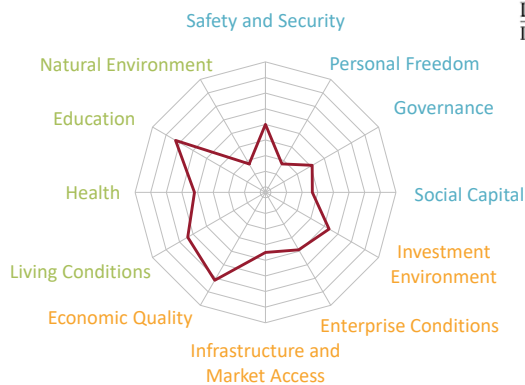
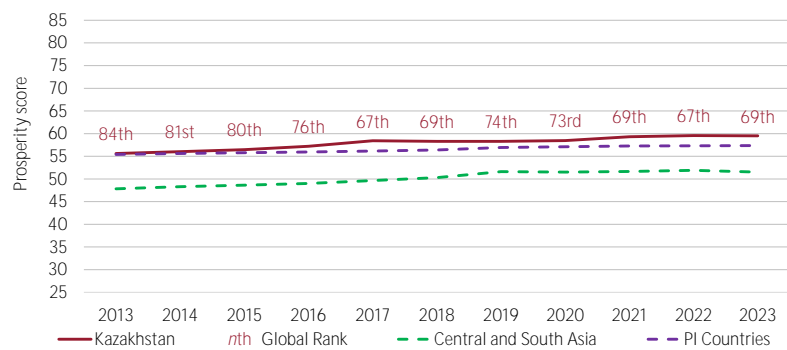


Kazakhstan: Prosperity score 59.5 (69th)



Prosperity over time



Breakdown of performance

	2013	Score 10-year trend	2023	Rank - Global (1 to 167) 2023	10-year rank change	Rank - Central and South Asia (1 to 11) 2023
Prosperity score	55.6		59.5	69	▲ 15	1
Inclusive Societies	49.4		51.2	108	▲ 9	5
Shield Safety and Security	66.9		69.6	81	▲ 8	5
Person Personal Freedom	39.7		39.4	126	▲ 11	7
Building Governance	41.2		44.4	99	▲ 11	4
People Social Capital	49.7		51.3	108	▼ 23	7
Open Economies	52.2		56.5	66	▲ 5	1
Plant Investment Environment	50.7		55.6	74	▲ 6	2
Bulb Enterprise Conditions	50.2		53.7	83	▲ 14	3
Money Infrastructure and Market Access	46.7		53.4	91	▼ 7	2
Money Economic Quality	61.1		63.3	38	▲ 3	1
Empowered People	65.3		70.9	51	▲ 25	1
House Living Conditions	76.9		82.4	53	▲ 13	1
Heart Health	67.5		72.2	77	▲ 25	6
Book Education	70.6		78.8	35	▲ 13	1
Leaf Natural Environment	46.3		50.2	126	▲ 17	3

