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All data current as of September 2025.



#### **ABOUT ADVANCECT**

#### **OUR MISSION**

AdvanceCT is a nonprofit economic development organization that drives job creation and new capital investment in Connecticut through business attraction, retention, and expansion work.

#### **ECONOMIC DEVELOPMENT**

Economic development is the lifeblood of Connecticut's economy, and AdvanceCT plays a critical role in the state's business attraction and business retention efforts. We work to attract corporate investment and to support existing businesses as they expand. AdvanceCT works in close partnership with public and private organizations across the state to ensure new and existing businesses have the support they need to thrive in Connecticut.

#### WHAT WE DO

We focus on inclusive business development and business retention work in close collaboration with the Connecticut Department of Economic and Community Development, other economic development organizations throughout the state, and the private sector.

#### LEARN MORE AT ADVANCECT.ORG





#### CONNECTICUT'S TECHNOLOGY VALUE PROPOSITION



**Connecticut** is rapidly emerging as a premier destination for technology-based companies, offering a powerful combination of affordable talent, leading-edge innovation, and access to the resources necessary for businesses to scale.

Connecticut's highly educated workforce – fueled by top-tier universities and research institutions – provides access to exceptional talent at a more affordable cost than traditional tech hubs like Silicon Valley, New York City, or Boston.

This talent concentration has enabled the state to position itself at the forefront of emerging technologies, including quantum computing and artificial intelligence.

Connecticut also boasts strong access to capital and an active ecosystem of investors, accelerators, and state-backed initiatives that support innovation. In addition, Connecticut's deep-rooted legacy industries – such as finance, insurance, healthcare, and advanced manufacturing – create natural partnerships for technology companies looking to innovate, test, refine, and scale their solutions.

For tech-driven businesses looking to innovate, grow, and thrive, Connecticut offers a compelling and competitive value proposition.



TECH JOBS IN CT1



9,640

TECH ESTABLISHMENTS IN CT<sup>2</sup>



**\$14B** 

**TECH STATE GDP<sup>3</sup>** 

\$1B

VENTURE CAPITAL RAISED BY CT INFORMATION TECHNOLOGY COMPANIES IN 20244

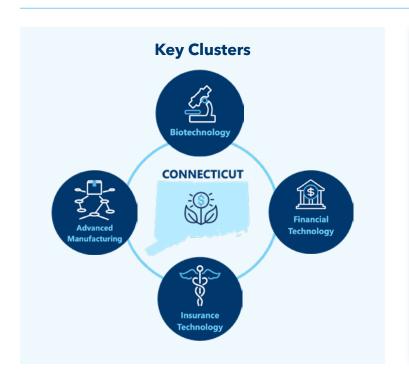
\$14B

CT INFORMATION TECHNOLOGY COMPANIES FUNDED BY VENTURE CAPITAL DEALS IN 2024<sup>5</sup>

SOURCE: ¹LIGHTCAST, 2024 – Q3 2025 RELEASE; COMPTIA IT OCCUPATION DEFINITION. <sup>2,3</sup>LIGHTCAST, 2024 – Q3 2025 RELEASE; SOFTWARE, DATA, AND DIGITAL TRADED CLUSTER INDUSTRY DEFINITION. <sup>4,5</sup>PITCHBOOK, 2024; INFORMATION TECHNIQUE OF VINDUSTRY



#### **Connecticut's Tech Cluster is Growing**



#### **State Commitment** to Innovation

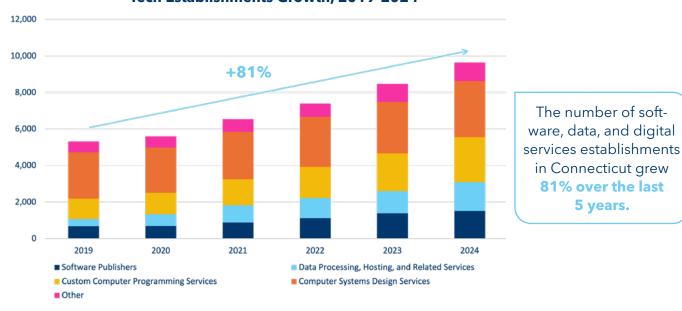


#### **INNOVATION CLUSTERS**

Connecticut's Department of Economic and Community Development has committed \$100M to support projects that contribute to the ongoing development of Connecticut's key innovative clusters.

