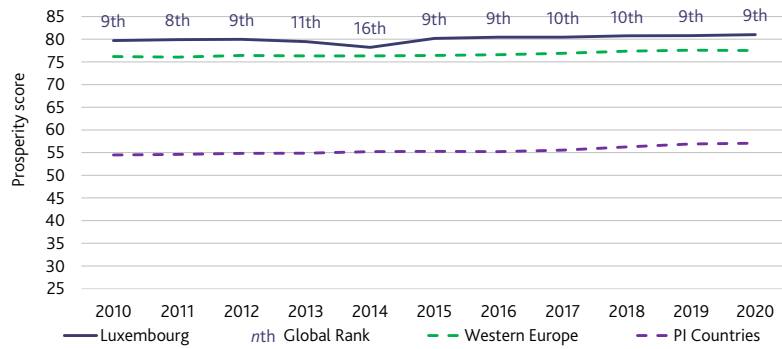


Prosperity over time



Breakdown of performance

	2010	Score 10-year trend	2020	Rank - Global (1 to 167) 2020	10-year rank change	Rank - Western Europe (1 to 20) 2020
Prosperity score	79.7		81.0	9	-	8
Inclusive Societies	81.8		82.6	9	-	8
Safety and Security	94.3		94.3	3	▼ 2	3
Personal Freedom	86.0		88.3	6	▲ 1	6
Governance	86.4		86.8	8	-	7
Social Capital	60.4		60.9	28	▼ 4	14
Open Economies	77.8		78.7	9	▲ 1	6
Investment Environment	74.8		74.9	24	▼ 2	13
Enterprise Conditions	78.5		81.6	7	▲ 6	4
Market Access and Infrastructure	79.9		80.5	10	▼ 3	7
Economic Quality	77.8		77.9	3	▼ 1	2
Empowered People	79.6		81.8	16	▲ 2	10
Living Conditions	95.2		95.9	7	▼ 1	6
Health	79.8		83.0	8	▲ 6	5
Education	74.2		79.2	36	▲ 4	18
Natural Environment	69.1		69.0	11	▼ 1	7

Pillar		Prosperity score 10-yr trend		Global Rank 10-yr rank change		Western Europe Rank 2020		Pillar		Prosperity score 10-yr trend		Global Rank 10-yr rank change		Western Europe Rank 2020	
Safety and Security		94.3		94.3	3	2	3	Personal Freedom		86.0		88.3	6	1	6
War and Civil Conflict	20%	100.0		95.0	29	28	16	Agency	25%	87.1		85.5	14	3	12
Terrorism	15%	100.0		100.0	1	-	1	Freedom of Assembly and Association	20%	93.2		93.2	3	4	3
Politically Related Terror and Violence	30%	100.0		100.0	1	-	1	Freedom of Speech and Access to Information	20%	94.8		92.1	8	1	8
Violent Crime	25%	81.8		90.9	2	4	2	Absence of Legal Discrimination	20%	75.5		83.9	6	10	6
Property Crime	10%	88.5		75.7	35	30	11	Social Tolerance	15%	76.8		87.1	6	1	4
Governance		86.4		86.8	8	-	7	Social Capital		60.4		60.9	28	4	14
Executive Constraints	15%	83.1		83.1	11	-	9	Personal and Family Relationships	20%	70.6		81.1	41	41	13
Political Accountability	15%	95.1		95.1	10	6	7	Social Networks	20%	71.3		75.3	42	7	13
Rule of Law	15%	82.1		82.7	6	2	6	Interpersonal Trust	20%	40.0		36.7	80	26	14
Government Integrity	20%	81.8		83.2	8	-	6	Institutional Trust	20%	76.2		77.5	7	1	4
Government Effectiveness	20%	93.0		94.4	6	6	5	Civic and Social Participation	20%	43.8		33.9	119	46	17
Regulatory Quality	15%	82.3		81.0	9	4	7								
Investment Environment		74.8		74.9	24	2	13	Enterprise Conditions		78.5		81.6	7	6	4
Property Rights	30%	80.8		82.8	13	6	8	Domestic Market Contestability	30%	94.7		94.5	10	9	8
Investor Protection	20%	57.8		60.0	54	8	18	Environment for Business Creation	25%	77.8		82.1	19	5	12
Contract Enforcement	20%	68.6		68.6	21	6	8	Burden of Regulation	25%	70.0		73.3	15	9	2
Financing Ecosystem	20%	84.3		80.9	14	2	6	Labour Market Flexibility	10%	53.1		64.2	19	28	3
Restrictions on International Investment	10%	84.3		81.4	12	-	4	Price Distortions	10%	78.1		79.7	7	5	5
Market Access and Infrastructure		79.9		80.5	10	3	7	Economic Quality		77.8		77.9	3	1	2
Communications	25%	92.0		97.0	1	-	1	Fiscal Sustainability	25%	77.1		79.9	6	1	4
Resources	20%	81.4		79.3	14	7	8	Macroeconomic Stability	10%	57.9		65.9	64	33	13
Transport	25%	59.7		62.5	30	2	14	Productivity and Competitiveness	30%	90.4		80.7	14	11	8
Border Administration	5%	88.1		86.1	8	3	8	Dynamism	15%	81.2		88.4	1	1	1
Open Market Scale	5%	59.9		63.7	35	19	11	Labour Force Engagement	20%	66.9		69.2	39	13	12
Import Tariff Barriers	5%	88.4		88.9	12	2	3								
Market Distortions	15%	92.8		85.1	4	-	2								
Living Conditions		95.2		95.9	7	1	6	Health		79.8		83.0	8	6	5
Material Resources	20%	93.1		94.3	9	4	9	Behavioural Risk Factors	10%	55.4		58.3	101	8	9
Nutrition	20%	98.1		98.1	1	-	1	Preventative Interventions	15%	90.7		91.9	17	9	7
Basic Services	10%	99.5		99.4	29	8	18	Care Systems	15%	76.5		80.2	12	3	11
Shelter	20%	99.3		96.9	20	17	12	Mental Health	10%	62.9		68.2	67	32	7
Connectedness	15%	95.4		96.7	3	1	3	Physical Health	20%	73.8		78.6	32	32	14
Protection from Harm	15%	85.8		90.4	18	-	15	Longevity	30%	93.8		96.2	12	2	7
Education		74.2		79.2	36	4	18	Natural Environment		69.1		69.0	11	1	7
Pre-Primary Education	5%	85.0		88.4	28	-	14	Emissions	15%	63.1		66.0	112	17	20
Primary Education	20%	90.3		89.0	34	6	15	Exposure to Air Pollution	15%	90.0		90.2	31	5	12
Secondary Education	30%	83.8		83.5	23	4	11	Forest, Land and Soil	20%	44.5		41.0	81	15	16
Tertiary Education	20%	33.8		54.1	44	33	20	Freshwater	20%	81.8		80.1	14	1	8
Adult Skills	25%	80.1		84.4	34	3	13	Oceans (Insufficient Data)	15%						
								Preservation Efforts	15%	70.1		73.5	6	-	2



