

SDG Goal 17

Partnerships for the goals

SDG Target 17.6

Enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge-sharing on mutually agreed terms, including through improved coordination among existing mechanisms, in particular at the United Nations level, and through a global technology facilitation mechanism

SDG Indicator 17.6.1

Fixed broadband subscriptions per 100 inhabitants, by speed

Time series

Fixed internet broadband access lines

1. General information on the time series

- Date of national metadata: 17 December 2021
- National data: <http://sdg-indicators.de/17-6-1/>
- Definition: The time series measures the fixed Internet broadband access lines, expressed per 100 inhabitants (population as of 31 December of the reference year).
- Disaggregation: speed

2. Comparability with the UN metadata

- Date of UN metadata: July 2024
- UN metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-17-06-01.pdf>
- The time series is compliant with the UN metadata.

3. Data description

- The data is part of the annual report of the Bundesnetzagentur. It is based on the obligatory reporting of all providers of fixed internet broadband in Germany to the Bundesnetzagentur.

The population data comes from the intercensal population updates, the basis of which is the last census conducted in 2011. The population data is rolled forward using statistical results on natural population change (births, deaths) and migrations. For 2010, the population was calculated backwards using the 2011 census and migration, birth and death statistics.

4. Access to data source

- Annual Report Telecommunication (only available in German):
https://data.bundesnetzagentur.de/Bundesnetzagentur/SharedDocs/Mediathek/Berichte/2023/24051_5_JB_TK_23_web_barrierefrei.pdf
- Broadband monitor (only available in German):
<https://www.breitband-monitor.de/marktbeobachtung/grafiken>
- Population: reference date – GENESIS online 12411-0006:
<https://www-genesis.destatis.de/genesis//online?operation=table&code=12411-0006&bypass=true&language=en>
- Population data based on Census 2011 – 1991 to 2011 (only available in German):
https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Bevoelkerung/Bevoelkerungsstand/_inhalt.html

5. Metadata on source data

- Quality Report – Microcensus (only available in German):
<https://www.destatis.de/DE/Methoden/Qualitaet/Qualitaetsberichte/Bevoelkerung/einfuehrung.html>

6. Timeliness and frequency

- Timeliness: t + 8 months
- Frequency: Annual

7. Calculation method

- Unit of measurement: Per 100 inhabitants
- Calculation:

$$\text{Fixed Internet broadband access lines} = \frac{\text{Access lines by speed [number]}}{\text{Population [number]}} \cdot 100 [\%]$$