

SDG Goal 12

Responsible consumption and production

SDG Target 12.5

By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse

SDG Indicator 12.5.1

National recycling rate, tons of material recycled

Time series

National recycling rate

1. General information on the time series

- Date of national metadata: 19 June 2023
- National data: <http://sdg-indicators.de/12-5-1/>
- Definition: The time series measures the amount of municipal waste in Germany, which is recycled.
- Disaggregation: type of waste

2. Comparability with the UN metadata

- Date of UN metadata: May 2024
- UN metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-12-05-01.pdf>
- The time series is compliant with the UN metadata.

3. Data description

- The time series is part of annual report about the waste balance of Germany. The report is produced by the Federal Statistical Office.

4. Access to data source

- Brief overview waste balance – time-series:
<https://www.destatis.de/EN/Themes/Society-Environment/Environment/Waste-Management/Tables/liste-brief-overview-waste-balance.html>

5. Metadata on source data

- Not available.

6. Timeliness and frequency

- Timeliness: t + 16 to 18 months
- Frequency: Annual

7. Calculation method

- Unit of measurement: Percentage
- Calculation:

$$\text{Recycling rate} = \frac{\text{Municipal waste recycled [t]}}{\text{Total municipal waste [t]}} \cdot 100 [\%]$$

SDG Goal 12	Responsible consumption and production
SDG Target 12.5	By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse
SDG Indicator 12.5.1	National recycling rate, tons of material recycled
Time series	Material recovery

1. General information on the time series

- Date of national metadata: 19 June 2023
- National data: <http://sdg-indicators.de/12-5-1/>
- Definition: The time series measures the amount of municipal waste in Germany, which is recycled.
- Disaggregation: type of waste

2. Comparability with the UN metadata

- Date of UN metadata: May 2024
- UN metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-12-05-01.pdf>
- The time series is not compliant with the UN metadata, but provides additional information.

3. Data description

- The time series is part of annual report about the waste balance of Germany. The report is produced by the Federal Statistical Office.

4. Access to data source

- Brief overview waste balance – time-series:
<https://www.destatis.de/EN/Themes/Society-Environment/Environment/Waste-Management/Tables/liste-brief-overview-waste-balance.html>

5. Metadata on source data

- Not available.

6. Timeliness and frequency

- Timeliness: t + 16 to 18 months
- Frequency: Annual

7. Calculation method

- Unit of measurement: 1,000 tonnes
- Calculation:

Material recovery = Σ Municipal waste recycled [1,000 t]