

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.

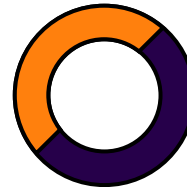
U.S. DEFENSE AND AEROSPACE INDUSTRY BY THE NUMBERS

#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

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

(SOURCE: AIA, 2023)

DEFENSE AND AEROSPACE IN FAIRFAX COUNTY

\$17.3B

**FY23 DEPARTMENT OF
DEFENSE FEDERAL
CONTRACT AWARDS**

TOP 3:

ARMY • AIRFORCE • 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)**

ARMY • AIRFORCE • NASA

(SOURCE: SBIR.GOV)

\$3.9B

**FY23 FEDERAL R&D
CONTRACTS - DEFENSE
AND AEROSPACE
(UNCLASSIFIED)**

(SOURCE: USASPENDING.GOV)

INDUSTRY FOCUS AREAS

- AIR SYSTEMS SUPPORT
- COMMUNICATIONS/FNC3
- CYBERSECURITY
- UNMANNED SYSTEMS (UXS)
- HEADQUARTERS OPERATIONS
- RADAR AND ELECTRONIC WARFARE
- SENSORS
- SOFTWARE/SYSTEMS ENGINEERING
- 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
Computer Science	
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
Engineering and Technical	
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

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)
- **VIRGINIA UNMANNED SYSTEMS CENTER AT VIRGINIA INNOVATION PARTNERSHIP CORPORATION (VIPIC)** – Source for information/ funding opportunities for UxS in Virginia (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)
- **VIRGINIA INNOVATION PARTNERSHIP CORPORATION** – Makes investments in Virginia high-tech companies in various industries, including aerospace and defense (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 →



April 2024

