

Progress on Integrated Water Resources Management (SDG target 6.5)

54%

is the degree of implementation of integrated water resources management (IWRM) at the global level (SDG indicator 6.5.1, 2020)

- Data provider: UNEP through [UNEP-DHI IWRM Data Portal](#)
- **Available time series: 2017-2020**
- Number of countries (and areas) reporting in the last five years: 185
- Proportion of world population covered by reporting in the last five years: 99%
- Proportion of world economy covered by reporting in the last five years: 97%
- Proportion of world land area covered by reporting in the last five years: 92%
- [Learn more about the indicator here](#)
- [Read the latest progress report here](#)

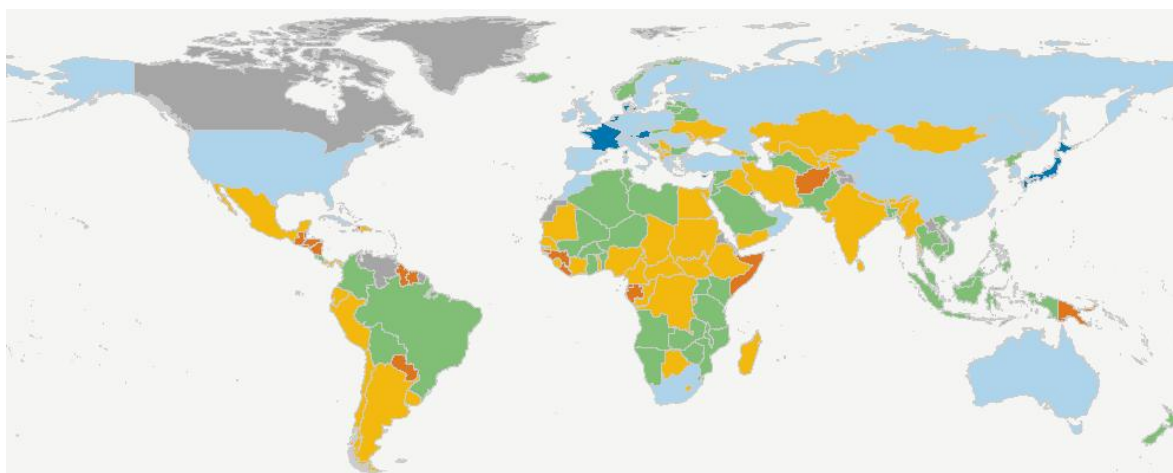


Sustainable, integrated water resources management is vital for long-term social, economic and environmental well-being – the three pillars of the 2030 Agenda – and helps to balance competing water demands from across society and the economy.

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

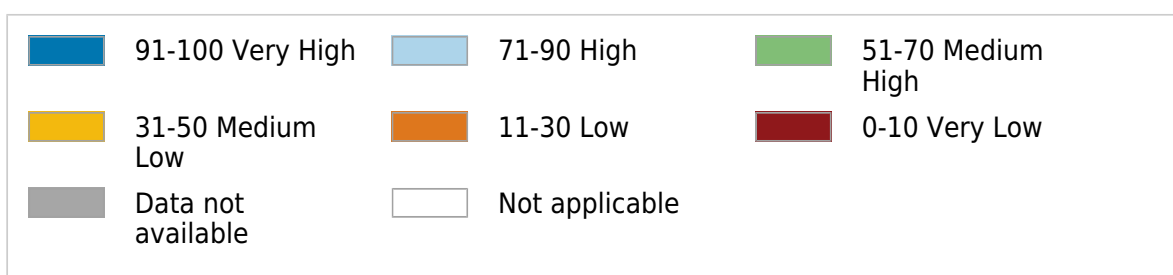
To track progress towards the target, indicator 6.5.1 monitors the degree of integrated water resources management (IWRM) implementation, by assessing the four key dimensions of IWRM: enabling environment, institutions and participation, management instruments and financing.

Global status of indicator 6.5.1 Degree of integrated water resources management implementation (0-100) (2020) ^[1]