5 years.

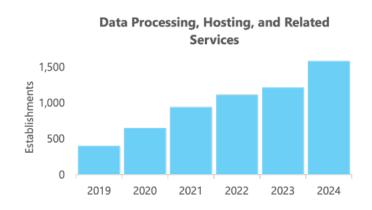
#### **Tech Establishments Growth, 2019-2024**



SOURCE: LIGHTCAST, 2024 - Q3 2025 RELEASE; SOFTWARE, DIGITAL, AND DATA SERVICES TRADED CLUSTER.

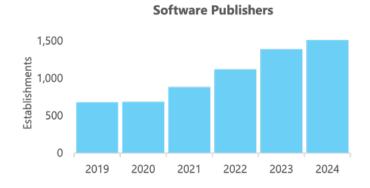


#### **Growth is Spread Across all Subsectors**



Jobs have more than doubled in this sector from 2019 to 2024.

Total establishments has almost tripled since 2019.



Jobs have grown 22% in this sector from 2019 to 2024.

Total establishments has more than doubled since 2019.

Subsector	Establishments (2019-2024)	Subsector	Establishments (2019-2024)
Computer Systems Design Services		Computer Facilities Management Services	
Custom Computer Programming Services		Other Computer Related Services	
Web Search Portals and All Other Information Services			

SOURCE: LIGHTCAST, 2024 - Q3 2025 RELEASE; SOFTWARE, DIGITAL, AND DATA SERVICES TRADED CLUSTER.



#### **Tech Companies Are Choosing Connecticut**



Payment technology company **relocating from New York to Shelton, CT** for infrastructure, workforce, and proximity to

NYC and Boston

"There are a growing number of highly innovative companies in Shelton, and we are very pleased to join them."

- Lou Kathrakis, CEO, Refined



Energy efficiency company based in Shelton, CT is on the Deloitte Technology Fast 500 list, received \$500M of private equity funding and is adding 100 jobs

"There's no chance whatsoever of us leaving **Connecticut**."

- Al Subbloie, CEO, Budderfly



Carillon Technologies, the developer of advanced technologies for both commercial and government applications, expanded its operations by adding two new subsidiaries in New Haven, CT

"When we considered locations for our expansion, **Connecticut was an obvious choice.**"

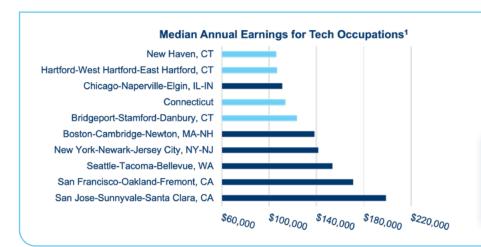
- Dr. John D. Evans, CEO, Carillon Technologies





#### **Connecticut Has A Strong Tech Talent Ecosystem**

Connecticut boasts a highly educated workforce with deep industry knowledge, supported by world-class academic and research institutions. Connecticut prides itself on its ability to engage in complex, high-value work, particularly in emerging technology sectors. The state's talent pool is concentrated and spans a range of occupations relevant to several major tech subsectors. Importantly, this top-tier talent comes at a lower cost compared to neighboring states like New York and Massachusetts, as well as traditional tech hubs such as California – offering companies a distinct competitive advantage.



Connecticut tech talent is **more affordable** than many major hubs.



most productive state for tech<sup>2</sup>

#### Business® Facilities® The Source For Site Selectors



#### Based on:

- investments in developing tech talent
- STEM education
- innovative tools and results
- overall availability of talent

**16,000+** software developers **12%** GROWTH 2020-2024

#### **Key Tech Occupations**<sup>4</sup>:



**10,600** computer & informational systems managers **1.5X** 

THE NATIONAL AVERAGE



9,000 computer user support specialists21% ABOVE THE NATIONAL AVERAGE



**1,400** computer programmers **23%** ABOVE THE NATIONAL AVERAGE



**5,900** computer systems analysts **11%** ABOVE THE NATIONAL AVERAGE

SOURCE: 'LIGHTCAST, 2024 – Q3 2025 RELEASE; COMPTIA IT OCCUPATIONS DEFINITION; 'LIGHTCAST, 2024 – Q3 2025 RELEASE; ADVANCECT CALCULATIONS; SOFT WARE, DATA & DIGITAL INDUSTRY TRADED CLUSTER; 'BUSINESS FACILITIES MAGAZINE, 2025; 'LIGHTCAST, 2024 – Q3 2025 RELEASE.

