

UNSD Environmental Indicators

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Summary

UNSD Environmental Indicators disseminate global environment statistics on ten indicator themes compiled from a wide range of data sources. The themes and indicator tables were selected based on the current demands for international environmental statistics and the availability of internationally comparable data. Indicator tables, charts and maps with relatively good quality and coverage across countries, as well as links to other international sources, are provided under each theme.

Environment statistics is still in an early stage of development in many countries, and data are often sparse. The indicators selected here are those of relatively good quality and geographic coverage. Information on data quality and comparability is given at the end of each table together with other important metadata.

IFs uses UNSD Environmental Indicators to pull data related to wastewater and how populations are connected to wastewater, such as SeriesWasteWaterTreat%, SeriesWasteWaterSecTreat%, and SeriesWasteWaterCollect%.

Pulling Instructions

Step 1) Navigate to the UNSD Environmental Indicators homepage.

The screenshot shows the UNSD Environmental Indicators homepage. At the top, there is a navigation bar with the United Nations logo and the text 'United Nations > Department of Economic and Social Affairs > Statistics Division'. Below this is a blue header with the 'Statistics Division' logo and a menu with 'TOPICS', 'DATA', 'METHODOLOGY', 'EVENTS', 'PUBLICATIONS', and 'ABOUT'. The main content area is titled 'Environment Statistics' and 'Work Programme > Data'. The main heading is 'UNSD Environmental Indicators'. Below this, there is a paragraph of text: 'UNSD Environmental Indicators disseminate global environment statistics on ten indicator themes compiled from a wide range of data sources. The themes and indicator tables were selected based on the current demands for international environmental statistics and the availability of internationally comparable data. Indicator tables, charts and maps with relatively good quality and coverage across countries, as well as links to other international sources, are provided under each theme.' Below this paragraph, there is a smaller paragraph: 'Statistics on Water and Waste are based on official statistics supplied by national statistical offices and/or ministries of environment (or equivalent institutions) in response to the biennial UNSD/UNEP Questionnaire on Environment Statistics, complemented with comparable statistics from OECD and Eurostat, and water resources data from FAO Aquastat. Statistics on other themes were compiled by UNSD from other international sources. In a few cases, UNSD has made some calculations in order to derive the indicators. However, generally no adjustments have been made to the values received from the source. UNSD is not responsible for the quality, completeness/availability, and validity of the data.' At the bottom left, there is a URL: 'https://unstats.un.org/unsd/envstats/'. On the right side, there is a 'Recent updates' section with a list of items: 'Tenth Meeting of the Expert Group on Environment Statistics new', 'ENVSTATS newsletter #53', 'Statistical Commission 54th session', 'Statistical Commission Reports', and 'Side event (54th session of the UN Statistical Commission)'. Below this is a 'Climate Change Statistics' section with a link to 'Global Set of Climate Change Statistics and Indicators'.

UNSD Environmental Indicators Homepage

Step 2) Scroll down to see the different themes that the UNSD has data series on. Themes are listed on the left and the datasets under that theme appear in the center.

- Air and Climate
- Biodiversity
- Energy and Minerals
- Forests
- Governance
- Inland Water Resources **new**
- Land and Agriculture
- Marine and Coastal Areas
- Natural Disasters **new**
- Waste **new**

Air Pollution

- Consumption of ozone-depleting substances **XLS**
- NO_x emissions **XLS**
- SO₂ emissions **XLS**
- Links to other international data sources

Climate Change

- Climatological disasters (see Natural Disasters)
- Participation in climate change agreements (see Governance)
- Links to other international data sources

Greenhouse Gases

- CO₂ emissions **XLS**
- Greenhouse gas emissions **XLS**
- Greenhouse gas emissions by sector (absolute values) **XLS**
- Greenhouse gas emissions by sector (percentage) **XLS**
- CH₄ and N₂O emissions **XLS**
- Links to other international data sources

Implementation Guidelines (pre-edited text subject to official editing) **new**

FDES 2013

- Basic Set of Environment Statistics
- FDES 2013 brochure
- Blueprint for Action
- Environment statistics compendia
- Environment Statistics Self-Assessment Tool
- Framework for the Development of Environment Statistics (FDES 2013)
- SDG indicators + Basic Set (FDES) matrix
- Manual on the Basic Set of Environment Statistics

Expert Group on Environment Statistics

Quick links

- ENVSTATS newsletters
- Brochure on Environment Statistics
- Climate Change Statistics
- Frequently asked questions
- Reports to the Statistical Commission
- Environmental accounting
- National data sources

UNSD Datasets

Step 3) Most data for IFs will be under "Inland Water Resources". Select that option and a new list of data will load.

- Air and Climate
- Biodiversity
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- Forests
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- Natural Disasters **new**
- Waste **new**

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Select Desired Topic

Step 4) Click directly on the desired series. This example will use "Population connected to wastewater treatment".

Inland Water Resources

- Actual evapotranspiration [XLS](#)
- Fresh groundwater abstracted [XLS](#)
- Fresh surface water abstracted [XLS](#)
- Freshwater abstracted [XLS](#)
- Freshwater abstracted as proportion of renewable freshwater resources [XLS](#)
- Inflow of surface and groundwaters from neighbouring countries [XLS](#)
- Internal flow [XLS](#)
- Net freshwater supplied by water supply industry [XLS](#)
- Net freshwater supplied by water supply industry to households [XLS](#)
- Non-treated wastewater [XLS](#)
- Population connected to wastewater collecting system [XLS](#)
- Population connected to wastewater treatment [XLS](#)
- Population connected to at least secondary wastewater treatment [XLS](#)
- Precipitation [XLS](#)
- Renewable freshwater resources [XLS](#)
- Renewable freshwater resources per capita [XLS](#)
- Total population supplied by water supply industry [XLS](#)
- Wastewater generated [XLS](#)
- Wastewater generation and treatment (latest year) [XLS](#)
- Wastewater treated in independent treatment facilities [XLS](#)
- Wastewater treated in other treatment plants [XLS](#)
- Wastewater treated in urban wastewater treatment plants [XLS](#)
- Water resources (latest year) [XLS](#)
- Water supply industry (latest year) [XLS](#)

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Quick links

- ENVSTATS newsletters
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- Climate Change Statistics
- Frequently asked questions
- Reports to the Statistical Commission
- Environmental accounting
- National data sources
- International and regional data sources

Inland Water Resources Data

Step 5) An Excel file will immediately download. Now you can format the data to upload it into IFs. To import data into IFs, please follow the instructions found in the Importing Data (general instructions) page.

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