Kazakhstan (69th): Pillar and element scores

Pillar		2013	Prosperity score 10-yr trend	2023	2023	Global Rank 10-yr rank change	Central and South Asia Rank 2023	Icon	Pillar	2013	Prosperity score 10-yr trend	2023	2023	Global Rank 10-yr rank change	Central and South Asia Rank 2023
Safety and Security		66.9		69.6	81	▲ 8	5		Personal Freedom	39.7		39.4	126	▲ 11	7
War and Civil Conflict	20%	87.8		88.3	66	▲ 8	3	Agency	25%	48.9		51.1	91	▲ 7	3
Terrorism	15%	99.5		97.5	73	▼ 5	3	Freedom of Assembly and Association	25%	35.2		30.0	136	▲ 7	8
Politically Related Terror and Violence	30%	54.2		54.2	114	▼ 6	6	Freedom of Speech and Access to Information	25%	29.9		30.1	140	▲ 9	8
Violent Crime	25%	44.9		54.9	73	▲ 25	5	Absence of Legal Discrimination	25%	44.9		46.5	101	▲ 13	1
Property Crime	10%	69.3		73.4	47	▲ 13	4								
Governance		41.2		44.4	99	▲ 11	4		Social Capital	49.7		51.3	108	▼ 23	7
Executive Constraints	15%	34.2		40.8	98	▲ 28	4	Personal and Family Relationships	20%	72.7		84.9	16	▲ 47	1
Political Accountability	15%	34.7		36.7	134	▲ 8	7	Social Networks	20%	57.1		61.6	115	▼ 3	8
Rule of Law	15%	45.5		49.3	61	▲ 17	1	Interpersonal Trust	20%	41.8		36.4	114	▼ 67	7
Government Integrity	15%	32.1		34.6	116	▲ 3	4	Civic and Social Participation	20%	42.0		41.4	92	▼ 16	8
Government Effectiveness	15%	46.6		48.1	80	▲ 3	3	Social Tolerance	20%	35.0		32.0	156	▼ 28	10
Regulatory Quality	15%	49.6		53.2	43	▲ 10	1								
Institutional Trust	10%	48.0		50.1	84	▼ 2	9								
Investment Environment		50.7		55.6	74	▲ 6	2		Enterprise Conditions	50.2		53.7	83	▲ 14	3
Property Rights	30%	46.6		52.2	78	▲ 2	1	Domestic Market Contestability	30%	51.1		50.4	89	▲ 1	3
Investor Protection	20%	69.9		67.9	32	▼ 2	1	Environment for Business Creation	25%	37.3		42.6	135	▲ 10	7
Contract Enforcement	20%	48.2		60.4	73	▲ 43	2	Burden of Regulation	25%	56.5		66.1	22	▲ 16	1
Financing Ecosystem	20%	45.8		48.8	105	▲ 2	7	Labour Market Flexibility	10%	57.9		57.5	35	-	3
Restrictions on International Investment	10%	39.7		45.5	88	▲ 26	1	Price Distortions	10%	56.3		56.3	133	▼ 10	8
Infrastructure and Market Access		46.7		53.4	91	▼ 7	2		Economic Quality	61.1		63.3	38	▲ 3	1
Communications	25%	54.3		81.6	70	▲ 6	1	Fiscal Sustainability	25%	78.6		70.2	18	▼ 5	1
Energy	15%	45.8		40.3	104	▼ 27	5	Macroeconomic Stability	10%	58.0		62.8	68	▲ 13	6
Water	10%	57.0		57.5	68	▲ 2	1	Productivity and Competitiveness	30%	57.0		62.3	61	▲ 6	1
Transport	25%	32.7		39.3	94	▲ 9	5	Dynamism	15%	33.6		43.0	47	▲ 22	1
Border Administration	5%	65.1		32.2	159	▼ 116	10	Labour Force Engagement	20%	67.4		71.7	21	▲ 6	1
Open Market Scale	5%	12.0		10.5	153	▼ 16	8								
Import Tariff Barriers	5%	56.6		57.9	101	▼ 4	1								
Market Distortions	10%	57.3		63.1	71	▲ 13	1								
Living Conditions		76.9		82.4	53	▲ 13	1		Health	67.5		72.2	77	▲ 25	6
Material Resources	20%	83.3		84.5	42	▼ 2	1	Behavioural Risk Factors	10%	37.5		40.5	154	▲ 4	11
Nutrition	20%	84.1		86.7	50	▲ 8	2	Preventative Interventions	15%	91.0		84.2	61	▼ 44	4
Basic Services	10%	92.1		94.0	77	▼ 6	2	Care Systems	15%	55.7		62.1	61	▲ 1	2
Shelter	20%	86.4		84.7	72	-	2	Mental Health	10%	47.0		62.1	92	▲ 54	7
Connectedness	15%	57.8		76.2	59	▲ 15	2	Physical Health	20%	74.5		75.8	42	▲ 17	4
Protection from Harm	15%	54.8		69.4	84	▲ 45	4	Longevity	30%	73.6		82.9	85	▲ 20	2
Education		70.6		78.8	35	▲ 13	1		Natural Environment	46.3		50.2	126	▲ 17	3
Pre-Primary Education	5%	48.5		74.1	72	▲ 26	3	Emissions	15%	34.0		34.0	166	▲ 1	11
Primary Education	20%	90.3		88.5	60	▼ 17	4	Exposure to Air Pollution	15%	64.2		69.1	110	▲ 19	3
Secondary Education	30%	68.4		83.9	17	▲ 40	1	Forest, Land and Soil	20%	36.1		40.6	92	▲ 25	2
Tertiary Education	20%	42.5		52.8	41	▲ 7	1	Freshwater	20%	55.0		58.8	71	▲ 18	1
Adult Skills	25%	84.3		86.7	21	▼ 4	1	Oceans (Insufficient Data)	15%						
								Preservation Efforts	15%	42.6		48.8	60	▲ 16	3



