

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

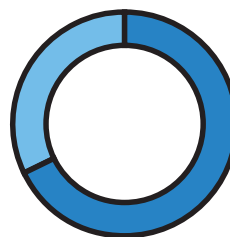
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**DEFENSE SPENDING
NATION IN THE WORLD**

(SOURCE: 2020 DOD INDUSTRIAL CAPABILITIES REPORT)

**IMPORTS
\$66B**



**EXPORTS
\$139B**

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

(SOURCE: U.S. CENSUS BUREAU, 2019)

\$909B

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

(SOURCE: AIA, 2020)

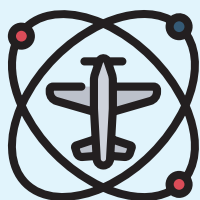


\$399B

**U.S. DEFENSE AND AEROSPACE
SUPPLY CHAIN REVENUE
(AEROSPACE AND DEFENSE SECTORS)**

(SOURCE: AIA, 2020)

DEFENSE AND AEROSPACE IN FAIRFAX COUNTY



\$15.3B

**FY20 DEPARTMENT
OF DEFENSE
FEDERAL CONTRACT
AWARDS**

**TOP 3:
ARMY • AIR FORCE • NAVY**



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**FORTUNE 500
DEFENSE AND
AEROSPACE
FIRMS HAVE
OPERATIONS IN
FAIRFAX COUNTY**



\$55M+

**SMALL BUSINESS
AWARDS IN
AEROSPACE
AND DEFENSE
INNOVATION (2020)**
AIR FORCE • NAVY • NASA

(SOURCE: SBIR.GOV)



\$2.7B

**FY20 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.

199,000+
D&A-RELATED
WORKFORCE -
WASHINGTON,
D.C., MSA



#2
TECH TALENT
(WASHINGTON,
D.C., REGION)
(CBRE, 2020)



17K+
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
Computer Science	
Software Developers and Software Quality Assurance	75,910
Computer Systems Analysts	22,930
Network and Computer Systems Administrator	18,890
Computer and Information Systems Manager	19,130
Information Security Analyst*	15,750
Computer Network Architects	9,270
Computer and Information Research Scientists*	3,470
Engineering & Technical	
Mechanical Engineers	5,150
Electrical Engineers	5,120
Electronic Engineers	3,970
Electrical and Electronics Engineering Technicians	3,300
Aerospace Engineers	2,310

*Most workers in any United States metro region

Source: 2020 Occupational Employment Statistics, U.S. Census Bureau

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)
- **CIT - VIRGINIA UNMANNED SYSTEMS CENTER** — Source for information/funding opportunities for UxS in Virginia (cit.org/unmanned-systems.html)
- **ZERO GRAVITY, ZERO TAX** — State tax incentive for companies to locate and headquarter space flight launch and training business operations in Virginia
- **UNMANNED VEHICLES INCENTIVES AND TAX CREDITS** — Contact the Fairfax County Economic Development Authority for more information.

DEFENSE AND AEROSPACE COMPANIES IN FAIRFAX COUNTY

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

DOMESTIC FIRMS

The Aerospace Corporation
Artis
BAE Systems
Bechtel
Booz Allen Hamilton
CACI International
Chenega
Constellation West
DXC Technology
Favor Tech Consulting
General Dynamics
Epirus
International Launch Services
Iridium

KIHOMAC
L3Harris
Leidos
Lockheed Martin
MAC Aerospace
ManTech International
The MITRE Corporation
Northrop Grumman
Peraton
Raytheon
SAIC
Trusted Space
VSE Corporation

INTERNATIONAL FIRMS

Airbus Americas
Elbit Systems of America
Explora Security A&E
IAI North America
Inmarsat
Intelsat
Korea Aerospace Industries
OneWeb
Rheinmetall
Rolls Royce North America
Service Power
ServiceTec International
SES Government Solutions
SpaceLink

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



July 2021



FAIRFAX COUNTY
ECONOMIC DEVELOPMENT AUTHORITY