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

Holy See

Internal RWR

Precipitation (mm/year)	[1]	
Area of the country (1000 ha)	[2]	
Precipitation (km³/year)	[3]	=([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	
Groundwater: produced internally	[5]	
Overlap between surface water and groundwater	[6]	
Total internal renewable water resources	[7]	=[4]+[5]-[6]

External RWR

	Total	Accounted	
Surface water			
Surface water entering the country			
Inflow not submitted to treaties		[8]	
Inflow submitted to treaties			
Inflow secured through treaties		[9]	
Flow in border rivers		[10]	
Accounted inflow		[11]	=[8]+[9]+[10]
Surface water leaving the country			
Outflow not submitted to treaties			
Outflow submitted to treaties			
Outflow secured through treaties		[12] 0	
Total external renewable surface water		[13]	=[11]-[12]
Groundwater			
Groundwater entering the country		[14]	
Groundwater leaving the country			
Total external renewable water resources		[15]	=[13]+[14]

Total RWR

Surface water	[16]	=[4]+[13]
Groundwater	[17]	=[5]+[14]
Overlap between surface water and groundwater	[6]	
Total renewable water resources	[18]	=[16]+[17]-[6]
Dependency ratio (%)	[19]	=100*([11]+[14]) /([11]+[14]+[7])