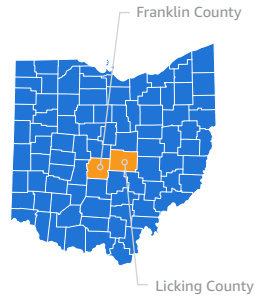## Stimulating the Ohio Economy Through AWS Investment

The Amazon Web Services (AWS) US East (Ohio) Region launched in October 2016 with data centers in Franklin and Licking counties. Since 2015, the construction, connection, operation, and maintenance of data centers has created demonstrable economic growth for Ohio. In 2022, 990 of Amazon's employees in Ohio directly supported AWS and an additional 3,150 jobs at local vendors supported AWS facilities in on-site roles across the state. AWS investment in the US East (Ohio) Region and the resulting economic impact generates revenue for Ohio businesses and supports jobs in the Ohio economy through direct, indirect, and induced effects.

Franklin County

Licking County

Economic Impact of the AWS US East (Ohio) Region from 2015-2022

$6.3 billion
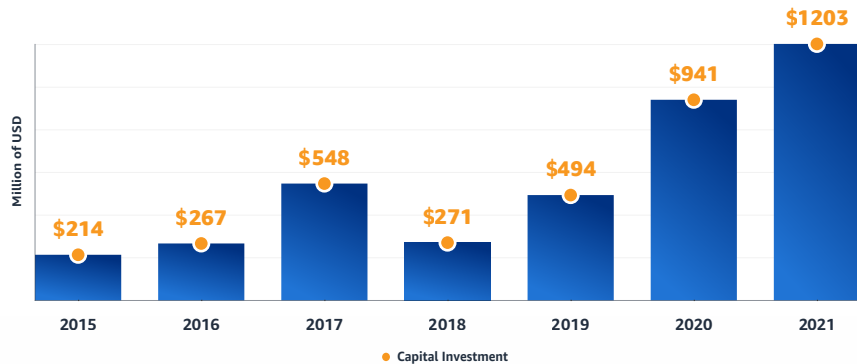Total investment in Ohio, including both capital and operating expenditures

$2.2 billion
Estimated total gross domestic product (GDP) contributed to Ohio

3,550
Estimated average full-time equivalent (FTE) jobs supported at local vendors annually in Ohio

AWS Capital Investment in Ohio

Million of USD

Year	Capital Investment
2015	$214
2016	$267
2017	$548
2018	$271
2019	$494
2020	$941
2021	$1203

● Capital Investment

Helping Customers and Communities Meet Their Sustainability Goals

Amazon has invested in 18 solar and wind farms in Ohio, and once all are fully operational, these projects are expected to generate more than 6.6 million megawatt-hours of clean energy each year, or enough to power 620,000 U.S. homes. As part of The Climate Pledge, Amazon is committed to reaching net-zero carbon emissions across its business by 2040 and is on a path to powering its operations with 100% renewable energy by 2025. At AWS, we know that water is a precious resource. We have committed to being water positive by 2030, which means returning more water to the community and environment than we use in our operations. To meet this goal, we are working across our data center operations to conserve and reuse water, and in communities where we operate by working with nonprofit and public partners to support water availability. AWS is already well on the path to becoming water positive and is innovating to lower water use across facilities by using cloud technologies to continually improve water efficiency and investing in projects that deliver water back to communities. Learn more about AWS sustainability.

3.6x
AWS infrastructure is 3.6 times more energy efficient than the median US enterprise data center.

Enabling Workers' Entry Into Skilled Technical Careers

AWS collaborates with organizations in Central Ohio to deliver skills-based training to help workers enter data center-related careers. For example, AWS helped Columbus State Community College establish the Data Center Technician Training Program. AWS created a $50,000 scholarship fund for students in the program and offers paid internship opportunities to pursue careers at AWS data centers in Central Ohio. AWS also has multiple programs designed to help individuals get on-the-job training, including Grow Our Own Talent and Work-Based Learning Programs, which provide pathways to internships and other entry-level data center careers.

AWS training supports the competitiveness of the Ohio data center supply chain. For example, AWS and Sumitomo Electric Lightwave co-hosted AWS Fiber Optic Fusion Splicing Certificate Courses with Tolles Tech and Sinclair Community College, and have multiple workshops planned for 2023 in Central Ohio. This free, two-day training course provides participants with the skills to enter fiber-optic installation and repair, and includes a career networking session, helping participants meet employers.

> "
>
> **Events like Girls' Tech Day are important because they reinforce the message that we want, and need, more women to be part of these fields. It's critical that we keep developing and encouraging their talent, so they can seize the opportunities available to them in tech"**
>
> - Ohio State Senator Stephanie Kunze

Empowering Youth Through Interactive Learning Opportunities

AWS works with K-12 schools across Central Ohio through programs like Girls' Tech Day, Think Big Spaces, AWS Spark, and the We Build it Better program to introduce young learners to science, technology, engineering, arts, and mathematics (STEAM) concepts through an interactive curriculum.

AWS Girls' Tech Day is a free, half-day learning event designed to inspire and empower school-age girls and young women to pursue interests and careers in technology. In October 2022, AWS collaborated with Columbus-area schools to engage students across Central Ohio. Girls participated in interactive workshops that included learning about artificial intelligence by programming and building their own robot that makes art, learning about augmented reality (AR) and virtual reality (VR), and hearing from female tech trailblazers who shared their career journeys.

400
5th–8th grade girls from Columbus area schools participated in AWS Girls' Tech Day in 2022.