INNOVATION IN EXCHANGING AND DISSEMINATING FAO SDG DATA: THE FAO DATA EXPLORER

25 October 2023
11:00 – 12:00 (Rome time)
The “FAODATA explorer” is FAO's new dissemination platform to access, filter, explore, download and share FAO statistics. The platform is currently a beta version as it is under development and will gradually be populated with existing FAO statistics on food, agriculture, nutrition, fisheries and aquaculture currently disseminated through FAOSTAT and FishSTAT.

Note to users: As for now, FAODATA explorer (Beta version) includes SDG data of the 21 indicators under FAO custodianship, also disseminated in FAOSTAT and the UN Global SDG Database.

Your feedback and suggested improvements on the new platform are welcome. Please contact: data-explorer@fao.org
The .Stat Suite is a standard-based, componentised, open-source platform for the efficient production and dissemination of high-quality statistical data. The product is based on the General Statistical Business Process Model (GSSBM) and the Statistical Data and Metadata eXchange (SDMX) standards.

The .Stat Suite has three main modules:

- **.Stat Data Explorer**: a web-based application to easily find, access, and share data through a well-tuned navigation. Powered by the open-source platform .Stat Suite for the dissemination of official statistics. Read more...

- **.Stat Core**: a highly performing, secure SDMX-native Data Store based on standard protocols, to store and retrieve statistical data, structural and referential metadata, data process information and security settings. Read more...

- **.Stat Data Lifecycle Manager**: a set of adaptive back-office modules to efficiently and timely produce and (re-)use high quality statistical data by defining, running, automating, controlling and evaluating the underlying data processes. Read

ISO 17369:2013
Statistical data and metadata exchange (SDMX)
WORKFLOW, PROCESSES AND IT TOOLS BASED ON SDMX

**Data and metadata inputs**

- Master Data Management tool (Corporate standard classifications structural metadata)
- Statistical Working System and other data systems (Data source)

**Processes**

- Collect, process and aggregate
  - Collect
  - Compile
  - Validate
  - Analyze
  - Derive
  - Aggregate

- Analyze
- Design
- Transform
- Map
- Validate
- Internal share
- Update

- Derive
- Update

- Collect, process and aggregate
- Integrate and maintain
- Disseminate and report

**Statistical Data Warehouse (internal)**

- M&D Manager
  - Full management of SDMX structures and data
  - Transfer of DSD and SDMX Structures
  - Export of data in SDMX

**FAODATA explorer (external)**

- Dissemination of data & metadata
- Reporting of SDG data to Global SDG database (UNSD)
DISSEMINATION AND REPORTING OF FAO SDG DATA

- For the past year, and by leveraging the structured data and tools based on SDMX standard to perform processes of data quality assurance/validation, the quality and consistency has substantially improved.

- In compliance with the Global SDG DSD, FAO started data transmission to the SDG Global Database (UNSD) through API, leaving behind the earlier practice of sending Excel files as email attachments.

- FAO is in continuous discussion with UNSD and IAEG-SDG WG-SDMX to streamline and tailor data transmission in response to changing data methodologies.
DISSEMINATION AND REPORTING OF FAO SDG DATA

- Data on the 21 indicators under FAO custodianship are disseminated through around 60 different datasets.

- For completeness of information, most indicators are disseminated through more than one dataset. For example, an indicator may be disseminated separately as a number and as a proportion, or the numerator and denominator also disseminated separately.
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شكرا
多謝
Merci
Thank You
Благодарю
¡Muchas Gracias!