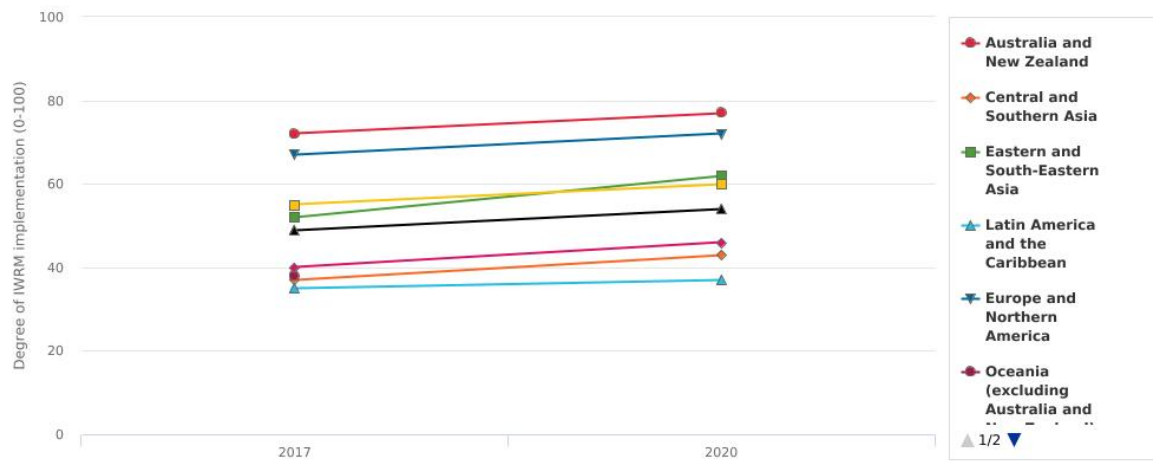


The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or 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).

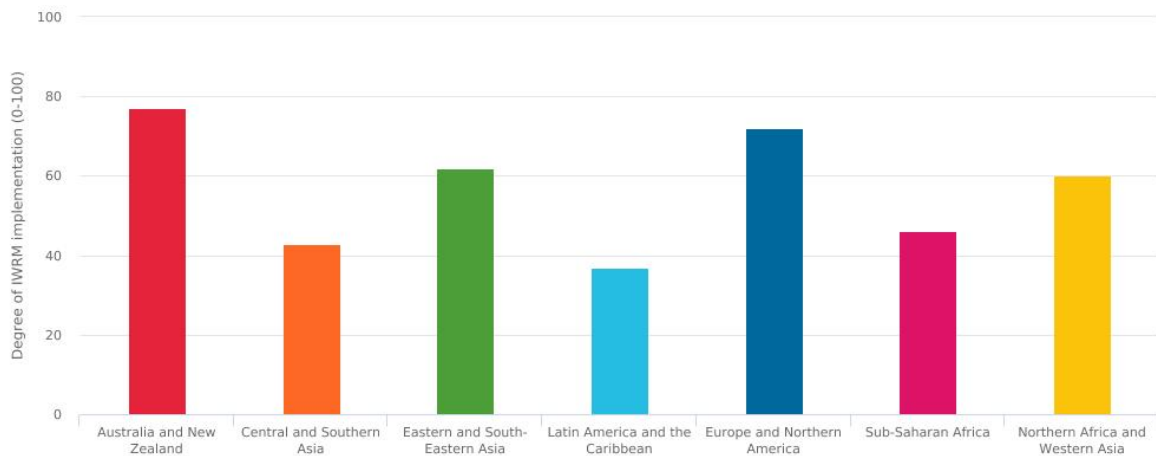
Degree of IWRM implementation (0-100)



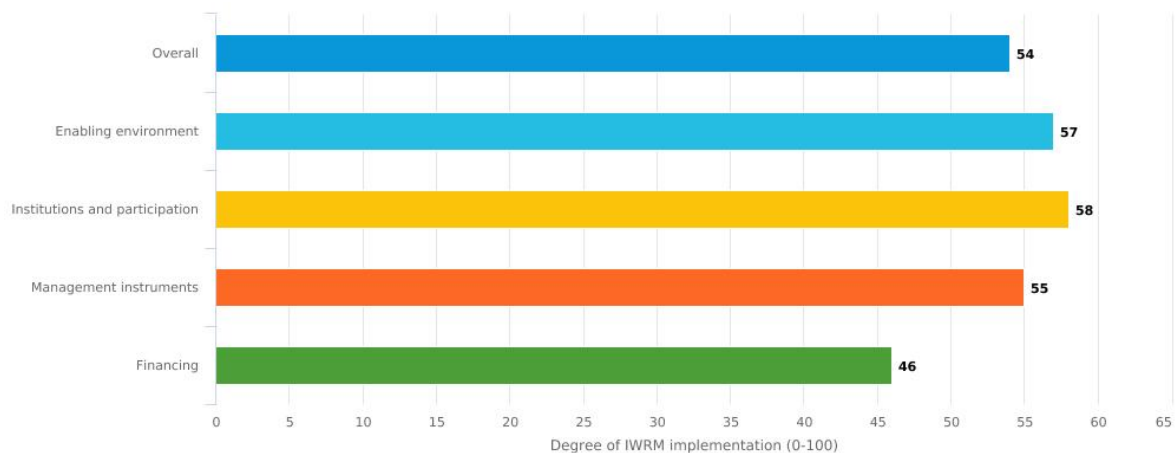
Progress over time of indicator 6.5.1 Degree of integrated water resources management implementation (0-100) ^[2]



