



Computation of long-term annual renewable water resources (RWR) by country (in km<sup>3</sup>/year, average)

## Germany

Internal RWR		
Precipitation (mm/year)	[1] <input style="width: 100px;" type="text" value="700"/>	
Area of the country (1000 ha)	[2] <input style="width: 100px;" type="text" value="35 758"/>	
Precipitation (km <sup>3</sup> /year)	[3] <input style="width: 100px;" type="text" value="250.3"/> =([1]/1000000)x([2]x10)	
Surface water: produced internally	[4] <input style="width: 100px;" type="text" value="106.3"/>	
Groundwater: produced internally	[5] <input style="width: 100px;" type="text" value="45.7"/>	
Overlap between surface water and groundwater	[6] <input style="width: 100px;" type="text" value="45"/> (a)	
<b>Total internal renewable water resources</b>	[7] <input style="width: 100px;" type="text" value="107"/> =([4]+[5]-[6]) (b)	
External RWR		
	Total	Accounted
<u>Surface water</u>		
Surface water entering the country	<input style="width: 100px;" type="text" value="47"/> (c)	
Inflow not submitted to treaties		[8] <input style="width: 100px;" type="text" value="47"/>
Inflow submitted to treaties		<input style="width: 100px;" type="text" value="0"/>
Inflow secured through treaties		[9] <input style="width: 100px;" type="text" value="0"/>
Flow in border rivers	<input style="width: 100px;" type="text" value="0"/>	[10] <input style="width: 100px;" type="text" value="0"/>
Accounted inflow		[11] <input style="width: 100px;" type="text" value="47"/> =([8]+[9]+[10])
Surface water leaving the country	<input style="width: 100px;" type="text" value="90.8"/> (d)	
Outflow not submitted to treaties		<input style="width: 100px;" type="text" value="90.8"/>
Outflow submitted to treaties		<input style="width: 100px;" type="text" value="0"/>
Outflow secured through treaties		[12] <input style="width: 100px;" type="text" value="0"/>
Total external renewable surface water		[13] <input style="width: 100px;" type="text" value="47"/> =([11]-[12])
<u>Groundwater</u>		
Groundwater entering the country	<input style="width: 100px;" type="text" value="0"/>	[14] <input style="width: 100px;" type="text" value="0"/>
Groundwater leaving the country	<input style="width: 100px;" type="text" value="0"/>	<input style="width: 100px;" type="text" value="0"/>
<b>Total external renewable water resources</b>		[15] <input style="width: 100px;" type="text" value="47"/> =([13]+[14])
Total RWR		
Surface water	[16] <input style="width: 100px;" type="text" value="153.3"/> =([4]+[13])	
Groundwater	[17] <input style="width: 100px;" type="text" value="45.7"/> =([5]+[14])	
Overlap between surface water and groundwater	[6] <input style="width: 100px;" type="text" value="45"/> (a)	
<b>Total renewable water resources</b>	[18] <input style="width: 100px;" type="text" value="154"/> =([16]+[17]-[6])	
Dependency ratio (%)	[19] <input style="width: 100px;" type="text" value="30.52"/> =100*([11]+[14])/([11]+[14]+[7])	

**Metadata:**

- (a) Overlap between surface water and groundwater is less than 100% of groundwater recharge; most the groundwater is drained by rivers and becomes the low flow of water courses. Some groundwater flows out into the sea.  
 (b) EUROSTAT gives a value of 117 km<sup>3</sup> (Source: EUROSTAT, 2015. EUROSTAT database. <http://ec.europa.eu/eurostat/data/database>. Accessed on 01/06/2015)  
 (c) Net inflow: 26.3 km<sup>3</sup>/yr from Switzerland, 5.4 from France, 3.1 from Luxembourg, 12.2 from Czech Republic  
 (d) Net outflow: 20.8 to Austria, 1 to Belgium, 69 to Netherlands.