

### Region: Former Soviet States



2020 EPI Country Rank (out of 180)

**58**

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

**50.5**

GDP [PPP 2011\$ billions]

**3,763.2**

GDP *per capita* [\$]

**26,047**

Population [millions]

**144.5**

Urbanization [%]

**74.75**

### Country Scorecard

#### Issue Categories

#### Rank [/180]

#### Environmental Health

Air Quality

Sanitation & Drinking Water

Heavy Metals

Waste Management

#### Ecosystem Vitality

Biodiversity & Habitat

Ecosystem Services

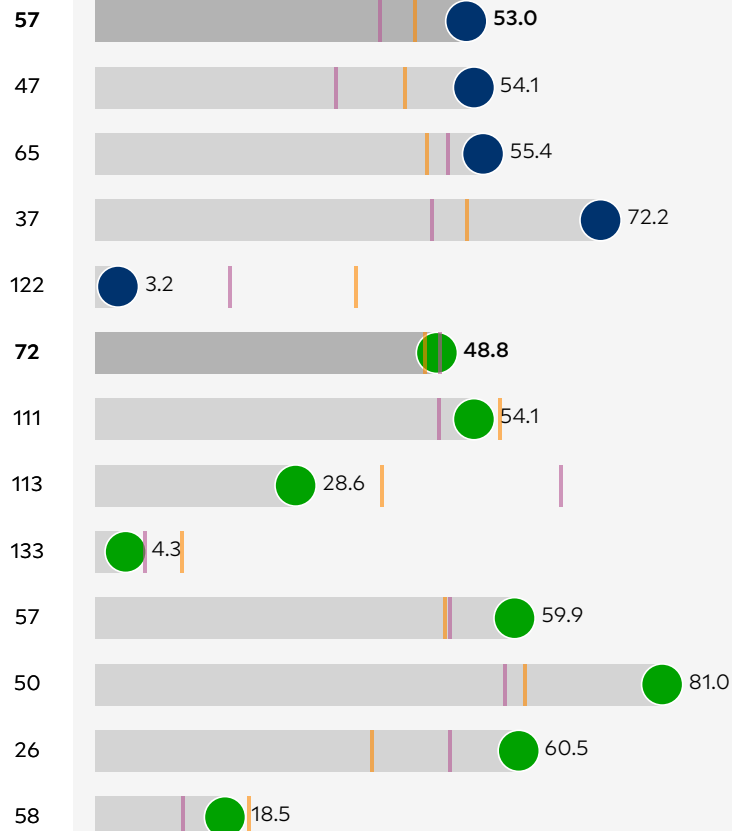
Fisheries

Climate Change

Pollution Emissions

Agriculture

Water Resources



■ Regional Average    ■ World Average

Region: Former Soviet States

|  | Rank | EPI Score | 10-Year Change | Regional Rank | Regional Average |
|--|------|-----------|----------------|---------------|------------------|
| <b>Environmental Performance Index</b>                     | 58   | 50.5      | +3.9           | 3             | 45.7             |
| <b>Environmental Health</b>                                | 57   | 53        | +8.0           | 2             | 40.7             |
| <b>Air Quality</b>   | 47   | 54.1      | +14.1          | 1             | 34.3             |
| Household solid fuels                                      | 57   | 63.7      | +8.3           | 3             | 46.9             |
| PM <sub>2.5</sub> exposure                                 | 62   | 46.9      | +18.4          | 1             | 24.8             |
| Ozone exposure   | 48   | 56.2      | +14.0          | 2             | 38.2             |
| <b>Sanitation &amp; Drinking Water</b>                     | 65   | 55.4      | +1.0           | 3             | 50.5             |
| Unsafe sanitation  | 81   | 55.1      | +1.7           | 3             | 49.0             |
| Unsafe drinking water                                      | 55   | 55.7      | +0.7           | 4             | 51.5             |
| <b>Heavy Metals</b> / Lead exposure                        | 37   | 72.2      | +9.5           | 1             | 48.0             |
| <b>Waste Management</b> / Controlled solid waste           | 122  | 3.2       | -              | 5             | 19.1             |
| <b>Ecosystem Vitality</b>                                  | 72   | 48.8      | +1.1           | 7             | 49.0             |
| <b>Biodiversity &amp; Habitat</b>                          | 111  | 54.1      | -0.6           | 5             | 48.9             |
| Terrestrial biomes (nat'l)                                 | 120  | 52.9      | -              | 5             | 41.5             |
| Terrestrial biomes (global)                                | 117  | 56.4      | -              | 4             | 46.2             |
| Marine protected areas                                     | 51   | 18        | -              | 2             | 14.7             |
| Protected Areas Representativeness Index                   | 112  | 22.5      | +1.6           | 4             | 16.5             |
| Species Habitat Index                                      | 61   | 89.5      | -7.8           | 9             | 90.4             |
| Species Protection Index                                   | 33   | 94.9      | -              | 2             | 68.9             |
| Biodiversity Habitat Index                                 | 3    | 79.4      | -0.2           | 1             | 56.0             |
| <b>Ecosystem Services</b>                                  | 113  | 28.6      | -5.0           | 11            | 66.4             |
| Tree cover loss  | 102  | 26.3      | -7.4           | 10            | 66.1             |
| Grassland loss   | 87   | 55.1      | +14.3          | 6             | 59.0             |
| Wetland loss   | 110  | 43        | +17.7          | 10            | 77.3             |
| <b>Fisheries</b>   | 133  | 4.3       | +0.4           | 3             | 7.0              |
| Fish Stock Status  | 91   | 3.8       | +1.4           | 2             | 7.8              |
| Marine Trophic Index                                       | 111  | 6.6       | -              | 2             | 10.7             |
| Fish caught by trawling                                    | 65   | 2.2       | -0.2           | 3             | 3.2              |
| <b>Climate Change</b>                                      | 57   | 59.9      | +4.6           | 3             | 50.5             |
| CO <sub>2</sub> growth rate                                | 50   | 56.9      | +6.2           | 4             | 44.6             |
| CH <sub>4</sub> growth rate                                | 102  | 59.8      | +16.4          | 4             | 49.9             |
| F-gas growth rate  | 105  | 86        | -5.8           | 10            | 88.5             |
| N <sub>2</sub> O growth rate                               | 107  | 52.7      | -12.7          | 4             | 33.9             |
| Black Carbon growth rate                                   | 1    | 100       | +36.7          | 1             | 46.9             |
| CO <sub>2</sub> from land cover                            | 79   | 53.9      | -              | 11            | 83.3             |
| Greenhouse gas intensity growth rate                       | 132  | 36.2      | -38.5          | 9             | 49.2             |
| Greenhouse gas emissions <i>per capita</i>                 | 162  | 9.2       | -1.5           | 10            | 41.5             |
| <b>Pollution Emissions</b>                                 | 50   | 81        | -11.6          | 2             | 58.4             |
| SO <sub>2</sub> growth rate                                | 76   | 75.7      | -24.3          | 4             | 60.8             |
| NO <sub>x</sub> growth rate                                | 42   | 86.3      | +1.0           | 4             | 55.9             |
| <b>Agriculture</b> / Sustainable Nitrogen Management Index | 26   | 60.5      | +8.6           | 3             | 50.5             |
| <b>Water Resources</b> / Wastewater treatment              | 58   | 18.5      | -              | 3             | 12.4             |

