

Renewable energy consumption data

Renewable energy consumption (% of total final energy consumption) | Data. CountryIndicator. Renewable energy consumption (% of total final energy consumption) IEA, IRENA, UNSD, World Bank, WHO. 2023. Tracking SDG 7: The Energy Progress Report.

In this interactive chart, we see the share of primary energy consumption that came from renewable technologies - the combination of hydropower, solar, wind, geothermal, wave, tidal, and modern biofuels. Traditional biomass - which can be an important energy source in lower-income settings is not included.

This input-equivalent primary energy takes account of the inefficiencies in energy production from fossil fuels and provides a better approximation of each source's share of energy consumption. You can find more details in the Statistical ...

Modern renewable sources (excluding traditional uses of biomass) have grown at a faster pace than global energy consumption, allowing the share of modern renewables in total final energy consumption to increase to 12.5% in 2020, from 11.4% in 2019.

Renewable energy statistics 2023 provides datasets on power-generation capacity for 2013-2022, actual power generation for 2013-2021 and renewable energy balances for over 150 countries and areas for 2020-2021.

IRENA helps analysts, policy makers and the public make informed decisions by providing access to comprehensive and up-to-date renewable energy data. IRENA publishes detailed statistics on renewable energy capacity, power generation and renewable energy balances.

Use, download and buy global energy data. Data explorers. Understand and manipulate data with easy to use explorers and trackers. Data sets ... This increase boosts the share of renewables in final energy consumption to nearly 20% by 2030, up from 13% in 2023. However, almost 75% of global energy demand will still be met by fossil fuels ...

Wind energy generation by region. Wind energy generation vs. installed capacity. Wind power generation. Measured in terawatt-hours of direct primary energy consumption. Traditional biomass refers to the consumption of fuelwood, forestry products, animal and agricultural wastes.

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