Microsoft datacenters in

Wisconsin

Published September 2024. This document shares information we have as of the publication date, and it includes estimated information and projections. The information is provided as is and may change without notice.

Datacenters provide the physical infrastructure for the technology we depend on at work and in our personal lives

A datacenter building houses thousands of computer servers and data storage devices connected to the internet

These buildings are similar in size and appearance to a distribution warehouse.

Microsoft aims to build datacenters that are best in class in performance, reliability, safety, aesthetics, and sustainability.

Compared to many other industrial facilities, datacenters do not create significant noise pollution or have a significant impact on traffic flow or congestion.

Microsoft operates more than 300 datacenters in over 34 countries.

Datacenters are part of everyday life

Whenever you open an app on your phone, join a virtual classroom or meeting, snap and save photos, or play a game with your friends online, you are using a datacenter.

- Email
- Online shopping
- Mobile apps
- Online banking
- File storage
- Streaming videos

Take a virtual tour of a datacenter

Microsoft datacenters create local operations and construction jobs

Datacenter planning is currently underway in Wisconsin.

As of July 2024, the project has an average of **1,100 construction workers** on site daily. The project is expected to bring an influx of **2,300 union construction jobs** to the area by 2025.

We anticipate **2,000 jobs** for the completed phased datacenter development. We currently project approximately **500 full-time employees and contractors** will be hired for the first datacenter by end of 2026. We expect that number will continue to grow as the other datacenters become operational.

Datacenter operations

- Campus management
- People management
- Learning and development
- IT operations
- Mechanical engineers
- Electrical engineers
- Security contractors
- Building maintenance
- Critical environments

Construction jobs

- Electricians
- Plumbers and pipefitters
- Carpenters
- Structural iron and steel workers
- Concrete workers
- Earth movers

Find Microsoft jobs in your community

Taxes from Microsoft datacenter operations represent important revenue for national, regional, and local governments

Microsoft datacenters represent a capital-intensive investment and long-term commitment to the community. This investment grows the commercial property tax base, increasing revenue for municipal services that benefit local citizens.

Examples of country, provincial, and local taxes that support cities, municipal services, schools, and colleges include:

Property taxes

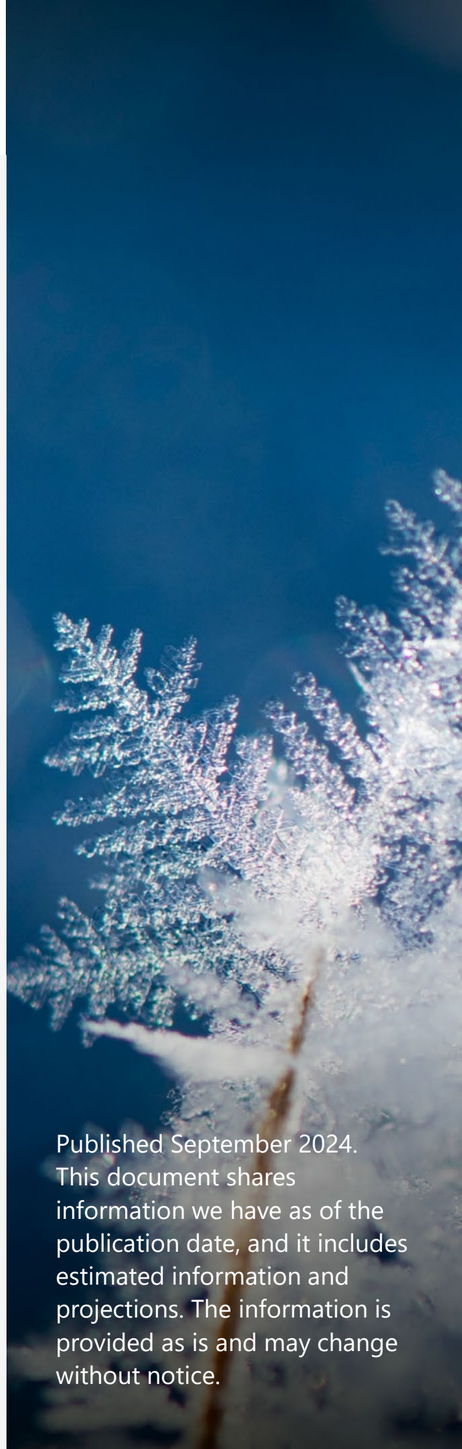
Collected annually once land is purchased.

Indirect taxes

From construction and operation expenses. Examples include VAT, GST, and sales tax.

Income taxes

From construction and operations workers.



Published September 2024. This document shares information we have as of the publication date, and it includes estimated information and projections. The information is provided as is and may change without notice.

Microsoft is investing in Wisconsin local priorities

Microsoft community investments support community-identified priorities across **4 projects** in Wisconsin.

Investing in people of all ages through local skill-building programs

Microsoft TechSpark Success Sets a National Model

The success of Microsoft TechSpark in Wisconsin in addressing the digital divide and promoting inclusive economic growth catalyzed local societal change. This has resulted in a more engaged community, demonstrating the power of technology, knowledge, resources, and support in solving local challenges. TechSpark helped upskill individuals and address the shortage of talent in the state.

