Group 39 - Metadata Guide

**Original Data File:**

owid-co2-data.csv

*CO₂ and Greenhouse Gas Emissions*

**Citation:**

Hannah Ritchie, Max Roser and Pablo Rosado (2020) - "CO₂ and Greenhouse Gas Emissions". Published online at OurWorldInData.org. Retrieved from: 'https://ourworldindata.org/co2-and-greenhouse-gas-emissions' [Online Resource]

The dataset is built upon a number of datasets and processing steps that are all described in Our World in Data’s repository linked in the Metadata folder, labeled Owid-master.

**Date of first download:**

October 16, 2023

**How can I obtain a copy of this data?**

1. To access Our World in Data CO2 and Greenhouse Gas Emissions dataset, visit their repository on GitHub with the following link: <https://github.com/owid/co2-data>
2. Under the README section of the repository, scroll down to the heading “Download our complete Greenhouse Gas Emissions dataset,” and select the csv file type.

**Additional Information:**

All additional information regarding the original *CO₂ and Greenhouse Gas Emissions* file exists in other documents that are attached in the Metadata folder. The codebook is labeled ‘owid-co2-codebook.csv,’ while a copy of the Owid repository is stored in the Metadata folder, labeled ‘Owid-master.’ Here, the user guide and other important information is stored regarding the dataset including: detailing dataset sources, processing steps, construction of variables, etc.

**Original Data File:**

WEO\_Data.xls

*World Economic Outlook database: October 2023*

**Citation:**

International Monetary Fund (IMF): World Economic Outlook Database: October 2023. Published online at IMF.org. Retrieved from: https://www.imf.org/en/Publications/WEO/weo-database/2023/October/' [Online Resource]

**Date of first download:**

October 16, 2023

**How can I obtain a copy of this data?**

1. To access the general World Economic Outlook Database, visit the homepage for the database using the following link: <https://www.imf.org/en/Publications/WEO/weo-database/2023/October>
2. To query the database to include the specific parameters needed, follow these steps:

By countries -> all countries -> select all -> continue -> select the following:

* Gross domestic product per capita, current prices (U.S. Dollars)
* Total investment (Percent of GDP)
* Inflation, average consumer prices (Index)
* Inflation, average consumer prices (Percent change)
* Volume of imports of goods and services (Percent change)
* Volume of Imports of goods (Percent change)
* Volume of exports of goods and services (Percent change)
* Volume of exports of goods (Percent change)
* Unemployment rate (Percent of total labor force)
* Population (Persons)
* General government revenue (Percent of GDP)
* General government total expenditure (Percent of GDP)
* General government net lending/borrowing (Percent of GDP)
* General government net debt (Percent of GDP)
* Current account balance (U.S. Dollars)

Continue -> 2020-2020 -> prepare report -> download report

1. Another option to access the specified file is to follow the link below, where all of the parameters of already been selected and the query has been complete: [https://www.imf.org/en/Publications/WEO/weo-database/2023/October/weo-report](https://www.imf.org/en/Publications/WEO/weo-database/2023/October/weo-report?c=512,914,612,171,614,311,213,911,314,193,122,912,313,419,513,316,913,124,339,638,514,218,963,616,223,516,918,748,618,624,522,622,156,626,628,228,924,233,632,636,634,238,662,960,423,935,128,611,321,243,248,469,253,642,643,939,734,644,819,172,132,646,648,915,134,652,174,328,258,656,654,336,263,268,532,944,176,534,536,429,433,178,436,136,343,158,439,916,664,826,542,967,443,917,544,941,446,666,668,672,946,137,546,674,676,548,556,678,181,867,682,684,273,868,921,948,943,686,688,518,728,836,558,138,196,278,692,694,962,142,449,564,565,283,853,288,293,566,964,182,359,453,968,922,714,862,135,716,456,722,942,718,724,576,936,961,813,726,199,733,184,524,361,362,364,732,366,144,146,463,528,923,738,578,537,742,866,369,744,186,925,869,746,926,466,112,111,298,927,846,299,582,487,474,754,698,&s=NGDPDPC,NID_NGDP,PCPI,PCPIPCH,TM_RPCH,TMG_RPCH,TX_RPCH,TXG_RPCH,LUR,LP,GGR_NGDP,GGX_NGDP,GGXCNL_NGDP,GGXWDN_NGDP,BCA,&sy=2020&ey=2020&ssm=0&scsm=1&scc=0&ssd=1&ssc=0&sic=0&sort=country&ds=.&br=1)

**Additional Information:**

All additional information regarding the original *World Economic Outlook database* file exists in other documents that are attached in the Metadata folder. Specifically, the codebook is labeled ‘WEO variables codebook.xlsx,’ and in the file ‘weooct2023-sdmx-dsd.xlsx’ extra information regarding the datasets units, concepts, and labeling choices is mentioned. In addition, the file ‘statsappendix.pdf’ was taken from the IMF and includes general information concerning data collection methods and countries represented in the dataset.