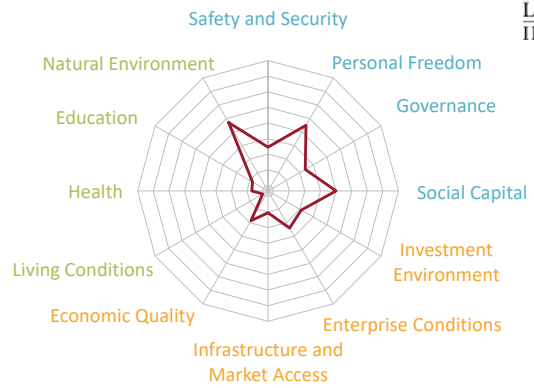
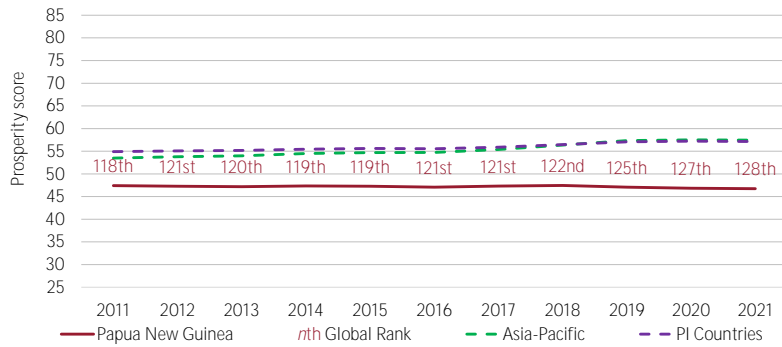




Papua New Guinea: Prosperity score 46.7 (128th)

Prosperity over time



Breakdown of performance

	2011	Score 10-year trend	2021	Rank - Global (1 to 167) 2021	10-year rank change	Rank - Asia-Pacific (1 to 29) 2021
Prosperity score	47.4		46.7	128	▼ 10	26
Inclusive Societies	54.9		54.0	87	▼ 7	14
Safety and Security	65.8		62.3	112	▼ 13	21
Personal Freedom	60.9		61.8	71	▲ 4	8
Governance	41.0		39.7	113	▼ 4	20
Social Capital	51.9		52.3	81	▼ 7	21
Open Economies	42.8		41.7	128	▼ 22	27
Investment Environment	43.6		44.6	119	▼ 12	22
Enterprise Conditions	49.3		48.2	113	▼ 26	24
Infrastructure and Market Access	30.8		34.2	140	▼ 8	27
Economic Quality	47.4		39.8	124	▼ 26	27
Empowered People	44.6		44.5	148	▼ 12	28
Living Conditions	30.1		32.3	160	▼ 3	29
Health	55.4		54.2	147	▼ 24	28
Education	34.6		34.8	145	▼ 9	28
Natural Environment	58.4		56.6	67	▼ 6	10