Status in different SDG regions of indicator 6.5.1 Degree of integrated water resources management implementation (0-100) (2020) ^[4]



Status of different dimensions of indicator 6.5.1 Degree of integrated water resources management implementation (0-100) (2020) ^[5]



Source data indicator 6.5.1 Degree of integrated water resources management implementation (0-100)^[6]

Country (or area), regional and world data for the latest year of reporting: 2017 - 2020

Country (or area), SDG region, world	Year	6.5.1 Degree of integrated water resources management implementation (0-100)				
		Overall	Enabling environment	Institutions and participation	Management instruments	Financing
Afghanistan	2020	12	23	13	9	2
Albania	2020	47	49	58	47	33
Algeria	2020	54	49	51	57	60
Andorra	2020	36	23	41	43	35
Angola	2020	61	69	67	64	43
Antigua and Barbuda	2020	35	28	47	45	20
Azerbaijan	2020	57	66	61	54	48
Argentina	2017	38	39	48	34	32
Australia	2020	88	85	89	91	88
Austria	2020	91	92	95	93	84
Bahamas	2020	34	37	30	40	27
Bahrain	2020	39	28	48	41	40
Bangladesh	2020	58	59	60	61	50
Armenia	2020	52	61	46	47	54
Barbados	2020	46	38	60	63	23
Belgium	2020	82	83	95	88	63
Bhutan	2020	33	36	27	38	32
Bolivia (Plurinational State of)	2020	52	60	51	51	45
Bosnia and Herzegovina	2020	53	60	53	56	43
Botswana	2020	48	44	38	49	62
Brazil	2020	63	71	71	57	53
Belize	2020	21	20	25	33	7
Solomon Islands	2020	30	30	30	35	24

Country (or area), SDG region, world	Year	6.5.1 Degree of integrated water resources management implementation (0-100)				
		Overall	Enabling environment	Institutions and participation	Management instruments	Financing
Brunei Darussalam	2020	70	87	51	80	60
Bulgaria	2020	69	77	72	70	58
Myanmar	2020	33	41	31	36	23
Burundi	2020	47	50	56	48	33
Belarus	2020	54	50	56	66	42
Cambodia	2020	59	61	64	58	52
Cameroon	2020	40	37	44	43	35
Cabo Verde	2020	62	78	66	41	64
Central African Republic	2020	37	53	47	24	23
Sri Lanka	2020	47	53	64	40	32
Chad	2020	37	43	44	39	20
Chile	2020	32	19	39	38	30
China	2020	80	83	75	79	82
Colombia	2020	57	57	70	57	42
Comoros	2020	20	37	26	10	7
Congo	2020	43	49	41	44	38
Democratic Republic of the Congo	2020	32	36	40	26	27
Costa Rica	2020	51	49	56	52	45
Croatia	2020	90	97	98	84	80
Cuba	2020	82	80	87	84	76
Cyprus	2020	93	97	96	89	90
Czechia	2020	80	87	83	83	67
Benin	2020	68	69	78	71	52
Denmark	2020	95	94	96	96	92
Dominica	2020	47	25	61	55	48

Country (or area), SDG region, world	Year	6.5.1 Degree of integrated water resources management implementation (0-100)				
		Overall	Enabling environment	Institutions and participation	Management instruments	Financing
Dominican Republic	2020	36	32	50	44	16
Ecuador	2020	38	40	47	52	13
El Salvador	2020	23	26	25	23	18
Equatorial Guinea	2020	23	40	29	0	24
Ethiopia	2020	41	41	45	39	37
Estonia	2020	85	91	96	80	73
Fiji	2020	56	28	61	70	63
Finland	2020	80	88	80	82	68
France	2020	100	100	100	100	100
Gabon	2020	29	23	33	27	32
Georgia	2020	44	42	59	39	36
Gambia	2020	31	34	35	32	23
Germany	2020	89	94	89	87	85
Ghana	2020	57	67	61	48	52
Greece	2020	86	97	87	87	72
Grenada	2020	31	25	25	34	40
Guatemala	2020	21	16	25	23	18
Guinea	2020	25	19	27	27	27
Guyana	2020	19	19	13	23	20
Haiti	2020	30	27	38	28	25
Honduras	2020	25	21	29	29	20
Hungary	2020	75	80	79	77	63
Iceland	2020	69	55	75	78	67
India	2020	45	41	39	63	37
Indonesia	2020	66	67	66	63	68
Iran (Islamic Republic of)	2020	40	40	39	45	36

