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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>Recycling rate</b>                                                                                    |

### 1. General information on the time series

- Date of national metadata: 26 May 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: September 2020
- 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

- Waste balance (only available in German) Fachserie 19 Reihe 1 - 2016:  
<https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Abfallwirtschaft/Publikationen/Downloads-Abfallwirtschaft/abfallentsorgung-2190100167004.html>

### 5. Metadata on source data

- Waste balance (only available in German) Fachserie 19 Reihe 1 - 26:  
<https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Abfallwirtschaft/Publikationen/Downloads-Abfallwirtschaft/abfallentsorgung-2190100167004.html>

### 6. Timeliness and frequency

- Timeliness: t + 2 years
- Frequency: Annual

## 7. Calculation method

- Unit of measurement: %
- Calculation method:

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

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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>Material recovery</b>                                                                                 |

### 1. General information on the time series

- Date of national metadata: 26 May 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

- Waste balance (only available in German) Fachserie 19 Reihe 1 - 2016:  
<https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Abfallwirtschaft/Publikationen/Downloads-Abfallwirtschaft/abfallentsorgung-2190100167004.html>

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### 6. Timeliness and frequency

- Timeliness: t + 2 years
- Frequency: Annual

## 7. Calculation method

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

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