Papua New Guinea (128th): Pillar and element scores

Safety and Security		2011 Prosperity score 10-yr trend 2021	2021 Global Rank 10-yr rank change	Asia-Pacific Rank 2021	Personal Freedom		2011 Prosperity score 10-yr trend 2021	2021 Global Rank 10-yr rank change	Asia-Pacific Rank 2021
War and Civil Conflict	20%	94.2	120	22	Agency	25%	48.1	106	17
Terrorism	15%	99.9	66	10	Freedom of Assembly and Association	20%	78.6	50	6
Politically Related Terror and Violence	30%	58.3	84	11	Freedom of Speech and Access to Information	20%	74.7	54	6
Violent Crime	25%	40.2	143	28	Absence of Legal Discrimination	20%	49.7	91	9
Property Crime	10%	44.5	133	28	Social Tolerance	15%	55.0	81	14
Governance		2011 Prosperity score 10-yr trend 2021	2021 Global Rank 10-yr rank change	Asia-Pacific Rank 2021	Social Capital		2011 Prosperity score 10-yr trend 2021	2021 Global Rank 10-yr rank change	Asia-Pacific Rank 2021
Executive Constraints	15%	43.0	89	15	Personal and Family Relationships	20%	57.8	122	23
Political Accountability	15%	63.1	90	12	Social Networks	20%	60.8	117	22
Rule of Law	15%	37.8	114	22	Interpersonal Trust	20%	44.2	47	10
Government Integrity	20%	29.0	135	24	Institutional Trust	20%	48.0	92	24
Government Effectiveness	20%	41.3	126	20	Civic and Social Participation	20%	48.7	42	15
Regulatory Quality	15%	35.7	119	25					
Investment Environment		2011 Prosperity score 10-yr trend 2021	2021 Global Rank 10-yr rank change	Asia-Pacific Rank 2021	Enterprise Conditions		2011 Prosperity score 10-yr trend 2021	2021 Global Rank 10-yr rank change	Asia-Pacific Rank 2021
Property Rights	30%	47.7	114	22	Domestic Market Contestability	30%	46.8	110	19
Investor Protection	20%	37.8	107	20	Environment for Business Creation	25%	55.6	105	19
Contract Enforcement	20%	40.9	114	19	Burden of Regulation	25%	51.0	104	23
Financing Ecosystem	20%	43.3	116	25	Labour Market Flexibility	10%	37.6	141	27
Restrictions on International Investment	10%	48.3	93	14	Price Distortions	10%	48.8	76	15
Infrastructure and Market Access		2011 Prosperity score 10-yr trend 2021	2021 Global Rank 10-yr rank change	Asia-Pacific Rank 2021	Economic Quality		2011 Prosperity score 10-yr trend 2021	2021 Global Rank 10-yr rank change	Asia-Pacific Rank 2021
Communications	25%	27.0	147	28	Fiscal Sustainability	25%	66.4	79	21
Energy	15%	23.1	130	25	Macroeconomic Stability	10%	57.8	100	25
Water	10%	40.0	130	25	Productivity and Competitiveness	30%	42.3	138	28
Transport	25%	26.8	139	25	Dynamism	15%	25.6	107	21
Border Administration	5%	32.7	118	21	Labour Force Engagement	20%	42.3	137	27
Open Market Scale	5%	30.4	99	20					
Import Tariff Barriers	5%	44.5	130	23					
Market Distortions	10%	44.7	128	24					
Living Conditions		2011 Prosperity score 10-yr trend 2021	2021 Global Rank 10-yr rank change	Asia-Pacific Rank 2021	Health		2011 Prosperity score 10-yr trend 2021	2021 Global Rank 10-yr rank change	Asia-Pacific Rank 2021
Material Resources	20%	29.8	139	29	Behavioural Risk Factors	10%	70.7	57	14
Nutrition	20%	36.7	165	29	Preventative Interventions	15%	51.8	165	29
Basic Services	10%	24.6	156	29	Care Systems	15%	26.7	135	26
Shelter	20%	15.7	159	29	Mental Health	10%	76.4	22	9
Connectedness	15%	41.0	143	27	Physical Health	20%	47.1	149	29
Protection from Harm	15%	33.5	165	29	Longevity	30%	65.0	123	28
Education		2011 Prosperity score 10-yr trend 2021	2021 Global Rank 10-yr rank change	Asia-Pacific Rank 2021	Natural Environment		2011 Prosperity score 10-yr trend 2021	2021 Global Rank 10-yr rank change	Asia-Pacific Rank 2021
Pre-Primary Education	5%	18.3	139	25	Emissions	15%	71.6	34	4
Primary Education	20%	56.1	140	27	Exposure to Air Pollution	15%	88.1	43	5
Secondary Education	30%	26.8	154	29	Forest, Land and Soil	20%	61.5	10	1
Tertiary Education	20%	25.7	124	23	Freshwater	20%	58.5	70	13
Adult Skills	25%	37.1	139	26	Oceans	15%	52.7	116	20
					Preservation Efforts	15%	16.8	162	28



