DESTATIS Statistisches Bundesamt | SUSTAINABLE DEVELOPMENT GOALS

SDG Goal 7	**Affordable and clean energy**
SDG Target 7.1	**By 2030, ensure universal access to affordable, reliable and modern energy services**
SDG Indicator 7.1.1	**Proportion of population with access to electricity**
Time series	**Population with access to electricity**

1. General information on the time series

- Date of national metadata: 7 December 2022
- National data: http://sdg-indicators.de/7-1-1/
- Definition: The time series measures the percentage of the population that has access to electricity based on an estimate of the World Bank.
- Disaggregation: Not available.

2. Comparability with the global metadata

- Date of global metadata: March 2023
- Global metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-07-01-01.pdf
- The time series is compliant with the global metadata.

3. Data description

- According to the Energy for All report, for high-income countries with a gross national income of more than 12,276 US dollar per capita, it is assumed to have achieved a 100 percent rate of access to electricity.

4. Access to data source

- Access to electricity – World Bank, Sustainable Energy for All (SE4ALL) database: https://data.worldbank.org/indicator/EG.ELC.ACCS.ZS?page=1

5. Metadata on source data

- Metadata on access to electricity: https://databank.worldbank.org/reports.aspx?source=2&type=metadata&series=EG.ELC.ACCS.ZS

6. Timeliness and frequency

- Timeliness: Not applicable.
- Frequency: Annual

7. Calculation method

- Unit of measurement: Percentage
- Calculation:

Not applicable.

SDG Goal 7	Affordable and clean energy
SDG Target 7.1	By 2030, ensure universal access to affordable, reliable and modern energy services
SDG Indicator 7.1.1	Proportion of population with access to electricity
Time series	Households and small-sized enterprises connected to the electricity network

1. General information on the time series

- Date of national metadata: 7 December 2022
- National data: http://sdg-indicators.de/7-1-1/
- Definition: The time series measures the number of households and small-sized enterprises connected to the electricity network. The definition of a household follows the definition of the Bundesnetzagentur.
- Disaggregation: Not available.

2. Comparability with the global metadata

- Date of global metadata: March 2023
- Global metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-07-01-01.pdf
- The time series is not compliant with the global metadata, but provides additional information. The definition of a household differs from the global metadata since also small-sized enterprises are included.

3. Data description

- The data is derived from the annual monitoring reports of the Bundesnetzagentur. The Bundesnetzagentur gets the number of household connections from the electricity distributors, but a number of small distributors are disregarded in the data collection process. In the reports, household customers are defined according to section 3 paragraph 22 of the Energy Industry Act (EnWG) as final consumers who purchase energy primarily for their own household consumption or for their own consumption for professional, agricultural or commercial purposes not exceeding an annual consumption of 10,000 kilowatt hours. Hence, also small-sized enterprises are included under the definition in the Energy Industry Act.

4. Access to data source

- Monitoring Report: https://www.bundesnetzagentur.de/EN/Areas/Energy/DataCollection_Monitoring/start.html;jsessionid=92E66A9D1E9FE9679DB40EFE8EBB7503

5. Metadata on source data

- Monitoring Report: https://www.bundesnetzagentur.de/EN/Areas/Energy/DataCollection_Monitoring/start.html;jsessionid=92E66A9D1E9FE9679DB40EFE8EBB7503

6. Timeliness and frequency

- Timeliness: Not available.
- Frequency: Annual

7. Calculation method

- Unit of measurement:
- Calculation:

Not applicable.