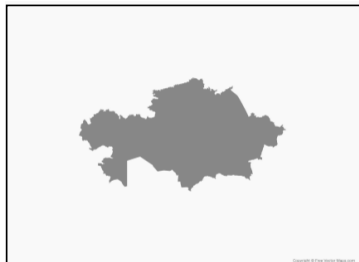


## Region: Former Soviet States



2020 EPI Country Rank (out of 180)

**85**

2020 EPI Score [0=worst, 100=best]

**44.7**

GDP [PPP 2011\$ billions]

**452.1**

GDP *per capita* [\$]

**24,738**

Population [millions]

**18.3**

Urbanization [%]

**57.67**

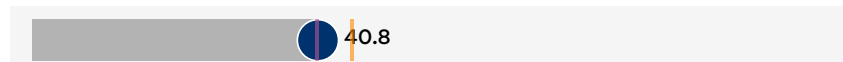
## Country Scorecard

### Issue Categories

### Rank [/180]

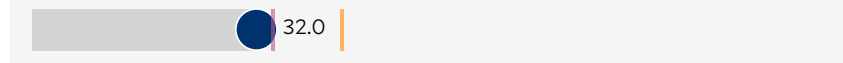
#### Environmental Health

97



Air Quality

115



Sanitation & Drinking Water

66



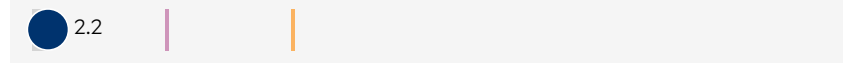
Heavy Metals

78



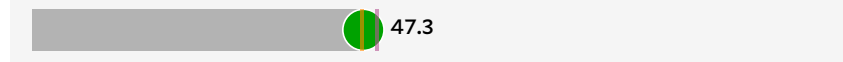
Waste Management

124



#### Ecosystem Vitality

76



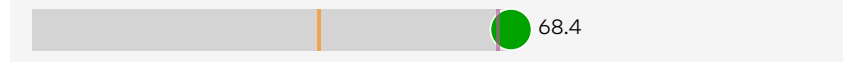
Biodiversity & Habitat

128



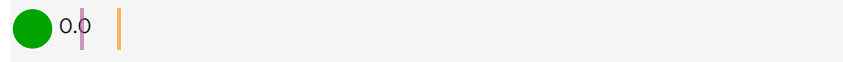
Ecosystem Services

28



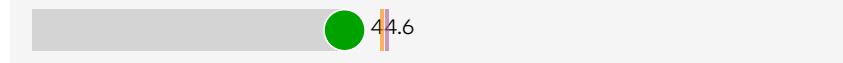
Fisheries

0



Climate Change

108



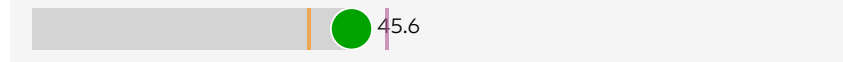
Pollution Emissions

68



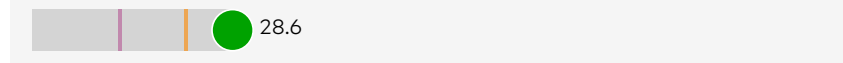
Agriculture

64



Water Resources

51



■ Regional Average   ■ World Average

Region: Former Soviet States

	Rank	EPI Score	10-Year Change	Regional Rank	Regional Average
<b>Environmental Performance Index</b>	<b>85</b>	<b>44.7</b>	<b>+9.0</b>	<b>6</b>	<b>45.7</b>
<b>Environmental Health</b>	<b>97</b>	<b>40.8</b>	<b>+5.2</b>	<b>7</b>	<b>40.7</b>
<b>Air Quality</b>	115	32	+6.6	7	34.3
Household solid fuels	85	40.7	+9.0	7	46.9
PM <sub>2.5</sub> exposure	138	26.6	+5.9	7	24.8
Ozone exposure	167	22	-4.1	11	38.2
<b>Sanitation &amp; Drinking Water</b>	66	55.1	+3.4	4	50.5
Unsafe sanitation	82	54	+4.7	4	49.0
Unsafe drinking water	54	55.8	+2.5	3	51.5
<b>Heavy Metals / Lead exposure</b>	78	52.8	+11.2	5	48.0
<b>Waste Management / Controlled solid waste</b>	124	2.2	-	6	19.1
<b>Ecosystem Vitality</b>	<b>76</b>	<b>47.3</b>	<b>+11.5</b>	<b>8</b>	<b>49.0</b>
<b>Biodiversity &amp; Habitat</b>	128	41.6	+0.8	7	48.9
Terrestrial biomes (nat'l)	158	18.7	+1.9	12	41.5
Terrestrial biomes (global)	152	24.2	+1.1	9	46.2
Marine protected areas	0	0	-	6	14.7
Protected Areas Representativeness Index	169	4.4	+1.1	10	16.5
Species Habitat Index	11	97.2	-1.8	1	90.4
Species Protection Index	83	80.3	-	4	68.9
Biodiversity Habitat Index	44	64.8	+0.8	4	56.0
<b>Ecosystem Services</b>	28	68.4	+19.2	8	66.4
Tree cover loss	23	69.5	+20.5	8	66.1
Grassland loss	106	49.9	+8.5	10	59.0
Wetland loss	46	67.7	+7.7	7	77.3
<b>Fisheries</b>	0	0	-	6	7.0
Fish Stock Status	0	0	-	6	7.8
Marine Trophic Index	0	0	-	6	10.7
Fish caught by trawling	0	0	-	6	3.2
<b>Climate Change</b>	108	44.6	+18.4	9	50.5
CO <sub>2</sub> growth rate	71	47	+30.0	5	44.6
CH <sub>4</sub> growth rate	177	0	-20.3	12	49.9
F-gas growth rate	36	91.8	+34.4	2	88.5
N <sub>2</sub> O growth rate	105	54.6	+49.4	3	33.9
Black Carbon growth rate	127	37.6	-20.2	6	46.9
CO <sub>2</sub> from land cover	1	100	-	1	83.3
Greenhouse gas intensity growth rate	91	47.7	+3.2	5	49.2
Greenhouse gas emissions <i>per capita</i>	170	2.1	-2.8	11	41.5
<b>Pollution Emissions</b>	68	75.2	+10.1	6	58.4
SO <sub>2</sub> growth rate	1	100	+41.3	1	60.8
NO <sub>x</sub> growth rate	91	50.4	-21.1	7	55.9
<b>Agriculture / Sustainable Nitrogen Management Index</b>	64	45.6	+6.3	9	50.5
<b>Water Resources / Wastewater treatment</b>	51	28.6	-	2	12.4

