

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

Recycling rate

1. General information on the time series

- Date of national metadata: 21 October 2021
- National data: <http://sdg-indikatoren.de/en/12-5-1/>
- Definition: The time series measures the amount of municipal waste in Germany, which is recycled.
- Disaggregation: type of waste

2. Comparison with global metadata

- Date of global metadata: February 2021
- Global metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-12-05-01.pdf>
- The time series is compliant with the global 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. Accessibility of source data

- Brief overview waste balance - time-series (only available in German):
<https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Abfallwirtschaft/Tabellen/liste-abfallbilanz-kurzuebersicht.html>

5. Metadata on source data

6. Timeliness and frequency

- Timeliness: t + 2 years
- Frequency: Annual

7. Calculation method

- Unit of measurement: Percentage
- Calculation method:

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

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Time series

Material recovery

1. General information on the time series

- Date of national metadata: 21 October 2021
- National data: <http://sdg-indikatoren.de/en/12-5-1/>
- Definition: The time series measures the amount of municipal waste in Germany, which is recycled.
- Disaggregation: type of waste

2. Comparison with global metadata

- Date of global metadata: February 2021
- Global metadata: <https://unstats.un.org/sdgs/metadata/files/Metadata-12-05-01.pdf>
- The time series is not compliant with the global 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. Accessibility of source data

- Brief overview waste balance - time-series (only available in German):
<https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Abfallwirtschaft/Tabellen/liste-abfallbilanz-kurzuebersicht.html>

5. Metadata on source data

6. Timeliness and frequency

- Timeliness: t + 2 years
- Frequency: Annual

7. Calculation method

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

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