Italics: Indicator contains imputed values

	Source	Unit	Weight	Value		Global Rank			Source	Unit	Weight	Value		Global Rank			
				2010	10-yr trend	2020	2010					2020	2010	10-yr trend	2020	2010	2020
War and Civil Conflict (29th)			20%	100.0		95.0	1	29	Terrorism (1st)		15%	100.0		100.0	1	1	
Two-sided conflict deaths	UCDP	deaths /1,000,000 population	0.5	0.0000		0.0000	1	1	Terrorism deaths	GTD	deaths /1,000,000 population	2.0	0.0000		0.0000	1	1
Civil and ethnic war	CSP	coding, 0-9	1.0	0.0		0.0	1	1	Terrorism injuries	GTD	injuries /1,000,000 population	1.0	0.0000		0.0000	1	1
Conflict-driven internal displacement	IDMC	people /1,000,000 population	1.0	0.0000		0.0000	1	1	Terrorism incidents	GTD	incidents /1,000,000 population	0.5	0.0000		0.0000	1	1
Refugees (origin country)	UNHCR	people /1,000,000 population	1.0	0.0000		8.0659	1	35	Property cost of terrorism	GTD	US \$ /billion US 2010 \$	1.0	0.0		0.0	1	1
Politically Related Terror and Violence (1st)			30%	100.0		100.0	1	1	Violent Crime (2nd)		25%	81.8		90.9	6	2	
Political terror	PTS	index, 1-5	2.0	1.0		1.0	1	1	Intentional homicides	UNODC	homicides /100,000 population	2.0	1.5		0.3	38	3
Extrajudicial killings	CIRIGHTS	coding, 0-2	1.0	2.0		2.0	1	1	<i>Dispute settlement through violence</i>	WJP	expert survey, 0-1	1.0	0.78		0.78	14	17
Use of torture	CIRIGHTS	coding, 0-2	1.0	2.0		2.0	1	1	Safety walking alone at night	Gallup	percentage	1.0	76.3		86.6	29	16
Disappearance cases	CIRIGHTS	coding, 0-2	1.0	2.0		2.0	1	1	Physical security of women	WomStat	index, 0-4	1.0	1.0		1.0	1	1
Political imprisonment	CIRIGHTS	coding, 0-2	0.5	2.0		2.0	1	1									
One-sided conflict deaths	UCDP	deaths /1,000,000 population	0.5	0.0		0.0	1	1									
Property Crime (35th)			10%	88.5		75.7	5	35									
Property stolen	Gallup	percentage	2.0	7.8		11.6	24	75									
Business costs of crime and violence	WEF	expert survey, 1-7	0.5	6.3		5.9	11	11									
Business costs of organised crime	WEF	expert survey, 1-7	1.0	6.8		5.6	2	27									



Luxembourg: Personal Freedom (6th): Element and indicator scores																	
<i>Italics: Indicator contains imputed values</i>																	
Agency (14th)	Source	Unit	Weight	Value		Global Rank		Freedom of Assembly and Association (3rd)	Source	Unit	Weight	Value		Global Rank			
				2010	10-yr trend	2020	2010					2020	2010	10-yr trend	2020	2010	2020
Agency (14th)			25%	87.1		85.5	11	14			20%	93.2		93.2	7	3	
Personal autonomy and individual rights	FH	coding, 0-16	1.0	16.0		16.0	1	1	Right to associate and organise	FH	coding, 0-12	1.0	12.0		12.0	1	1
<i>Due process and rights</i>	<i>WJP</i>	<i>expert survey, 0-1</i>	1.0	0.84		0.84	6	5	<i>Guarantee of assembly and association</i>	<i>WJP</i>	<i>expert survey, 0-1</i>	1.0	0.88		0.88	14	8
Freedom of movement	CIRIGHTS	coding, 0-4	1.0	4.0		4.0	1	1	Autonomy from the state	V-DEM	index, 0-1	1.0	0.96		0.96	10	3
Women's agency	WomStat	coding, 0-16	1.0	2.0		2.0	19	19									
<i>Freedom from arbitrary interference with privacy</i>	<i>WJP</i>	<i>expert survey, 0-1</i>	1.0	0.92		0.92	4	5									
Freedom from forced labour	V-DEM	index, 0-1	1.0	0.89		0.78	15	59									
Government response to slavery	CSI	index, -10-100	1.0	44.3		45.4	57	69									
Satisfaction with freedom	Gallup	percentage	1.0	93.3		91.8	4	13									
Freedom of Speech and Access to Information (8th)			20%	94.8		92.1	9	8	Absence of Legal Discrimination (6th)			20%	75.5		83.9	16	6
Press freedom from government censorship	FH	index, 0-100	1.0	12.0		14.0	6	8	<i>Equal treatment and absence of discrimination</i>	<i>WJP</i>	<i>expert survey, 0-1</i>	1.0	0.75		0.75	16	10
Press freedom from physical repression	Rsf	index, 0-100	1.0	6.7		15.5	1	17	<i>Non-discriminatory civil justice</i>	<i>WJP</i>	<i>expert survey, 0-1</i>	0.5	0.75		0.75	20	15
<i>Freedom of opinion and expression</i>	<i>WJP</i>	<i>expert survey, 0-1</i>	1.0	0.84		0.84	11	10	<i>Freedom from hiring and workplace discrimination</i>	<i>WJP</i>	<i>expert survey, 0-1</i>	1.0	0.81		0.81	8	8
Government media censorship	V-DEM	coding, 0-4	0.5	4.0		4.0	1	1	LGBT rights	ILGA	coding, 0-3	1.0	1.0		3.0	22	1
Alternative sources of information	V-DEM	coding, 0-4	1.0	0.93		0.93	15	9	Protection of women's workplace, education and family rights	WomStat	coding, 0-8	1.0	2.0		3.0	3	9
Political diversity of media perspectives	V-DEM	coding, 0-3	0.5	3.0		3.0	1	1	<i>Freedom of belief and religion</i>	<i>WJP</i>	<i>expert survey, 0-1</i>	1.0	0.82		0.82	20	11
									Government religious intimidation and hostility	Pew	index, 0-1	1.0	0.0		0.1	1	14
Social Tolerance (6th)			15%	76.8		87.1	5	6									
Perceived tolerance of ethnic minorities	Gallup	percentage	1.0	78.0		85.0	24	11									
Perceived tolerance of LGBT individuals	Gallup	percentage	1.0	67.0		83.0	7	11									
Perceived tolerance of immigrants	Gallup	percentage	1.0	86.0		88.0	3	5									



