

Science & Technology

Delaware's highly integrated advanced chemicals and bioscience industries are powered by top-tier talent and a drive for innovation.

Advanced Chemicals

Delaware has been a global hub for advanced chemicals since DuPont opened for business here in 1802. Today, chemical manufacturing is the largest manufacturing industry in Delaware, generating more than \$6.4 billion annually in output. It also accounts for one-quarter of all Delaware manufacturing output. The state's position as a leader in advanced chemicals is supported by a deep talent pool, with the highest concentration of chemical engineering jobs in the country and a top-tier talent pipeline from the University of Delaware's graduate chemical engineering program, which ranks among the top 10 programs nationally, according to *U.S. News & World Report*.

Bioscience

Delaware's bioscience companies — spanning pharmaceutical, industrial, agricultural, chemical and medical uses — are leaders in moving cutting-edge technology from lab to market. Many top pharmaceutical companies are headquartered in the region, where firms collaborate with research and medical institutions to develop and commercialize innovative drugs, diagnostics and medical devices. The number of life sciences firms in the state has grown by more than 60% during the past decade, drawing on an existing pool of highly trained and specialized workers. Delaware is home to state-of-the-industry facilities that will further bioscience advances into the 21st century. These facilities include the new \$156 million Biopharmaceutical Innovation Building at the University of Delaware's Science, Technology, and Advanced Research (STAR) Campus, headquarters of the National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL).



"Delaware moves at the speed of the entrepreneur, and having a real partnership with local businesses, to be able to find your answers quickly with the government and have the support of your local, state and federal leaders help make Delaware a special place for business."

— Andrew Cottone
Founder and President
Adesis



Key Facts

9th

Delaware ranks 9th in the Milken Institute's 2020 State Technology and Science Index.

4th

The 4th-highest U.S. concentration of Ph.D.s working in health, science and engineering is found in Delaware.

1st

Delaware has the highest concentration of chemical engineers of any U.S. state.

100

There are more than 100 colleges and universities within two hours of Delaware, providing a deep talent pool for science and technology companies.



Best research & development tax credit in the United States.

7th

Outranking California, Delaware is 7th in the U.S. for its concentration of technology workers.

Why Delaware?



"Delaware's been a fantastic choice for us. Being in the center of it all from a location perspective, being able to get to New York, being able to get to a major airport and access to great universities is very important."

- Philip Patterson
CFO and SVP
Solenis



"We're so good at forming collaborations in Delaware. Whether we're trying to get through regulatory hurdles, trying to find investors or trying to connect with different scientific expertise, we all know each other in this community so it's always easy to find what you need. That's how Delaware competes on the world stage"

- John Koh
Director
Delaware Biotechnology Institute

Notable Employers



Industry Drivers

- 📍 Air Liquide Delaware Research and Technology Center
- 📍 University of Delaware Center for Composite Materials
- 📍 Delaware BioScience Association
- 📍 Delaware Biotechnology Institute
- 📍 Delaware Innovation Space
- 📍 Delaware Sustainable Chemistry Alliance (DESCA)
- 📍 Fraunhofer USA Center for Molecular Biology
- 📍 National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL)
- 📍 Science and Technology Research Institute of Delaware (STRIDE)
- 📍 Zip Code Wilmington
- 📍 Code Differently

About DPP

Delaware Prosperity Partnership leads Delaware's economic development efforts to attract, grow and retain businesses; to build a stronger entrepreneurial and innovation ecosystem; and to support private employers in identifying, recruiting and developing talent.

Contact

Becky Harrington
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choosedelaware.com



Choose Delaware

Business & Financial Services

Not just a global hub for leading financial institutions and cutting-edge fintech operations, Delaware is also where much of the world's commercial legal affairs are conducted.

Business & Corporate Services

Delaware is the undisputed leader in corporate and legal services in the United States, thanks to its unique combination of corporate laws, court system and outstanding professional services coupled with its highly responsive Division of Corporations. Delaware's internationally renowned business law system — its Court of Chancery — is distinctive for its reliance on appointed, experienced judges, as opposed to uninformed and unpredictable juries. Delaware's trusted and sophisticated professional and business services firms — legal, accounting, consulting and more — make it an ideal destination for corporations.

Financial Services & Fintech

Nearly 40 years ago, the landmark Financial Center Development Act established Delaware, virtually overnight, as a global hub for financial services operations and talent. Preeminent institutions quickly established credit card operations in Delaware, creating thousands of new jobs and sowing the seeds for the financial services industry's status as Delaware's largest traded sector. From established corporations like Bank of America, Capital One, Citibank, Citizens, M&T, PNC and WSFS to early-stage firms like Marlette Funding and College Ave Student Loans, financial services and fintech choose Delaware for growth and innovation.



"The reasons that we're here are pretty simple: The local and state government create a really business-friendly, forward-looking environment for companies like ours to grow. And the quality of life in Delaware and in Wilmington have really allowed us to create a winning culture."