Country (or area), SDG region, world	Year	6.5.1 Degree of integrated water resources management implementation (0-100)				
		Overall	Enabling environment	Institutions and participation	Management instruments	Financing
Iraq	2020	38	33	42	56	20
Ireland	2020	81	81	80	84	78
Israel	2020	85	82	83	81	93
Italy	2020	77	89	78	76	63
Côte d'Ivoire	2020	40	34	46	46	33
Jamaica	2020	50	52	51	68	30
Japan	2020	95	100	96	93	90
Kazakhstan	2020	46	37	51	51	43
Jordan	2020	64	70	58	72	57
Kenya	2020	59	73	72	49	40
Democratic People's Republic of Korea	2020	63	84	68	58	40
Republic of Korea	2020	76	71	87	83	63
Kuwait	2020	94	87	100	88	100
Kyrgyzstan	2020	31	27	30	43	23
Lao People's Democratic Republic	2020		64	61	66	58
Lebanon	2020	25	37	26	24	13
Lesotho	2020	45	72	46	38	23
Latvia	2020	62	58	66	77	47
Liberia	2020	15	17	18	13	12
Libya	2020	60	54	67	60	60
Liechtenstein	2020	72	77	67	70	75
Lithuania	2020	61	68	45	62	70
Luxembourg	2020	89	84	92	90	88
Madagascar	2020	38	40	38	63	10
Malawi	2020	55	76	57	43	43

Country (or area), SDG region, world	Year	6.5.1 Degree of integrated water resources management implementation (0-100)				
		Overall	Enabling environment	Institutions and participation	Management instruments	Financing
Malaysia	2020	63	76	65	58	52
Maldives	2020	42	48	49	31	40
Mali	2020	52	58	60	56	35
Malta	2020	86	88	82	88	87
Mauritania	2020	47	53	58	33	44
Mauritius	2020	68	70	67	63	73
Mexico	2020	42	49	47	43	28
Monaco	2020	94	98	93	88	95
Mongolia	2020	45	54	45	43	37
Republic of Moldova	2020	46	57	53	46	27
Montenegro	2020	35	54	24	38	23
Morocco	2020	71	78	76	66	62
Mozambique	2020	62	81	81	54	33
Oman	2020	79	90	81	86	60
Namibia	2020	53	53	55	50	52
Nepal	2020	37	27	51	36	32
Netherlands	2020	92	94	92	87	93
Vanuatu	2020	45	53	63	49	16
New Zealand	2020	65	72	64	64	60
Nicaragua	2020	30	39	32	31	17
Niger	2020	53	60	73	56	23
Nigeria	2020	44	46	48	41	42
Norway	2020	68	64	75	66	67
Micronesia (Federated States of)	2020	49	50	59	46	42
Marshall Islands	2020	36	37	42	50	16
Pakistan	2020	56	61	60	49	53

Country (or area), SDG region, world	Year	6.5.1 Degree of integrated water resources management implementation (0-100)				
		Overall	Enabling environment	Institutions and participation	Management instruments	Financing
Panama	2020	33	40	38	30	25
Papua New Guinea	2020	19	17	20	30	7
Paraguay	2020	27	29	28	26	23
Peru	2020	41	45	47	42	30
Philippines	2020	56	63	62	60	38
Poland	2020	74	80	80	72	62
Portugal	2020	72	76	68	78	67
Guinea-Bissau	2020	19	17	25	22	13
Timor-Leste	2020	14	4	21	21	10
Qatar	2020	81	60	90	90	85
Romania	2020	77	92	82	82	52
Russian Federation	2020	88	100	93	87	73
Rwanda	2020	66	70	73	66	53
Saint Kitts and Nevis	2020	23	15	23	33	20
Saint Lucia	2020	40	40	41	45	32
Saint Vincent and the Grenadines	2020	24	18	20	48	8
San Marino	2020	66	67	60	68	70
Sao Tome and Principe	2020	33	38	38	35	20
Saudi Arabia	2020	57	42	69	71	46
Senegal	2020	50	57	50	56	37
Serbia	2020	36	37	42	42	23
Seychelles	2020	55	60	70	56	35
Sierra Leone	2020	36	44	42	32	27
Singapore	2020	100	100	100	100	100
Slovakia	2020	61	64	71	62	48

