

# FAIRFAX COUNTY, VIRGINIA

## Industry Profile: Defense and Aerospace

The U.S. is a leader in technological innovation and is the largest defense-spending nation in the world. Proximity to the Pentagon, military installations and major defense and aerospace primes and suppliers creates unique opportunities for businesses to develop partnerships, share ideas and win contracts. Fairfax County's aerospace and defense industry includes firms engaged in activities related to defense/ national security, commercial and civil aviation and space systems.

### U.S. DEFENSE AND AEROSPACE INDUSTRY BY THE NUMBERS

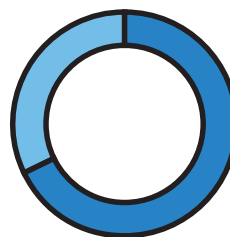
# #1



**DEFENSE SPENDING  
NATION IN THE WORLD**

(SOURCE: 2020 DOD INDUSTRIAL CAPABILITIES REPORT)

**IMPORTS  
\$49B**



**EXPORTS  
\$100B**

**TOP IMPORT COUNTRIES: FRANCE,  
CANADA, UK, GERMANY AND JAPAN**

(SOURCE: US ITA, TRADE.GOV)

# \$892B

**U.S. DEFENSE AND AEROSPACE  
INDUSTRY REVENUE**

(SOURCE: AIA, 2022)

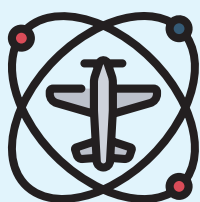


# \$414B+

**DEPARTMENT OF DEFENSE  
CONTRACT AWARDS (FY22)  
(UNCLASSIFIED OBLIGATIONS)**

(SOURCE: USASPENDING.GOV)

### DEFENSE AND AEROSPACE IN FAIRFAX COUNTY



# \$16.2B

**FY22 DEPARTMENT  
OF DEFENSE  
FEDERAL CONTRACT  
AWARDS**

**TOP 3:  
ARMY • AIR FORCE • NAVY**

(SOURCE: USASPENDING.GOV)



# TOP 5

**DEPARTMENT  
OF DEFENSE  
CONTRACTORS  
ALL HAVE  
OPERATIONS IN  
FAIRFAX COUNTY**

(SOURCE: DOD/CRS)



# \$48M+

**SMALL BUSINESS  
AWARDS IN  
AEROSPACE  
AND DEFENSE  
INNOVATION (2021)  
AIR FORCE • NAVY • NASA**

(SOURCE: SBIR.GOV)



# \$3.3B

**FY22 FEDERAL  
R&D CONTRACTS -  
DEFENSE AND  
AEROSPACE  
(UNCLASSIFIED)**

(SOURCE: USASPENDING.GOV)

### INDUSTRY FOCUS AREAS

- AIR SYSTEMS SUPPORT
- UNMANNED SYSTEMS (UXS)
- SENSORS
- COMMUNICATIONS/FNC3
- HEADQUARTERS OPERATIONS
- SOFTWARE ENGINEERING
- CYBERSECURITY
- RADAR AND ELECTRONIC WARFARE
- SPACE (SATELLITES/GROUND SYSTEMS)

# DEFENSE AND AEROSPACE-RELATED WORKFORCE

Northern Virginia (NOVA) has the depth, breadth, and concentration of diverse talent that companies require, fed by a pipeline of top talent.

**184,000+**  
**D&A-RELATED**  
**WORKFORCE -**  
**WASHINGTON,**  
**D.C., MSA**



**#4**  
**TECH TALENT**  
**(WASHINGTON,**  
**D.C., REGION)**  
(CBRE, 2022)



**18K+**  
**COMPUTER**  
**SCIENCE, MATH**  
**AND ENGINEERING**  
**DEGREES ANNUALLY**  
(JOBSEQ)



**#1**  
**MOST WORKING-**  
**AGE VETERANS**  
**(WASHINGTON,**  
**D.C., MSA)**

★★★ **CLEARED TALENT AT ALL LEVELS** ★★★

## DEFENSE- AND AEROSPACE-RELATED OCCUPATIONS, WASHINGTON, D.C., REGION

Occupation	Number of Workers
<b>Computer Science</b>	
Software Developers	63,360
Computer Systems Analysts	19,940
Computer and Information Systems Manager	17,620
Information Security Analyst	15,690
Network and Computer Systems Administrator	13,470
Software Quality Assurance Analysts and Testers	11,600
Computer Network Architects	9,330
Computer and Information Research Scientists	2,250
<b>Engineering and Technical</b>	
Mechanical Engineers	5,330
Computer Hardware Engineers	4,230
Electrical Engineers	4,220
Electronic Engineers	3,750
Electrical and Electronics Engineering Technicians	2,620
Aerospace Engineers	2,770
Engineers, All Other	8,040

SOURCE: BLS/OCCUPATIONAL EMPLOYMENT STATISTICS

**KEY OCCUPATION SPECIALIZATIONS:** Cybersecurity, Engineering, Information Technology, Space Systems, Management, Sales, Contract Administration

## VIRGINIA DEFENSE AND AEROSPACE ASSETS

- **MID-ATLANTIC SPACEPORT, WALLOPS ISLAND, VA** — One of four sites nationally licensed by the FAA to perform orbital launches ([vaspace.org](http://vaspace.org))
- **VIRGINIA UNMANNED SYSTEMS CENTER AT VIRGINIA INNOVATION PARTNERSHIP CORPORATION (VIPIC)** — Source for information/funding opportunities for UxS in Virginia ([virginiaipc.org/unmanned](http://virginiaipc.org/unmanned))
- **VIRGINIA SPACE GRANT CONSORTIUM (VSGC)** — Coalition of five Virginia colleges and universities, NASA, the Virginia Innovation Partnership Corporation and other institutions involved in aerospace education and R&D ([vsgc.odu.edu/about](http://vsgc.odu.edu/about))
- **VIRGINIA INNOVATION PARTNERSHIP CORPORATION** — Makes investments in Virginia high-tech companies in various industries, including aerospace and defense ([virginiaipc.org/vvp](http://virginiaipc.org/vvp))

## DEFENSE AND AEROSPACE COMPANIES IN FAIRFAX COUNTY

Companies in **bold** are headquartered in Fairfax County

### DOMESTIC FIRMS

The Aerospace Corporation  
**Aireon**  
**Blue Origin**  
**Booz Allen Hamilton**  
**CACI International**  
Chenega  
**Constellation West**  
**Favor Tech Consulting**  
**General Dynamics**  
Epirus  
**International Launch Services**  
Iridium  
**KIHOMAC**

L3Harris  
**Leidos**  
Lockheed Martin  
**MAG Aerospace**  
**ManTech International**  
**The MITRE Corporation**  
**Northrop Grumman**  
**Peraton**  
Raytheon  
**SAIC**  
**Scout**  
**Trusted Space**

### INTERNATIONAL FIRMS

**Airbus Americas**  
**BAE Systems**  
Elbit Systems of America  
**Explora Security A&E**  
GetSAT  
**IAI North America**  
Inmarsat  
**Intelsat**  
Korea Aerospace Industries  
NovelSat  
**OneWeb**

Rheinmetall  
**Rolls Royce North America**  
**ServiceTec International**  
**SES Government Solutions**  
**SpaceLink**

SCAN THE  
QR CODE TO  
LEARN MORE  
ABOUT AIR  
AND SPACE  
INNOVATION  
IN OUR REGION



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**FAIRFAX COUNTY**  
ECONOMIC DEVELOPMENT AUTHORITY

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