

Progress on Transboundary Water Cooperation (SDG target 6.5)

58%

of the world's transboundary basin areas has an operational arrangement for water cooperation (SDG indicator 6.5.2, 2020)

- Data provider: UNECE and UNESCO
- Available time series: 2017-2022
- Number of countries (and areas) sharing transboundary waters: 153
- Number of countries (and areas) reporting in the last five years: 102
- [Learn more about the indicator here](#)
- [Read the latest progress report here](#)

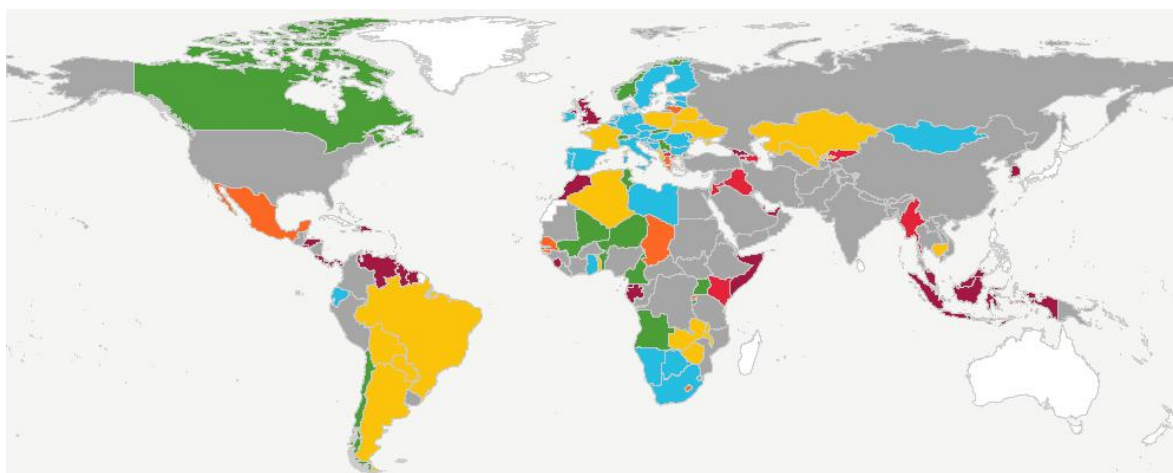


Transboundary water cooperation plays a crucial role in supporting wider regional integration, peace and sustainable development, as well as in tackling regional security challenges and in supporting climate change adaptation.

SDG target 6.5 is: 'By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate.'

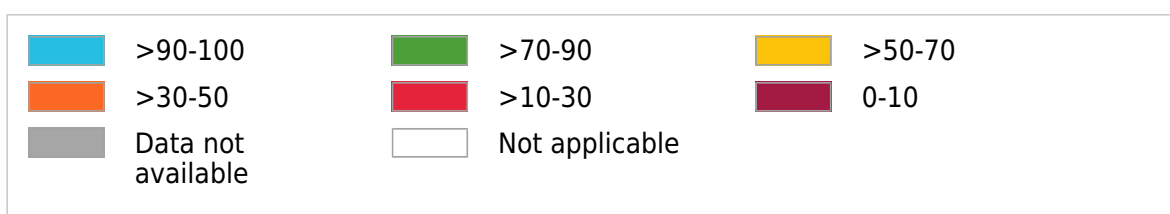
To track progress towards the target, indicator 6.5.2 looks at the area of a country within transboundary basins and assesses the extent to which that area is covered by operational cooperation arrangements.

Global status of indicator 6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation (2020) ^[1]