Kazakhstan: Safety and Security (81st): Element and indicator scores

Italics: Indicator contains imputed values

				2013	Value 10-yr trend	2023	Global Rank 2013	2023					2013	Value 10-yr trend	2023	Global Rank 2013	2023	
War and Civil Conflict (66th)				20%	87.8		74	66	Terrorism (73rd)				15%	99.5		68	73	
Two-sided conflict deaths	UCDP	deaths /1,000,000 population	0.5	0.000		0.000	1	1	Terrorism deaths	GTD	deaths /1,000,000 population	2.0	0.025		0.109	93	94	
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	0.025		0.131	77	87	
Conflict-driven internal displacement	IDMC	people /1,000,000 population	1.0	0.0		0.0	1	1	Terrorism incidents	GTD	incidents /1,000,000 population	0.5	0.012		0.075	53	59	
Refugees (origin country)	UNHCR	people /1,000,000 population	1.0	208.3		168.3	94	84	Property cost of terrorism	GTD	US \$ /billion US 2010 \$	1.0	0.0		0.0	1	1	
Politically Related Terror and Violence (114th)				30%	54.2		108	114	Violent Crime (73rd)				25%	44.9		54.9	98	73
Political terror	PTS	index, 1-5	2.0	3.0		3.0	100	91	Intentional homicides	UNODC	homicides /100,000 population	2.0	8.53		3.23	127	87	
Extrajudicial killings	CIRIGHTS	coding, 0-2	1.0	1.0		1.0	70	80	Dispute settlement through violence	WJP	expert survey, 0-1	1.0	0.571		0.604	50	41	
Use of torture	CIRIGHTS	coding, 0-2	1.0	0.0		0.0	84	120	Safety walking alone at night	Gallup	percentage	1.0	56.0		60.0	93	92	
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		3.0	38	49	
Political imprisonment	CIRIGHTS	coding, 0-2	0.5	1.0		1.0	64	78										
One-sided conflict deaths	UCDP	deaths /1,000,000 population	0.5	0.000		0.000	1	1										
Property Crime (47th)				10%	69.3		60	47										
Property stolen	Gallup	percentage	2.0	12.0		9.0	55	45										
Business costs of crime and violence	WEF	expert survey, 1-7	0.5	5.00		5.15	64	37										
Business costs of organised crime	WEF	expert survey, 1-7	1.0	4.93		4.99	84	52										



Kazakhstan: Personal Freedom (126th): Element and indicator scores

Italics: Indicator contains imputed values

		Source	Unit	Weight	2013	Value 10-yr trend	2023	Global Rank 2013	2023			Source	Unit	Weight	2013	Value 10-yr trend	2023	Global Rank 2013	2023
Agency (91st)				25%	48.9		51.1	98	91	Freedom of Assembly and Association (136th)				25%	35.2		30.0	143	136
Personal autonomy and individual rights		FH	coding, 0-16	1.0	8.0		8.0	96	90	Right to associate and organise		FH	coding, 0-12	1.0	3.0		2.0	138	135
Due process and rights		WJP	expert survey, 0-1	1.0	0.441		0.470	82	76	Guarantee of assembly and association		WJP	expert survey, 0-1	1.0	0.41		0.37	137	140
Freedom of movement		CIRIGHTS	coding, 0-4	1.0	2.0		3.0	111	83	Autonomy from the state		V-DEM	index, 0-1	1.0	0.394		0.368	136	130
Women's agency		WomStat	coding, 0-16	1.0	8.0		8.0	82	82										
Freedom from arbitrary interference with privacy		WJP	expert survey, 0-1	1.0	0.34		0.31	103	104										
Freedom from forced labour		V-DEM	index, 0-1	1.0	0.685		0.574	110	130										
Government response to slavery		GSI	index, -10-100	1.0	31.8		32.8	110	112										
Satisfaction with freedom		Gallup	percentage	1.0	75.0		77.0	67	88										
Freedom of Speech and Access to Information (140th)				25%	29.9		30.1	149	140	Absence of Legal Discrimination (101st)				25%	44.9		46.5	114	101
Press freedom from government censorship		FH	index, 0-100	1.0	84.0		85.0	154	149	Equal treatment and absence of discrimination		WJP	expert survey, 0-1	1.0	0.550		0.558	99	86
Press freedom from physical repression		Rsf	index, 0-100	1.0	55.1		50.3	149	143	Non-discriminatory civil justice		WJP	expert survey, 0-1	0.5	0.398		0.535	137	80
Freedom of opinion and expression		WJP	expert survey, 0-1	1.0	0.364		0.369	138	132	Freedom from hiring and workplace discrimination		WJP	expert survey, 0-1	1.0	0.487		0.536	120	87
Government media censorship		V-DEM	coding, 0-4	0.5	1.02		0.58	140	140	LGBT rights		ILGA	coding, 0-3	1.0	1.0		1.0	23	42
Alternative sources of information		V-DEM	index, 0-1	1.0	0.266		0.287	148	139	Protection of women's workplace, education and family rights		WomStat	coding, 0-8	1.0	6.0		7.0	60	84
Political diversity of media perspectives		V-DEM	coding, 0-3	0.5	1.08		1.02	144	140	Freedom of belief and religion		WJP	expert survey, 0-1	1.0	0.594		0.534	118	121
										Government religious intimidation and hostility		Pew	index, 0-1	1.0	0.48		0.42	135	122



