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

### 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:

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

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| <b>SDG Indicator 12.5.1</b> | <b>National recycling rate, tons of material recycled</b>  |
| <b>Time series</b>          | <b>Material recovery</b>   |

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