Luxembourg: Governance (8th): Element and indicator scores																	
Italics: Indicator contains imputed values																	
Element	Source	Unit	Weight	Value		Global Rank		Indicator	Source	Unit	Weight	Value		Global Rank			
				2010	10-yr trend	2020	2010					2020	2010	10-yr trend	2020	2010	2020
Executive Constraints (11th)			15%	83.1		83.1	11	11	Political Accountability (10th)			15%	95.1		95.1	4	10
<i>Executive powers are effectively limited by the judiciary and legislature</i>	WJP	expert survey, 0-3	2.0	2.46		2.46	15	13	Consensus on democracy and a market economy as a goal	BTI	expert survey, 1-10	1.0	10.0		10.0	1	1
<i>Government powers are subject to independent and non-governmental checks</i>	WJP	expert survey, 0-3	1.0	2.47		2.47	4	8	Political participation and rights	FH	coding, 1-7	0.5	1.0		1.0	1	1
<i>Transition of power is subject to the law</i>	WJP	expert survey, 0-1	1.0	0.92		0.92	12	10	Democracy level	CSP	expert survey, -10-10	1.0	10.0		10.0	1	1
Military involvement in rule of law and politics	FI	index, 0-10	0.5	10.0		10.0	1	1	Complaint mechanisms	WJP	expert survey, 0-1	1.0	0.83		0.83	4	12
<i>Government officials are sanctioned for misconduct</i>	WJP	expert survey, 0-1	1.0	0.80		0.80	13	11									
Rule of Law (6th)			15%	82.1		82.7	8	6	Government Integrity (8th)			20%	81.8		83.2	8	8
Judicial independence	WEF	expert survey, 1-7	1.0	5.9		6.2	16	10	<i>Use of public office for private gain</i>	WJP	expert survey, 0-4	2.0	2.62		2.62	9	9
<i>Civil justice</i>	WJP	expert survey, 0-6	3.0	4.60		4.60	10	13	Diversion of public funds	WEF	expert survey, 1-7	0.5	6.0		6.0	11	7
Integrity of the legal system	FI	index, 0-10	2.0	10.0		10.0	1	1	<i>Right to information</i>	WJP	expert survey, 0-1	0.5	0.74		0.74	8	10
Efficiency of dispute settlement	WEF	expert survey, 1-7	0.5	5.4		5.2	10	11	<i>Publicised laws and government data</i>	WJP	expert survey, 0-1	1.0	0.8		0.8	2	11
									<i>Transparency of government policy</i>	WEF	expert survey, 1-7	0.5	5.3		6.0	11	4
									<i>Budget transparency</i>	IBP	index, 0-100	0.5	75.8		75.8	14	18
Government Effectiveness (6th)			20%	93.0		94.4	12	6	Regulatory Quality (9th)			15%	82.3		81.0	5	9
Government quality and credibility	WGI	index, -2.5 - +2.5	2.0	1.6		1.8	15	9	Regulatory quality	WGI	index, -2.5 - +2.5	1.0	1.7		1.8	9	11
Prioritisation	BTI	expert survey, 1-10	1.0	10.0		10.0	1	1	<i>Enforcement of regulations</i>	WJP	expert survey, 0-1	1.0	0.78		0.78	9	10
Efficiency of government spending	WEF	expert survey, 1-7	0.5	4.6		5.0	21	11	Efficiency of legal framework in challenging regulations	WEF	expert survey, 1-7	1.0	5.6		5.3	2	4
Efficient use of assets	BTI	expert survey, 1-10	1.0	10.0		10.0	1	1	<i>Delay in administrative proceedings</i>	WJP	expert survey, 0-1	1.0	0.77		0.77	11	14
Implementation	BTI	expert survey, 1-10	1.0	10.0		10.0	1	1									
Policy learning	BTI	expert survey, 1-10	1.0	10.0		10.0	1	1									
Policy coordination	BTI	expert survey, 1-10	1.0	10.0		10.0	1	1									



