Data Set

CO_2 emissions; CO_2 direct and indirect emissions per unit of output by industry and by country. CO_2 emissions by industry, in aggregate terms and in terms of output by industry.

Annual country-level estimates for 66 countries for the three indicators are presented by the industry for 45 industries, for the years 1995-2018.

CO_2 emissions from fuel consumption are in millions of metric tons of CO_2.
CO_2 emissions intensities are in metric tons of CO_2 emissions per $1 million USD of output.
CO_2 emissions multipliers are in metric tons of CO_2 emissions per $1 million USD of output.

Category: Economic Activity Indicators

Data series:

CO2 emissions
CO2 emissions intensities
CO2 emissions multipliers

Metadata:
Input-Output tables and Carbon Emissions for 66 Countries and 45 industries have been taken from the OECD's compilation of indicators on "Carbon dioxide emissions embodied in international trade" (2021 ed.) which rode in embodied CO_2 (TeCO2) Database.
In this release of TeCO2 sourced from OECD, emissions from fuels used for international aviation and maritime transport (i.e. aviation and marine bunkers) are also considered.
The data series "CO_2 emissions, emission intensities; emission multipliers" was earlier referred to as "Carbon emissions from fuel combustion per unit of output" in the previous vintage of the Climate Change Indicator Dashboard.

Methodology:
CO_2 emission intensities are calculated by dividing the CO_2 emissions from fuel consumption by output from the OECD Inter-Country Input-Output (ICIO) Tables and multiplying the result by 1 million for scaling purposes. CO_2 emission multipliers are calculated by multiplying the Leontief inverse (also known as output multipliers matrix) from the OECD Inter-Country Input-Output (ICIO) Tables by the CO_2 emission intensities.

CO2 emissions dataset in USA: a statistical analysis, using Python

Extracting information from CO2 emissions dataset

Glo**bal Energy & CO_2 Data brings you the most** comprehensive **and** up-to-date **energy database, providing** data **and** trends **for** all energies **by sector as well as emissions for 186 countries. This database leverages the most reputable national and international information sources.**

Through an exclusive update recognized expertise**, Enervate provides a** comprehensive set of statistics and indicators **on decarburization, electrification, global supply, demand and prices for all energies as well as GHG emissions by sector.**