



W / A / CO2 Emissions

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Fossil CO2 Emissions (2022)

38,521,997,860 tons

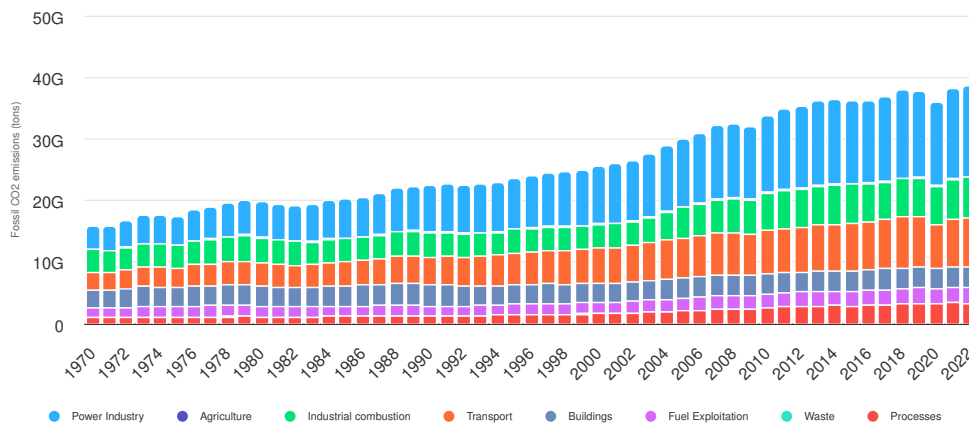
Change

+1.15%

Per capita

issions/co2-emissions-per-cap

CO2 emissions by Year (tons)



(https://

[See data table \(/co2-emissions/co2-emissions-by-year/\)](/co2-emissions/co2-emissions-by-year/)

What is a greenhouse gas?

A greenhouse gas (GHG) is any gaseous compound that is capable of absorbing and emitting infrared radiation, thereby allowing less heat to escape back to space, and 'trapping' it in the lower atmosphere.

The major greenhouse gases in Earth's atmosphere are water vapor, **carbon dioxide (CO2)**, methane (CH4), nitrous oxide (N2O) and ozone (O3).

Carbon Dioxide (CO2) Emissions by Country

[See full table \(/co2-emissions/co2-emissions-by-country/\)](/co2-emissions/co2-emissions-by-country/)

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#	Country	CO2 Emissions (tons, 2022)	are