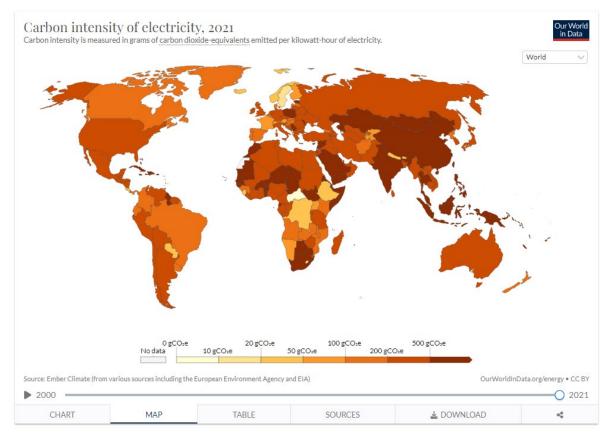
## Carbon intensity of electricity, 2021



## All our related research and data

- Energy: Key Charts
- The argument for a carbon price
- Missing Data on Energy: Our list of datasets that are needed but are not available

## Charts

- Absolute annual change in primary energy consumption
- Access to electricity vs. GDP per capita
- Annual change in coal energy consumption
- Annual change in fossil fuel consumption
- Annual change in gas consumption
- Annual change in hydropower generation
- Annual change in low-carbon energy generation
- Annual change in nuclear energy generation
- Annual change in oil consumption
- Annual change in primary energy consumption

- Annual change in renewable energy generation
- Annual change in solar energy generation
- Annual change in wind energy generation
- Annual percentage change in coal energy consumption
- Annual percentage change in fossil fuel consumption
- Annual percentage change in gas consumption
- Annual percentage change in hydropower generation
- Annual percentage change in low-carbon energy generation
- Annual percentage change in nuclear energy generation
- Annual percentage change in oil consumption
- Annual percentage change in renewable energy generation
- Annual percentage change in solar energy generation
- Annual percentage change in wind energy generation
- By world region: Number of people without clean fuels for cooking
- Changes in energy use vs. changes in GDP
- Changes in energy use vs. changes in GDP per capita
- Coal production per capita
- Consumption-based (trade-adjusted) energy use per person
- Consumption-based energy intensity per dollar
- Death rates per unit of electricity production
- Direct primary energy consumption from fossil fuels, nuclear and renewables
- Electricity access
- Electricity consumption from fossil fuels, nuclear and renewables
- Electricity demand
- Electricity generation
- Electricity generation from coal
- Electricity generation from fossil fuels
- Electricity generation from gas
- Electricity generation from low-carbon sources
- Electricity generation from oil
- Electricity production by source
- Electricity production by source
- Electricity production from fossil fuels, nuclear and renewables
- Energy consumption by source
- Energy embedded in traded goods as a share of domestic energy
- Energy imports and exports
- Energy intensity
- Energy intensity by sector
- Energy intensity of economies
- Energy intensity vs. GDP per capita
- Energy use per capita vs. share in extreme poverty
- Energy use per person
- Fossil fuel consumption
- Fossil fuel consumption per capita
- Fossil fuel consumption per capita
- Fossil fuel consumption per capita

- GDP per capita vs. energy use
- Gas consumption
- Global direct primary energy consumption
- Global primary energy consumption by source
- Global primary energy consumption by source
- Has country already reached SDG target on clean cooking fuels?
- Hypothetical number of deaths from energy production
- Installed global renewable energy capacity by technology
- Investment in renewable energy, by technology
- Levelized cost of energy by technology
- Long-term energy transitions
- Low-carbon electricity generation per capita
- Low-carbon energy consumption
- Modern renewable energy generation by source
- Net electricity imports
- Net energy embedded in traded goods
- Number of patents filed in sustainable energy
- Number of people with access to electricity
- Number of people with and without electricity access
- Number of people without access to electricity
- Number of people without access to electricity
- Oil production per capita
- Patents filed for carbon capture and storage technologies
- Patents filed for electric vehicle technologies
- Patents filed for energy storage technologies
- Patents filed for renewable energy technologies
- Per capita consumption of low-carbon energy
- Per capita consumption of low-carbon energy vs. GDP per capita
- Per capita electricity from fossil fuels, nuclear and renewables
- Per capita electricity generation
- Per capita electricity generation from fossil fuels
- Per capita electricity generation from gas
- Per capita electricity generation from hydropower
- Per capita electricity generation from nuclear
- Per capita electricity generation from oil
- Per capita electricity generation from renewables
- Per capita electricity generation from solar
- Per capita electricity generation from wind
- Per capita energy consumption from coal
- Per capita energy consumption from hydropower
- Per capita energy consumption from nuclear
- Per capita energy consumption from renewables
- Per capita energy consumption from solar
- Per capita energy consumption from wind
- Per capita energy from fossil fuels, nuclear and renewables
- Per capita fossil energy consumption vs. GDP per capita

- Per capita gas consumption
- Per capita generation of coal electricity
- Per capita oil consumption
- Per capita primary energy consumption by source
- Power outages in firms in a typical month
- Primary direct energy consumption by source
- Primary energy consumption
- Primary energy consumption by source
- Primary energy consumption by source
- Primary energy consumption by world region
- Primary energy consumption from fossil fuels, nuclear and renewables
- Primary energy consumption from hydropower
- Primary energy consumption from nuclear
- Primary energy consumption from renewables
- Primary energy consumption from solar
- Primary energy consumption from wind
- Primary energy mix in the United Kingdom
- Production vs. consumption-based carbon intensity of energy
- Production- vs. consumption-based energy use per person
- Production-based vs. consumption-based energy use
- Renewable energy investment
- Share of direct primary energy consumption by source
- Share of electricity from low-carbon sources
- Share of electricity production by source
- Share of electricity production by source
- Share of electricity production from coal
- Share of electricity production from fossil fuels
- Share of electricity production from gas
- Share of electricity production from hydropower
- Share of electricity production from nuclear
- Share of electricity production from renewable sources
- Share of electricity production from renewables
- Share of electricity production from solar
- Share of electricity production from wind
- Share of energy consumption by source
- Share of global primary energy consumption by source
- Share of land needed for electricity production if a country got all of its electricity from a single source
- Share of primary energy from coal
- Share of primary energy from fossil fuels
- Share of primary energy from gas
- Share of primary energy from hydroelectric power
- Share of primary energy from low-carbon sources
- Share of primary energy from nuclear
- Share of primary energy from oil
- Share of primary energy from renewable sources

- Share of primary energy from solar
- Share of primary energy from wind
- Share of primary energy that is low-carbon vs. GDP per capita
- Share of rural vs. urban population with electricity access
- Solar PV cumulative capacity
- Solar PV module prices vs. cumulative capacity
- The long-term energy transition in Europe
- The share of nuclear and renewables in total electricity production
- When will countries phase out coal power?
- Year-to-year change in primary energy consumption by source
- Year-to-year change in primary energy consumption from fossil fuels vs. low-carbon energy
- Year-to-year percentage change in primary energy consumption