Italics: Indicator contains imputed values

				2013	Value 10-yr trend	2023	Global Rank 2013	2023					2013	Value 10-yr trend	2023	Global Rank 2013	2023
Executive Constraints (98th)				15%	34.2	40.8	126	98	Political Accountability (134th)				15%	34.7	36.7	142	134
Executive powers are effectively limited by the judiciary and legislature	WJP	expert survey, 0-3	2.0	0.99	1.33	146	106	Consensus on democracy and a market economy as a goal	BTI	expert survey, 1-10	1.0	6.0	6.0	97	85		
Government powers are subject to independent and non-governmental checks	WJP	expert survey, 0-3	1.0	1.17	1.28	129	105	Political participation and rights	FH	coding, 1-7	0.5	6.0	7.0	121	130		
Transition of power is subject to the law	WJP	expert survey, 0-1	1.0	0.341	0.397	142	123	Democracy level	CSP	expert survey, -10-10	1.0	-6.0	-6.0	148	148		
Military involvement in rule of law and politics	FI	index, 0-10	0.5	8.30	8.33	33	30	Complaint mechanisms	WJP	expert survey, 0-1	1.0	0.375	0.528	151	88		
Government officials are sanctioned for misconduct	WJP	expert survey, 0-1	1.0	0.467	0.457	79	70										
Rule of Law (61st)				15%	45.5	49.3	78	61	Government Integrity (116th)				15%	32.1	34.6	119	116
Judicial independence	WEF	expert survey, 1-7	1.0	3.18	3.91	96	69	Use of public office for private gain	WJP	expert survey, 0-4	1.0	1.32	1.48	91	67		
Civil justice	WJP	expert survey, 0-6	3.0	2.97	3.38	75	51	Diversion of public funds	WEF	expert survey, 1-7	1.0	3.06	3.36	76	76		
Integrity of the legal system	FI	index, 0-10	2.0	5.91	5.19	80	101	Anti-corruption policy	BTI	expert survey, 1-10	1.0	4.0	4.0	82	82		
Efficiency of dispute settlement	WEF	expert survey, 1-7	0.5	3.8	4.1	68	57	Clientelism	V-DEM	index, 0-1	1.0	0.691	0.667	123	126		
								Legislative corruption	V-DEM	coding, 0-4	0.5	1.00	1.00	133	139		
								Judicial corruption	V-DEM	coding, 0-4	0.5	1.30	1.30	138	141		
								Executive corruption	V-DEM	index, 0-1	0.5	0.893	0.826	151	146		
								Public sector corruption	V-DEM	index, 0-1	0.5	0.680	0.702	104	116		
Government Effectiveness (80th)				15%	46.6	48.1	83	80	Regulatory Quality (43rd)				15%	49.6	53.2	53	43
Government quality and credibility	WGI	index, -2.5 - +2.5	2.0	-0.44	0.16	95	61	Right to information	WJP	expert survey, 0-1	0.5	0.56	0.42	57	99		
Prioritisation	BTI	expert survey, 1-10	1.0	5.0	5.0	86	88	Publicised laws and government data	WJP	expert survey, 0-1	1.0	0.47	0.52	66	59		
Efficiency of government spending	WEF	expert survey, 1-7	0.5	3.50	3.29	52	67	Transparency of government policy	WEF	expert survey, 1-7	0.5	4.88	4.60	31	40		
Efficient use of assets	BTI	expert survey, 1-10	1.0	5.0	5.0	69	65	Budget transparency	IBP	index, 0-100	0.5	38.0	63.0	96	46		
Implementation	BTI	expert survey, 1-10	1.0	5.0	5.0	87	87	Regulatory quality	WGI	index, -2.5 - +2.5	1.0	-0.33	0.14	95	66		
Policy learning	BTI	expert survey, 1-10	1.0	5.0	5.0	82	78	Enforcement of regulations	WJP	expert survey, 0-1	1.0	0.583	0.593	45	44		
Policy coordination	BTI	expert survey, 1-10	1.0	7.0	6.0	43	65	Efficiency of legal framework in challenging regulations	WEF	expert survey, 1-7	1.0	3.54	3.54	75	62		
								Delay in administrative proceedings	WJP	expert survey, 0-1	1.0	0.551	0.607	40	31		
Institutional Trust (84th)				10%	48.0	50.1	82	84									
Confidence in local police	Gallup	percentage	2.0	53.0	61.0	124	103										
Public trust in politicians	WEF	expert survey, 1-7	2.0	3.66	3.76	37	37										
Confidence in financial institutions and banks	Gallup	percentage	1.0	46.9	49.6	123	119										
Confidence in judicial system and courts	Gallup	percentage	1.0	43.0	47.0	103	97										
Confidence in national government	Gallup	percentage	1.0	71.6	53.5	31	78										
Confidence in military	Gallup	percentage	0.5	66.0	72.0	101	86										