Country (or area), SDG region, world	Year	6.5.1 Degree of integrated water resources management implementation (0-100)				
		Overall	Enabling environment	Institutions and participation	Management instruments	Financing
Viet Nam	2020	52	60	46	44	57
Slovenia	2020	87	87	88	81	90
Somalia	2020	22	27	19	26	17
South Africa	2020	71	82	75	71	57
Zimbabwe	2020	63	74	67	56	53
Spain	2020	87	94	99	90	66
South Sudan	2020	43	46	57	42	28
Sudan	2020	34	43	35	36	23
Suriname	2020	23	21	24	33	15
Eswatini	2020	59	69	57	67	43
Sweden	2020	86	81	85	87	90
Switzerland	2020	81	71	79	81	92
Syrian Arab Republic	2020	56	73	62	50	37
Tajikistan	2020	46	49	43	48	42
Thailand	2020	53	60	59	41	50
Togo	2020	34	50	28	32	25
Tonga	2020	35	40	40	49	10
Trinidad and Tobago	2020	34	30	41	40	23
United Arab Emirates	2020	79	69	82	73	93
Tunisia	2020	60	59	62	58	60
Türkiye	2020	72	78	75	73	62
Turkmenistan	2020	64	63	48	63	80
Tuvalu	2020	45	48	69	38	24
Uganda	2020	62	63	63	60	63
Ukraine	2020	39	35	49	40	32
North Macedonia	2020	33	35	26	43	28

Country (or area), SDG region, world	Year	6.5.1 Degree of integrated water resources management implementation (0-100)				
		Overall	Enabling environment	Institutions and participation	Management instruments	Financing
Egypt	2020	42	47	46	49	24
United Kingdom of Great Britain and Northern Ireland	2020	79	86	85	76	68
United Republic of Tanzania	2020	54	64	64	46	42
United States of America	2020	77	84	77	78	68
Burkina Faso	2020	66	74	84	57	50
Uruguay	2020	34	40	42	36	19
Uzbekistan	2020	48	41	53	60	37
Samoa	2020	75	78	78	74	70
Yemen	2020	36	50	47	36	12
Zambia	2020	58	67	75	49	40
Northern Africa and Western Asia	2020	60	61	64	61	54
Oceania (excluding Australia and New Zealand)	2017-2020	38	42	51	49	30
Europe and Northern America	2020	72	75	75	74	65
Eastern and South-Eastern Asia	2020	62	67	62	61	55
Central and Southern Asia	2020	43	43	45	46	39
World	2020	54	57	58	55	46
Australia and New Zealand	2020	77	79	77	78	74
Sub-Saharan Africa	2020	46	53	52	44	36

Country (or area), SDG region, world	Year	6.5.1 Degree of integrated water resources management implementation (0-100)				
		Overall	Enabling environment	Institutions and participation	Management instruments	Financing
Latin America and the Caribbean	2020	37	36	41	42	28

Description of indicators

[1]

6.5.1 Degree of integrated water resources management implementation (0-100) > Overall

6.5.1 Overall Score: The degree to which Integrated Water Resources Management (IWRM) is implemented, assessed by the four main dimensions of IWRM: enabling environment, institutions and participation, management instruments and financing. The degree of implementation is measured on a scale of zero to 100, using a self-assessed country questionnaire. The questionnaire contains questions at national, subnational, basin/aquifer, local and transboundary levels.

[2]

6.5.1 Degree of integrated water resources management implementation (0-100) > Overall

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[3]

6.5.1 Degree of integrated water resources management implementation (0-100) > Overall

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[4]

6.5.1 Degree of integrated water resources management implementation (0-100) > Overall

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6.5.1 Degree of integrated water resources management implementation (0-100) > Enabling environment

Enabling environment: the conditions that help to support the implementation of IWRM, which includes the most typical policy, legal and strategic planning tools.

6.5.1 Degree of integrated water resources management implementation (0-100) > Institutions and participation

Institutions and participation is one of the main dimensions of IWRM. It refers to the range and roles of political, social, economic and administrative institutions and other stakeholder groups that help to support

implementation.

6.5.1 Degree of integrated water resources management implementation (0-100) >

Management instruments

Management instruments: the tools and activities that enable decision makers and users to make rational and informed choices between alternative actions.

6.5.1 Degree of integrated water resources management implementation (0-100) > Financing

Financing: budgeting and financing made available and used for water resources development and management from various sources.

[5]

6.5.1 Degree of integrated water resources management implementation (0-100) > Overall

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Financing: budgeting and financing made available and used for water resources development and management from various sources.

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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WMO

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ET DES AFFAIRES
ÉTRANGÈRES

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Federal Ministry
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Ministry of Infrastructure
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