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	Mobile penetration rate

1. General information on the time series

- Date of national metadata: 13 December 2021
- National data: http://sdg-indicators.de/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. Comparability with the UN metadata

- Date of UN metadata: July 2024
- UN metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-05-0b-01.pdf
- The time series is not compliant with the UN 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 is 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 a annual report, which gives an overview of the current market situation.

4. Access to data source

- Annual Report Telecommunication (only available in German): https://www.bundesnetzagentur.de/DE/Allgemeines/Presse/Mediathek_3/start.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:

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

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: 22 December 2021
- National data: http://sdg-indicators.de/5-b-1/
- Definition: The time series measures the share of private households with at least one mobile phone.
- Disaggregation: Not available.

2. Comparability with the UN metadata

- Date of UN metadata: July 2024
- UN metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-05-0b-01.pdf
- The time series is not compliant with the UN 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. Every 5 years (from 2008), the data comes from the Sample surveys of income and expenditure (SIE).

4. Access to data source

- Equipment of households (Continuous household budget surveys): reference date, consumer durables – GENESIS online 63111-0001: https://www-genesis.destatis.de/genesis//online?operation=table&code=63111-0001&bypass=true&language=en
- Equipment of households (SIE): reference date, consumer durables – GENESIS online 63211-0001: https://www-genesis.destatis.de/genesis//online?operation=table&code=63211-0001&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:

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