



Country fact sheet Costa Rica

LAND AND POPULATION	Year	Value	Unit
Area			
Total area of the country (excl. coastal water)	2022	5,110.00	1000 ha
Cultivated area (arable land + permanent crops)	2022	522.90	1000 ha
Population			
Total population	2022	5,081.77	1000 inhab
of which rural	2022	18.13	%
RENEWABLE WATER RESOURCES (RWR)	Year	Value	Unit
Long-term average annual precipitation in depth	2022	2,926.00	mm/year
Long-term average annual RWR			
Internal (IRWR)	2022	113.00	km ³ /year
External (ERWR)	2022	0.00	km ³ /year
Total actual (TRWR)	2022	113.00	km ³ /year
Dependency ratio	2022	0.00	%
TRWR per capita	2022	22,236.37	km ³ /year
Total dam capacity	2022	2.00	km ³
WATER WITHDRAWAL	Year	Value	Unit
Total water withdrawal	2022	3.45	km ³
Total water withdrawal per capita	2022	678.28	m ³ /inhab/ year
By sector			
Agricultural	2022	2.09	km ³
Industrial	2022	0.25	km ³
Municipal	2022	1.11	km ³
By source			
Surface water withdrawal	2022	2.97	km ³
Groundwater water withdrawal	2022	0.48	km ³
Non-conventional water resources			
Desalinated water produced	2022	0.00	km ³
Direct use of treated municipal wastewater	2022	—	km ³
Direct use of treated municipal wastewater for irrigation purposes	2022	—	km ³
Direct use of agricultural drainage water	2022	—	km ³
IRRIGATION AREAS	Year	Value	Unit
Total area equipped for irrigation (1+2+3)	2022	159.59	1000 ha
as % of cultivated area	2022	30.52	%
Area actually irrigated	2022	101.50	1000 ha
% of total area equipped for irrigation actually irrigated	2022	63.60	%
1. Area equipped for full control	2022	159.59	1000 ha
Surface irrigation	2022	95.29	1000 ha
Sprinkler irrigation	2022	46.25	1000 ha
Localized irrigation	2022	18.05	1000 ha
2. Equipped lowlands (wetland, ivb. food plains, mangroves)	2022	—	1000 ha
3. Spate irrigation	2022	—	1000 ha
SUSTAINABLE DEVELOPMENT GOAL 6.4	Year	Value	Unit
SDG 6.4.1 Water-use efficiency	2022	17.92	USD/m ³
Irrigated agriculture water-use efficiency	2022	0.43	USD/m ³
Industrial water-use efficiency	2022	52.17	USD/m ³
Services water-use efficiency	2022	43.36	USD/m ³
SDG 6.4.2. Water Stress	2022	5.88	%
Agricultural sector contribution to water stress	2022	3.57	%
Industrial sector contribution to water stress	2022	0.42	%
Municipal sector contribution to water stress	2022	1.89	%

Notes: 1 km³ = 10 m³ = 1 000 million m³; 1 ha = 1 hectare = 10 000 m². Not all figures are based on official reporting; some may be the result of imputations. For detailed source information, refer to: <https://data.apps.fao.org/aquastat>.