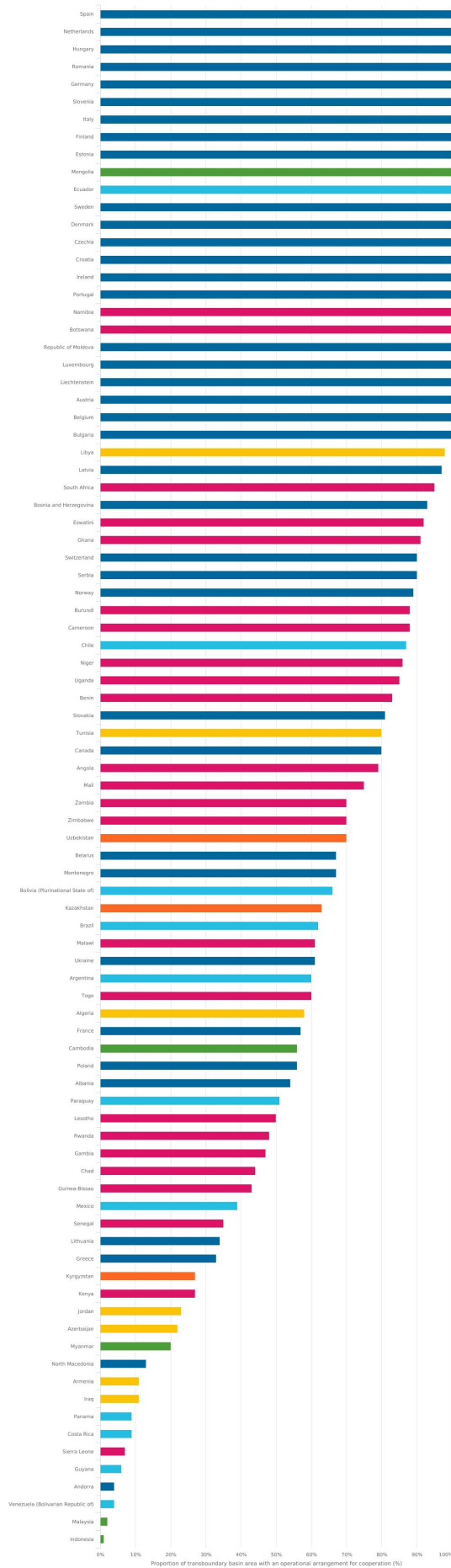


The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines represents approximately the Line of Control in Jammu and Kashmir agreed upon by India and Pakistan. The final status of Jammu and Kashmir has not been agreed upon by the parties. Final boundary between the Republic of Sudan and the Republic of South Sudan has not yet been determined. Final status of the Abyei area is not yet determined. A dispute exists between the Governments of Argentina and the United Kingdom of Greater Britain and Northern Ireland concerning the sovereignty over the Falkland Islands (Malvinas).

Proportion of transboundary basin area with an operational arrangement for cooperation (%)

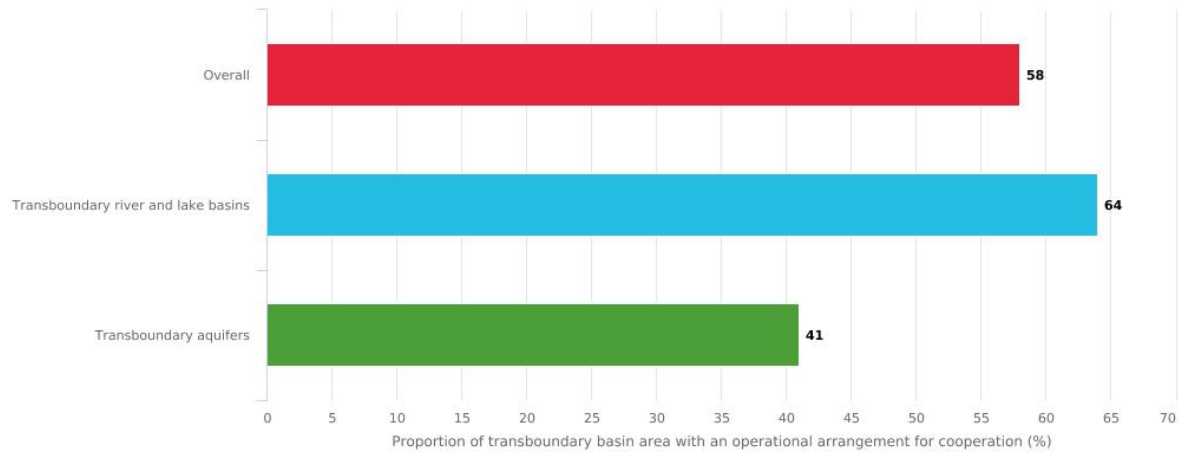


Status in different countries (or areas) of indicator 6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation (2020) ^[2]



	Australia and New Zealand		Eastern Asia and South-Eastern Asia		Central Asia and Southern Asia
	Latin America and Caribbean		Northern America and Europe		Sub-Saharan Africa
	Oceania		Western Asia and Northern Africa		