Personal and Family Relationships (41st)											Social Networks (42nd)										
Source	Unit	Weight	2010	Value 10-yr trend	2020	Global Rank 2010	Global Rank 2020	Source	Unit	Weight	2010	Value 10-yr trend	2020	Global Rank 2010	Global Rank 2020						
20%							70.6	81.1	82	41	20%							71.3	75.3	35	42
Help from family and friends when in trouble	Gallup	percentage	2.0	94.0	91.0	4	31	Respect	Gallup	percentage	2.0	94.0	94.0	9	29						
Family give positive energy	Gallup	percentage	1.0	51.0	73.0	158	64	Opportunity to make friends	Gallup	percentage	1.0	77.0	84.0	60	44						
								Helped another household	Gallup	percentage	0.5	9.0	12.0	117	111						
Interpersonal Trust (80th)											Institutional Trust (7th)										
Source	Unit	Weight	2,010.0	Value 10-yr trend	2,020.0	Global Rank 2010	Global Rank 2020	Source	Unit	Weight	2,010.0	Value 10-yr trend	2,020.0	Global Rank 2010	Global Rank 2020						
20%							40.0	36.7	54	80	20%							76.2	77.5	6	7
Generalised interpersonal trust	IVS&Bar	percentage	1.0	31.1	31.1	38	41	Confidence in local police	Gallup	percentage	2.0	84.0	90.0	12	6						
Helped a stranger	Gallup	percentage	0.5	41.0	34.0	111	152	Public trust in politicians	WEF	expert survey, 1-7	2.0	5.6	5.6	9	8						
								Confidence in financial institutions and banks	Gallup	percentage	1.0	70.0	61.0	30	69						
								Confidence in judicial system and courts	Gallup	percentage	1.0	76.0	75.0	10	12						
								Confidence in national government	Gallup	percentage	1.0	82.0	78.0	15	19						
								Confidence in military	Gallup	percentage	0.5	59.0	76.0	113	73						
Civic and Social Participation (119th)																					
Source	Unit	Unit	2,010.0	Value 10-yr trend	2,020.0	Global Rank 2010	Global Rank 2020														
20%							43.8	33.9	73	119											
Donated money to charity	Gallup	percentage	1.5	58.0	41.0	18	33														
Voter turnout	IDEA	percentage (adjusted)	1.5	0.0	0.0	134	144														
Volunteering	Gallup	percentage	1.0	28.0	30.0	32	25														
Voiced opinion to a public official	Gallup	percentage	0.5	36.0	21.0	5	53														



Italics: Indicator contains imputed values

	Source	Unit	Weight	Value		Global Rank			Source	Unit	Weight	Value		Global Rank			
				2010	10-yr trend	2020	2010					2020	2010	2020			
Property Rights (13th)			30%	80.8		82.8	19	13	Investor Protection (54th)		20%	57.8		60.0	46	54	
Protection of property rights	WEF	expert survey, 1-7	1.0	6.1		6.1	17	7	Strength of insolvency framework	WB-DB	index, 0-16	1.0	7.0		7.0	90	114
<i>Lawful process for expropriation</i>	WJP	expert survey, 0-1	1.0	0.77		0.77	21	21	Insolvency recovery rate	WB-DB	percentage	1.5	41.7		43.9	46	53
Intellectual property protection	WEF	expert survey, 1-7	2.0	5.6		6.1	15	5	Auditing and reporting standards	WEF	expert survey, 1-7	2.0	6.0		6.1	8	6
Quality of land administration	WB-DB	index, 0-30	1.0	25.5		25.5	15	20	Extent of shareholder governance	WB-DB	index, 0-10	1.0	4.7		4.7	88	104
Procedures to register property	WB-DB	index, 0-100	1.0	63.8		63.9	81	86	Conflict of interest regulation	WB-DB	index, 0-10	0.5	4.3		5.0	110	103
Regulation of property possession and exchange	BTI	expert survey, 1-10	1.0	10.0		10.0	1	1									
Contract Enforcement (21st)			20%	68.6		68.6	15	21	Financing Ecosystem (14th)		20%	84.3		80.9	12	14	
Quality of judicial administration	WB-DB	index, 0-18	1.5	8.5		8.5	54	69	Access to finance	WB-ES	percentage	1.0	9.9		9.9	70	21
Time to resolve commercial cases	WB-DB	days	1.0	107.0		107.0	17	11	Financing of SMEs	WEF	expert survey, 1-7	1.0	5.0		4.8	32	35
Legal costs	WB-DB	percentage	0.5	3.2		3.2	2	2	Venture capital availability	WEF	expert survey, 1-7	1.0	4.6		4.2	10	14
<i>Alternative dispute resolution mechanisms</i>	WJP	expert survey, 0-1	1.0	0.85		0.85	6	8	Quality of banking system and capital markets	BTI	expert survey, 1-10	1.0	10.0		10.0	1	1
									Commercial bank branches	IMF-FAS	branches /100,000 adult population	1.0	94.6		68.0	2	2
									Soundness of banks	WEF	expert survey, 1-7	1.0	6.2		6.2	14	7
									Depth of credit information	WB-DB	index, 0-6	0.5	0.0		0.0	112	141
Restrictions on International Investment (12th)			10%	84.3		81.4	12	12									
Business impact of rules on FDI	WEF	expert survey, 1-7	2.0	6.3		5.9	24	24									
Capital controls	FI	percentage	1.0	46.2		38.5	61	64									
Freedom to own foreign currency bank accounts	FI	index, 0-10	1.0	10.0		10.0	1	1									
<i>Restrictions on financial transactions</i>	Chinn-Ito	index, 0-1	1.0	1.0		1.0	56	52									
Prevalence of foreign ownership of companies	WEF	expert survey, 1-7	1.0	6.3		6.1	5	3									
Freedom of foreigners to visit	FI	index, 0-10	1.0	6.4		7.7	41	57									



