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: 01 September 2021
- National data: http://sdg-indikatoren.de/en/5-b-1/
- Definition: The time series measures the number of SIM cards in relation to the total population.
- Disaggregation: Not available.

2. Comparison with global metadata

- Date of global metadata: July 2016
- 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 SIM cards and does not cover the distribution in the population.

3. Data description

- The data are part 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. 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: %
- Calculation method:

$$\text{Penetration rate mobile communication} = \frac{\text{SIM cards [number]}}{\text{Population [number]}} \cdot 100\,[\%]$$

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: 01 September 2021
- 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: July 2016
- 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 are part of the "Laufende Wirtschaftsrechnungen"(LWR). The LWR is a household survey, which is 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 of Ausstattung privater Haushalte mit ausgewählten Gebrauchsgütern (only available in German):
"Laufende Wirtschaftsrechnungen (LWR)"
https://www.destatis.de/DE/Methoden/Qualitaet/Qualitaetsberichte/Einkommen-Konsum-Lebensbedingungen/einfuehrung.html

6. Timeliness and frequency

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

7. Calculation method

- Unit of measurement: %
- Calculation method:

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