Kazakhstan: Infrastructure and Market Access (91st): Element and indicator scores

Italics: Indicator contains imputed values

Communications (70th)						Energy (104th)											
Source	Unit	Weight	2013	Value 10-yr trend	2023	Global Rank 2013	Global Rank 2023	Source	Unit	Weight	2013	Value 10-yr trend	2023	Global Rank 2013	Global Rank 2023		
		25%	54.3		81.6	76	70			15%	45.8		40.3	77	104		
International internet bandwidth	ITU	kilobits per second per capita	1.0	47.6		59.1	68	48	Installed electric capacity	UNESD	kilowatts per capita	1.5	1.132		0.000	53	167
2G, 3G and 4G network coverage	GSM4	index, 0-100	2.0	68.8		92.5	71	109	Number of electrical outages in a typical month	WB-ES	number	0.5	1.0		0.5	76	53
Fixed broadband subscriptions	ITU	number /100 population	1.0	5.351		13.956	70	73	Average duration of a typical electrical outage	WB-ES	hours	0.5	6.0		3.1	123	59
Internet usage	ITU	percentage	1.0	31.6		85.9	74	39	Time to obtain an electrical connection upon application	WB-ES	days	1.0	47.8		18.1	130	44
Water (68th)						Transport (94th)											
		10%	57.0		57.5	70	68			25%	32.7		39.3	103	94		
Gross fixed water assets	IBNET	USD per population served	1.0	87.1		87.1	73	73	Logistics performance	WB-LPI	index, 1-5	1.5	2.72		2.83	90	74
Water production	IBNET	litres per capita per day	0.5	265.1		265.1	87	87	Airport connectivity	WEF	index, 0-100	2.0	10,527.5		32,325.8	82	75
Reliability of water supply	WEF	expert survey, 1-7	1.0	4.61		4.68	77	76	Efficiency of seaport services	WEF	expert survey, 1-7	2.0	3.19		3.33	116	110
								<i>Liner shipping connectivity</i>	UNCTAD	<i>index, rebased to 100 in 2004</i>	0.5	30.7		30.7	52	67	
								Quality of roads	WEF	expert survey, 1-7	1.0	2.7		3.6	134	99	
								Road density	FAO	km per 100 sq km of land area	0.5	3.6		3.6	155	155	
								Rail density	UIC	km per sq km of land area	0.5	0.0053		0.0059	80	80	
Border Administration (159th)						Open Market Scale (153rd)											
		5%	65.1		32.2	43	159			5%	12.0		10.5	137	153		
Efficiency of customs clearance process	WB-LPI	survey, 1-5	1.5	2.58		2.66	74	66	Domestic and international market access for goods	WTO	percentage of global GDP	1.5	2.71		3.43	118	127
Number of documents required to be filled out for exports	WB-LPI	number	0.5	1.0		6.0	1	154	Domestic and international market access for services	WTO	percentage of global GDP	2.0	2.4		2.7	87	93
Number of documents required to be filled out for imports	WB-LPI	number	0.5	1.0		5.0	1	126	Trade-weighted average tariff faced in destination markets	WEF	percentage	0.5	4.4		4.9	148	159
Clearance time with physical inspection	WB-LPI	days	0.5	1.0		10.0	6	165	Margin of preference in destination markets	WEF	index, 1-100	0.5	33.9		28.2	100	123
Average time to clear exports through customs (days)	WB-ES	days	0.5	8.5		9.0	119	120									
Import Tariff Barriers (101st)						Market Distortions (71st)											
		5%	56.6		57.9	97	101			10%	57.3		63.1	84	71		
Share of imports free from tariff duties	WEF	percentage	1.5	62.20		40.11	75	112	Extent of liberalisation of foreign trade	BTI	expert survey, 1-10	1.0	7.0		8.0	86	61
Average applied tariff rate	WEF	percentage	2.0	9.42		5.81	109	75	Prevalence of non-tariff barriers	WEF	expert survey, 1-7	1.0	4.44		4.48	62	62
Complexity of tariffs	WEF	index, 1-7	0.3	3.356		4.283	138	130	Non-tariff measures	UNCTAD	number	0.3	629.0		629.0	110	110