FMPI OWNETY CONCENTRATION OF 1 100



#### **Connecticut Has High Productivity Relative to Wages**





Connecticut has some of the most productive workers in tech relative to their earnings.

Among tech-heavy metro areas with median IT earnings under \$125,000 per year, Stamford has the #1 highest productivity, and New Haven is #3. Stamford's productivity is even higher than costlier cities such as Boston.

While San Jose, San Francisco, and Seattle have much higher productivity, **median earnings are also higher**, \$199,000, \$171,000, and \$154,000, respectively, compared to **\$123,000** in **Stamford** and **\$106,000** in **New Haven** — offering potential for significant cost savings.

SOURCE: LIGHTCAST, 2024 – Q3 2025 RELEASE; ADVANCECT CALCULATIONS. PRODUCTIVITY DEFINED AS GROSS REGIONAL PRODUCT PER WORKER, AND CALCULATED FOR THE SOFTWARE, DIGITAL, AND DATA INDUSTRY TRADED CLUSTER. MEDIAN ANNUAL EARNINGS CALCULATED FOR THE COMPTIA IT JOBS GROUP. CITIES CLASSIFIED BY MSA.



## **Ample Workforce in Key Tech Occupations**

Occupation	Jobs in 2024
Software Developers	16,300
Computer and Information Systems Managers	10,600
Computer User Supports Specialists	9,000
Computer Systems Analysts	5,900
Network and Computer Systems Administrator	2,100
Computer Network Architects	1,800
Data Scientists	1,700
Computer Occupations, All Other	1,450
Computer Programmers	1,450
Web Developers	1,400
Software Quality Assurance Analysts and Testers	1,200
Information Security Analysts	1,200
Web and Digital Interface Designers	1,050
Database Administrators	800
Database Architects	700
Computer Network Support Specialists	700
Computer and Information Research Scientists	200
Mathematical Science Occupations, All Other	30
Total	57,630

SOURCE: LIGHTCAST, 2024 – Q3 2025 RELEASE; COMPTIA IT OCCUPATIONS DEFINITION; ADVANCECT CALCULATIONS.



### **Connecticut Draws Tech Talent Across A Wide Range of Industries**

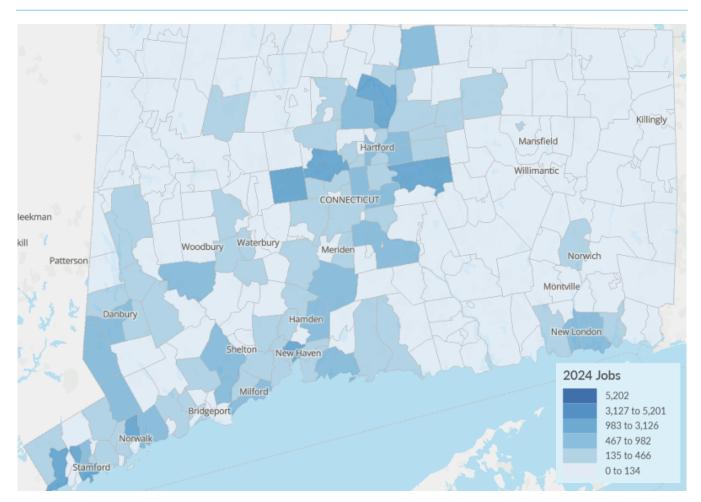
Industry	Tech Jobs in Industry
Computer Systems Design Services	6,600
Corporate, Subsidiary, and Regional Managing Office	4,200
Custom Computer Programming Services	3,600
Direct Life Insurance Carriers	2,500
Software Publishers	2,400
Data Processing, Hosting, and Related Services	1,750
State Government, Excluding Education and Hospitals	1,400
Aircraft Engine and Engine Parts Manufacturing	1,300
Portfolio Management and Investment Advice	1,300
Direct Property and Casualty Insurance Carriers	1,250
Colleges, Universities, and Professional Schools	1,200
Temporary Help Services	1,050
Other Computer Related Services	1,000
Media Streaming Distribution Services, Social Networks, and Other Media Networks and Content Providers	1,000
Research and Development in the Physical, Engineering, and Life Sciences (Except Nanotechnology and Biotechnology)	1,000
Local Government, Excluding Education and Hospitals	950
Wired Telecommunications Carriers	850
Elementary and Secondary Schools (Local Government)	750
Administrative Management and General Management Consulting Services	750
General Medical and Surgical Hospitals	700
Colleges, Universities, and Professional Schools (State Government)	650
Direct Health and Medical Insurance Carriers	650
Aircraft Manufacturing	600

