SDG Goal 12	Responsible consumption and production
SDG Target 12.4	By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment
SDG Indicator 12.4.1	Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required, by each relevant agreement
Time series	**Basel Convention**

1. General information on the time series

- Date of national metadata: 26 October 2023
- National data: http://sdg-indicators.de/12-4-1/
- Definition: The time series measures Germany's compliance with the Basel Convention. The time series is compiled by the designation of a national focal point and the submission of the annual national reports.
- Disaggregation: Not available.

2. Comparability with the UN metadata

- Date of UN metadata: July 2024
- UN metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-12-04-01.pdf
- The time series is compliant with the UN metadata.

3. Data description

- The time series is calculated with the following criteria:

  1. Designation of the Focal Point and one or more Competent Authorities (1 point)
  2. Submission of the annual national reports during the reporting period (1 point per report).

4. Access to data source

- Please see section "Further data".

5. Metadata on source data

- Not available.

6. Timeliness and frequency

- Timeliness: The time series is calculated in 2017 for the period 2010-2014, in 2020 for the period 2015-2019, in 2025 for the period 2020-2024 and in 2030 for the period 2025-2029
- Frequency: Every 5 years

7. Calculation method

- Unit of measurement: Percentage
- Calculation:

$$\textbf{Score} = \frac{\sum \text{Points for 5-years-period [number]}}{\sum \text{Available points for 5-years-period [number]}}$$

$$\textbf{Transmission rate} = \frac{\sum \text{Scores [value]}}{\text{Conventions [number]}} \cdot 100 \, [\%]$$

SDG Goal 12	**Responsible consumption and production**
SDG Target 12.4	**By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment**
SDG Indicator 12.4.1	**Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required, by each relevant agreement**
Time series	**Montreal Protocol**

1. General information on the time series

- Date of national metadata: 13 February 2023
- National data: http://sdg-indicators.de/12-4-1/
- Definition: The time series measures Germany's compliance with the Montreal Protocol. The time series is compiled by the compliance with reporting requirements for production and consumption of ozone-depleting substances under (Article 7 of) the Montreal Protocol and the submission of information on Licensing systems under (Article 4B of) the Montreal Protocol.
- Disaggregation: Not available.

2. Comparability with the UN metadata

- Date of UN metadata: July 2024
- UN metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-12-04-01.pdf
- The time series is compliant with the UN metadata.

3. Data description

- The time series is calculated with the following criteria:

  1. Compliance with reporting requirements for production and consumption of ozone-depleting substances under (Article 7 of) the Montreal Protocol (15 points);
  2. Submission of information on Licensing systems under (Article 4B of) the Montreal Protocol (5 points).

4. Access to data source

- Please see section "Further data".

5. Metadata on source data

- Not available.

6. Timeliness and frequency

- Timeliness: The time series is calculated in 2017 for the period 2010-2014, in 2020 for the period 2015-2019, in 2025 for the period 2020-2024 and in 2030 for the period 2025-2029
- Frequency: Every 5 years

7. Calculation method

- Unit of measurement: Percentage
- Calculation:

$$\textbf{Score} = \frac{\sum \text{Points for 5 - years- period [number]}}{\sum \text{Available points for 5 - years- period [number]}}$$

$$\textbf{Transmission rate} = \frac{\sum \text{Scores [value]}}{\text{Conventions [number]}} \cdot 100 \, [\%]$$

SDG Goal 12	**Responsible consumption and production**

SDG Target 12.4	**By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment**

SDG Indicator 12.4.1	**Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required, by each relevant agreement**

Time series	**Rotterdam Convention**

1. General information on the time series

- Date of national metadata: 13 February 2023
- National data: http://sdg-indicators.de/12-4-1/
- Definition: The time series measures Germany's compliance with the Rotterdam Convention. The time series is compiled by designation of the Designated National Authority(-ies) and Official contact point and submission of the import responses during the reporting period.
- Disaggregation: Not available.

2. Comparability with the UN metadata

- Date of UN metadata: July 2024
- UN metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-12-04-01.pdf
- The time series is compliant with the UN metadata.

3. Data description

- The time series is calculated with the following criteria:

  1. Designation of the Designated National Authority(-ies) and Official contact point (1 point);
  2. Submission of the import responses during the reporting period (0,2 point per import response).

