

## SDG Goal 6 Clean water and sanitation

**SDG Target 6.4** By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity

**SDG Indicator 6.4.2** Level of water stress: freshwater withdrawal as a proportion of available freshwater resources

1. Name of data series	
<b>Level of water stress: share of withdrawal in renewable water resources</b>	
Compliant with SDG metadata: no	<a href="#">SDG Metadata</a>

2. Definition of indicator
The indicator indicates how much freshwater is withdrawn in relation to the total renewable freshwater resources.
3. Comparison with SDG metadata (as of 13/03/2019)
In the SDG metadata, the denominator to the indicator consists of the total renewable freshwater resources minus the environmental water requirements. For the calculation of this indicator, only the total renewable freshwater resources are used in the denominator.

4. Data description	
Data on the quantities withdrawn from the environment is available separately for public water supply companies and the non-public sector. Water on total renewable freshwater resources includes incoming water from neighbouring countries. The quantity of water for environmental water requirements is not deduced from the total renewable freshwater resources.	
Data on the total renewable freshwater resources stems from the German Federal Institute of Hydrology but is not publicly available.	
5. Calculation method	
$\text{Level of water stress} = \frac{\text{Freshwater withdrawn from the environment}}{\text{Total renewable freshwater resources}}$	
6. Unit of measure	%

7. Timeliness	8. Frequency
t + 18 months	Triennial
9. Last regular revision	10. Revised period
Not applicable	Not applicable

11. Accessibility of source data
Quantities of water withdrawn from the environment (Only available in German): <a href="https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Wasserwirtschaft/_inhalt.html#sprg238684">https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Wasserwirtschaft/_inhalt.html#sprg238684</a>
12. Metadata on source data
Metadata can be found at the end of the respective series (Only available in German): <a href="https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Wasserwirtschaft/_inhalt.html#sprg238684">https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Wasserwirtschaft/_inhalt.html#sprg238684</a>
13. Related SDG data series (duplicate indicators or sub-indicators to same indicator)
6.4.2.b Level of water stress: share of withdrawal in renewable water resources, excluding cooling water

For more information please contact:

<https://www.destatis.de/EN/Service/Contact/Contact.html>

## SDG Goal 6 Clean water and sanitation

**SDG Target 6.4** By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity

**SDG Indicator 6.4.2** Level of water stress: freshwater withdrawal as a proportion of available freshwater resources

1. Name of data series	
<b>Level of water stress: share of withdrawal in renewable water resources, excluding cooling water</b>	
Compliant with SDG metadata: no	<a href="#">SDG Metadata</a>

2. Definition of indicator
The indicator indicates how much freshwater is withdrawn in relation to the total renewable freshwater resources, without taking into account the water used for cooling purposes.
3. Comparison with SDG metadata (as of 11/07/2017)
In the SDG metadata, the denominator to the indicator consists of the total renewable freshwater resources minus the environmental water requirements. For the calculation of this indicator, the total renewable freshwater resources are used in the denominator only.

4. Data description	<p>Data on the quantities withdrawn from the environment is available separately for public water supply companies and the non-public sector. Water on total renewable freshwater resources includes incoming water from neighbouring countries. The quantity of water for environmental water requirements is not deduced from the total renewable freshwater resources.</p> <p>Data on the total renewable freshwater resources stems from the German Federal Institute of Hydrology but is not publicly available.</p>	
5. Calculation method	$\text{Level of water stress} = \frac{\text{Freshwater withdrawn from the environment} - \text{cooling water}}{\text{Total renewable freshwater resources}}$	
6. Unit of measure	%	

7. Timeliness	8. Frequency
t + 18 months	Triannual
9. Last regular revision	10. Revised period
Not applicable	Not applicable

11. Accessibility of source data
<p>Quantities of water withdrawn from the environment and used for cooling (Only available in German):</p> <p><a href="https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Wasserwirtschaft/_inhalt.html#sprg238684">https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Wasserwirtschaft/_inhalt.html#sprg238684</a></p>
12. Metadata on source data
<p>Metadata can be found at the end of the respective series (Only available in German):</p> <p><a href="https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Wasserwirtschaft/_inhalt.html#sprg238684">https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Umwelt/Wasserwirtschaft/_inhalt.html#sprg238684</a></p>
13. Related SDG data series (duplicate indicators or sub-indicators to same indicator)
6.4.2.a Level of water stress: share of withdrawal in renewable water resources

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