

SDG Goal 3	Good health and well-being
SDG Target 3.9	By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination
SDG Indicator 3.9.3	Mortality rate attributed to unintentional poisoning
Time series	Mortality due to unintentional poisoning

1. General information on the time series

- Date of national metadata: 12 August 2021
- National data: <http://sdg-indikatoren.de/en/3-9-3/>
- Definition: The time series "mortality attributed to unintentional poisoning" is defined as the number of deaths of unintentional poisonings, expressed per 1,000 inhabitants (ICD-10 codes X40, X43, X46 to X49). ICD-10 is the International Statistical Classification of Diseases and Related Health Problems, version 2019.
- Disaggregation: Not available.

2. Comparison with global metadata

- Date of global metadata: May 2021
- Global metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-03-09-03.pdf>
- The time series is compliant with the global metadata.

3. Data description

- Data on deaths are derived from the causes of death statistics conducted by the Federal Statistical Office (analysis of the official death certificates). Data on population are the results of the latest population census (currently: 2011 Census) rolled forward in a breakdown by sex, age, marital status and citizenship, using both statistics of population change (migration, births, deaths, entering into marriages or registered same-sex partnerships) and information on changes in citizenship and the dissolution of marriages or registered same-sex partnerships. Before 2011, updated census data from 1987 (Federal Republic of Germany) and the population register of October 1990 (German Democratic Republic) were used. For the years before 2011 the results for population were calculated backwards using the census 2011 and migration, birth and death statistics.

4. Accessibility of source data

- Results of the cause of death statistics for Germany, detailed 4-digit codes of ICD-10 classification (only available in German):
https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Gesundheit/Todesursachen/_inhalt.html
- Population – GENESIS online, table 12411-0003:
<https://www-genesis.destatis.de/genesis//online/data?operation=table&code=12411-0003&language=en>
- Population 2010 calculated backwards to Census 2011 (only available in German):
https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Bevoelkerung/Bevoelkerungsstand/_inhalt.html

5. Metadata on source data

- Quality report of causes of death statistics (only available in German):

<https://www.destatis.de/DE/Methoden/Qualitaet/Qualitaetsberichte/Gesundheit/einfuehrung.html>

- Quality report of intercensal population updates:

<https://www.destatis.de/DE/Methoden/Qualitaet/Qualitaetsberichte/Bevoelkerung/einfuehrung.html>

6. Timeliness and frequency

- Timeliness: t + 20.5 months
- Frequency: Annual

7. Calculation method

- Unit of measurement: Per 100,000 inhabitants
- Calculation method:

$$\text{Mortality rate} = \frac{\text{Deaths of persons}_{\text{ICD}}[\text{number}]}{\text{Population}[\text{number}]}$$

ICD = X40 + X43 + (X46 to X49)