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

8,800 TECH FIRMS
150,000+ TECH JOBS
1 IN 4 JOBS IN FAIRFAX COUNTY

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%

FAIRFAX COUNTY TECHNOLOGY INDUSTRY CONTRIBUTION TO FAIRFAX COUNTY GDP

$119B GDP
$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
DID YOU KNOW?
THE NOVA REGION IS A TECHNOLOGY LEADER.

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

LARGEST PUBLIC UNIVERSITY IN VIRGINIA
(SOURCE: SCHEV)

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)

INNOVATION: CREATING NEW TECHNOLOGIES IN NOVA

9 FFRDCS — FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS INCLUDING

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

SOURCES: ST. LOUIS FEDERAL RESERVE BANK – FRED, USPTO PATENTS VIEW

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.

WORK IN NORTHERN VIRGINIA!

FAIRFAX COUNTY ECONOMIC DEVELOPMENT AUTHORITY
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