

SDG Goal 5

Gender equality

SDG Target 5.b

Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women

SDG Indicator 5.b.1

Proportion of individuals who own a mobile telephone, by sex

Time series

Private households with at least one mobile phone

1. General information on the time series

- Date of national metadata: 01 June 2022
- National data: <http://sdg-indikatoren.de/en/5-b-1/>
- Definition: The time series measures the share of private households with at least one mobile phone.
- Disaggregation: Not available.

2. Comparison with global metadata

- Date of global metadata: August 2021
- Global metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-05-0b-01.pdf>
- The time series is not compliant with the global metadata, but provides additional information. It reports at private household level, not at individual level.

3. Data description

- The data is part of the “Laufende Wirtschaftsrechnungen”(LWR). The LWR is a household survey conducted by the Federal Statistical Office.

4. Accessibility of source data

- Equipment of households: reference date, consumer durables – GENESIS online 63111-0001: <https://www-genesis.destatis.de/genesis//online?operation=table&code=63111-0001&bypass=true&language=en>

5. Metadata on source data

- Quality Report - Current Economic Accounts 2019 (only available in German): <https://www.destatis.de/DE/Methoden/Qualitaet/Qualitaetsberichte/Einkommen-Konsum-Lebensbedingungen/laufende-wirtschaftsrechnungen-2019.pdf>

6. Timeliness and frequency

- Timeliness: third quarter of the reference year
- Frequency: Annual

7. Calculation method

- Unit of measurement: Percentage
- Calculation method:

$$\text{Private households with at least one mobile phone} = \frac{\text{Private households with at least one mobile phone [number]}}{\text{Private households in survey [number]}} \cdot 100 [\%]$$

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Proportion of individuals who own a mobile telephone, by sex

Time series

Mobile penetration rate

1. General information on the time series

- Date of national metadata: 01 June 2022
- National data: <http://sdg-indikatoren.de/en/5-b-1/>
- Definition: The time series measures the number of active SIM cards in relation to the total population. SIM cards are defined as active if they have been used for communication in the last three months or if an invoice has been generated for the SIM card in this period.
- Disaggregation: Not available.

2. Comparison with global metadata

- Date of global metadata: August 2021
- Global metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-05-0b-01.pdf>
- The time series is not compliant with the global metadata, but provides additional information. It only gives the total number of active SIM cards and does not cover the distribution in the population.

3. Data description

- The data are of the annual report of the Bundesnetzagentur. One of the responsibilities of the Bundesnetzagentur is the regulation of the telecommunications market. Part of the regulation is an annual report, which gives an overview of the current market situation.

4. Accessibility of source data

- Annual Report:
https://www.bundesnetzagentur.de/EN/General/Bundesnetzagentur/Publications/publications_node.html

5. Metadata on source data

- Not available.

6. Timeliness and frequency

- Timeliness: t + 8 months
- Frequency: Annual

7. Calculation method

- Unit of measurement: Percentage
- Calculation method:

$$\text{Mobile penetration rate} = \frac{\text{Active SIM cards}[\text{number}]}{\text{Population}[\text{number}]} \cdot 100 [\%]$$