

INNOVATION AND ENTREPRENEURSHIP REPORT CARD

Talent Pipeline

GOAL: Expand and enhance Virginia's high-quality, highly skilled workforce.

Entrepreneurship Experience	↑
Knowledge Worker Migration	↓
Science and Engineering Workforce	→
STEM Degrees	↑
Virginia FIRST Participation	→
Workforce Education Level	↑

Research and Development

GOAL: Increase support for the research and development activities that provide a foundation for high-tech growth.

Academic Science and Engineering R&D Expenditures	→
Corporate R&D Intensity	↓
Federal R&D Spending in Virginia	↑
Patents	→
SBIR and STTR Awards	→
State R&D Intensity	↓

Access to Capital

GOAL: Improve access to capital for new and expanding high-tech enterprises.

Private Investment	→
Public Sector Investment	↓
R&D Tax Credits	→

Outputs

GOAL: Accelerate technology-based capital investment and job growth.

High-tech Export Share	→
High-tech Employment	→
High-tech Payroll Share	→
Market Trends	→

Commercialization

GOAL: Accelerate the introduction and growth of new technologies and products derived from research in Virginia.

University Environment	↑
University Licensing	→
University Startups	↑

Business Dynamics

GOAL: Enhance Virginia's business climate for entrepreneurs and high-growth technology enterprises.

Broadband Access	↑
Establishment Churn	↓
Fast Growing Firms	↑
IPOs	↑
Startups	→

Performance Trend

Improving	↑
Maintaining	→
Worsening	↓

Glossary

STEM: Science, Technology, Engineering, and Math

FIRST: For Inspiration and Recognition of Science and Technology (programs introducing K-12 students to science and technology)

SBIR: Federal Small Business Innovation Research grants

STTR: Federal Small Business Technology Transfer programs

IPOs: Initial Public Offerings (stock)