

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: 20 April 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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- 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 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:
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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:

Recycled waste = Σ Municipal waste recycled [1,000 t]