Kazakhstan: Health (77th): Element and indicator scores

Italics: Indicator contains imputed values

				2013	Value 10-yr trend	2023	Global Rank						2013	Value 10-yr trend	2023	Global Rank	
				2013	Value 10-yr trend	2023	2013	2023					2013	Value 10-yr trend	2023	2013	2023
Behavioural Risk Factors (154th)			10%	37.5		40.5	158	154	Preventative Interventions (61st)			15%	91.0		84.2	17	61
Obesity	WHO-GDO	percentage	1.0	18.5		21.0	91	93	Diphtheria immunisation	WHO and UNICEF	percentage	1.0	99.0		88.0	1	93
Smoking	WHO	percentage	1.0	28.1		23.2	121	114	Measles immunisation	WHO and UNICEF	percentage	1.0	99.0		93.0	1	57
Substance use disorders	GBD	number /100,000 population	1.0	4,367.7		4,132.1	163	161	Hepatitis immunisation	WHO and UNICEF	percentage	1.0	99.0		88.0	1	88
									Contraceptive prevalence	UNPD	percentage	1.0	49.4		50.1	70	75
									Antenatal care coverage	UNICEF	percentage	1.0	99.9		99.3	12	22
									Existence of national screening programs	WHO	index, 0-1	0.5	1.0		1.0	1	1
Care Systems (61st)			15%	55.7		62.1	62	61	Mental Health (92nd)			10%	47.0		62.1	146	92
Healthcare coverage	ILO	percentage	0.5	30.0		30.0	87	87	Emotional wellbeing	Gallup	index, 0-1	0.5	0.75		0.81	59	8
Health facilities	WHO	index, 0-0.6	1.0	0.416		0.393	14	18	Depressive disorders	GBD	years /100,000 population	1.0	584.4		586.6	59	59
Health practitioners and staff	WHO	index, 0-1	1.0	0.434		0.396	32	56	Suicide	WHO	deaths /100,000 population	1.0	29.4		18.1	159	154
Births attended by skilled health staff	UNICEF	percentage	1.0	99.4		99.9	44	14									
Tuberculosis treatment coverage	WHO	percentage	0.5	100.0		74.0	1	62									
Antiretroviral HIV therapy	UNAIDS	percentage	1.0	8.0		57.0	149	114									
Satisfaction with healthcare	Gallup	percentage	1.0	36.4		48.0	131	114									
Physical Health (42nd)			20%	74.5		75.8	59	42	Longevity (85th)			30%	73.6		82.9	105	85
Physical pain	Gallup	percentage	0.5	21.6		21.6	29	19	Maternal mortality	WB-DI, UNFPA, et al	deaths /100,000 live births	1.0	22.0		10.0	55	40
Health problems	Gallup	percentage	0.5	25.3		21.9	102	64	Under 5 mortality	UNIGME	number /1,000 under 5 years-old	1.0	20.4		10.0	87	67
Communicable diseases	GBD	years /100,000 population	2.0	394.1		384.0	70	68	5-14 mortality	UNIGME	number /1,000 between 5-14 years-old	0.5	3.9		2.5	89	76
Non-communicable diseases	GBD	years /100,000 population	0.5	6,384.4		6,388.3	70	60	15-60 mortality	WHO	number /1,000 between 15-60 years-old	2.0	233.6		152.8	119	99
Raised blood pressure	WHO	percentage	0.5	27.4		27.1	102	105	Life expectancy at 60	WHO	years	1.0	17.2		19.5	120	90



