



INFORMATION TECHNOLOGY GREATER BALTIMORE INDUSTRY PROFILE 2020

The Greater Baltimore Region 7 Jurisdictions

- ▲ Anne Arundel County
- ▲ Baltimore City
- ▲ Baltimore County
- ▲ Carroll County
- ▲ Cecil County
- ▲ Harford County
- ▲ Howard County



Greater Baltimore, well-positioned as a global leader in information technology, is home to successful IT companies located throughout the Region with specializations as diverse as cybersecurity, digital health records, and video gaming. The vitality of the Region's IT sector is evidenced by the activity in dozens of incubators, accelerators, and co-working spaces populated with students and recent graduates of the Region's many top-rated computer science programs. Recent venture capital investment, growth of existing companies, and attraction of non-local startups to the Region are evidence of the momentum that is fueling Greater Baltimore's growth as a powerhouse in this crucial industry of the future.

#1
Science & Tech Workforce
(US State Ranking, Milken Institute, 2018)

#1
Fastest Internet
(US State Ranking, BBJ, 2019)

#1
Computer Science R&D
(US State Ranking, NSF, 2017)

Greater Baltimore: Taking the Lead in Information Technology

By being a part of the Maryland technology "cloud", Greater Baltimore employers benefit from the top science and technology workforce in the country, the nation's fastest internet, and the highest density of computer science R&D dollars (Milken Institute, 2018; BBJ, 2019; NSF, 2017). Because of these advantages, Greater Baltimore companies have led the Region to be among the top 3 large metropolitan areas in the density of workers in six of the most common IT job categories.

Network Support Specialists

Comp System Administrators

Information Security Analysts

**Baltimore
TOP 3
Large MSA**

Comp & Info Research Scientists

Computer Hardware Engineers

Computer Network Architects

(Density Rank among Top 25 Largest MSAs, BLS, 2018)

A Vibrant Network of Support for IT Companies

Maryland's **#2 ranking in density of technology companies** creates an ecosystem wherein firms can quickly address challenges and find solutions to problems (WalletHub, 2019). Grounded on collaboration, the Region's IT ecosystem features dozens of incubators, accelerators, co-working spaces, and meet-ups, helping entrepreneurs access a broad base of diverse resources from near and far.

24+

Incubators, Accelerators & Co-Working Spaces

12+

Tech Meet-Up & Networking Groups



(Technical.ly Baltimore, 2019)

410-468-0100 | greaterbaltimore.org

INFORMATION TECHNOLOGY

GREATER BALTIMORE INDUSTRY PROFILE 2020

Primed for Continued Growth in Multiple IT Specializations

Health IT & Electronic Health Records

Greater Baltimore's leading Life Science and Healthcare industries benefit from the Region's strong IT infrastructure. Efforts like the **LifeBridge Health/ CareFirst BlueCross BlueShield Innovation Challenge**, hosted in Baltimore City, support IT startups dedicated to the future of healthcare.

Maryland
1st
to Incentivize
Digital Health
Records
(MHCC, 2019)

Video Game Development

Ever since Sid Meier built his **Civilization** empire in Hunt Valley, Baltimore County has been one of the leading US gaming hubs. Big-name developers like **Big Huge Games** and **Firaxis** - and numerous spinoff companies - benefit from the talent pipeline at colleges like **MICA** and **UMBC**, and local school systems.



Cybersecurity

The Region is home to **U.S. Cyber Command**, the **NSA**, and the **Army Communications & Electronics Command**. Eleven of the world's top 500 cyber companies are headquartered in the Region, benefiting from nine Centers of Academic Excellence in Cyber Defense (Cybersecurity Ventures, 2018; NIETP, 2019).

Maryland
#2
Cyber Job
Market
(CyberSeek, 2019)

DefTech

Federal defense assets including **Fort George G. Meade** and **Aberdeen Proving Ground** have made Greater Baltimore a leader in developing and commercializing defense technology. **DefTech**, a state government initiative, brings together military and business at offices in Harford and Howard counties.



Maryland
#4
Def. Spending
Received
(OEA, 2018)

Preparing the Next Generation of Talent

Greater Baltimore's IT future is guaranteed by an exceptional talent pipeline. Maryland has the **#1** density of computer, mathematics, and statistics graduates of any state (ACS, 2017). Over 15 colleges and universities in Greater Baltimore offer computer science degrees, with two of the nation's top 25 programs in Maryland: **The Johns Hopkins University** and **University of Maryland College Park** (USNWR, 2019).

15+
Colleges w/ Computer
Science Degrees in GB
(EAGB, 2020)

9
Centers of Excellence in
Cyber Education in GB
(EAGB, 2020)

#4
Density of Advanced
Degree Holders
25 Largest US MSAs (Census, 2018)

2
Top 25 Computer Science
Programs in Maryland
(USNWR, 2020)

Maryland
#1
% Bachelors Degrees in
Computers, Math, & Stats
(ACS, 2017)

A Sampling of Greater Baltimore's Diverse IT Companies