— Denny Nealon
CEO
Barclays U.S. Consumer Bank



Key Facts

1M

More than 1 million businesses are incorporated in Delaware, including 68 percent of Fortune 500 companies.

#1

Delaware is #1 in the United States on a per-capita basis and #5 overall for fintech innovation, with more than 200 patents assigned to Delaware-based individuals and companies over the last 10 years.

40K

Home to more than 40,000 financial services jobs.

725M

Delaware is a magnet for out-of-state and foreign direct investment by financial services firms, with \$725 million invested since 2010.

9%

Financial services accounts for 9% of all Delaware jobs, the highest share of any state in the United States and about double the U.S. national average.

Why Delaware?



"We've found that state officials and the entire business community are focused on supporting both businesses and residents, so we feel like we've found a place where we can enjoy living, working and becoming successful."

- Frank Borchert
CAO and CLO
Marlette Funding



"The proximity to D.C., Philadelphia, New York and other cities on the East Coast is obvious. And if you look at the cost of living, the value you get in Delaware is equal to or better than almost anywhere else on the East Coast."

- Don Mell
Executive Director
Hub Strategy, Delaware Market
JP Morgan Chase

Notable Employers



Industry Drivers

- Institute of Delaware Corporate and Business Law
- Institute for Financial Services Analytics
- First State Fintech Lab
- Greater Delaware Fintech Network
- Institute for Public Administration
- Geltzeiler Trading Center
- Zip Code Wilmington
- Code Differently

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Manufacturing & Logistics

What's the most cost-effective location along I-95 between Washington, D.C., and Boston? Delaware.

Manufacturing

Delaware's low cost of doing business, central location and high speed to market – along with a trained and technically skilled workforce – position the state as a center for manufacturing. With output of nearly \$5 billion, the industry is a major force in Delaware's economy and the third-largest traded sector. Delaware enjoys remarkable diversity in manufacturing that enhances economic stability and minimizes volatility, with a range of products that include advanced materials, analytical instruments, biopharmaceuticals, chemicals, performance products, pet foods, space suits, industrial gases, clean tech, construction materials and more. Delaware Technical Community College offers many two-year programs to develop the skills needed for advanced manufacturing jobs. In addition, the state's advanced manufacturing Pathways program provides high school students with more than 600 hours of instruction and hands-on experience in Delaware Tech's labs and a 200-hour craftsmanship.

Distribution & Logistics

When it comes to getting products where they need to go, Delaware's location and investment in transportation and infrastructure make it happen. Warehousing employment in the state has quintupled in recent years as employers tap into a trained warehousing and logistics workforce. At the center point of the New York City to Washington, D.C., corridor, companies can reach 50 million consumers in fewer than five hours by truck and 100 million consumers in fewer than 10 hours. And Delaware is ideally positioned to serve the world. The Port of Wilmington – already a full-service, strategically located Mid-Atlantic seaport serving more than 200 million North American consumers – is set for a significant expansion in the coming years, with planned investment of approximately \$600 million in upgrades, including an expansion of the existing terminal and construction on a new 1.2 million-TEU terminal.



"One of the busiest highways in the country runs through Delaware. From a shipping perspective, you get to I-95 and you can get anywhere. We can be anywhere very quickly."

– John Hummel
President
Burriss Logistics Custom Distribution



Key Facts



Delaware is at the center of the largest consumer market in the United States.

50M

More than 50 million people live within 250 miles of Delaware.



Delaware offers close proximity to major airports, with international and domestic cargo capacity.



The Port of Wilmington is a major international port, just four hours from the Atlantic Ocean.



Intermodal transfer points and rail freight facilities are located throughout Delaware.

Why Delaware?



"Delaware has been an extremely business-friendly state for us. The financial support we've received from the State of Delaware, Sussex County and the City of Seaford is why we're the size company we are and why we've been able to buy companies, facilities and equipment."

- Don Hollenbeck
President
Craig Technologies



"Delaware is close to major consumer markets: Norfolk and Hampton Roads, D.C. and Baltimore, Philadelphia and New York. It's a great place from which to serve these locations."

- Cliff Grunstra
Chief Marketing Officer
Delmarva Central Railroad

Notable Employers



Industry Drivers

- Port of Wilmington / Gulfstream USA
- Central Delaware Aviation Complex
- Delmarva Central Railroad
- Delaware Bioscience Association
- Delaware Manufacturing Extension Partnership (DEMEP)
- Delaware Sustainable Chemistry Alliance (DESCA)
- Delaware Technology Park

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Food & Agriculture

Efficient, high-tech operations are the norm in Delaware's agriculture and food production sector.