Kazakhstan: Education (35th): Element and indicator scores

Italics: Indicator contains imputed values

				2013	Value 10-yr trend	2023	Global Rank 2013	2023					2013	Value 10-yr trend	2023	Global Rank 2013	2023
Pre-Primary Education (72nd)				5%	48.5	74.1	98	72	Primary Education (60th)				20%	90.3	88.5	43	60
Pre-primary enrolment	UNESCO	percentage	1.0	48.5	74.1	98	72	Primary enrolment	UNESCO	percentage	1.0	89.5	86.9	108	122		
								Primary completion	UNESCO	percentage	1.0	99.8	99.9	33	30		
								Primary education quality	AIAnG&Pat	score, 0-625	0.5	541.1	536.0	13	28		
Secondary Education (17th)				30%	68.4	83.9	57	17	Tertiary Education (41st)				20%	42.5	52.8	48	41
Secondary school enrolment	UNESCO	percentage	1.0	92.9	99.8	19	1	Tertiary enrolment	UNESCO	percentage	1.0	46.2	70.7	58	36		
Lower-secondary completion	UNESCO	percentage	1.0	99.1	99.9	19	12	Tertiary completion	UNESCO	percentage	1.0	58.7	68.6	6	2		
Access to quality education	V-DEM	coding, 0-4	1.0	2.84	2.66	58	64	Average quality of higher education institutions	QS, TES	score, 0-8	0.5	0.063	0.071	43	52		
Secondary education quality	AIAnG&Pat	score, 0-625	2.0	418.8	530.2	80	8	Skillset of university graduates	WEF	expert survey, 1-7	1.0	3.78	3.90	135	121		
								Quality of vocational training	WEF	expert survey, 1-7	1.0	3.56	3.81	126	100		
Adult Skills (21st)				25%	84.3	86.7	17	21									
Adult literacy	UNESCO	percentage	1.0	99.78	99.78	26	29										
Education level of adult population	BL	index, 0-1	1.0	0.78	0.82	3	7										
Women's average years in school	IHME	years	1.0	13.1	13.9	37	37										
Education inequality	Cas&Dom	index, 0-1	0.5	0.096	0.096	15	15										
Digital skills among population	WEF	expert survey, 1-7	0.5	4.60	4.69	45	42										



Kazakhstan: Natural Environment (126th): Element and indicator scores

Italics: Indicator contains imputed values

				2013	Value 10-yr trend	2023	Global Rank 2013 2023						2013	Value 10-yr trend	2023	Global Rank 2013 2023			
Emissions (166th)				15%	34.0		34.0	167	166	Exposure to Air Pollution (110th)				15%	64.2		69.1	129	110
Black carbon emissions	EDGAR	index, 0-1	1.0	0.485		0.585	125	88	Exposure to fine particulate matter	EPI	percentage	2.0	4.425		8.604	82	79		
CO2 emissions	GCB and CW	index, 0-1	2.0	0.329		0.264	165	164	Health impact of air pollution	IHME	DALYs /100,000 population	2.0	1,889.9		1,555.8	135	122		
Methane emissions	EDGAR	index, 0-1	1.0	0.573		0.569	131	129	Satisfaction with air quality	Gallup	percentage	0.5	56.0		64.9	156	135		
NOx emissions	EDGAR	index, 0-1	1.0	0.27		0.29	166	165											
SO2 emissions	EDGAR	index, 0-1	1.0	0.053		0.061	167	167											
Forest, Land and Soil (92nd)				20%	36.1		40.6	117	92	Freshwater (71st)				20%	55.0		58.8	89	71
Flood occurrence	WRI	index, 0-5	1.0	1.7		1.7	27	27	Freshwater withdrawal	FAO	percentage	1.0	35.45		36.58	131	130		
Forest area	FAO	percentage	1.0	1.14		1.28	151	152	Renewable water resources	FAO	m³ per person	1.0	6,904.2		5,917.7	75	76		
Sustainable nitrogen management	EPI	index, 0-sqr(2)	1.0	0.90		0.74	114	64	Satisfaction with water quality	Gallup	percentage	1.0	54.7		68.7	129	93		
									Wastewater treatment	EPI	percentage	1.0	50.0		50.0	49	54		
Oceans (Insufficient Data)				15%					Preservation Efforts (60th)				15%	42.6		48.8	76	60	
Overexploitation of fish stocks (Insufficient Data)			1.0						Protection for biodiverse areas	UNSDG	index, 0-1	1.0	23.681		24.510	127	134		
Clean ocean water (Insufficient Data)			1.0						Terrestrial protected areas	WDPA	percentage	1.0	3.280		10.030	146	118		
Stability of marine biodiversity (Insufficient Data)			1.0						Marine protected areas (Insufficient Data)			1.0							
									Pesticide regulation	EPI	index, 0-25	1.0	13.0		13.0	123	123		
									Long term management of forest areas	FAO	percentage	1.0	93.16		100.00	16	1		
									Satisfaction with preservation efforts	Gallup	percentage	1.0	40.1		50.1	126	84		

