



**United Nations**

Department of Economic and Social Affairs  
Statistics

# SDGs Data Lab

# SDG Lab

The SDG Lab is an online platform established by UNSD to: -

1. allow the exchange of SDG indicators data and metadata by countries and custodian agencies with UNSD.
  - Data uploaded in SDMX format only; either from a RESTful API or by file upload.
2. allow the comparison of national data provided by countries against global data provided by the custodian agencies.
  - Aimed at increasing transparency, improving international comparability and data availability.
  - In order to achieve this objective metadata must accompany the data to explain difference that might exist.
3. gradually replace other forms of data submission from custodian agencies and countries to the UNSD.

# SDG Lab

- The **SDG Lab** is one component of a set of interlinked SDGs systems
- Other components are:-
  - **SDG Processing System (SDGCR)** - internal system used by UNSD to compile and publish data submitted by custodian agencies.
  - **SDG API** – disseminates published global SDG data; offers direct consumption by other systems.
  - **SDG SDMX API** – disseminates global SDG data in SDMX format.
  - **SDG Dissemination interface** – online platform used to disseminate data in Excel and CSV formats.

# SDG Lab Functionality

## 1. Data submission

- a) Accepts data in SDMX-ML 2.1 format from either a file or RESTful API.
- b) SDMX data must comply to the global DSD. Validates the submitted messages.
- c) Gateway for submission of global data to the internal processing system

## 2. Data Comparison

- a) Dynamically pulls the published global data from the SDGCR
- b) Offers Visualization and Comparison of Global versus National data
- c) Provide download facilities for further offline analysis.

## 3. Access

- a) Access to the SDG Lab is currently restricted
- b) 5 Access levels i.e. Admin, Country, Agency, UNSD, Other

## 4. Metadata

- a) Compiles SDG Metadata and links it the data.
- b) Emphasis is on the explanation of differences

# Demo

<https://unstats.un.org/SDGLab>



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DESA  
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Thank you.