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

Ireland

Internal RWR

Precipitation (mm/year)	[1]	1 118	
Area of the country (1000 ha)	[2]	7 028	
Precipitation (km³/year)	[3]	78.57	=([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	48.2	
Groundwater: produced internally	[5]	10.8	
Overlap between surface water and groundwater	[6]	10	(a)
Total internal renewable water resources	[7]	49	=[4]+[5]-[6]

External RWR

		Total	Accounted	
Surface water				
Surface water entering the country		3		
Inflow not submitted to treaties	[8]		3	
Inflow submitted to treaties			0	
Inflow secured through treaties	[9]		0	
Flow in border rivers	[10]	0	0	
Accounted inflow	[11]		3	=[8]+[9]+[10]
Surface water leaving the country		2		
Outflow not submitted to treaties			2	
Outflow submitted to treaties			0	
Outflow secured through treaties	[12]		0	
Total external renewable surface water	[13]		3	=[11]-[12]
Groundwater				
Groundwater entering the country	[14]	0	0	
Groundwater leaving the country		0	0	
Total external renewable water resources	[15]		3	=[13]+[14]

Total RWR

Surface water	[16]	51.2	=[4]+[13]
Groundwater	[17]	10.8	=[5]+[14]
Overlap between surface water and groundwater	[6]	10	(a)
Total renewable water resources	[18]	52	=[16]+[17]-[6]
Dependency ratio (%)	[19]	5.769	=100*([11]+[14])/([11]+[14]+[7])

Metadata:
(a) Overlap between surface and groundwater equals 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 as Ireland is an Island.