



Computation of long-term annual renewable water resources (RWR) by country (in km³/year, average)

Kazakhstan

Internal RWR		
Precipitation (mm/year)	[1]	250
Area of the country (1000 ha)	[2]	272 490
Precipitation (km ³ /year)	[3]	681.2 =([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	56.5
Groundwater: produced internally	[5]	33.85
Overlap between surface water and groundwater	[6]	26
Total internal renewable water resources	[7]	64.35 =[4]+[5]-[6]
External RWR		
	Total	Accounted
<u>Surface water</u>		
Surface water entering the country	72.04	
Inflow not submitted to treaties		[8] 32.03
Inflow submitted to treaties		40.01
Inflow secured through treaties		[9] 12.03
Flow in border rivers	0	[10] 0
Accounted inflow		[11] 44.06 =[8]+[9]+[10]
Surface water leaving the country	40.33	
Outflow not submitted to treaties		40.33
Outflow submitted to treaties		0
Outflow secured through treaties		[12] 0
Total external renewable surface water		[13] 44.06 =[11]-[12]
<u>Groundwater</u>		
Groundwater entering the country	0	[14] 0
Groundwater leaving the country		
Total external renewable water resources		[15] 44.06 =[13]+[14]
Total RWR		
Surface water	[16]	100.6 =[4]+[13]
Groundwater	[17]	33.85 =[5]+[14]
Overlap between surface water and groundwater	[6]	26
Total renewable water resources	[18]	108.4 =[16]+[17]-[6]
Dependency ratio (%)	[19]	40.64 =100*([11]+[14])/([11]+[14]+[7])