AWS Investment: Virginia

Economic growth created by AWS's investment in the US East (Northern Virginia) Region has led to a ripple effect in Virginia, including enabling job opportunities, upskilling Virginia's workforce, sustainability commitments, and more.

Economic Impact of AWS in Virginia 2011-2021

$51.9 billion
Total investment in Virginia, including capital and operational expenditures

$8.2 billion
Estimated total gross domestic product (GDP) contributed to Virginia

7,340
Estimated average full-time equivalent (FTE) jobs supported at local businesses annually in Virginia
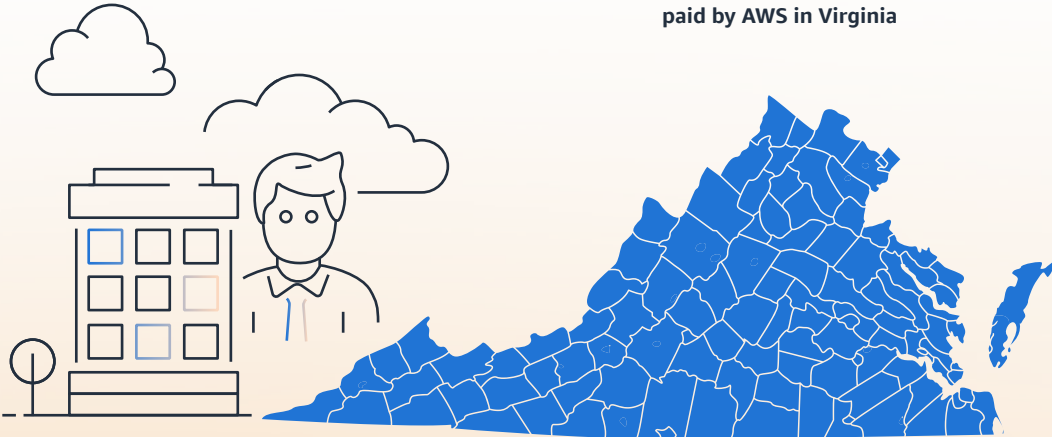
AWS Operations in Virginia

Since **launching the first data center in 2006**, employees now support AWS businesses from data centers across Northern Virginia, a corporate office in Fairfax County, and the new Amazon headquarters in Arlington County.

11,180 full- and part-time workers at local businesses supported AWS construction, operations, and maintenance on-site at AWS facilities in Virginia in 2021.

Among other taxes, AWS paid over **$334 million in business personal property taxes** in 2022 in connection with its data centers located in Virginia.

$334M
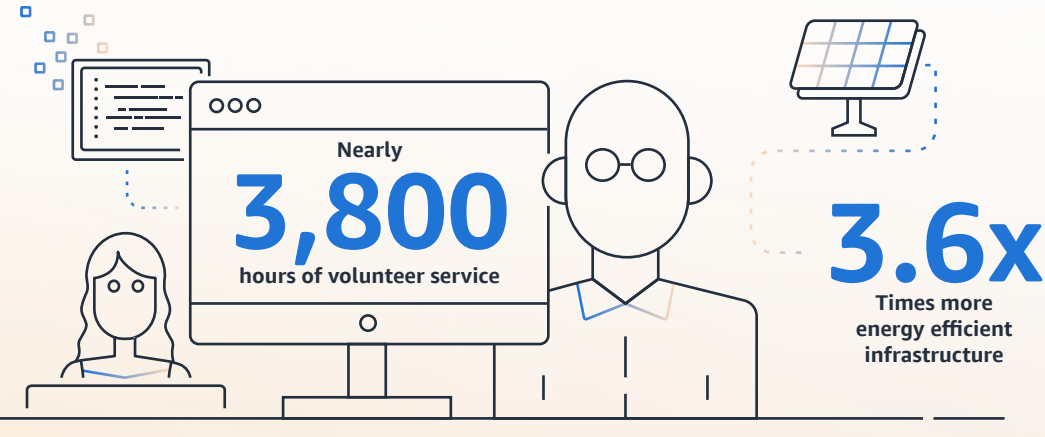Business personal property taxes paid by AWS in Virginia

AWS in the Community

AWS works with K-12 schools across Virginia 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 opened the world's first AWS Think Big Space at River Oaks Elementary in Woodbridge, Virginia in 2019. **The space is available to over 10,000 elementary students from 20 nearby Title 1 schools**, and provides an integrated environment where the furniture, technology, and curriculum work together to support interactive hands-on learning.

AWS employees come together to support their local community and are encouraged to make a positive, lasting impact. In Virginia, data center **employees contributed nearly 3,800 hours of volunteer service** in 2022.

Nearly 3,800
hours of volunteer service

3.6x
Times more energy efficient infrastructure

AWS Skills Development

In 2022, **AWS opened an** AWS Skills Center **in Arlington**, a space designed to bring cloud computing to life for the community and offering free cloud computing classes.

Amazon has **30+ active education and training programs in Virginia**, to help workers enter data center-related careers. For example, AWS re/Start, a free multi-week, cohort-based workforce development training program helps unemployed or underemployed individuals with little or no tech experience transition into cloud careers.

As another example, AWS and Sumitomo Electric Lightwave co-host AWS Fiber Optic Fusion Splicing Certificate Courses in collaboration with local community colleges, including Northern Virginia Community College and Mountain Empire Community College. These free, two-day training courses **provide participants with the skills to enter fiber optic installation and repair**.

AWS and Sustainability

Amazon is on a path to powering all operations, including AWS data centers, with 100% renewable energy by 2025. Once fully operational, Amazon's **18 solar farms in Virginia** are expected to provide enough energy to power 276,000 U.S. homes.

AWS infrastructure is **3.6 times more energy efficient** than the median U.S. enterprise data center, with more than two-thirds of this advantage due to a more efficient server population and higher server usage.

AWS will be water positive by 2030, **returning more water to communities than it uses in its direct operations**. 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.