALENT  
(SOURCE: U.S. BUREAU OF LABOR STATISTICS)

GEORGE MASON UNIVERSITY  
LARGEST PUBLIC UNIVERSITY IN VIRGINIA  
(SOURCE: SCHEV)

MITRE  
(WHICH HAS 4 FFRDCS)

— AND —

9 FFRDCS — FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS INCLUDING

HOME TO TURNER FAIRBANK HIGHWAY RESEARCH CENTER

INNOVATIVE TRANSPORTATION AND HIGHWAY RESEARCH AND TECHNOLOGY DEVELOPMENT PROGRAMS

INNOVATION: CREATING NEW TECHNOLOGIES IN NOVA

36K PATENT ASSIGNMENTS IN 2021

TOP ASSIGNEES:
Capital One*
U.S. Army
Northrop Grumman*
Alarm.com*
Ofinno*

* HEADQUARTERED IN FAIRFAX COUNTY

TOP PATENTING AREAS:
• Communications
• Computer Hardware and Software
• Electronic Business Methods and Software

WORK IN NORTHERN VIRGINIA!

VIRGINIA TECH INNOVATION CAMPUS  
OPENING 2024, VIRGINIA TECH'S INNOVATION CAMPUS WILL OFFER PROJECT AND RESEARCH-BASED LEARNING IN COMPUTER ENGINEERING, COMPUTER SCIENCE, AND EMERGING TECHNOLOGIES.