

SDG Goal 3

Good health and well-being

SDG Target 3.2

By 2030, end preventable deaths of newborns and children under 5 years of age, with all countries aiming to reduce neonatal mortality to at least as low as 12 per 1,000 live births and under-5 mortality to at least as low as 25 per 1,000 live births

SDG Indicator 3.2.1

Under-5 mortality rate

Time series

Child mortality

1. General information on the time series

- Date of national metadata: 09 March 2022
- National data: <http://sdg-indikatoren.de/en/3-2-1/>
- Definition: The time series measures the probability of a child born in a specific year or period dying before reaching the age of 5 years, expressed per 1,000 live births.
- Disaggregation: age group

2. Comparison with global metadata

- Date of global metadata: December 2021
- Global metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-03-02-01.pdf>
- The time series is compliant with the global metadata.

3. Data description

- The data is derived from the death statistics or the causes of death statistics and data on registered live births from birth statistics. All of the mentioned statistics were conducted by the Federal Statistical Office and are based on administrative data (e. g. official death certificates).

4. Accessibility of source data

- Deaths – GENESIS online 12613-0003:
<https://www-genesis.destatis.de/genesis//online?operation=table&code=12613-0003&bypass=true&language=EN>
- Live births – GENESIS online 12612-0001:
<https://www-genesis.destatis.de/genesis//online?operation=table&code=12612-0001&bypass=true&language=en>

5. Metadata on source data

- Quality Report - Causes of Death Statistics (only available in German):
<https://www.destatis.de/DE/Methoden/Qualitaet/Qualitaetsberichte/Gesundheit/todesursachen.pdf>
- Quality Report - Birth Statistics (only available in German):
<https://www.destatis.de/DE/Methoden/Qualitaet/Qualitaetsberichte/Bevoelkerung/geburten.pdf>

6. Timeliness and frequency

- Timeliness: t + 9 months
- Frequency: Annual

7. Calculation method

- Unit of measurement: Per 1,000 live births
- Calculation method:

$$\text{Child mortality rate}_i = \frac{\text{Deaths of children aged } i \text{ [number]}}{\text{Registered live births [number]}} \cdot 1,000$$

$i \in \{0 \text{ to under 1 year; } 0 \text{ to under 4 year s}\}$