

# 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

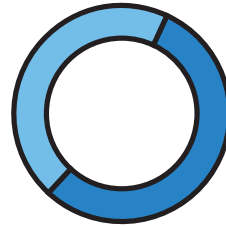
# #1



**DEFENSE SPENDING  
NATION IN THE WORLD**

(SOURCE: 2020 DOD INDUSTRIAL CAPABILITIES REPORT)

**IMPORTS  
\$63B+**



**EXPORTS  
\$139B+**

**TOP FOREIGN DIRECT INVESTMENT IN  
U.S. AEROSPACE: UNITED KINGDOM,  
FRANCE, CANADA, GERMANY, JAPAN**

(SOURCE: US ITA, TRADE.GOV)

# \$952B

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

(SOURCE: AIA, 2023)

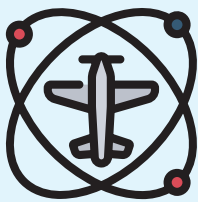


# \$466B

**DEPARTMENT OF DEFENSE  
CONTRACT OBLIGATIONS (FY23)**

(SOURCE: USASPENDING.GOV)

### DEFENSE AND AEROSPACE IN FAIRFAX COUNTY



# \$17.3B

**FY23 DEPARTMENT  
OF DEFENSE  
FEDERAL CONTRACT  
AWARDS**

**TOP 3:  
ARMY • AIR FORCE • NAVY**

(SOURCE: USASPENDING.GOV)



# 4 OF TOP 5

**DEFENSE  
CONTRACTORS  
HAVE OPERATIONS  
IN FAIRFAX  
COUNTY**

(SOURCE: DOD/CRS)



# \$71M+

**SMALL BUSINESS  
AWARDS IN  
AEROSPACE  
AND DEFENSE  
INNOVATION (2023)**

**AIR FORCE • NAVY • NASA**

(SOURCE: SBIR.GOV)



# \$3.9B

**FY23 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/SYSTEMS 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.

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



**#3**  
U.S. METRO FOR  
COMPUTER AND  
ENGINEERING  
EMPLOYMENT  
(JOBSEQ)



**20K+**  
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	72,010
Computer Systems Analysts	17,830
Computer and Information Systems Managers	18,760
Information Security Analysts	16,630
Network and Computer Systems Administrator	12,040
Software Quality Assurance Analysts and Testers	8,100
Computer Network Architects	10,180
Computer and Information Research Scientists	2,240
<b>Engineering and Technical</b>	
Mechanical Engineers	4,290
Computer Hardware Engineers	2,970
Electrical Engineers	3,850
Electronics Engineers	3,030
Electrical and Electronics Engineering Technicians	1,950
Aerospace Engineers	2,680
Engineers, All Other	8,190

SOURCE: BLS/OCCUPATIONAL EMPLOYMENT SURVEY, MAY 2023

**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  
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  
Trident Systems  
Trusted Space  
V2X

### 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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