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

1. Name of data series
Population with access to electricity
Compliant with SDG metadata: yes   **SDG Metadata**

2. Definition of indicator
The indicator measures the percentage of the population that has access to electricity based on an estimate of the World Bank.
3. Comparison with SDG metadata (as of 10/11/2016)
The estimation is in line with the SDG metadata

4. 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.
5. Calculation method
Not applicable

6. Unit of measure	%

7. Timeliness	8. Frequency
Not applicable	Annual
9. Last regular revision	10. Revised period
Not applicable	Not applicable

11. Accessibility of source data
Not applicable
12. Metadata on source data
Not applicable
13. Related SDG data series (duplicate indicators or sub-indicators to same indicator)
Not applicable

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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

1.   Name of data series
Households and small-sized enterprises connected to the electricity network
Compliant with SDG metadata: no   **SDG Metadata**

2.   Definition of indicator
The indicator 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.
3.   Comparison with SDG metadata (as of 10/11/2016)
The definition of a household differs from the SDG metadata since also small-sized enterprises are included.

4.   Data description
Data stems 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.
5.   Calculation method
Households connected to the electricity network = $\sum$ Households having a connection to the electricity network

6. Unit of measure	Number of households

7. Timeliness	8. Frequency
Not available	Annual
9. Last regular revision	10. Revised period
Not applicable	Not applicable

11. Accessibility of source data
Monitoring reports of the Bundesnetzagentur:

https://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/DatenaustauschundMonitoring/Monitoring/Monitoringberichte/Monitoring_Berichte_node.html

12. Metadata on source data
Information on the number of electricity distributors included in the survey and other specification can be found in the monitoring reports:

https://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/DatenaustauschundMonitoring/Monitoring/Monitoringberichte/Monitoring_Berichte_node.html

13. Related SDG data series (duplicate indicators or sub-indicators to same indicator)
Not applicable

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