Note: three largest increases in green and three largest decreases in red. "-" indicates no change.

# Country Profile

## KAZAKHSTAN

### Peer Comparisons: EPI Scores for this country and peers based on similar characteristics

EPI Performance	
Bosnia and Herzegovina	45.4
Suriname	45.2
Mauritius	45.1
Tonga	45.1
Algeria	44.8
<b>Kazakhstan</b>	<b>44.7</b>
Dominica	44.6
Moldova	44.4
Bolivia	44.3
Uzbekistan	44.3

GDP per capita	
Greece	69.1
Cyprus	64.8
Romania	64.7
Croatia	63.1
Latvia	61.6
Russia	50.5
Antigua and Barbuda	48.5
Iran	48.0
<b>Kazakhstan</b>	<b>44.7</b>
Turkey	42.6

Issue Performance	
Kuwait	53.6
Iran	48.0
Azerbaijan	46.5
Bosnia and Herzegovina	45.4
Suriname	45.2
<b>Kazakhstan</b>	<b>44.7</b>
Moldova	44.4
Uzbekistan	44.3
Oman	38.5
Philippines	38.4

Regulatory Quality	
Jordan	53.4
Mexico	52.6
Saint Vincent and the Grenadines	48.4
Thailand	45.4
<b>Kazakhstan</b>	<b>44.7</b>
Dominica	44.6
Bahamas	43.5
South Africa	43.1
Philippines	38.4
Rwanda	33.8

Voice & Accountability	
United Arab Emirates	55.6
<b>Kazakhstan</b>	<b>44.7</b>
Qatar	37.1
Zimbabwe	37.0
Central African Republic	36.9
Ethiopia	34.4
Rwanda	33.8
Cambodia	33.6
Cameroon	33.6
Republic of Congo	30.8

Political Stability	
United Kingdom	81.3
Argentina	52.2
Dominican Republic	46.3
<b>Kazakhstan</b>	<b>44.7</b>
Turkmenistan	43.9
Belize	41.9
Equatorial Guinea	38.1
Gambia	27.9
Ghana	27.6
Sierra Leone	25.7

Former Soviet States	
Russia	50.5
Ukraine	49.5
Azerbaijan	46.5
<b>Kazakhstan</b>	<b>44.7</b>
Moldova	44.4
Uzbekistan	44.3
Turkmenistan	43.9
Georgia	41.3
Kyrgyzstan	39.8
Tajikistan	38.2

Landlocked Developing Countries	
Azerbaijan	46.5
Paraguay	46.4
<b>Kazakhstan</b>	<b>44.7</b>
Moldova	44.4
Bolivia	44.3
Uzbekistan	44.3
Turkmenistan	43.9
Botswana	40.4
Kyrgyzstan	39.8
Bhutan	39.3

Ease of Doing Business Index	
Switzerland	81.5
France	80.0
Austria	79.6
Germany	77.2
Japan	75.1
Spain	74.3
Iceland	72.3
Poland	60.9
Russia	50.5
<b>Kazakhstan</b>	<b>44.7</b>

**Note:** 'Issue Performance' based on *k*-nearest neighbors analysis of EPI issue categories.

**Sources:** GDP *per capita*, Worldwide Governance Indicators, and Ease of Doing Business Index from World Bank DataBank. Urbanization rate from UN, Dept. of Economic and Social Affairs, Population Division.