

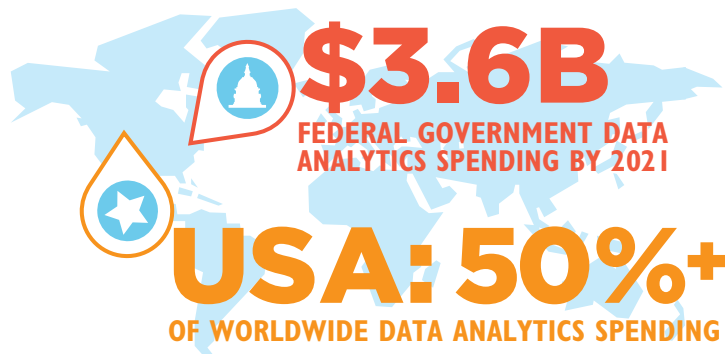
FAIRFAX COUNTY, VIRGINIA

Industry Profile: Data Analytics

Data analytics technologies enable public- and private-sector enterprises to store and quickly extract value from large and complex data sets via data capture, discovery, analysis and visualization. Many leading data analytics companies are headquartered or have major operations in Fairfax County.

FAIRFAX COUNTY: THE SETTING FOR YOUR DATA ANALYTICS SUCCESS STORY

\$274B WORLDWIDE MARKET FOR DATA ANALYTICS IN 2022



Sources: IDC, Deltek



MARKET ACCESS

Large public- and private-sector clients, IT vendors, systems integrators and consulting firms



EXCEPTIONAL DIGITAL INFRASTRUCTURE

70 percent of world Internet traffic passes through Northern Virginia Internet exchange points and data centers



GLOBAL CONNECTIONS

Superb transportation infrastructure and international airports



SMART, TALENTED WORKFORCE

62 percent of Fairfax County residents have attained a bachelor's degree or higher



INNOVATION ECOSYSTEM

8,700 technology firms, research universities, VC firms, business accelerators and specialty training programs

WORKFORCE

SELECTED HIGH-DEMAND OCCUPATIONS IN THE WASHINGTON, D.C., REGION

Occupation	Number of Workers
Computer Occupations	
Computer and Information Research Scientists	3,590*
Computer and Information Systems Managers	19,080
Computer Occupations, All Other	35,790*
Computer Systems Analysts	27,210
Computer User Support Specialists	18,970
Network and Computer Systems Administrators	19,890
Software Developers and Software Quality Assurance Analysts and Testers	70,780
Web Developers and Digital Interface Designers	5,760
Analytical Occupations	
Market Research Analysts and Marketing Specialists	23,030
Operations Research Analysts	8,380*
Statisticians	4,650*

*Most workers in any U.S. metro region

Source: Occupational Employment Statistics, U.S. Census Bureau, May 2019

THE WASHINGTON, D.C., REGIONAL COMPUTER AND MATHEMATICAL WORKFORCE IS THE SECOND LARGEST IN THE UNITED STATES AMONG ALL METROPOLITAN AREAS.

October 2020



FAIRFAX COUNTY
ECONOMIC DEVELOPMENT AUTHORITY



HIGHER EDUCATION

- Washington-area institutions annually award **MORE THAN 12,000 DEGREES** in data analytics-related fields.
- George Mason University supports cutting-edge research in emerging data fields and offers innovative programs that prepare students for jobs in those fields.
- Northern Virginia Community College is the second-largest producer of graduates with associate degrees in computer and information sciences in the U.S.
- Other regional universities with data analytics programs and research institutes include George Washington University, Georgetown University, University of Virginia and Virginia Tech.

“Fairfax is adjacent to many of our federal government customers and is experiencing tremendous growth in the fields of cyber security and cloud computing. We have access to our industry partners that are delivering innovations, access to talent through leading universities, and a high quality of life that allows us to attract and retain our workforce.”



— Paul Wilkinson, Executive Vice President, Corporate Strategy and BD, 1901 Group

DATA ANALYTICS CLUSTER IN FAIRFAX COUNTY

DEMAND SIDE

 FEDERAL AGENCIES (DEFENSE, CIVILIAN, INTELLIGENCE)	 FORTUNE 500 FORTUNE 500 COMPANIES	 CORPORATE HEADQUARTERS	 SYSTEMS INTEGRATORS, IT SOLUTION PROVIDERS	 FINANCIAL SERVICES COMPANIES	 RETAIL/CONSUMER MARKETING	 HEALTH CARE/ HEALTH IT
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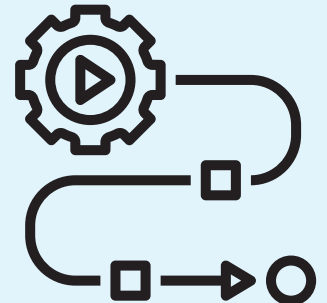
SUPPLY SIDE: SELECTED COMPANIES

SOFTWARE AND SERVICES (APPLICATIONS/ANALYTIC TOOLS, INSIGHT AND VALUE)

1901 Group	MicroStrategy
Altamira	MITRE
BMC	Noblis
Booz Allen Hamilton	Northrop Grumman
CA Technologies	Novetta
CACI	NTELX
CGI	Numero Data
Clarabridge	Optensity
Deloitte	Oracle
DXC Technology	SAIC
IBM	Salesforce
JDSAT	SAP
LogiAnalytics	SoftwareAG
MarkLogic	Splunk
Microsoft	Syntasa

INFRASTRUCTURE/HARDWARE (STORAGE, SERVERS AND NETWORKS)

Amazon Web Services
AT&T
Broadcom
CenturyLink
Cisco
Cloudera
DXC Technology
IBM
Juniper
NetApp
Oracle
VMware



Companies that appear in **bold** are headquartered in Fairfax County.

PARTNERS