Industries highlighted above are part of Connecticut's other key industry clusters.

SOURCE: LIGHTCAST, 2024 – Q3 2025 RELEASE; COMPTIA IT OCCUPATIONS DEFINITION.



#### **Connecticut Tech Talent Ecosystem Across the State**



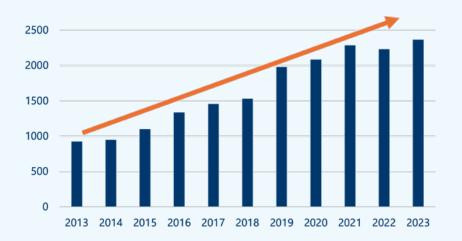


The largest concentrations of tech talent are in southern and southwest Connecticut and the greater Hartford area.

The location of tech jobs aligns with that of large corporate headquarters and Connecticut's major industry clusters.



#### A STRONG TALENT PIPELINE



# Graduates of CT institutions with bachelor's degrees in tech fields ave increased 150% since 2013

SOURCE: LIGHTCAST, 2023 – Q1 2025 RELEASE – MOST RECENT AS OF AUG 2025; COMPTIA IT OCCUPATIONS DEFINITION; BLS/NCES CIP-SOC CROSSWALK; ADVANCECT



#### The Governor's Workforce Council was established to:

- Create a system where businesses are setting the overall workforce agenda through robust partnerships with educators
- Ensure education and workforce systems are accessible and equitable
- Develop a comprehensive system of supportive services
- Build data systems that provide resources and measure success

SOURCE: CONNECTICUT OFFICE OF THE GOVERNOR 2021



Regional Sector Partnerships between employers, educational partners, and the state create training programs to reskill workers for jobs in highdemand clusters.



#### CONNECTICUT'S ROBUST EDUCATIONAL PIPELINE FOR TECHNOLOGY

#### **Technology Related Educational Programs**







48% of Connecticut's graduates in information technology fields come from 3 universities: University of Connecticut, Yale, and University of New Haven

































#### Degree attained by Graduates:

Bachelor's 47%
Master's 43%
Other Completions 10%

SOURCE: LIGHTCAST, 2023 – Q1 2025 RELEASE – MOST RECENT AS OF AUG 2025; ADVANCECT CALCULATIONS
\*COMPTIA IT OCCUPATIONS DEFINITION: ADVANCECT CALCULATIONS





#### Connecticut is at the Center of the U.S. Tech Economy

Connecticut is in an incredible location, positioned between two of the largest markets in the country, yet more affordable than both. The state also benefits from robust tech-ready infrastructure, with some of the best broadband availability in the country. Connecticut is also a low-risk state, relatively insulated from natural disasters.



