

## 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: 04 November 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: 04 November 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** =  $\Sigma$  Municipal waste recycled [1,000 t]