

<b>U N</b>	<b>G o a l</b>	<b>6. Ensure availability and sustainable management of water and sanitation for all</b>
	<b>T a r g e t</b>	<b>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</b>
	<b>I n d i c a t o r</b>	<b>6.4.1 Change in water-use efficiency over time</b>

### I. Global indicator

<Type 2>

<b>Indicator</b>	Change in water-use efficiency over time
<b>Definition</b>	<p>The change in water use efficiency, which is the change in the ratio of the value added to the volume of water use, over time, expressed in USD/m<sup>3</sup>.</p> <p>Water use refers to specific activities for which water is serviced, and water use efficiency includes efficiency of water use for irrigation, major industries, and services.</p>

### II. Data description

#### [Data] Change in water-use efficiency over time

<b>Calculation method</b>	$WUE = A_{we} \times P_A + M_{we} \times P_M + S_{we} \times P_S$ <p>Where:</p> <p>WUE = Water use efficiency  <math>A_{we}</math> = Irrigated agriculture water use efficiency [USD/m<sup>3</sup>]  <math>M_{we}</math> = MIMEC water use efficiency [USD/m<sup>3</sup>]  <math>S_{we}</math> = Services water use efficiency [USD/m<sup>3</sup>]  <math>P_A</math> = Proportion of water used by the agricultural sector over the total use  <math>P_M</math> = Proportion of water used by the MIMEC sector over the total use  <math>P_S</math> = Proportion of water used by the service sector over the total use</p>
<b>Unit</b>	USD/m <sup>3</sup>
<b>Data sources</b>	Data collection is done through FAO's global information system on water and agriculture (AQUASTAT) and the AQUASTAT questionnaire on water and agriculture. The data collection process relies on a network of National Correspondents, officially nominated by their respective countries.
<b>Calendar</b>	<ul style="list-style-type: none"> <li>■ Time series: 2000-2018 (All data for Korea are included)</li> <li>■ Data release: Annually</li> </ul>
<b>Organizations</b>	FAO (Food and Agriculture Organization of the United Nations)
<b>Global indicator link</b>	<ul style="list-style-type: none"> <li>■ Metadata: <a href="https://unstats.un.org/sdgs/metadata/files/Metadata-06-04-01.pdf">https://unstats.un.org/sdgs/metadata/files/Metadata-06-04-01.pdf</a></li> <li>■ Data: <a href="https://unstats.un.org/sdgs/indicators/database/">https://unstats.un.org/sdgs/indicators/database/</a></li> </ul>