Papua New Guinea: Safety and Security (112th): Element and indicator scores

Italics: Indicator contains imputed values

				Value		Global Rank						Value		Global Rank			
				2011	10-yr trend	2021	2011	2021					2011	10-yr trend	2021	2011	2021
War and Civil Conflict (120th)				20%	94.2	74.4	32	120	Terrorism (66th)				15%	99.9	98.7	49	66
Two-sided conflict deaths	UCDP	deaths /1,000,000 population	0.5	0.000	0.638	1	125	Terrorism deaths	GTD	deaths /1,000,000 population	2.0	0.000	0.000	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	0.000	0.089	1	79		
Conflict-driven internal displacement	IDMC	people /1,000,000 population	1.0	0.0	1,564.8	1	132	Terrorism incidents	GTD	incidents /1,000,000 population	0.5	0.029	0.237	64	99		
Refugees (origin country)	UNHCR	people /1,000,000 population	1.0	11.9	57.6	35	61	Property cost of terrorism	GTD	US \$ /billion US 2010 \$	1.0	0.0	0.0	1	1		
Politically Related Terror and Violence (84th)				30%	58.3	66.7	100	84	Violent Crime (143rd)				25%	40.2	32.5	112	143
Political terror	PTS	index: 1-5	2.0	3.0	3.0	99	93	Intentional homicides	UNODC	homicides /100,000 population	2.0	8.64	9.75	130	141		
Extrajudicial killings	CIRIGHTS	coding: 0-2	1.0	1.0	1.0	72	80	Dispute settlement through violence	WSP	expert survey: 0-1	1.0	0.407	0.407	105	107		
Use of torture	CIRIGHTS	coding: 0-2	1.0	0.0	1.0	92	42	Safety walking alone at night	Gallup	percentage	1.0	54.2	54.2	96	110		
Disappearance cases	CIRIGHTS	coding: 0-2	1.0	2.0	2.0	1	1	Physical security of women	WomStat	index: 0-4	1.0	3.0	4.0	38	105		
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	0.000	0.000	1	1										
Property Crime (133rd)				10%	44.5	44.5	150	133									
Property stolen	Gallup	percentage	2.0	25.8	25.8	143	133										
Business costs of crime and violence	WEF	expert survey: 1-7	0.5	3.79	3.79	133	126										
Business costs of organised crime	WEF	expert survey: 1-7	1.0	3.91	3.91	149	129										