4. Access to data source

- Please see section "Further data".

5. Metadata on source data

- Not available.

6. Timeliness and frequency

- Timeliness: The time series is calculated in 2017 for the period 2010-2014, in 2020 for the period 2015-2019, in 2025 for the period 2020-2024 and in 2030 for the period 2025-2029
- Frequency: Every 5 years

7. Calculation method

- Unit of measurement: Percentage
- Calculation:

$$\textbf{Score} = \frac{\sum \text{Points for 5 - years - period [number]}}{\sum \text{Available points for 5 - years - period [number]}}$$

$$\textbf{Transmission rate} = \frac{\sum \text{Scores [value]}}{\text{Conventions [number]}} \cdot 100 \, [\%]$$

SDG Goal 12	**Responsible consumption and production**
SDG Target 12.4	**By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment**
SDG Indicator 12.4.1	**Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required, by each relevant agreement**
Time series	**Stockholm Convention**

1. General information on the time series

- Date of national metadata: 13 February 2023
- National data: http://sdg-indicators.de/12-4-1/
- Definition: The time series measures Germany's compliance with the Stockholm Convention. The time series is compiled by designation of the Stockholm Convention official contact point and national focal point, submission of the national implementation plan and Submission of the revised national implementation plan(s) addressing the amendments adopted by the Conference of the Parties within the reporting period.
- Disaggregation: Not available.

2. Comparability with the UN metadata

- Date of UN metadata: July 2024
- UN metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-12-04-01.pdf
- The time series is compliant with the UN metadata.

3. Data description

- The time series is calculated with the following criteria:

  1. Designation of the Stockholm Convention official contact point and national focal point (1 points);
  2. Submission of the national implementation plan (1 points);
  3. Submission of the revised national implementation plan(s) addressing the amendments adopted by the Conference of the Parties within the reporting period (1 point per revised and updated plan).

4. Access to data source

- Please see section "Further data".

5. Metadata on source data

- Not available.

6. Timeliness and frequency

- Timeliness: The time series is calculated in 2017 for the period 2010-2014, in 2020 for the period 2015-2019, in 2025 for the period 2020-2024 and in 2030 for the period 2025-2029
- Frequency: Every 5 years

7. Calculation method

- Unit of measurement: Percentage
- Calculation:

$$\textbf{Score} = \frac{\sum \text{Points for 5-years-period [number]}}{\sum \text{Available points for 5-years-period [number]}}$$

$$\textbf{Transmission rate} = \frac{\sum \text{Scores [value]}}{\text{Conventions [number]}} \cdot 100 \,[\%]$$

SDG Goal 12	**Responsible consumption and production**
SDG Target 12.4	**By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment**
SDG Indicator 12.4.1	**Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required, by each relevant agreement**
Time series	**Minamata Convention**

1. General information on the time series
- Date of national metadata: 13 February 2023
- National data: http://sdg-indicators.de/12-4-1/
- Definition: The time series measures Germany's compliance with the Minamata Convention. The time series is compiled by the designation of a national focal point and submission of national report.
- Disaggregation: Not available.

2. Comparability with the UN metadata
- Date of UN metadata: July 2024
- UN metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-12-04-01.pdf
- The time series is compliant with the UN metadata.

3. Data description
- The data is calculated with the following criteria:

  1. Designation of a national focal point (Article 17) (5 points);
  2. Submission of national report (Article 21) (15 points).

4. Access to data source
- Please see section "Further data".

5. Metadata on source data
- Not available.

6. Timeliness and frequency
- Timeliness: The time series is calculated in 2017 for the period 2010-2014, in 2020 for the period 2015-2019, in 2025 for the period 2020-2024 and in 2030 for the period 2025-2029
- Frequency: Every 5 years

7. Calculation method

- Unit of measurement: Percentage
- Calculation:

$$\text{Score} = \frac{\sum \text{Points for 5-years-period[number]}}{\sum \text{Available points for 5-years-period[number]}}$$

$$\text{Transmission rate} = \frac{\sum \text{Scores[value]}}{\text{Conventions[number]}} \cdot 100\,[\%]$$