

How Bitcoin Mining Can Contribute to the New York State Economy

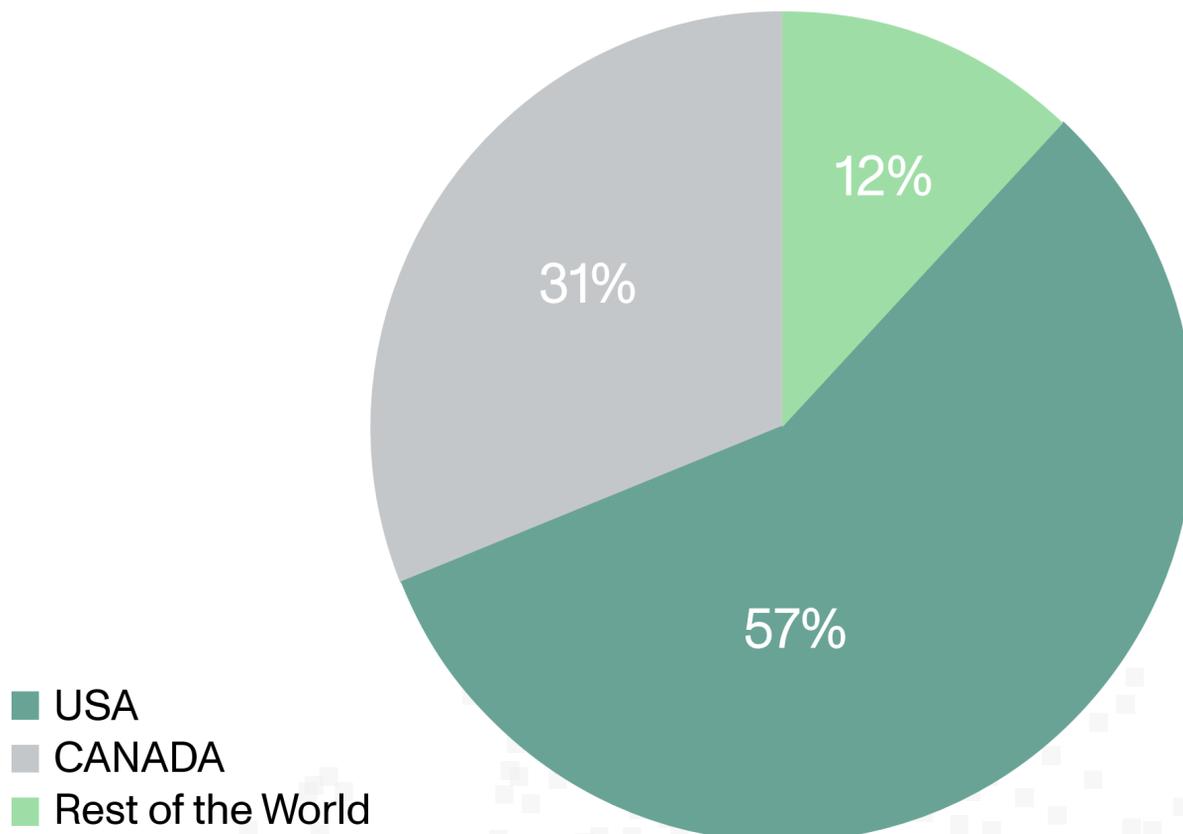
The Economic Potential of Bitcoin Mining for New York

Until very recently, 75% of global Bitcoin mining compute power —also called “hashrate”—was located in China, due in large part to its well-established technology infrastructure and abundant supply of cheap, renewable energy in remote regions such as Sichuan province. China outlawed crypto trading and mining because of the Chinese Communist Party’s aversion to economic activity operating outside the direct control of its vast internal censorship apparatus. For context, China has also banned many Western online services that promote free and uncensored exchange, such as Facebook, Twitter, BBC News, The New York Times, and Reuters, just to name a few.

The shift from China to the US provides an opportunity to make Bitcoin mining more sustainable by upgrading to the most energy-efficient processors and increasing investment in renewable energy resources.¹ Additionally, bitcoin mining is a boon for regions across New York, attracting high-tech jobs and high-tech investments, along with drawing the most innovative minds from New York’s universities. Foundry itself has a consistent track-record of hiring new graduates from universities throughout New York at top-tier starting salaries. Mining operations prefer areas with a steady supply of energy at low prices, and have been moving into places like Texas, Wyoming, Florida, and Upstate New York. Many municipalities have been actively courting mining operations for the proven benefits to local economies and infrastructure development.

¹Source: Jiang, S., Li, Y., Lu, Q. et al. Policy assessments for the carbon emission flows and sustainability of Bitcoin blockchain operation in China. Nature Communications 12, 1938 (2021).

Foundry client hashrate by country



69.72% of the hashrate and 71.68% of the energy consumption was from carbon neutral energy on Foundry USA Pool.

The total hashrate of Foundry USA Pool on September 30, 2021 was 13.5 EH/s and carbon neutral hashrate was 9.4 EH/s.

The estimated total energy consumption was 596 Megawatts and 427 Megawatts came from carbon neutral sources.

FAST FACTS

- Bitcoin mining operations create high-paying technology jobs in Upstate New York, attracting talent that is usually drawn to Silicon Valley and Silicon Alley. The average salary for a software engineer in Rochester is \$73,270 while a software developer at a typical bitcoin mining company can command a salary of \$120,000.
- Mining company growth: Foundry added nearly 100 high paying jobs in Rochester and western NY.
- Creating industry firsts in New York: Foundry USA Pool is now a top four mining pool in the world. This is the first time a North American based pool has reached the Top 5.

