



PENNSYLVANIA

Gross State Product: \$783 billion | 5G Welcome: NO



What did Pennsylvania do right?

Short-term rentals are operational, despite the lack of a statewide legal framework. The state also welcomes other emerging technologies, with no restrictions on drones or self-driving vehicles.



What can Pennsylvania do better?

The state can revise its electronics recycling law to make the rules less open to arbitrary regulator interpretation and increase the percentage of households with access to high-speed internet. It can also enact a “right-to-work” law and a law to protect workers from discrimination on the basis of sexual orientation and gender identity.

Technology

Short-Term Rentals	B+
Ridesharing & E-Scooters	C
Self-Driving Vehicles	A
Drones	A
Fast Internet	D+

Society

Best & Brightest	D
Grants Advanced Degrees	B
Tech Workforce	B-
Innovation-Friendly Sustainability Policies	C

Economy

Attracts Investment	B
Entrepreneurial Activity	B-
Tax Friendly	B-



Through the Urban Technology Project, recent high school graduates can take part in a one-year IT apprenticeship at a regional school, during which time they can also mentor middle- and high school students interested in technology.



Areas of Innovation

CTA's Innovation Scorecard is formulated using a range of complementary factors that indicates how strongly a state supports innovation. These factors may relate to a state's citizens, corporations doing business or employing people there or a state's legislative and regulatory environments.



Drones

The state has no laws restricting drone activity.



Self-Driving Vehicles

It has no laws that restrict testing, development or deployment of SDVs.



Short-Term Rentals

STRs operate but lack a statewide legal framework.



Grants Advanced Degrees

More than 11% of people over age 25 hold an advanced degree.



Tech Workforce

It has approximately 40 tech jobs per 1,000 people and reported 1,874 apprenticeship graduates in recent data.



Fast Internet

It does not have policies in place to welcome 5G connectivity, but 63% of its households have high-speed fixed broadband and 71% of households have moderate-speed broadband.

ABOUT THE SCORECARD

CTA's 2020 U.S. Innovation Scorecard grades every state on 12 quantitative and qualitative criteria that measure how well it fosters innovation.

Each state ranks in one of four tiers: Innovation Champions excel in almost all areas, followed by Innovation Leaders, which earn high scores in most. Innovation Adopters promote innovation in some areas but not others. Finally, Modest Innovators may support innovation in one or more areas, but they show the greatest room for improvement.

Learn more about the Scorecard and its methodology on the web at CTA.tech/scorecard.

ABOUT CTA

As North America's largest technology trade association, CTA® is the tech sector. Our members are the world's leading innovators — from startups to global brands — helping support more than 18 million American jobs.

CTA owns and produces CES® — the largest, most influential tech event in the world. Find us at CTA.tech. Follow us @CTAtech.

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