Papua New Guinea: Personal Freedom (71st): Element and indicator scores

Italics: Indicator contains imputed values

				2011	Value 10-yr trend	2021	Global Rank 2011	2021					2011	Value 10-yr trend	2021	Global Rank 2011	2021		
Agency (106th)				25%	48.1		49.0	102	106	Freedom of Assembly and Association (50th)				20%	78.6		81.6	63	50
Personal autonomy and individual rights	FH	coding, 0-16	1.0	8.0		8.0	94	90	Right to associate and organise	FH	coding, 0-12	1.0	9.0		10.0	67	53		
<i>Due process and rights</i>	WIP	expert survey, 0-1	1.0	0.435		0.435	85	85	<i>Guarantee of assembly and association</i>	WIP	expert survey, 0-1	1.0	0.72		0.72	60	47		
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	0.893		0.899	53	41		
Women's agency	WomStat	coding, 0-16	1.0	14.0		14.0	146	146											
<i>Freedom from arbitrary interference with privacy</i>	WIP	expert survey, 0-1	1.0	0.45		0.45	79	72											
Freedom from forced labour	V-DEM	index, 0-1	1.0	0.643		0.704	120	98											
Government response to slavery	GSI	index, -10-100	1.0	18.2		18.9	149	150											
<i>Satisfaction with freedom</i>	Gallup	percentage	1.0	67.9		67.9	91	133											
Freedom of Speech and Access to Information (54th)				20%	74.7		73.4	55	54	Absence of Legal Discrimination (91st)				20%	49.7		51.5	104	91
Press freedom from government censorship	FH	index, 0-100	1.0	25.0		29.0	34	39	Equal treatment and absence of discrimination	WIP	expert survey, 0-1	1.0	0.595		0.595	76	66		
Press freedom from physical repression	RfP	index, 0-100	1.0	23.0		24.9	40	43	Non-discriminatory civil justice	WIP	expert survey, 0-1	0.5	0.546		0.546	83	86		
<i>Freedom of opinion and expression</i>	WIP	expert survey, 0-1	1.0	0.624		0.624	67	57	<i>Freedom from hiring and workplace discrimination</i>	WIP	expert survey, 0-1	1.0	0.617		0.617	60	57		
Government media censorship	V-DEM	coding, 0-4	0.5	2.88		2.66	68	76	LGBT rights	ILGA	coding, 0-3	1.0	0.0		0.0	111	114		
Alternative sources of information	V-DEM	coding, 0-4	1.0	0.730		0.749	107	87	Protection of women's workplace, education and family rights	WomStat	coding, 0-8	1.0	10.0		10.0	131	132		
Political diversity of media perspectives	V-DEM	coding, 0-3	0.5	2.46		2.53	101	70	<i>Freedom of belief and religion</i>	WIP	expert survey, 0-1	1.0	0.718		0.718	67	54		
									Government religious intimidation and hostility	Pew	index, 0-1	1.0	0.10		0.00	72	1		
Social Tolerance (81st)				15%	55.0		55.0	50	81										
<i>Perceived tolerance of ethnic minorities</i>	Gallup	percentage	1.0	69.4		69.4	51	105											
<i>Perceived tolerance of LGBT individuals</i>	Gallup	percentage	1.0	22.4		22.4	69	89											
<i>Perceived tolerance of immigrants</i>	Gallup	percentage	1.0	70.7		70.7	41	52											