13% of all U.S. tech traded cluster jobs are within 160 miles of Stamford, CT18% of all U.S. tech traded cluster state GDP is produced within 160 miles of Stamford, CT

160-MILE RADIUS CENTER	% OF U.S. TECH TRADED CLUSTER JOBS 2024	% OF U.S. TECH TRADED CLUSTER STATE GDP 2024
O Stamford, CT	13%	18%
New York, NY	10%	14%
O Boston, MA	5%	6%
San Francisco, CA	10%	23%

SOURCE: LIGHTCAST, 2024 – Q3 2025 RELEASE; ADVANCECT CALCULATIONS





State for Affordable Broadband Access<sup>1</sup>

State for **Median Broadband Speed** (151.6 Mbps)<sup>2</sup>

**97.6% access** to fixed wired or wireless broadband.<sup>3</sup>

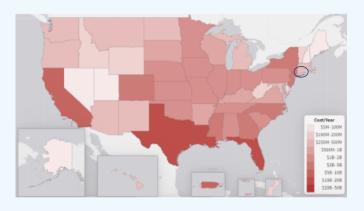


The Connecticut State Broadband Office is working to "facilitate the availability of broadband access to every state citizen and to increase access to and the adoption of ultra-high-speed gigabit-capable broadband networks."

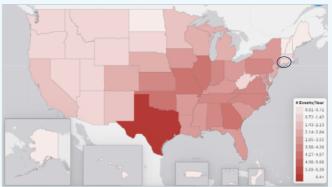


#### **Connecticut is Low Risk for Natural Disasters**

Cost Per Year, 2004-2024 Billion
Dollar Disasters



Events Per Year, 2004-2024 Billon Dollar Disasters



Billon-Dollar Disasters, 2004-2024

State	Events/Year	Cost/Year
Connecticut	1.2	\$250M-500M
Massachusetts	1.3	\$250M-500M
California	1.5	\$5B-10B
New Jersey	2.6	\$2B-5B
New York	3.3	\$2B-5B
North Carolina	4.1	\$2B-5B
Georgia	4.9	\$2B-5B
Texas	7.1	\$10B-20B

SOURCE: U.S. NATIONAL OCEANIC AND ATMOSPHERIC ASSOCIATION, ACCESSED SEP 2025.





#### Tax Rates That Are Lower than "Low-Cost" States





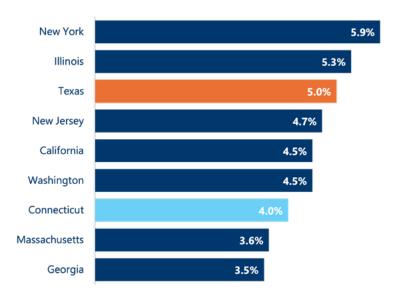
## TOTAL EFFECTIVE BUSINESS TAX RATE

**Total Taxes Paid By Businesses** 

**Total Private Gross State Product** 

(a measure of total taxable business activity)

#### **Total Effective Business Tax Rates**



**\$8,000/employee** in total business taxes on average

While **Texas** businesses pay

**\$9,600/employee** in total business taxes on average

SOURCE: ERNST & YOUNG, 2024. TOTAL EFFECTIVE BUSINESS TAX RATE IS THE TOTAL TAXES PAID BY BUSINESSES IN A STATE DIVIDED BY THE TOTAL PRIVATE GROSS STATE PRODUCT (A MEASURE OF TOTAL TAXABLE BUSINESS ACTIVITY).



#### **Connecticut's Venture Fund Ecosystem**

Connecticut's technology companies are backed by a strong investment sector and a business-friendly regulatory environment. A myriad venture capital funds invest billions of dollars in Connecticut tech companies each year. This is key to keeping an innovative economy that consistently pushes boundaries.



CT Investors made 253
VC IT deals worth \$22.6B
in 2024



91 CT-based IT VC funds oversee \$18 billion in funding



122 CT-based VC IT investors have \$374B in assets under management





































#### **Government Integrity**

In addition to its improved long-term economic stability, Connecticut has one of the most stable state governments in the country. The state has fewer regulations than many states with "business-friendly" reputations, as well as lower corruption and minimal abuse of fines and fees. Connecticut has pragmatic leaders looking to make life better for its residents and businesses.

