

Multilateralism Index Methodology

The MI has been constructed in the following way:

- Unit of Analysis: Global
- Weights: Equal weighting of indicators
- Imputation: Linear interpolation keeping values constant at tails of time series



The below table shows the internal mechanics of the index.

Domain	Dimension	Variable Name	Earliest	Latest	Min. Band	Max Band	Min. Value	Max. Value	Short Name	Source	Units
Peace and Security	Participation	Power-Weighted Disarmament Treaties	1947	2020	0	100	0 (1951)	1 (1991)	Treaties	UN	Percentage of Global Power
		UN Security Council Vetoes	1947	2020	13	0	1 (1955)	13 (1947)	Security Council Vetoes	UN	Number
		UN Security Council Resolutions	1947	2020	0	93	1 (1959)	93 (1993)	Security Council Resolutions	UN	Number
		UN Peacekeeping Funding	2006	2019	0	10,631,063,708	2,515,061,599 (2006)	10,631,063,708 (2016)	Peacekeeping Funding	UN	US Dollar
		UN Peacekeeping Number of Donors	2006	2019	0	193	147 (2008)	193 (2014)	Peacekeeping Number of Donors	UN	Number
		DPO Staff Size	2005	2015	0	359	196 (2007)	359 (2009)	DPO Staff Size	UN	Number
	Performance	Battle Deaths	1989	2020	112,722	0	12,201 (2005)	112,722 (2014)	Battle Deaths	UCDP	Number
		Number of State-Based Conflicts	1975	2020	170	0	144 (2020)	170 (1975)	State Conflicts	UCDP	Number
		Multilateral Arms Embargoes	1963	2020	0	36	1 (1963)	39 (2015)	Multilateral Arms Embargoes	SIPRI	Number
		Lasting Peace Agreements	2005	2020	0	100	0 (2020)	0 (2005)	Peace Agreements	PA-X	Percentage
		Positive Peace	2009	2020	5	100	3.01 (2009)	2.91 (2019)	Positive Peace	IEP	Number
	Inclusivity	DPO Gender Parity	2005	2020	0	50	28 (2007)	41 (2009)	DPO Gender Parity	UN	Percentage
		DPO Directors Gender Parity	2005	2020	0	50	16 (2017)	43 (2012)	DPO Directors	UN	Percentage
		Arria-Formula Meetings with Civil Society Representation	2000	2020	0	14	0 (2011)	14 (2019)	Arria-Formula Meetings with Civil Society Organizations	UN Security Council Report	Number

Domain	Dimension	Variable Name	Earliest	Latest	Min. Band	Max Band	Min. Value	Max. Value	Short Name	Source	Units
Human Rights	Participation	Power-Weighted Human Rights Treaties	1966	2020	0	100	2 (1966)	73 (2006)	Treaties	OHCHR	Percentage of Global Power
		OHCHR Funding	2008	2020	0	179,567,341	98,826,250 (2010)	179,567,341 (2020)	OHCHR State Funding	OHCHR	US Dollars
		OHCHR Number of Donors	2008	2020	0	82	61 (2020)	82 (2008)	OHCHR Number of Donors	OHCHR	Number
		OHCHR Staff Size	2005	2020	0	710	116 (2005)	710 (2020)	OHCHR Staff Size	OHCHR	Number
		Percentage of Countries with Fully Accredited National Human Rights Institutions	2000	2019	0	100	17 (2020)	42 (2019)	NHRIs	SDG Data Hub	Percentage of Countries
		Percentage of Countries with Standing Invitations for Special Procedures Country Visits	1999	2020	0	100	1 (1999)	66 (2020)	Standing Invitations	OHCHR	Percentage of Countries
	Performance	Global Average PTS Human Rights Score	1976	2020	5	1	2.3 (1978)	2.7 (2020)	PTS Human Rights	Political Terror Scale	Scale of 1 (best) and 5 (worst)
		Average PTS Human Rights of UNHRC Members	2006	2019	5	1	2.3 (2013)	2.8 (2019)	PTS Human Rights HRC Members	OHCHR; Political Terror Scale	Scale of 1 (best) and 5 (worst)
		Number of NGO Observers in in UNHRC Sessions	2006	2020	0	352	136 (2006)	352 (2019)	UNHRC NGOs	OHCHR; IEP	Number
	Inclusivity	OHCHR Funding (Non-state Contributions)	2008	2020	0	44,764,217	10,486,243 (2010)	44,764,217 (2020)	OHCHR Non-state Funding	OHCHR	US Dollars
		OHCHR Gender Parity	2005	2020	0	50	50 (2007)	56 (2017)	OHCHR Gender Parity	UN	Percentage
		OHCHR Directors Gender Parity	2005	2020	0	50	18 (2008)	35 (2017)	OHCHR Directors Gender Parity	UN	Percentage

