

SDG Goal 8	Decent work and economic growth
SDG Target 8.2	Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors
SDG Indicator 8.2.1	Annual growth rate of real GDP per employed person
Time series	Annual growth rate of real GDP per employed person

1. General information on the time series

- Date of national metadata: 7 December 2022
- National data: <http://sdg-indicators.de/8-2-1/>
- Definition: The time series measures the annual growth rate of real gross domestic product (GDP) per person employed. The time series represents a measure of labour productivity (LabProd) growth in a country (domestic concept).
- Disaggregation: Not available.

2. Comparability with the UN metadata

- Date of UN metadata: August 2024
- UN metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-08-02-01.pdf>
- The time series is compliant with the UN metadata. Gross domestic product (GDP) is not calculated in constant 2010 US dollar but in constant 2015 euro.

3. Data description

- The data on GDP is calculated by the Federal Statistical Office's National Accounts as a secondary statistic. GDP is adjusted based on a price base changing every year (previous year's price base). After several revisions due to new data input, final results are available four years after the first preliminary release. Persons employed are defined according to the labour force concept of the International Labour Organization. After several revisions due to new data input, final results are available four years after the first preliminary release.

4. Access to data source

- National accounts – Gross value added, gross domestic product (nominal/price-adjusted) – GENESIS online 81000-0001:
<https://www-genesis.destatis.de/genesis//online?operation=table&code=81000-0001&bypass=true&language=en>
- National accounts – Population, employment – GENESIS online 81000-0011:
<https://www-genesis.destatis.de/genesis//online?operation=table&code=81000-0011&bypass=true&language=en>

5. Metadata on source data

- Quality Report – National Accounts:
<https://www.destatis.de/EN/Methods/Quality/QualityReports/National-Accounts-Domestic-Product/national-accounts.pdf>
- Quality Report – Employment Accounts as Part of National Accounts (only available in German):
<https://www.destatis.de/DE/Methoden/Qualitaet/Qualitaetsberichte/Arbeitsmarkt/erwerbstrechnung-vgr.pdf>

6. Timeliness and frequency

- Timeliness: t + 8 months
- Frequency: Annual

7. Calculation method

- Unit of measurement: Percentage
- Calculation:

$$\text{LabProd} = \frac{\text{Real GDP [EUR]}}{\text{Persons employed [number]}}$$

$$\text{Annual growth rate} = \frac{\text{LabProd}_t - \text{LabProd}_{t-1}}{\text{LabProd}_{t-1}} \cdot 100 [\%]$$