Italics: Indicator contains imputed values

Element	Source	Unit	Weight	Value		Global Rank		Indicator	Source	Unit	Weight	Value		Global Rank			
				2010	2020	2010	2020					2010	2020				
Domestic Market Contestability (10th)			30%	94.7		94.5	19	10	Environment for Business Creation (19th)			25%	77.8		82.1	24	19
Market-based competition	BTI	expert survey, 1-10	1.0	10.0		10.0	1	1	Private companies are protected and permitted	BTI	expert survey, 1-10	1.0	10.0		10.0	1	1
Anti-monopoly policy	BTI	expert survey, 1-10	1.0	10.0		10.0	1	1	Ease of starting a business	WB-DB	index, 0-100	1.0	87.2		88.8	34	67
Extent of market dominance	WEF	expert survey, 1-7	1.0	4.9		4.9	23	13	State of cluster development	WEF	expert survey, 1-7	1.0	4.6		5.1	19	11
									<i>Labour skill a business constraint</i>	WB-ES	percentage	0.5	19.9		19.9	68	77
									Availability of skilled workers	WEF	expert survey, 1-7	0.5	4.3		4.4	68	57
Burden of Regulation (15th)			25%	70.0		73.3	6	15	Labour Market Flexibility (19th)			10%	53.1		64.2	47	19
Burden of government regulation	WEF	expert survey, 1-7	1.0	3.8		4.4	35	17	Cooperation in labour-employer relations	WEF	expert survey, 1-7	1.0	5.4		5.7	12	1
<i>Time spent complying with regulations</i>	WB-ES	percentage	1.0	3.9		3.9	32	34	Flexibility of hiring practices	WEF	expert survey, 1-7	0.5	3.7		4.4	87	27
Number of tax payments	WB-DB	number per year	1.0	23.0		23.0	62	94	Redundancy costs	WEF	weeks	0.5	39.0		21.6	102	117
Time spent filing taxes	WB-DB	hours per year	1.0	59.0		55.0	5	7	Flexibility of employment contracts	WB-DB	index, 0-1	1.0	0.4		0.4	59	57
Burden of obtaining a building permit	WB-DB	index, 0-100	1.0	78.6		78.5	20	33	Flexibility of wage determination	WEF	expert survey, 1-7	1.0	4.5		5.1	132	67
Building quality control index	WB-DB	index, 0-15	0.5	15.0		15.0	1	1									
Price Distortions (7th)			10%	78.1		79.7	12	7									
Distortive effect of taxes and subsidies	WEF	expert survey, 1-7	1.0	5.25		5.36	5	3									
Energy subsidies	IMF	percentage of GDP	1.0	3.1		3.2	70	87									



Italics: Indicator contains imputed values

	Source	Unit	Weight	Value		Global Rank			Source	Unit	Weight	Value		Global Rank			
				2010	10-yr trend	2020	2010					2020	2010	2020			
Communications (1st)			25%	92.0		97.0	1	1	Resources (14th)		20%	81.4		79.3	7	14	
International internet bandwidth	ITU	kilobits per second per capita	1.0	96.8		99.1	1	1	Installed electric capacity	UNESD	kilowatts per capita	1.5	3.3		2.7	8	12
2G, 3G and 4G network coverage	GSMA	index, 0-100	2.0	96.1		98.4	16	40	Ease of establishing an electricity connection	WB-DB	index, 0-100	1.0	84.3		84.3	24	42
Fixed broadband subscriptions	ITU	number /100 population	1.0	29.5		37.1	11	15	Reliability of electricity supply	WB-DB	index, 0-7	1.0	6.0		6.0	25	31
Internet usage	ITU	percentage	1.0	82.2		97.1	8	7	Gross fixed water assets	IBNET	USD per population served	1.0	710.0		710.0	9	9
									Water production	IBNET	litres per capita per day	0.5	394.2		394.2	30	30
									Reliability of water supply	WEF	expert survey, 1-7	1.0	6.8		6.7	11	10
Transport (30th)			25%	59.7		62.5	28	30	Border Administration (8th)			5%	88.1		86.1	5	8
Logistics performance	WB-LPI	index, 1-5	1.5	3.7		3.7	22	27	Efficiency of customs clearance process	WB-LPI	survey, 1-5	1.5	3.7		3.5	15	21
Airport connectivity	WEF	index, 0-100	2.0	8,074.5		16,936.4	114	106	Time to comply with border regulations and procedures	WB-DB	hours	1.0	0.3		0.3	1	1
Efficiency of seaport services	WEF	expert survey, 1-7	2.0	4.1		4.4	63	57	Cost to comply with border regulations and procedures	WB-DB	USD (current)	0.5	0.0		0.0	1	1
Liner shipping connectivity	UNCTAD	index, rebased to 100 in 2004	0.5	48.2		48.2	22	35									
Quality of roads	WEF	expert survey, 1-7	1.0	5.8		5.5	17	15									
Road density	FAO	km per 100 sq km of land area	0.5	201.8		201.8	7	7									
Rail density	UIC	km per sq km of land area	0.5	0.11		0.12	1	1									
Open Market Scale (35th)			5%	59.9		63.7	16	35	Import Tariff Barriers (12th)			5%	88.4		88.9	14	12
Domestic and international market access for goods	WTO	percentage of global GDP	1.5	33.0		35.0	32	47	Share of imports free from tariff duties	WEF	percentage	1.5	90.5		93.8	19	16
Domestic and international market access for services	WTO	percentage of global GDP	2.0	28.5		30.1	27	45	Average applied tariff rate	WEF	percentage	2.0	0.8		1.0	4	5
Trade-weighted average tariff faced in destination markets	WEF	percentage	0.5	3.9		3.5	64	66	Complexity of tariffs	WEF	index, 1-7	0.3	3.1		2.9	139	139
Margin of preference in destination markets	WEF	index, 1-100	0.5	54.5		54.0	21	37									
Market Distortions (4th)			15%	92.8		85.1	4	4									
Extent of liberalisation of foreign trade	BTI	expert survey, 1-10	1.0	10.0		10.0	1	1									
Prevalence of non-tariff barriers	WEF	expert survey, 1-7	1.0	6.0		5.5	8	5									
Non-tariff measures	UNCTAD	number	0.3	654.0		654.0	97	97									



