

Comparison of total wind power generation over the years



Overview

Official statistics by year of wind power generation (TWh). The values are presented in tables and charts with calculations of changes and shares, and with extensive analytical functionality. u2028A total of 72,2 gigawatts . This TIE was updated August 14, 2024 and August 27, 2024 to correct the units. Electricity generation from wind established a new record in the United States in April, and wind generation exceeded coal-fired generation in both March and April, data from our July 2024 Monthly Energy Review show. Data source: Ember (2026); Energy Institute - Statistical Review of World Energy (2025) - Learn more about this data Measured in terawatt-hours. In 2024, the total wind power capacity installed worldwide surpassed 1. 59% of Global electricity comes from wind power. 6 . Its study showed that the best close-to-shore offshore wind sites globally could provide almost 36 000 TWh of electricity per year, which is very close to the global electricity demand projected for 2040.

Comparison of total wind power generation over the years



Wind Power by Country 2026

Wind power's total cumulative installed electricity generation capacity has increased rapidly since 2000, and continues to expand faster than any other form of energy.

The Wind Power

The Wind Power is a comprehensive database of detailed raw statistics on the rapidly growing sphere of wind energy and its supporting markets.



[U.S. wind generation hit record in April 2024, exceeding coal-fired](#)

Installed wind power generating capacity has increased substantially in the United States over the last 25 years, growing from 2.4 gigawatts (GW) in 2000 to 150.1 GW in April 2024.

WWEA Half-year Report 2025: Global Wind Power Growth

Global Wind Power Growth Accelerates in the First Half of 2025. The report can here be downloaded in pdf format.



13 Compelling Wind Energy Statistics & Facts

How does wind energy compare to other energy



Maps and Data

Using three different sources of data and turbine power calculated for more than 126,000 sites in the United States, the toolkit provides powerful information for the next generation of wind energy

sources, and what are its pros and cons? These comprehensive wind energy statistics and data, based on the latest 2026 research, will



Global wind power market

Find up-to-date statistics and facts on the global wind power market.

Wind power generation, 2025

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find more about Ember's methodology in this



Wind power generation. Data by Countries from 1978 to 2023

Official statistics by year of wind power generation (TWh). The values are presented in tables and charts with calculations of changes and shares, and with extensive analytical functionality.

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.bartstudio.biz>