Papua New Guinea: Governance (113th): Element and indicator scores

Italics: Indicator contains imputed values

	Source	Unit	Weight	2011	Value	2021	Global Rank			Source	Unit	Weight	2011	Value	2021	Global Rank	
					10-yr trend		2011	2021					2011	2021	2011	2021	
Executive Constraints (89th)			15%	43.0		43.0	96	89				15%	63.1		61.3	90	90
<i>Executive powers are effectively limited by the judiciary and legislature</i>	WJP	expert survey, 0-3	2.0	1.38		1.38	100	97	Consensus on democracy and a market economy as a goal	BTI	expert survey, 1-10	1.0	8.0		7.0	64	68
<i>Government powers are subject to independent and non-governmental checks</i>	WJP	expert survey, 0-3	1.0	1.37		1.37	104	100	Political participation and rights	FH	coding, 1-7	0.5	4.0		4.0	89	84
<i>Transition of power is subject to the law</i>	WJP	expert survey, 0-1	1.0	0.566		0.566	88	86	Democracy level	CSP	expert survey, -10-10	1.0	4.0		5.0	103	101
Military involvement in rule of law and politics	FI	index, 0-10	0.5	7.50		7.50	66	62	Complaint mechanisms	WJP	expert survey, 0-1	1.0	0.479		0.479	110	115
<i>Government officials are sanctioned for misconduct</i>	WJP	expert survey, 0-1	1.0	0.373		0.373	115	111									
Rule of Law (114th)			15%	37.8		38.6	122	114	Government Integrity (135th)			20%	29.0		28.2	125	135
<i>Judicial independence</i>	WEF	expert survey, 1-7	1.0	2.98		2.98	111	119	<i>Use of public office for private gain</i>	WJP	expert survey, 0-4	1.0	1.13		1.13	111	114
<i>Civil justice</i>	WJP	expert survey, 0-6	3.0	2.57		2.57	116	114	<i>Diversion of public funds</i>	WEF	expert survey, 1-7	1.0	2.72		2.72	115	122
Integrity of the legal system	FI	index, 0-10	2.0	4.87		5.13	132	106	Anti-corruption policy	BTI	expert survey, 1-10	1.0	3.0		3.0	112	119
<i>Efficiency of dispute settlement</i>	WEF	expert survey, 1-7	0.5	3.5		3.5	81	83	<i>Clientelism</i>	V-DEM	index, 0-1	1.0	0.869		0.836	164	159
									<i>Legislative corruption</i>	V-DEM	coding, 0-4	0.5	0.65		0.44	160	163
									<i>Judicial corruption</i>	V-DEM	coding, 0-4	0.5	2.95		2.77	45	60
									<i>Executive corruption</i>	V-DEM	index, 0-1	0.5	0.759		0.822	122	144
									<i>Public sector corruption</i>	V-DEM	index, 0-1	0.5	0.687		0.687	106	117
Government Effectiveness (126th)			20%	41.3		36.5	105	126	Regulatory Quality (119th)			15%	35.7		35.2	126	119
Government quality and credibility	WGI	index, -2.5 - +2.5	2.0	-0.74		-0.81	120	130	<i>Right to information</i>	WJP	expert survey, 0-1	0.5	0.37		0.37	134	123
Prioritisation	BTI	expert survey, 1-10	1.0	5.0		5.0	86	85	<i>Publicised laws and government data</i>	WJP	expert survey, 0-1	1.0	0.22		0.22	142	129
<i>Efficiency of government spending</i>	WEF	expert survey, 1-7	0.5	2.89		2.89	108	99	<i>Transparency of government policy</i>	WEF	expert survey, 1-7	0.5	3.44		3.44	146	122
Efficient use of assets	BTI	expert survey, 1-10	1.0	4.0		3.0	100	129	Budget transparency	IBP	index, 0-100	0.5	57.0		50.0	52	76
Implementation	BTI	expert survey, 1-10	1.0	5.0		4.0	82	119	Regulatory quality	WGI	index, -2.5 - +2.5	1.0	-0.57		-0.54	115	106
Policy learning	BTI	expert survey, 1-10	1.0	6.0		5.0	61	80	<i>Enforcement of regulations</i>	WJP	expert survey, 0-1	1.0	0.423		0.423	114	122
Policy coordination	BTI	expert survey, 1-10	1.0	5.0		5.0	100	95	<i>Efficiency of legal framework in challenging regulations</i>	WEF	expert survey, 1-7	1.0	3.02		3.02	109	104
									<i>Delay in administrative proceedings</i>	WJP	expert survey, 0-1	1.0	0.402		0.402	115	111



Papua New Guinea: Infrastructure and Market Access (140th): Element and indicator scores