Italics: Indicator contains imputed values

		Source	Unit	Weight	2010	Value 10-yr trend	2020	Global Rank 2010	Global Rank 2020			Source	Unit	Weight	2010	Value 10-yr trend	2020	Global Rank 2010	Global Rank 2020
Fiscal Sustainability (6th)				25%	77.1		79.9	7	6	Macroeconomic Stability (64th)				10%	57.9		65.9	97	64
Government budget balance	IMF-WEO	percentage	1.0	-0.7		2.7	29	10	GDP per capita growth	WB-DI	percentage	1.0	0.4		1.0	137	113		
Government debt	IMF-WEO	percentage	1.5	8.5		16.1	16	9	Inflation volatility	IMF	percentage	1.0	1.2		0.4	34	14		
Country credit rating	TE	score, 0-100	0.5	100.0		100.0	1	1											
Country risk premium	AD	percentage	1.5	0.0		0.0	1	1											
Gross savings	WB-DI	percentage	1.0	14.5		16.7	126	119											
Productivity and Competitiveness (14th)				30%	90.4		80.7	3	14	Dynamism (1st)				15%	81.2		88.4	2	1
Labour productivity	ILO	2011 US \$ PPP	1.0	204,416.0		#####	1	1	New business density	WB-ES	number /100 working age population	1.0	10.5		17.2	7	7		
Economic complexity	ECI	index, -3-3	1.5	2.5		2.5	1	1	Patent applications	WIPO	applications /1,000,000 population	0.5	2,631.4		5,160.5	4	1		
Export quality	IMF	index, 0-1.2	1.0	1.1		1.1	1	1	Capacity to attract talented people	WEF	expert survey, 1-7	1.0	5.4		5.6	8	6		
High-tech manufactured exports	UN-Com	percentage	1.0	7.7		0.6	29	97											
Labour Force Engagement (39th)				20%	66.9		69.2	26	39										
Labour force participation	ILO	percentage	1.0	68.3		70.9	84	80											
Female labour force participation	ILO	percentage	0.5	60.2		67.2	81	60											
Waged and salaried workers	ILO	percentage	1.5	91.3		91.5	13	14											
Unemployment	ILO	percentage	1.0	5.1		5.4	57	85											
Youth unemployment	ILO	percentage	0.5	17.0		14.9	98	97											



Italics: Indicator contains imputed values

Element	Source	Unit	Weight	Value		Global Rank		Indicator	Source	Unit	Weight	Value		Global Rank			
				2010	10-yr trend	2020	2010					2020	2010	2020			
Material Resources (9th)			20%	93.1		94.3	13	9	Nutrition (1st)			20%	98.1		98.1	1	1
Poverty rate at national poverty lines	WB-DI	percentage	0.5	10.9		11.1	33	39	Availability of adequate food	Gallup	percentage	1.0	3.2		3.1	4	1
Poverty rate at \$1.90 a day	WB-DI	percentage	1.0	0.0		0.3	1	43	Prevalence of undernourishment	FAO	percentage	1.0	2.5		2.5	1	1
Poverty rate at \$3.20 a day	WB-DI	percentage	1.0	0.0		0.4	1	30	<i>Prevalence of wasting in children under-5</i>	WB-DI	percentage	1.0	0.9		0.9	5	7
Poverty rate at \$5.50 a day	WB-DI	percentage	1.0	0.1		0.7	5	21	<i>Prevalence of stunting in children under-5</i>	WB-DI	percentage	1.0	0.3		0.3	7	1
Households with a refrigerator	GDL	percentage	1.0	100.0		100.0	1	1									
Ability to source emergency funds	WB-GFI	percentage	1.0	27.2		20.6	31	17									
Ability to live on household income	Gallup	percentage	1.0	89.5		89.9	5	6									
Basic Services (29th)			10%	99.5		99.4	21	29	Shelter (20th)			20%	99.3		96.9	3	20
Access to electricity	WB-DI	percentage	1.0	100.0		100.0	1	1	Availability of adequate shelter	Gallup	percentage	1.0	2.1		9.5	3	31
Access to basic water services	JMP	percentage	1.0	100.0		99.9	1	29	<i>Housing deprivation</i>	OPHI	percentage	1.0	0.0		0.0	1	1
Access to piped water	JMP	percentage	1.0	100.0		99.8	1	25	Access to clean fuels and technologies for cooking	WB-DI	percentage	1.0	100.0		100.0	1	1
Access to basic sanitation services	JMP	percentage	1.0	97.7		97.6	41	54	Indoor air quality	IHME	DALYs /100,000 population	1.0	5.5		3.5	16	20
Unsafe water, sanitation or hygiene	IHME	DALYs /100,000 population	1.0	6.3		5.5	12	12									
Connectedness (3rd)			15%	95.4		96.7	2	3	Protection from Harm (18th)			15%	85.8		90.4	18	18
Access to a bank account	WB-GFI	percentage	1.0	95.0		99.0	20	8	Death and injury from road traffic accidents	IHME	DALYs /100,000 population	1.0	538.3		447.6	27	24
Use of digital payments	WB-GFI	percentage	1.0	92.6		98.3	15	4	Death and injury from forces of nature	IHME	DALYs /100,000 population	0.5	0.2		0.1	31	35
Access to a cellphone	GDL	percentage	1.0	98.9		98.9	8	8	Unintentional death and injury	IHME	DALYs /100,000 population	0.5	1,017.6		958.5	44	47
Rural access to roads	RAI	percentage	0.5	101.5		101.5	1	1	Occupational mortality	ILO	deaths /100,000 labour-force population	0.5	6.3		3.4	56	41
Satisfaction with public transportation	Gallup	percentage	0.5	77.4		78.8	9	9									
Satisfaction with roads and highways	Gallup	percentage	0.5	86.1		78.6	6	14									