Status of different components of indicator 6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation (2020) ^[3]



Source data indicator 6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation^[5]

Country (or area), regional and world data for the latest year of reporting: 2020 - 2022

Country (or area), SDG region, world	Year	6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation		
		Overall	Transboundary river and lake basins	Transboundary aquifers
Albania	2020	54.49	56.01	51.67
Algeria	2020	57.54	0	58.32
Andorra	2020	4.38	4.38	
Angola	2020	78.84	100	15.24
Azerbaijan	2020	21.73	27.75	3.86
Argentina	2020	60.41	99.57	0
Austria	2020	100	100	100
Armenia	2020	11.34	12.41	0
Belgium	2020	100	100	100
Bosnia and Herzegovina	2020	92.6	96.14	73.32
Botswana	2020	100	100	100
Brazil	2020	62.36	98.17	0
Brunei Darussalam	2020	0	0	0
Bulgaria	2020	99.55	100	97.59
Myanmar	2020	20.02	24.78	0
Burundi	2020	88.34	92.03	79.39
Belarus	2020	67.43	67.43	67.43

Country (or area), SDG region, world	Year	6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation		
		Overall	Transboundary river and lake basins	Transboundary aquifers
Cambodia	2020	56	100	0
Cameroon	2020	88.25	87.2	92.55
Canada	2020	80.22	91.27	0
Chad	2020	44.42	35.85	53.18
Chile	2020	87.21	87.21	0
Costa Rica	2020	9	9.04	0
Croatia	2020	100	100	100
Czechia	2020	100	100	100
Benin	2020	83.33	98.3	58.47
Denmark	2020	100	100	
Dominican Republic	2020	0	0	0
Ecuador	2020	100	100	100
El Salvador	2020	0.07	0	0.64
Equatorial Guinea	2020	0	0	
Estonia	2020	100	100	100
Finland	2020	100	100	
France	2020	56.54	56.54	
Gabon	2020	0	0	0
Georgia	2020	0	0	0

Country (or area), SDG region, world	Year	6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation		
		Overall	Transboundary river and lake basins	Transboundary aquifers
Gambia	2020	46.86	90.65	0
Germany	2020	100	100	100
Ghana	2020	91.05	88.36	95.68
Greece	2020	32.76	58.14	1.03
Guyana	2020	5.94	8.35	0
Honduras	2020	0	0	0
Hungary	2020	100	100	100
Indonesia	2020	1.22	89.93	0
Iraq	2020	10.61	15.04	0
Ireland	2020	100	100	100
Italy	2020	100	100	100
Kazakhstan	2020	63.22	100	0
Jordan	2020	23.23	61.69	14.92
Kenya	2020	26.75	35.91	0
Republic of Korea	2020	0	0	0
Kyrgyzstan	2020	27.2	29.91	0
Lesotho	2020	50	100	0
Latvia	2020	97.29	100	94.52
Libya	2020	97.96		97.96
Liechtenstein	2020	100	100	100

Country (or area), SDG region, world	Year	6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation		
		Overall	Transboundary river and lake basins	Transboundary aquifers
Lithuania	2020	34.06	25.69	50.17
Luxembourg	2020	100	100	100
Malawi	2020	61.4	93.14	4.45
Malaysia	2020	1.73	13.22	0
Mali	2020	75.35	99.91	60.67
Mexico	2020	38.57	49.65	21.67
Mongolia	2020	100	100	100
Republic of Moldova	2020	100	100	100
Montenegro	2020	66.68	84.8	20.19
Morocco	2020	0	0	0
Namibia	2020	100	100	100
Netherlands	2020	100	100	100
Niger	2020	85.66	89.39	81.23
Norway	2020	89.45	89.46	88.31
Panama	2020	9.13	9.31	0
Paraguay	2020	50.86	100	0
Poland	2020	55.68	48.08	100
Portugal	2020	100	100	
Guinea-Bissau	2020	42.86	100	0
Qatar	2020	0		0