Italics: Indicator contains imputed values

				2011	Value 10-yr trend	2021	Global Rank 2011	2021					2011	Value 10-yr trend	2021	Global Rank 2011	2021
Communications (147th)				25%	27.0	39.8	133	147	Energy (130th)				15%	23.1	23.3	113	130
International internet bandwidth	ITU	kilobits per second per capita	1.0	40.3	51.4	107	88	Installed electric capacity	UNESD	kilowatts per capita	1.5	0.102	0.109	121	122		
2G, 3G and 4G network coverage	GSM	index, 0-100	2.0	42.3	61.2	136	152	Ease of establishing an electricity connection	WB-DB	index, 0-100	1.0	65.4	65.5	86	101		
Fixed broadband subscriptions	ITU	number /100 population	1.0	0.062	0.213	130	140	Reliability of electricity supply	WB-DB	index, 0-7	1.0	1.0	1.0	101	121		
Internet usage	ITU	percentage	1.0	1.6	11.2	153	153										
Water (130th)				10%	40.0	40.0	125	130	Transport (139th)				25%	26.8	26.8	130	139
Gross fixed water assets	IBNET	USD per population served	1.0	21.9	21.9	126	126	Logistics performance	WB-LPI	index, 1-5	1.5	2.47	2.14	131	156		
Water production	IBNET	litres per capita per day	0.5	270.1	270.1	85	85	Airport connectivity	WEF	index, 0-100	2.0	1,701.3	3,332.6	128	132		
Reliability of water supply	WEF	expert survey, 1-7	1.0	3.05	3.05	139	141	Efficiency of seaport services	WEF	expert survey, 1-7	2.0	3.62	3.62	91	96		
								Liner shipping connectivity	UNCTAD	index, rebased to 100 in 2004	0.5	10.6	12.6	116	116		
								Quality of roads	WEF	expert survey, 1-7	1.0	2.7	2.7	139	146		
								Road density	FAO	km per 100 sq km of land area	0.5	4.2	4.2	150	150		
								Rail density	UIC	km per sq km of land area	0.5	0.0108	0.0108	89	91		
Border Administration (118th)				5%	32.7	39.3	137	118	Open Market Scale (99th)				5%	30.4	28.3	83	99
Efficiency of customs clearance process	WB-LPI	survey, 1-5	1.5	2.02	2.32	147	122	Domestic and international market access for goods	WTO	percentage of global GDP	1.5	27.35	24.25	69	92		
Time to comply with border regulations and procedures	WB-DB	hours	1.0	82.5	52.5	115	91	Domestic and international market access for services	WTO	percentage of global GDP	2.0	0.0	0.0	105	105		
Cost to comply with border regulations and procedures	WB-DB	USD (current)	0.5	402.5	450.0	129	136	Trade-weighted average tariff faced in destination markets	WEF	percentage	0.5	3.0	3.0	12	34		
								Margin of preference in destination markets	WEF	index, 1-100	0.5	29.1	29.1	111	121		
Import Tariff Barriers (130th)				5%	44.5	44.5	129	130	Market Distortions (128th)				10%	44.7	44.7	130	128
Share of imports free from tariff duties	WEF	percentage	1.5	21.33	21.33	133	140	Extent of liberalisation of foreign trade	BTI	expert survey, 1-10	1.0	6.0	6.0	111	114		
Average applied tariff rate	WEF	percentage	2.0	9.38	9.38	107	106	Prevalence of non-tariff barriers	WEF	expert survey, 1-7	1.0	3.93	3.93	131	133		
Complexity of tariffs	WEF	index, 1-7	0.3	6.140	6.140	79	75	Non-tariff measures	UNCTAD	number	0.3	594.0	594.0	98	98		



