SDG Goal 6	**Clean water and sanitation**
SDG Target 6.3	**By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally**
SDG Indicator 6.3.1	**Proportion of domestic and industrial wastewater flows safely treated**
Time series	**Wastewater and cooling water**

1. General information on the time series

- Date of national metadata: 26 November 2021
- National data: http://sdg-indikatoren.de/en/6-3-1/
- Definition: The time series measures the percentage of wastewater flows safely treated.
- Disaggregation: treatment; type of waste water

2. Comparison with global metadata

- Date of global metadata: September 2020
- Global metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-06-03-01.pdf
- The time series is compliant with the global metadata.

3. Data description

- According to the Federal Water Act wastewater that is passed into water bodies without treatment is monitored by the water authorities and the pollution of this water should not deteriorate the water quality of the respective water body. Therefore, all wastewater is considered to be safely treated.

4. Accessibility of source data

- The Federal Water Act (only available in German): https://www.gesetze-im-internet.de/whg_2009/

5. Metadata on source data

- The time series is based on Federal Water Act (WHG) in the current German version (only available in German and only legally binding in this version): https://www.gesetze-im-internet.de/whg_2009/

6. Timeliness and frequency

- Timeliness: Not available.
- Frequency: Not available.

7. Calculation method

- Unit of measurement: 1 000 m³
- Calculation method:

  Not available.

SDG Goal 6	**Clean water and sanitation**
SDG Target 6.3	**By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally**
SDG Indicator 6.3.1	**Proportion of domestic and industrial wastewater flows safely treated**
Time series	**Wastewater that is safely treated or does not require treatment**

1. General information on the time series

- Date of national metadata: 26 November 2021
- National data: http://sdg-indikatoren.de/en/6-3-1/
- Definition: The time series measures the amount total wastewater produced from public and non-public disposal as well as cooling water.
- Disaggregation: type of waste water

2. Comparison with global metadata

- Date of global metadata: September 2020
- Global metadata: https://unstats.un.org/sdgs/metadata/files/Metadata-06-03-01.pdf
- The time series is not compliant with the global metadata, but gives additional information on wastewater.

3. Data description

- Data on public and non-public wastewater stems from the Federal Statistical Office. For the total wastewater produced from public and non-public disposal, the amounts of treated and untreated wastewater are listed in addition. According to the global Metadata cooling water is excluded. Therefore, the amount of cooling water is depicted separately. The time series includes the following time series:
  1. Total wastewater produced from public and non-public disposal
  1.1 Untreated wastewater
  1.2 Treated wastewater
  2. Cooling water

4. Accessibility of source data

- Wastewater treated in wastewater treatment plants (only available in German): https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Wasserwirtschaft/_inhalt.html#sprg238684

5. Metadata on source data

- Wastewater treated in public wastewater treatment plants (only available in German): https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Wasserwirtschaft/_inhalt.html
- Wastewater treated in non-public wastewater treatment plants (only available in German): https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Wasserwirtschaft/_inhalt.html

6. Timeliness and frequency

- Timeliness: t + 18 months
- Frequency: Every 3 years

7. Calculation method

- Unit of measurement: Percentage; 1 000 m³
- Calculation method:

$$\textbf{Total wastewater produced from public and non-public disposal} = \text{Wastewater treated in public wastewater treatment plants} + \text{Wastewater treated in non-public wastewater treatment plants}$$