Country (or area), SDG region, world	Year	6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation		
		Overall	Transboundary river and lake basins	Transboundary aquifers
Romania	2020	100	100	100
Rwanda	2020	47.9	100	0
Senegal	2020	35.21	100	0
Serbia	2020	89.65	92.51	73.73
Sierra Leone	2020	7.02	7.02	
Slovakia	2020	80.92	100	21.94
Slovenia	2020	100	100	100
Somalia	2020	0	0	0
South Africa	2020	94.91	100	45.12
Zimbabwe	2020	69.9	72.76	43.73
Spain	2020	100	100	
Suriname	2020	0	0	0
Eswatini	2020	91.91	100	0
Sweden	2020	100	100	100
Switzerland	2020	90.23	93.5	74.11
Togo	2020	60.17	55.63	76.02
United Arab Emirates	2020	0	0	0
Tunisia	2020	80.47	0	100
Uganda	2020	84.93	98.47	0
Ukraine	2020	60.59	57.41	100

Country (or area), SDG region, world	Year	6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation		
		Overall	Transboundary river and lake basins	Transboundary aquifers
North Macedonia	2020	12.94	13.24	12.22
United Kingdom of Great Britain and Northern Ireland	2020	0	0	0
Uzbekistan	2020	69.59	100	0
Venezuela (Bolivarian Republic of)	2020	3.51	6.96	0
Zambia	2020	70.03	76.79	0
Bolivia (Plurinational State of)	2022	65.74	94.57	11.3
Afghanistan	2020		51.66	
Colombia	2020		1.08	
Democratic Republic of the Congo	2020		99.61	
Ethiopia	2020		49.51	
Guinea	2020		66.78	
Côte d'Ivoire	2020		18.04	
Lao People's Democratic Republic	2020		92.92	
Lebanon	2020		76.42	
Nicaragua	2020		0	

Country (or area), SDG region, world	Year	6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation		
		Overall	Transboundary river and lake basins	Transboundary aquifers
Nigeria	2020		100	
Peru	2020		14.11	
Viet Nam	2020		30.46	0
Thailand	2020		100	
Turkmenistan	2020		66.02	
Egypt	2020		100	
Burkina Faso	2020		93.57	
World	2020	58.01	64.86	41.8

Description of indicators

[1]

6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation > Overall

Proportion of total surface area of transboundary basins (river, lake or aquifer) within a country with an operational arrangement for water cooperation in place.

[2]

6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation > Overall

Proportion of total surface area of transboundary basins (river, lake or aquifer) within a country with an operational arrangement for water cooperation in place.

[3]

6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation > Overall

Proportion of total surface area of transboundary basins (river, lake or aquifer) within a country with an operational arrangement for water cooperation in place.

6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation > Transboundary river and lake basins

Proportion of total surface area of transboundary basins/sub-basins of rivers and lakes within the territory of the country with an operational arrangement for water cooperation in place.

6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation > Transboundary aquifers

Proportion of total surface area of transboundary aquifers within the territory of the country with an operational arrangement for water cooperation in place.

[4]

6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation > Overall

Proportion of total surface area of transboundary basins (river, lake or aquifer) within a country with an operational arrangement for water cooperation in place.

6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation > Transboundary river and lake basins

Proportion of total surface area of transboundary basins/sub-basins of rivers and lakes within the territory of the country with an operational arrangement for water cooperation in place.

6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation > Transboundary aquifers

Proportion of total surface area of transboundary aquifers within the territory of the country with an

operational arrangement for water cooperation in place.

About

Through the UN-Water Integrated Monitoring Initiative for Sustainable Development Goal (SDG) 6, the United Nations seeks to support countries in monitoring water- and sanitation-related issues within the framework of the 2030 Agenda for Sustainable Development, and in compiling country data to report on global progress towards SDG 6. The Initiative brings together the United Nations agencies who are formally mandated to compile country data for the purpose of global reporting on SDG 6.

To learn more about water and sanitation in the 2030 Agenda for Sustainable Development, and the Integrated Monitoring Initiative for SDG 6, visit our website:

www.sdg6monitoring.org

Monitoring SDG 6 involves a wide range of stakeholders across different sectors and levels of government. To enable a comprehensive assessment and analysis of the state of water resources and possible development paths, one of the monitoring effort's key objectives is to collate all the information, in support of an integrated management approach that helps reduce institutional fragmentation. For this reason, the Integrated Monitoring Initiative has developed the SDG 6 Data Portal, which brings together data on all the SDG 6 global indicators, as well as other key social, economic and environmental data.

To explore the data and assess progress towards SDG 6, and generate snapshots such as this one, visit our portal: www.sdg6data.org.



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