Papua New Guinea: Health (147th): Element and indicator scores

Italics: Indicator contains imputed values

	Source	Unit	Weight	2011	Value	2021	Global Rank			Source	Unit	Weight	2011	Value	2021	Global Rank	
					10-yr trend		2011	2021					2011	2021	2011	2021	
Behavioural Risk Factors (57th)			10%	70.7		67.3	48	57				15%	51.8		24.9	150	165
Obesity	WHO-GDO	percentage	1.0	17.4		21.3	90	96	Diphtheria immunisation	WHO	percentage	1.0	64.0		35.0	155	167
<i>Smoking</i>	WHO	percentage	1.0	14.6		14.6	27	46	Measles immunisation	WHO	percentage	1.0	65.0		37.0	149	167
Substance use disorders	GBD	number /100,000 population	1.0	1,403.5		1,415.3	52	54	Hepatitis immunisation	WHO	percentage	1.0	66.0		35.0	147	167
									Contraceptive prevalence	UNICEF	percentage	1.0	24.3		30.5	120	122
									Antenatal care coverage	UNICEF	percentage	1.0	78.8		76.1	142	158
									Existence of national screening programs	WHO	index, 0-1	0.5	0.7		0.0	86	144
Care Systems (135th)			15%	26.7		38.4	132	135	Mental Health (22nd)			10%	76.4		76.2	26	22
Healthcare coverage	ILO	percentage	0.5	95.7		95.7	143	143	Emotional wellbeing	Gallup	index, 0-1	0.5	0.63		0.63	150	121
Health facilities	WHO	index, 0-0.6	1.0	0.211		0.211	74	74	Depressive disorders	GBD	years /100,000 population	1.0	487.3		481.9	34	31
Health practitioners and staff	WHO	index, 0-1	1.0	0.017		0.014	146	156	Suicide	WHO	deaths /100,000 population	1.0	3.2		3.6	12	20
Births attended by skilled health staff	UNICEF	percentage	1.0	53.0		56.4	132	152									
Tuberculosis treatment coverage	WHO	percentage	0.5	40.0		79.0	156	102									
Antiretroviral HIV therapy	UNAIDS	percentage	1.0	20.0		62.0	101	75									
Satisfaction with healthcare	Gallup	percentage	1.0	46.9		46.9	105	112									
Physical Health (149th)			20%	47.1		48.9	147	149	Longevity (123rd)			30%	65.0		68.7	118	123
Physical pain	Gallup	percentage	0.5	46.1		46.1	162	147	Maternal mortality	WB-DI	deaths /100,000 live births	1.0	173.0		145.0	109	112
Health problems	Gallup	percentage	0.5	31.8		31.8	141	140	Under 5 mortality	WB-DI	number /1,000 under 5 population	1.0	58.8		44.8	119	125
Communicable diseases	GBD	years /100,000 population	2.0	1,494.0		1,302.1	133	139	5-14 mortality	UN IGME	number /1,000 5-14 year-old population	0.5	10.4		8.4	121	125
Non-communicable diseases	GBD	years /100,000 population	0.5	7,206.3		7,285.5	159	162	15-60 mortality	WB-DI	number /1,000 population	2.0	237.5		217.6	119	129
Raised blood pressure	WHO	percentage	0.5	24.2		25.6	53	90	Life expectancy at 60	WHO	years	1.0	16.4		16.5	109	153



Papua New Guinea: Education (145th): Element and indicator scores

Italics: Indicator contains imputed values

Pre-Primary Education (139th)							Primary Education (140th)						
Source	Unit	Weight	2011	Value 10-yr trend	2021	Global Rank 2011 2021	Source	Unit	Weight	2011	Value 10-yr trend	2021	Global Rank 2011 2021
		5%	18.3		18.3	127 139			20%	56.1		57.3	138 140
Pre-primary enrolment (net)	UNESCO	percentage	1.0	18.3	18.3	127 139	Primary enrolment	UNESCO	percentage	1.0	73.7	73.7	145 152
							Primary completion	UNESCO	percentage	1.0	66.2	74.0	131 128
							Primary education quality	Ang&AI	score, 0-625	0.5	362.7	321.0	113 144
Secondary Education (154th)							Tertiary Education (124th)						
		30%	26.8		24.7	146 154			20%	25.7		25.7	111 124
Secondary school enrolment	UNESCO	percentage	1.0	32.4	32.4	142 148	Tertiary enrolment	UNESCO	percentage	1.0	22.5	22.5	97 109
Lower-secondary completion	UNESCO	percentage	1.0	17.6	17.6	157 162	Tertiary completion	UNESCO	percentage	1.0	6.7	6.7	140 149
Access to quality education	V-DEM	index, 0-4	1.0	0.72	0.29	154 163	Average quality of higher education institutions	QS, TES	index, 0-1	0.5	0.000	0.000	77 92
Secondary education quality	Ang&AI	score, 0-625	2.0	399.2	399.2	95 96	Skillset of university graduates	WEF	expert survey, 1-7	1.0	4.07	4.07	98 104
							Quality of vocational training	WEF	expert survey, 1-7	1.0	4.01	4.01	76 80
Adult Skills (139th)													
		25%	37.1		39.5	133 139							
Adult literacy	UNESCO	percentage	1.0	61.60	61.60	135 145							
Education level of adult population	BL	index, 0-1	1.0	0.20	0.22	145 147							
Women's average years in school	IHME	years	1.0	5.0	6.0	132 132							
Education inequality	Cas&Dom	index, 0-1	0.5	0.472	0.453	136 135							
Digital skills among population	WEF	expert survey, 1-7	0.5	3.69	3.69	114 114							