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

# Country Profile

## RUSSIA

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

| EPI Performance |      |
|-----------------|------|
| Armenia         | 52.3 |
| Argentina       | 52.2 |
| Brazil          | 51.2 |
| Bahrain         | 51.0 |
| Ecuador         | 51.0 |
| Russia          | 50.5 |
| Venezuela       | 50.3 |
| Ukraine         | 49.5 |
| Uruguay         | 49.1 |
| Albania         | 49.0 |

| GDP per capita |      |
|----------------|------|
| Greece         | 69.1 |
| Cyprus         | 64.8 |
| Romania        | 64.7 |
| Latvia         | 61.6 |
| Seychelles     | 58.2 |
| Russia         | 50.5 |
| Iran           | 48.0 |
| Malaysia       | 47.9 |
| Kazakhstan     | 44.7 |
| Turkey         | 42.6 |

| Issue Performance |      |
|-------------------|------|
| Taiwan            | 57.2 |
| Serbia            | 55.2 |
| Kuwait            | 53.6 |
| Argentina         | 52.2 |
| Russia            | 50.5 |
| Albania           | 49.0 |
| Paraguay          | 46.4 |
| Thailand          | 45.4 |
| Suriname          | 45.2 |
| Moldova           | 44.4 |

| Regulatory Quality |      |
|--------------------|------|
| Russia             | 50.5 |
| Honduras           | 37.8 |
| Guyana             | 35.9 |
| Maldives           | 35.6 |
| Eswatini           | 33.8 |
| Cambodia           | 33.6 |
| Papua New Guinea   | 32.4 |
| Mali               | 29.4 |
| Vanuatu            | 28.9 |
| Lesotho            | 28.0 |

| Voice & Accountability |      |
|------------------------|------|
| United Arab Emirates   | 55.6 |
| Russia                 | 50.5 |
| Thailand               | 45.4 |
| Iraq                   | 39.5 |
| Nicaragua              | 39.2 |
| Oman                   | 38.5 |
| Zimbabwe               | 37.0 |
| Rwanda                 | 33.8 |
| Cameroon               | 33.6 |
| Afghanistan            | 25.5 |

| Political Stability |      |
|---------------------|------|
| Mexico              | 52.6 |
| Russia              | 50.5 |
| Saudi Arabia        | 44.0 |
| Georgia             | 41.3 |
| Indonesia           | 37.8 |
| Honduras            | 37.8 |
| Guatemala           | 31.8 |
| Tanzania            | 31.1 |
| Republic of Congo   | 30.8 |
| Madagascar          | 26.5 |

| Former Soviet States |      |
|----------------------|------|
| Belarus              | 53.0 |
| Armenia              | 52.3 |
| Russia               | 50.5 |
| Ukraine              | 49.5 |
| Azerbaijan           | 46.5 |
| Kazakhstan           | 44.7 |
| Moldova              | 44.4 |
| Uzbekistan           | 44.3 |
| Turkmenistan         | 43.9 |
| Georgia              | 41.3 |

| G-20         |      |
|--------------|------|
| South Korea  | 66.5 |
| Mexico       | 52.6 |
| Argentina    | 52.2 |
| Brazil       | 51.2 |
| Russia       | 50.5 |
| Saudi Arabia | 44.0 |
| South Africa | 43.1 |
| Turkey       | 42.6 |
| Indonesia    | 37.8 |
| China        | 37.3 |

| Ease of Doing Business Index |      |
|------------------------------|------|
| Switzerland                  | 81.5 |
| France                       | 80.0 |
| Japan                        | 75.1 |
| Spain                        | 74.3 |
| Slovenia                     | 72.0 |
| Czech Republic               | 71.0 |
| Portugal                     | 67.0 |
| Poland                       | 60.9 |
| Russia                       | 50.5 |
| Kazakhstan                   | 44.7 |

**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.