Italics: Indicator contains imputed values

Behavioural Risk Factors (101st)		Source	Unit	Weight	2010	Value 10-yr trend	2020	Global Rank 2010	Global Rank 2020	Preventative Interventions (17th)		Source	Unit	Weight	2010	Value 10-yr trend	2020	Global Rank 2010	Global Rank 2020
				10%	55.4		58.3	109	101					15%	90.7		91.9	26	17
Obesity	WHO-GDO	percentage	1.0	19.6		22.6	109	110	Diphtheria immunisation	WHO	percentage	1.0	99.0		99.0	1	1		
Smoking	WHO	percentage	1.0	30.7		23.4	123	111	Measles immunisation	WHO	percentage	1.0	96.0		99.0	40	1		
Substance use disorders	GBD	number /100,000 population	1.0	2,132.9		2,071.3	84	71	Hepatitis immunisation	WHO	percentage	1.0	94.0		96.0	57	42		
									Contraceptive prevalence	UNICEF	percentage	1.0	72.8		72.8	13	14		
									Antenatal care coverage	UNICEF	percentage	1.0	99.5		99.5	31	32		
									Existence of national screening programs	WHO	index, 0-1	0.5	0.67		0.67	87	82		
Care Systems (12th)		Source	Unit	Weight	2,010.0	Value 10-yr trend	2,020.0	Global Rank 2010	Global Rank 2020	Mental Health (67th)		Source	Unit	Weight	2,010.0	Value 10-yr trend	2,020.0	Global Rank 2010	Global Rank 2020
				15%	76.5		80.2	15	12					10%	62.9		68.2	99	67
Healthcare coverage	ILO	percentage	0.5	2.4		2.4	49	49	Emotional wellbeing	Gallup	index, 0-1	0.5	0.72		0.74	88	38		
Health facilities	WHO	index, 0-0.6	1.0	0.32		0.30	44	49	Depressive disorders	GBD	years /100,000 population	1.0	539.1		530.3	73	68		
Health practitioners and staff	WHO	index, 0-1	1.0	0.71		0.80	12	12	Suicide	WHO	deaths /100,000 population	1.0	14.1		10.4	106	97		
Births attended by skilled health staff	UNICEF	percentage	1.0	99.9		99.9	10	12											
Tuberculosis treatment coverage	WHO	percentage	0.5	87.0		87.0	7	16											
Antiretroviral HIV therapy	UNAIDS	percentage	1.0	55.0		77.0	42	37											
Satisfaction with healthcare	Gallup	percentage	1.0	90.0		85.5	4	13											
Physical Health (32nd)		Source	Unit	Unit	2,010.0	Value 10-yr trend	2,020.0	Global Rank 2010	Global Rank 2020	Longevity (12th)		Source	Unit	Weight	2,010.0	Value 10-yr trend	2,020.0	Global Rank 2010	Global Rank 2020
				20%	73.8		78.6	64	32					30%	93.8		96.2	14	12
Physical pain	Gallup	percentage	0.5	26.6		26.0	73	38	Maternal mortality	WB-DI	deaths /100,000 live births	1.0	8.0		5.0	23	15		
Health problems	Gallup	percentage	0.5	22.3		12.4	61	6	Under 5 mortality	WB-DI	number /1,000 under 5 population	1.0	3.2		2.4	4	5		
Communicable diseases	GBD	years /100,000 population	2.0	212.6		210.7	11	10	5-14 mortality	UN IGME	number /1,000 5-14 year-old population	0.5	0.6		0.4	1	1		
Non-communicable diseases	GBD	years /100,000 population	0.5	7,557.3		7,558.9	154	158	15-60 mortality	WB-DI	number /1,000 population	2.0	71.8		54.1	17	12		
Raised blood pressure	WHO	percentage	0.5	25.7		21.9	75	51	Life expectancy at 60	WHO	years	1.0	23.7		24.7	14	12		



Luxembourg: Education (36th): Element and indicator scores												Italics: Indicator contains imputed values					
Element	Source	Unit	Weight	Value			Global Rank		Element	Source	Unit	Weight	Value			Global Rank	
				2010	10-yr trend	2020	2010	2020					2010	10-yr trend	2020	2010	2020
Pre-Primary Education (28th)			5%	85.0		88.4	28	28	Primary Education (34th)			20%	90.3		89.0	28	34
Pre-primary enrolment (net)	UNESCO	percentage	1.0	85.0		88.4	28	28	Primary enrolment	UNESCO	percentage	1.0	95.8		95.0	47	62
									Primary completion	UNESCO	percentage	1.0	91.0		89.3	85	98
									Primary education quality	AltAng&Pat	score, 0-625	0.5	545.0		545.0	4	4
Secondary Education (23rd)			30%	83.8		83.5	19	23	Tertiary Education (44th)			20%	33.8		54.1	77	44
Secondary school enrolment	UNESCO	percentage	1.0	85.0		83.6	52	69	Tertiary enrolment	UNESCO	percentage	1.0	10.6		19.2	120	111
Lower-secondary completion	UNESCO	percentage	1.0	105.4		108.9	1	1	Tertiary completion	UNESCO	percentage	1.0	5.7		22.4	138	105
Access to quality education	V-DEM	index, 0-4	1.0	3.8		3.8	6	4	Average quality of higher education institutions	QS, TES	index, 0-1	0.5	0.0		2.0	77	1
Secondary education quality	AltAng&Pat	score, 0-625	2.0	508.5		508.9	27	35	Skillset of university graduates	WEF	expert survey, 1-7	1.0	5.03		5.47	27	9
									Quality of vocational training	WEF	expert survey, 1-7	1.0	5.1		5.2	17	9
Adult Skills (34th)			25%	80.1		84.4	31	34									
Adult literacy	UNESCO	percentage	1.0	100.0		100.0	1	1									
Education level of adult population	BL	index, 0-1	1.0	0.62		0.70	40	43									
Women's average years in school	IHME	years	1.0	13.1		14.1	32	32									
Education inequality	Cas&Dom	index, 0-1	0.5	0.20		0.19	66	72									
Digital skills among population	WEF	expert survey, 1-7	0.5	5.0		5.2	29	17									