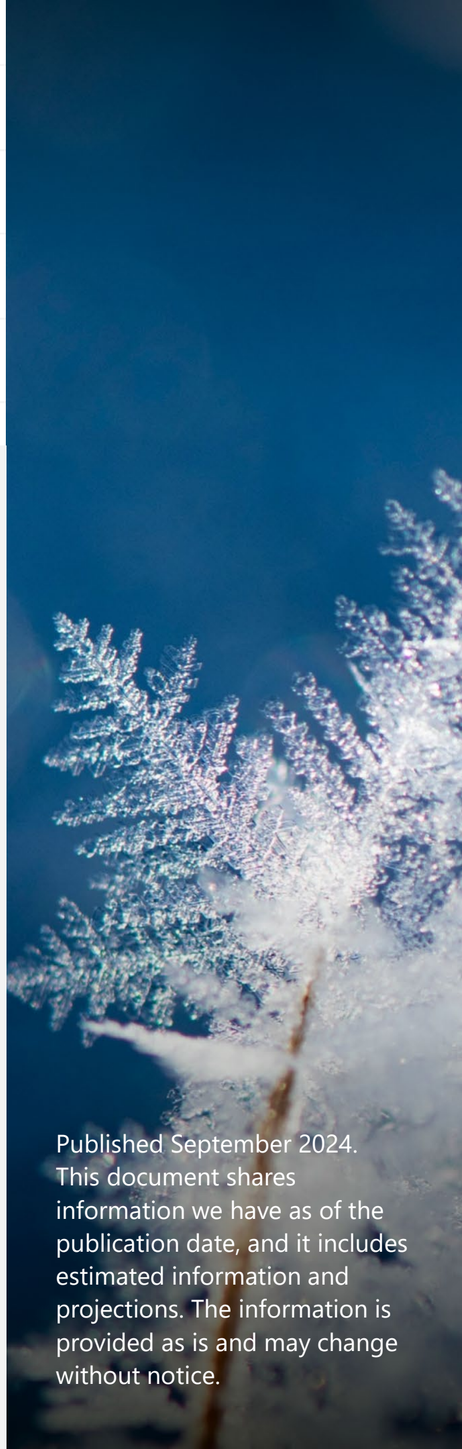
Learn more about Microsoft investments in Wisconsin

Partnering with environmental sustainability programs for local impact

Restoring watershed corridors in southeastern Wisconsin

Root-Pike Watershed Initiative Network (WIN) and Microsoft joined forces to restore prairie and wetland habitats in Racine County: Cliffside Park along the shores of Lake Michigan and Lamparek Creek in Mount Pleasant, Wisconsin. In September 2023, the Root-Pike WIN team kicked off wetland restoration at Cliffside Park. The restoration approach recreated open-water refuge and enhanced native flora to encourage migratory bird stopovers, boost pollinator foraging, and reduce sheet runoff to the eroding Lake Michigan Bluffs.

Learn more about these watershed projects



Published September 2024. This document shares information we have as of the publication date, and it includes estimated information and projections. The information is provided as is and may change without notice.

Microsoft global commitments

CARBON

Microsoft pledged to become carbon negative by 2030 and to remove historical carbon since its 1975 founding by 2050. Microsoft will reduce Scope 1 and 2 emissions to near zero through energy efficiency work and by reaching **100 percent renewable energy coverage by 2025**.

Microsoft has also committed by 2030 to:

- Be free of diesel.
- Match 100 percent of electricity consumption, 100 percent of the time, with zero-carbon energy purchases.
- Reduce our Scope 3 emissions by more than half.

WATER

In 2020, Microsoft pledged to be water positive for our direct operations by 2030.

Through this commitment, we will replenish the water consumed by datacenter operations in water-stressed regions.

WASTE

In 2020, Microsoft announced enhanced goals for waste reduction, circular supply chains, and zero-waste certification. We are working towards our goal of **90 percent reuse and recycle of servers and components by 2025** through our first-of-a-kind Microsoft Circular Centers.

Microsoft is using **circular economy** principles in our datacenters by implementing reuse and comprehensive recycling programs.

By 2030, Microsoft datacenters will be zero waste

ECOSYSTEMS

Microsoft has committed to **protecting more land than we use for direct operations by 2025**.

Microsoft is committed to community investment, pollution remediation, and fair economic inclusion initiatives, as well as investment in clean energy, broadband access, and water replenishment initiatives.

Published September 2024. This document shares information we have as of the publication date, and it includes estimated information and projections. The information is provided as is and may change without notice.

Wisconsin

Datacenter operations sustainability investments

We're committed to providing a sustainable Microsoft Cloud, so we wanted to share information about how we take responsibility for our datacenter operations.

For Microsoft datacenters located in Wisconsin we have included local sustainability investments and datapoints in support of meeting and exceeding our commitments around carbon, water, waste, and ecosystems.

Published September 2024. This document shares information we have as of the publication date, and it includes estimated information and projections. The information is provided as is and may change without notice.

CARBON

We've committed to have **100% renewable energy coverage globally by 2025.**

In Wisconsin, our datacenters will be designed for our backup generators to be powered by a **renewable biofuel that reduces net carbon emissions**.

WATER

Our datacenters use **direct evaporative cooling** (DEC) and **non-evaporative water-cooled chillers**. Water-cooled chillers use a closed-loop system where water remains in the system to be reused over time for cooling. DEC uses water for cooling **less than 10% of the year**.

This system is highly efficient, using less electricity and a fraction of water used by other water-based cooling systems, such as cooling towers.

WASTE

It takes five to six years from when a datacenter is operational to generate reusable assets. Once servers are ready to be decommissioned in this region, Microsoft is planning to use the closest available **Circular Center**.

Globally, Microsoft **reuses or recycles 90%+** of end-of-life assets.