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 **National recycling rate**

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: March 2023
- 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:

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

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	**Material recovery**

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: March 2023
- 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 = $\sum$ Municipal waste recycled [1,000 t**]**