Papua New Guinea: Natural Environment (67th): Element and indicator scores

Italics: Indicator contains imputed values

	Source	Unit	Weight	2011	Value	2021	Global Rank		Source	Unit	Weight	2011	Value	2021	Global Rank		
					10-yr trend		2011	2021				2011	2021	2011	2021		
Emissions (34th)			15%	71.6		74.5	59	34	Exposure to Air Pollution (43rd)			15%	88.1		87.1	37	43
CO2 emissions	CDIAC	index, 0-1	2.0	0.802		0.800	50	39	Exposure to fine particulate matter	EPI	percentage	2.0	0.000		0.000	1	29
SO2 emissions	EDGAR	index, 0-1	1.0	0.742		0.841	89	59	Health impact of air pollution	IHME	DALYs /100,000 population	2.0	636.3		699.5	46	52
NOx emissions	EDGAR	index, 0-1	1.0	0.67		0.76	60	14	<i>Satisfaction with air quality</i>	Gallup	percentage	0.5	68.8		68.8	124	117
Black carbon emissions	EDGAR	index, 0-1	1.0	0.604		0.644	91	79									
Methane emissions	EDGAR	index, 0-1	1.0	0.682		0.622	96	118									
Forest, Land and Soil (10th)			20%	61.5		61.9	9	10	Freshwater (70th)			20%	58.5		58.1	75	70
Forest area	FAO	percentage	1.0	79.91		79.25	6	6	Renewable water resources	FAO	m³ per person	1.0	120,851.0		97,079.0	5	5
Flood occurrence	WRI	index, 0-5	1.0	1.6		1.6	22	22	Wastewater treatment	EPI	percentage	1.0	0.0		0.0	128	127
Sustainable nitrogen management	Zhang&Davidson	index, 0-sqrt(2)	1.0	0.96		0.94	129	122	Freshwater withdrawal	FAO	percentage	1.0	0.05		0.05	2	2
									<i>Satisfaction with water quality</i>	Gallup	percentage	1.0	57.4		57.4	124	122
Oceans (116th)			15%	52.7		39.0	78	116	Preservation Efforts (162nd)			15%	16.8		16.8	158	162
Overexploitation of fish stocks	EPI	percentage	1.0	9.5		56.9	29	109	Terrestrial protected areas	WDPA	percentage	1.0	3.070		3.066	148	150
Stability of marine biodiversity	EPI	index, 0-100	1.0	17.4		17.4	112	112	Marine protected areas	WDPA	percentage	1.0	0.1905		0.1905	96	97
Clean ocean water	OHI	index, 0-100	1.0	60.1		65.2	46	22	Long term management of forest areas	FAO	percentage	1.0	13.98		13.98	131	132
									Protection for biodiverse areas	UN-WCMC	index, 0-1	1.0	18.993		19.021	140	144
									Pesticide regulation	EPI	index, 0-25	1.0	3.0		3.0	142	143
									<i>Satisfaction with preservation efforts</i>	Gallup	percentage	1.0	50.4		50.4	78	86

Source Code	Source Name
AD	Aswath Damodaran
Ang&al	Angrist et al. (2021)
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
GSMMA	Groupe Spéciale Mobile Association
GTD	Global Terrorism Database
GVS	World Values Survey, European Values Survey, Global Barometer Surveys, Arab Barometer, Latinobarometro
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
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)