Domain	Dimension	Variable Name	Earliest	Latest	Min. Band	Max Band	Min. Value	Max. Value	Short Name	Source	Units
Environment	Participation	Power-Weighted Environmental Treaties	1994	2020	0	100	1 (1994)	1 (2004)	Treaties	IEADB; COW	Percentage
		UNEP State Funding	1973	2020	0	89,382,528	11,521,778 (1973)	89,382,528 (2008)	UNEP Funding	UNEP	US Dollars
		UNEP Number of Donors	1973	2020	0	125	32 (1973)	125 (2003)	UNEP Number of Donors	UNEP	Number
		UNEP Staff Size	2005	2020	0	732	355 (2005)	732 (2020)	UNEP Staff Size	UNEP	Number
	Performance	Sufficiency of Climate Policy of Seven of the World's Largest Polluters	2011	2020	0	100	20 (2018)	36 (2011)	Effective Climate Policy	Climate Action Tracker	Weighted Percentage of Policy Sufficiency
		CO ₂ Emissions	2000	2020	34,064,002,903	0	22,624,207,250 (2000)	34,064,002,903 (2019)	CO ₂ Emissions	Global Carbon Project	Tons
		Environmental Resilience	1995	2020	0	100	46 (1995)	50 (2018)	Environmental Resilience	Notre Dame	Scale of 0 (worst) to 100 (best)
	Inclusivity	UNEP Gender Parity	2005	2015	0	50	36 (2006)	53 (2020)	UNEP Gender	UN	Percentage
		UNEP Directors Gender Parity	2005	2015	0	50	20 (2006)	42 (2019)	UNEP Directors Gender Parity	UN	Percentage
		UNEP Non-State Accreditations	1995	2020	0	623	1 (1995)	623 (2020)	UNEP NGO Accreditations	UNEP	Number

Domain	Dimension	Variable Name	Earliest	Latest	Min. Band	Max Band	Min. Value	Max. Value	Short Name	Source	Units
Public Health	Participation	Power-Weighted Global Health Agreements	1947	2020	0	100	29 (1947)	99 (1993)	Health Treaties	UN Treaty Collection	Percentage of Global Power
		IHR Country Reporting	2010	2020	0	100	44 (2011)	97 (2018)	IHR Reporting	WHO	Percentage of Countries Reporting
		WHO Country Revenue	2010	2020	0	2,504,633,338	1,241,246,774 (2012)	2,504,633,338 (2020)	WHO Country Revenue	WHO	US Dollars
		WHO Number of Donor Countries	2010	2020	0	196	195 (2010)	196 (2012)	WHO Number of Donor Countries	WHO	Number
		WHO Staff Size	1999	2020	0	8,343	3,452 (1999)	8,343 (2020)	WHO Staff Size	WHO	Number
	Performance	Global Life Expectancy	1960	2019	53	73	53 (1960)	73 (2019)	Global Life Expectancy	World Bank	Number
		IHR Global Capacity	2010	2020	0	100	58 (2010)	76 (2016)	IHR Capacity	WHO	Number
		Births with Skilled Health Staff Present	2000	2020	0	100	63 (2000)	81 (2018)	Births With Skilled Health Staff	World Bank	Percentage
		Vaccine Coverage	1980	2020	0	100	20 (1980)	86 (2016)	Vaccine Coverage	World Bank	Percentage
		Early Death	2000	2019	21	19	23 (2000)	19 (2019)	Early Death	WHO	Percentage
	Inclusivity	WHO Gender Parity	2005	2020	0	50	36 (2005)	48 (2020)	WHO Gender Parity	UN	Percentage
		WHO Directors Gender Parity	2005	2020	0	50	21 (2005)	36 (2020)	WHO Directors Gender Parity	UN	Percentage
		WHO Non-state Actor Relations	2000	2020	0	285	70 (2017)	285 (2010)	WHO Non-state Actor Relations	WHO	Number
		WHO Non-state Revenue	2010	2020	0	1,625,194,777	662,911,240 (2010)	1,625,194,777 (2020)	WHO Non-state Revenue	WHO	US Dollars
		WHO Number of Non-state Donors	2010	2020	0	292	211 (2018)	292 (2010)	WHO Number Non-state	WHO	Number

Domain	Dimension	Variable Name	Earliest	Latest	Min. Band	Max Band	Min. Value	Max. Value	Short Name	Source	Units
Trade	Participation	WTO/GATT Membership	1948	2929	9	199	51 (1960)	94 (2015)	WTO Membership	WTO	Percentage of Countries
		UNCTAD Funding	1995	2018	0	29,585,034	10,288,798 (1999)	29,585,034 (2011)	UNCTAD State Funding	UNCTAD	US Dollars
		UNCTAD Number of Donors	1995	2018	0	87	40 (1995)	87 (2009)	UNCTAD Number of Donors	UNCTAD	Number of Countries
		Prevalence of Multilateral FTAs	1958	2020	0	100	39 (2015)	100 (1958)	Prevalence of Multilateral FTAs	WTO	Percentage of all FTAs
		WTO Staff Size	2000	2020	0	647	512 (2001)	647 (2015)	WTO Staff Size	WTO	Number
	Performance	Trade-Facilitating Policies	2009	2020	0	100	22 (2019)	33 (2016)	Free Trade Policies	Global Trade Alert	Percentage
		Global Average Trade Tariffs	1988	2017	0	9	3 (2017)	9 (1994)	Tariff Reduction	World Bank	Tariff Percentage
		Requests for Consultations	1995	2020	0	50	5 (2020)	50 (1997)	Requests to WTO	WTO	Number
		Trade as a Percentage of Global GDP	1970	2020	0	100	25 (1970)	61 (2008)	Trade % of	World Bank	Percentage of Global GDP
		Trade Review Mechanisms	1995	2020	0	23 (2016)	7 (2020)	23 (2016)	Trade Reviews	WTO	Number
	Inclusivity	UNCTAD Non-state Funding	1995	2018	0	1,628,561	135,389 (1996)	1,628,561 (2011)	UNCTAD Non-state	UNCTAD	US Dollars
		UNCTAD NGO Accreditations	1993	2020	0	241	156 (1993)	241 (2019)	UNCTAD NGO Accreditations	UNCTAD	Number
		WTO Gender Parity	2005	2020	0	50	51 (2005)	54 (2011)	WTO Gender Parity	WTO	Percentage
		WTO Directors Gender Parity	2000	2020	0	50	0 (2000)	1 (2011)	WTO Gender Parity	WTO	Percentage