Luxembourg: Natural Environment (11th): Element and indicator scores																	
<i>Italics: Indicator contains imputed values</i>																	
Element	Source	Unit	Weight	Value		Global Rank		Indicator	Source	Unit	Weight	Value		Global Rank			
				2010	2020	2010	2020					2010	2020	2010	2020		
Emissions (112th)			15%	63.1		66.0	129	112	Exposure to Air Pollution (31st)			15%	90.0		90.2	36	31
CO2 emissions	CDIAC	index, 0-1	2.0	0.55		0.59	140	131	Exposure to fine particulate matter	EPI	percentage	2.0	5.7		9.0	86	80
SO2 emissions	EDGAR	index, 0-1	1.0	0.95		0.96	6	5	Health impact of air pollution	IHME	DALYs/100,000 population	2.0	458.0		376.1	32	23
NOx emissions	EDGAR	index, 0-1	1.0	0.50		0.51	135	134	Satisfaction with air quality	Gallup	percentage	0.5	78.4		80.7	62	47
Black carbon emissions	EDGAR	index, 0-1	1.0	0.50		0.56	126	109									
Methane emissions	EDGAR	index, 0-1	1.0	0.74		0.74	70	70									
Forest, Land and Soil (81st)			20%	44.5		41.0	66	81	Freshwater (14th)			20%	81.8		80.1	13	14
Forest area	FAO	percentage	1.0	35.7		35.7	62	60	Renewable water resources	FAO	m^3 per person	1.0	7,373.0		5,998.0	72	77
Flood occurrence	WRI	index, 0-5	1.0	3.1		3.1	105	105	Wastewater treatment	EPI	percentage	1.0	100.0		100.0	1	1
Sustainable nitrogen management	Zhang&Davidson	index, 0-sqrt(2)	1.0	0.68		0.79	49	73	Freshwater withdrawal	FAO	percentage	1.0	6.1		4.3	73	64
									Satisfaction with water quality	Gallup	percentage	1.0	88.9		85.0	15	25
Oceans (Insufficient Data)			15%						Preservation Efforts (6th)			15%	70.1		73.5	6	6
Overexploitation of fish stocks (Insufficient Data)			1.0						Terrestrial protected areas	WDPA	percentage	1.0	32.3		40.9	18	5
Stability of marine biodiversity (Insufficient Data)			1.0						Marine protected areas (Insufficient Data)			1.0					
Clean ocean water (Insufficient Data)			1.0						<i>Long term management of forest areas</i>	FAO	percentage	1.0	69.2		69.2	34	36
									Protection for biodiverse areas	UN-WCMC	index, 0-1	1.0	57.6		59.5	44	47
									Pesticide regulation	EPI	index, 0-25	1.0	23.0		23.0	17	18
									Satisfaction with preservation efforts	Gallup	percentage	1.0	71.7		71.3	17	26

Source Code	Source Name
AD	Aswath Damodaran
AltAng&Pat	Altinok, N., N. Angrist and H.A. Patrinos. 2018. "Global data set on education quality (1965-2015)."
BL	Barro and Lee dataset
BTI	Bertelsmann Stiftung Transformation Index
CDIAC	Carbon Dioxide Information Analysis Center
CIRIGHTS	CIRIGHTS Dataset
CSP	Center for Systemic Peace
Cas&Dom	Castello-Climent and Domenech (2012)
Chinn-Ito	Chinn-Ito Index
ECI	Economic Complexity Index
EDGAR	Emissions Database for Global Atmospheric Research
EPI	Yale and Columbia Universities (Environmental Performance Index)
FAO	Food and Agriculture Organization of the UN - AQUASTAT
FH	Freedom House
FI	Fraser Institute
GBD	Global Burden of Disease study
GDL	Global Data Lab
GSI	Global Slavery Index
GSMA	Groupe Spéciale Mobile Association
GTD	Global Terrorism Database
Gallup	Gallup Dailies
IBNET	International Benchmarking Network for Water and Sanitation Utilities
IBP	International Budget Partnership
IDEA	International Institute for Democracy and Electoral Assistance
IDMC	Internal Displacement Monitoring Center
IHME	Institute for Health Metrics and Evaluation
ILGA	International Lesbian, Gay, Bisexual, Trans and Intersex Association
ILO	International Labour Organization
IMF	International Monetary Fund
IMF-FAS	International Monetary Fund Financial Access Survey
IMF-WEO	International Monetary Fund World Economic Outlook
ITU	International Telecommunications Union
IVS&Bar	Integrated Values Survey, Afrobarometer, Arab Barometer, and Latinobarómetro
JMP	WHO/UNICEF Joint Monitoring Programme for Water Supply and Sanitation
OHI	Ocean Health Index
OPHI	Oxford Poverty and Human Development Initiative
PTS	Amnesty International & US State Department Political Terror Scale
Pew	Pew Research Center
QS, TES	QS World University Rankings and TES University Rankings
RAI	Rural Access Index
Rsf	Reporters Without Borders
TE	Trading Economics
UCDP	Uppsala Conflict Data Program
UIC	International Union of Railways
UN IGME	United Nations Inter-agency Group for Child Mortality Estimation
UN-Com	United Nations Comtrade Database
UN-WCMC	UN Environment World Conservation Monitoring Centre
UNAIDS	Joint United Nations Programme on HIV and AIDS
UNCTAD	United Nations Trade Data
UNESCO	UNESCO Institute for Statistics
UNESD	United Nations Energy Statistics Database
UNHCR	United Nations High Commissioner for Refugees
UNICEF	United Nations International Children's Emergency Fund
UNODC	United Nations Office on Drugs and Crime
V-DEM	Varieties of Democracy
WB-DB*	World Bank Doing Business Index
WB-DI	World Bank World Development Indicators
WB-ES	World Bank Enterprise Surveys
WB-GFI	World Bank Global Financial Inclusion
WB-LPI	World Bank Logistics Performance Index
WDPA	World Database on Protected Areas
WEF	World Economic Forum Global Competitiveness Index
WGI	Worldwide Governance Indicators
WHO	World Health Organisation
WHO-GDO	World Health Organisation (Global Dementia Observatory)
WIPO	World Intellectual Property Organisation
WJP	World Justice Project (Rule of Law Index)
WRI	World Resources Institute
WTO	World Trade Organisation
WomStat	The WomanStats Project
Zhang&Davidson	Xin Zhang and Eric Davidson (2016)

* The World Bank Group are investigating data irregularities for selected countries in their Doing Business Reports. We are monitoring progress and will incorporate any necessary changes once they have concluded their review and issued any revised data.