Agriculture & Food Production

Delaware is one of the country's leading producers of broiler chickens, generating more than \$1 billion in sales annually. Leading poultry processors such as Perdue, Allen Harim and Mountaire have significant operations in Delaware, and the industry supports more than 8,500 jobs statewide. With highly productive soil and generations of skilled farmers, the state also is a significant producer of lima beans, soybeans, field corn, watermelon, peas, sweet corn and potatoes, as well as dairy. In addition, Delaware's location on the eastern seaboard allows a thriving seafood industry, especially in crabs, clams and oysters.

Agriscience & Precision Agriculture

Delaware's agriculture, advanced chemicals and life sciences sectors work closely together. Delaware-based life sciences companies utilize biologists, animal scientists and chemists to produce pharmaceutical products for agribusiness. Multinational companies support Delaware agriculture by advancing research and development in areas like crop breeding, digital ag and more, while farms adapt sophisticated precision agriculture technology. At the University of Delaware, internationally renowned scientists work alongside students to tackle the biggest issues facing agribusiness, both in the classroom and on the school's 350-acre laboratory farm that provides hands-on experience with animals, crop plants, wetlands, forests, greenhouses and a working dairy.



"There's a lot of scientific talent in this area. The quality of life is high, the environment in which people live is lovely, the schools are good – there's just a lot to be said about the benefits of working and living in Delaware."

– Kathleen Shelton
Vice President and CTO
FMC



Key Facts

1st

Delaware ranks first in the United States for agricultural value sold per acre.

1B

More than \$1 billion of cash receipts are generated from 2,300 Delaware farms on 530,000 acres.

2nd

Delaware ranks second in the nation for agricultural value sold per acre.

40%

A total of 40% of Delaware land use is devoted to agriculture production.

8th

Delaware is a leading producer of broiler chickens and ranks 8th in the United States in poultry industry sales.



Delaware is one of the top producers of lima beans in the United States.

Why Delaware?



"With a location that puts us within a day's drive of one-third of the U.S. population and our highly productive soils, Delaware is positioned to be a foodshed for the eastern United States."

- Ed Kee

Former Secretary of Agriculture
State of Delaware



"Delaware's just such an awesome place. You can be in Wilmington and to the beach within an hour and a half. It's a really awesome place to be in business, and it's a really awesome place to live."

- Katey Evans

Co-Founder
The Frozen Farmer

Notable Employers



Industry Drivers

- Delaware Farm Association
- Delaware Soybean Board
- Delaware State University College of Agriculture and Related Sciences
- Delmarva Poultry Industry Inc.
- Produce Marketing Association
- University of Delaware College of Agriculture & Natural Resources

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Education & Healthcare



Delaware: Where universities, researchers and hospitals drive innovation and shape the economy.

As one of the nation’s prominent leaders in knowledge creation and research and development, it’s no surprise that Delaware is home to strong education and healthcare industry clusters. Delaware’s expertise in research and development is supported by the collaborations of its academic institutions, health systems and private and public partners – not to mention its top-tier workforce of professors, engineers, scientists, physicians and more.

Delaware is at the frontline of health and technology innovation. The University of Delaware boasts the 272-acre Science, Technology and Advanced Research (STAR) Campus. The STAR Campus brings together basic and applied research, academics and innovative business enterprises, including Fortune 500 companies, in one location.

And the state’s dynamic health systems advance the future of healthcare, from Christiana Care Health System’s Gene Editing Institute to the Dan and Susan Katzin Diagnostic and Research PET/MRI Center at Nemours/Alfred I. du Pont Hospital for Children.

Key Facts

1%

Delaware’s largest health system, ChristianaCare, ranks in the top 1% of all U.S. hospitals, according to Healthgrades.

100

There are more than 100 colleges and universities within a two-hour radius of Delaware.

3rd

Delaware State University ranks #3 among America’s Historically Black Colleges and Universities, according to BestColleges.com.



The University of Delaware, the state’s largest, is a major research and teaching institution.



Delaware boasts a robust network of technical education, including college, vocational training, trade and certificate programs.



“The smallness of Delaware actually makes for easier partnerships and a unity of focus when it matters most. People and businesses want to come here because they see a really thoughtful talent pool that is loyal to the community they’re in and want to be successful.”

– Dr. Tony Allen
President
Delaware State University

Why Delaware?



"Strong partnerships allow us to work together to train the next generation of innovative healthcare leaders. A huge advantage we have in Delaware is that students get to engage with leaders throughout the state from the very beginning of their clinical training."

-Janice E. Nevin, M.D., MPH
President and CEO
ChristianaCare



"Our mission is to provide a high-quality workforce for local business and industry."

- Dr. Mark Brainard
President
Delaware Technical and
Community College

Notable Employers



Industry Drivers

- ChristianaCare Gene Editing Institute
- Delaware Department of Education
- Delaware Pathways
- Delaware State University
- Delaware Technical Community College
- Goldey Beacom College
- Katzin Diagnostic & Research PET/MRI Center
- Nemours/Alfred I. du Pont Hospital for Children
- University of Delaware
- Delaware Law School
- Wilmington University
- Zip Code Wilmington

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