#### **Connecticut Government Integrity Bests States** with "Business Friendly" Reputations

Local Government Revenue from Fines and Fees (per capita, 2020)



#### **Government Regulations**

**Fines and Fees** 

revenue1

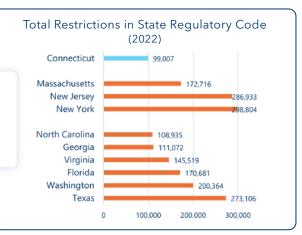
Can become exploitative

when governments rely

on law enforcement as

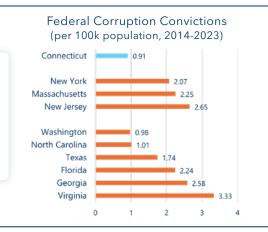
an essential source of

Volume and complexity of regulations create economic barriers to entry<sup>2</sup>



#### **Ethics and Corruption**

Abuse of public trust by elected officials can include bribery, extortion, election crimes, and criminal conflict of interest3





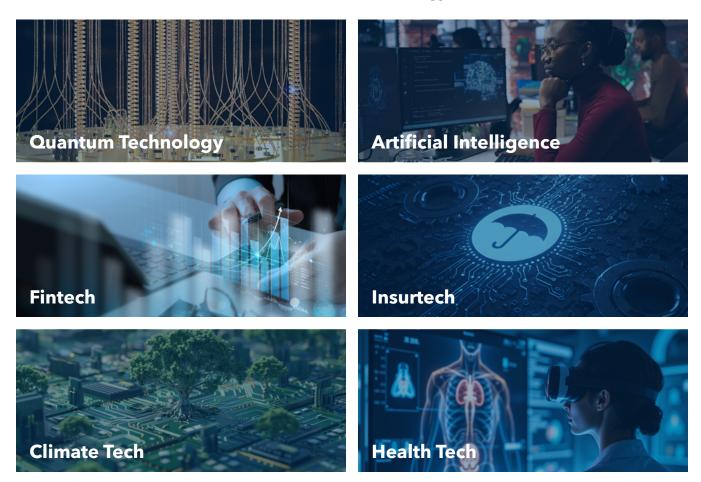


#### **Key Technology Subsectors**

Technology has broad applications that touch nearly every other industry. From fintech and insurtech to climate tech and health tech, Connecticut has a deep bench of legacy companies with sector expertise, as well as a younger generation of innovators. Connecticut companies are also leading advancements in emerging technologies such as quantum and AI.



#### **Connecticut's Advanced Technology Subsectors**





#### **Quantum Computing in Connecticut**





**New Haven, Connecticut** is at the epicenter of quantum computing – both in research and practical applications – laying the groundwork for the next phase of discovery in quantum technology.

## **Key Partnerships Facilitate Research and Commercialization of Quantum Technologies**



- Over 200 Yale University researchers, faculty, and grad students are dedicated to quantum technology disciplines<sup>1</sup>
- Yale research enabled the current quantum revolution with breakthroughs over 25+ years of research, including:
  - first long-lived superconducting quantum bits (qubits)
  - first solid-state quantum processor running an algorithm
  - first to demonstrate effective error correction with photon qubits

#### **UCONN**

Quantum Intiative

- Faculty and researchers in condensed matter, engineering, computer science, and materials science are generating breakthroughs<sup>2</sup>
- Grassroots collaboration and joint funding initiatives have fueled the industry in Connecticut



 Public-private partnerships have propelled the adoption of quantum technologies in Connecticut and beyond<sup>3</sup>

Industry Leaders In Quantum Technologies, Aerospace and Defense, & Other Sectors Develop Practical Technologies<sup>4</sup>











QUANTUM SI



#### **Innovations in Al Work**



"Hartford HealthCare's Center for Al Innovation in Healthcare – is a declaration of intent, a commitment to lead the charge in shaping a future where healthcare thrives on the transformative power of Al."

- Ajay Kumar, MD, HHC's Chief Clinical Officer<sup>1</sup>



From the founders of Priceline, r4 is the leader in applying Al to cross-enterprise management.



Named one of Fast Company's Most Innovative Companies of 2025, GeneDx applies AI to genomics to expedite disease diagnosis.



Infosys, a global leader in next-generation digital services, helps companies develop a roadmap for enterprise-wide Al solutions.

SOURCE: 1HARTFORD HEALTHCARE, 2024.



#### **Connecticut Al Alliance**



"We're creating a collaborative ecosystem that will **drive innovation**, **economic growth**, **and workforce development** in the rapidly evolving field of artificial intelligence."

- Vahid Behzadan, Ph.D., co-founder of CAIA

The CAIA is a coalition of 16 academic institutions and 6 community organizations partners launched in March 2025 to advance the development, application, and impact of artificial intelligence across Connecticut.

