

FAIRFAX COUNTY, VIRGINIA

Industry Profile: Life Sciences, Technologies and Wellness

At the intersection of medicine and data analytics, many Fairfax County companies support the U.S. health system with expertise in life sciences and one of the strongest information technology clusters in the world.

AN EMERGING LOCATION FOR LIFE SCIENCES, HEALTH TECHNOLOGIES AND WELLNESS COMPANIES



\$3.6T
U.S. HEALTH CARE SPENDING

6M+
CONSUMERS IN WASHINGTON, D.C. MSA

FAIRFAX COUNTY

- 1.1M CONSUMERS
- 4,400+ DOCTORS
- 60+ HEALTH-RELATED ASSOCIATIONS
- 304 HOSPITALS WITHIN 200-MILE RADIUS

Sources: Center for Medicare and Medicaid Services, U.S. Bureau of Labor Statistics, U.S. Census Bureau, Virginia Board of Medicine

WORKFORCE TALENT

A talented workforce skilled in health care services, information technology, telecommunications, analytics, genetics/DNA forensics is available to support the Life Sciences, Technologies and Wellness Industry.

Occupations	Number of Workers
Computer and Mathematical Occupations	242,090
Healthcare Practitioners and Technical Occupations	150,380
Life, Physical and Social Science Occupations	63,660

Source: 2019 Occupational Employment Statistics, U.S. Bureau of Labor Statistics

TOP REGIONAL HIGHER EDUCATION SUPPLIERS OF TALENT

- University of Maryland Global Campus
- University of Maryland – College Park*
- George Washington University*
- George Mason University*
- American Public University
- Georgetown University*
- Northern Virginia Community College
- Howard University*
- American University*
- Montgomery College

*NIH Funding 2019

Sources: NIH and EMSII/IPEDS



45+

LOCAL COLLEGES AND UNIVERSITIES OFFERING DEGREE PROGRAMS

32K+

DEGREES AWARDED

- CERTIFICATE/2-YEAR: 4,906 (16%)
- BACHELORS: 16,790 (53%)
- POST GRADUATE: 9,839 (31%)

Source: IPEDS, JobsEQ 2018-2019 Academic Year



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RECENT ANNOUNCEMENTS 2019/2020



INOVA
Schar Cancer Institute
Cancer Care
Falls Church • 2019 Expansion



VIGNET
Personalized Medicine/Wearables
Fairfax • 2019/2020 Expansion



altruista
HEALTH
Health Care Management -
IT Platform
Reston • 2020 Expansion



BODE
TECHNOLOGY
DNA Forensics
Lorton • 2020 Expansion



GRANULES
CONSUMER HEALTH
Pharmaceutical R&D/Manufacturing
Chantilly • 2020 Expansion



innovation
HEALTH
Aetna | Inova PARTNERSHIP
Health Insurance
Falls Church • 2020 Expansion



life fuels
Nutrition/Health Tech
Reston • 2020 Expansion

LIFE, HEALTH TECHNOLOGY AND WELLNESS COMPANIES IN FAIRFAX COUNTY (SELECTED LIST)



LIFE SCIENCES

Bode Technology
Care ID
CEL-SCI
Granules

Inova Translational Medicine Institute
Krasnow Institute
Parabon NanoLabs*
Perthera



INFORMATION TECHNOLOGY (DATA ANALYTICS, MEDICAL RECORDS, TECH INTEGRATION)

Altruista Health
Amwell (formerly Aviza)
Booz Allen Hamilton*
CGI
Cognosante
eKare
General Dynamics
ICF
Jeeva Informatics Solutions
Leidos*
Maximus

MetiStream
Noblis
Northrop Grumman*
Perspecta
Re: Cognition Health
Orient Data Sciences*
SOC Telemed
The MITRE Corporation
Vibrent Health*
Xyken*



HEALTHCARE AND WELLNESS

Fort Belvoir Community Hospital
Genetics & IVF Institute
HCA Virginia
Inova Health System

Inova Schar Cancer Institute
Kaiser Permanente
Life Fuels
Virginia Spine Institute

*Names in **bold** indicate headquarters in Fairfax County
NIH Funding

October 2020



FAIRFAX COUNTY AND THE D.C. REGION

Major Life Sciences Assets



EDUCATIONAL INSTITUTIONS

- 1 George Mason University – Fairfax Campus
- 2 George Mason University – Prince William Campus
- 3 George Washington University – Science and Technology Campus
- 4 George Washington University School of Medicine & Health Sciences
- 5 Georgetown University School of Medicine
- 6 Howard University College of Medicine
- 7 Johns Hopkins University
- 8 Northern Virginia Community College – Medical Education Campus
- 9 University of Maryland – College Park
- 10 University of Virginia – Northern Virginia Center
- 11 Virginia Commonwealth University School of Medicine – Inova Campus
- 12 Virginia Tech – Northern Virginia Center

RESEARCH INSTITUTIONS

- 13 Howard Hughes Medical Institute (Janelia Farm)
- 14 Howard Hughes Medical Institute (HHMI)
- 15 Inova Center for Personalized Health
- 16 MedStar Georgetown University Hospital
- 17 The MITRE Corporation

FEDERAL AGENCIES

- 18 National Institutes of Health
- 19 National Library of Medicine
- 20 U.S. Food and Drug Administration
- 21 Walter Reed National Military Medical Center

MILITARY INSTALLATIONS

- 22 Defense Health Agency
- 23 Fort Belvoir
- 24 Fort Detrick/USAMRIID