Glossary



Source Code	Source Name
AD	Aswath Damodaran
AltAng&Pat	Angrist et al.
BL	Barro and Lee dataset
BTI	Bertelsmann Stiftung Transformation Index
Cas&Dom	Castello-Cilment and Domenech
Chinn-Ito	Chinn-Ito Index
CIRIGHTS	CIRIGHTS Dataset
CSP	Center for Systemic Peace
CW	Climate Watch
ECI	Economic Complexity Index
EDGAR	Emissions Database for Global Atmospheric Research
EPI	Yale and Columbia Universities (Environmental Performance Index)
FAO	Food and Agriculture Organisation
FH	Freedom House
FI	Fraser Institute
Gallup	Gallup
GBD	Global Burden of Disease study
GCB	Global Carbon Budget
GDL	Global Data Lab
GSI	Global Slavery Index
GSMA	Groupe Spéciale Mobile Association
GTD	Global Terrorism Database
Harvard	Harvard database
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
IEA	International Energy Agency
IHME	Institute for Health Metrics and Evaluation
ILGA	International Lesbian, Gay, Bisexual, Trans and Intersex Association
ILO	International Labour Organisation
IMF	International Monetary Fund
IMF-FAS	International Monetary Fund Financial Access Survey
IMF-WEO	International Monetary Fund World Economic Outlook
IRENA	International Renewable Energy Agency
ITU	International Telecommunications Union
JME	UNICEF/WHO/World Bank: Joint child malnutrition estimates
JMP	WHO/UNICEF Joint Monitoring Programme for Water Supply and Sanitation
OECD	Organisation of Economic Co-operation and Development
OHI	Ocean Health Index
OPHI	Oxford Poverty and Human Development Initiative
Pew	Pew Research Center
PTS	Amnesty International & US State Department Political Terror Scale
QS	QS World University Rankings
RAI	Rural Access Index
Rsf	Reporters Without Borders
TE	Trading Economics
TES	TES University Rankings
UCDP	Uppsala Conflict Data Program
UIC	International Union of Railways
UNAIDS	Joint United Nations Programme on HIV and AIDS
UNCOM	United Nations Comtrade Database
UNCTAD	United Nations Trade Data
UNESCO	UNESCO Institute for Statistics
UNESD	United Nations Energy Statistics Database
UNFPA	United Nations Population Fund
UNHCR	United Nations High Commissioner for Refugees
UNICEF	United Nations International Children's Emergency Fund
UNIGME	United Nations Inter-agency Group for Child Mortality Estimation
UNODC	United Nations Office on Drugs and Crime
UNPD	United Nations Population Division
UNSD	United Nations Statistics Division
UNSDG	United Nations sustainable development goals
V-DEM	Varieties of Democracy
WB-ALT	World Bank Alternative Indicator
WB-CPIA	World Bank Group, CPIA database
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)
WomStat	The WomanStats Project
WRI	World Resources Institute
WTO	World Trade Organisation
WVS	World Values Survey, European Values Survey, Global Barometer Surveys, Arab Barometer, Latinobarometro