**7**Active Programs

500+
Participants Trained

**50+**Partner Organizations

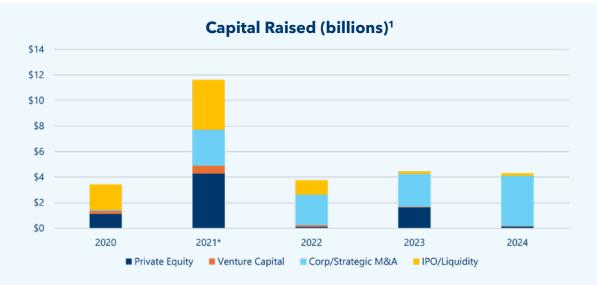
95% Success Rate

#### **CAIA's Five Key Pillars:**

- Research and Development: Promoting interdisciplinary research collaborations to address real-world AI applications and challenges
- Workforce Training: Delivering skills-based programs to equip Connecticut's workforce with necessary AI expertise
- Business and Industry Growth: Fostering Aldriven businesses and startups through access to computing resources and knowledge transfer
- Innovation Infrastructure: Establishing shared technical infrastructure, including a state-wide Al computing cluster
- Community Engagement: Building a thriving Al community through seminars, workshops, and industry events



#### **CONNECTICUT FINANCE AND FINTECH CONTINUE TO ATTRACT BILLIONS**



#### Connecticut's Largest Fintech & Finance Venture Capital Deals<sup>2</sup>

Connecticut finance & fintech companies raised over \$23M in venture capital in 10 deals in 2024 and \$1.15B in 147 deals from 2020-2024.

#### **5 LARGEST DEALS SINCE 2020**







\$450M Late-Stage VC \$100M

\$36M

Early-Stage VC Late-Stage VC

**■ inbox**health



\$22.5M

\$10M

Late-Stage VC

Late-Stage VC

#### Other recent funding recipients in Connecticut











SOURCE: ¹PITCHBOOK, 2024 – ACCESSED MAR 2025; ADVANCECT CALCULATIONS. INCLUDES ALL VC DEALS FROM 01/01/2020 PITCHBOOK, 2024 – ACCESSED MAR 2025. FINANCE AND FINTECH DEFINED AS PITCHBOOK CAPITAL MARKETS/INSTITUTIONS



### **Driving Digital Innovation**



Industry heavyweights and innovative startups build Connecticut's vibrant insurtech sector.

#### **INDUSTRY ANCHORS**





Industry stalwarts investing hundreds of millions of dollars in insurtech.<sup>1</sup>



On the cutting edge of artificial intelligence<sup>2</sup>

#### NEW MARKET ENTRANTS



Developer of an underwriting analytics platform founded in West Hartford, CT in 2022. Raised \$10M in seed funding.<sup>3</sup>



Platform empowers leading brands to build frictionless, mobile-first insurance experiences. UK company launched a U.S. subsidiary headquarted in Hartford, CT in 2022.<sup>4</sup>



Cyber risk management platform founded in Farmington, CT in 2023.<sup>5</sup>



#### **Connecticut's Growing Climate Tech Sector**





190 companies in Connecticut<sup>1</sup>



**49**deals between 2021 and 2024<sup>2</sup>











- Named to the 2023 Deloitte Fast 500 List<sup>3</sup>
- 3 Year Growth of 282%

"I'd like Connecticut to continue to be **the leader** when it comes to **climate change and a carbon- free future.**"

- Governor Ned Lamont, 2023



#### **Abundant Opportunities in Health Tech**





companies in CT<sup>1</sup>



deals between 2021-20242



in capital raised 2021-2024<sup>3</sup>









Healthcare and social assistance is one of the state's largest industries contributing to the Connecticut economy4:



291,350

**Jobs** 



**State GDP** 

R&D in the physical, engineering, and life sciences contributed to the Connecticut economy<sup>5</sup>:



9.736

Jobs



**State GDP** 

#### FOR MORE INFORMATION, CONTACT:

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LEARN ABOUT CONNECTICUT'S KEY INDUSTRIES AT ADVANCECT.ORG



CONNECTICUT









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