

# Country Profile

## JAPAN

### Region: Asia-Pacific

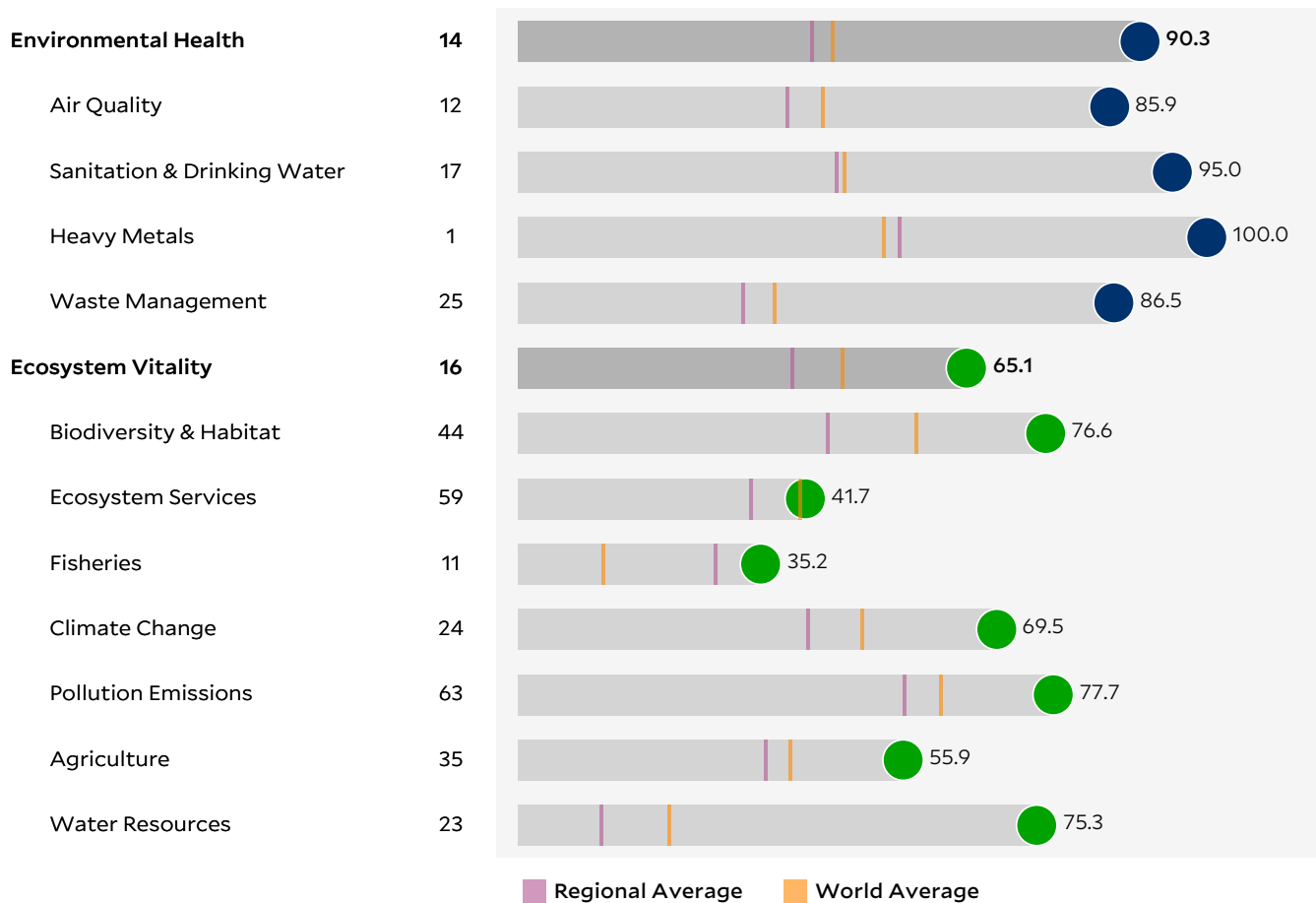


2020 EPI Country Rank (out of 180)	GDP [PPP 2011\$ billions]	<b>4,971.8</b>
<b>12</b>	GDP <i>per capita</i> [\$]	<b>39,294</b>
2020 EPI Score [0=worst, 100=best]	Population [millions]	<b>126.5</b>
<b>75.1</b>	Urbanization [%]	<b>91.78</b>

### Country Scorecard

#### Issue Categories

#### Rank [/180]



Region: Asia-Pacific

	Rank	EPI Score	10-Year Change	Regional Rank	Regional Average
<b>Environmental Performance Index</b>	12	75.1	-0.5	1	40.8
<b>Environmental Health</b>	14	90.3	+0.4	1	42.4
<b>Air Quality</b>	12	85.9	+0.1	1	39.0
Household solid fuels	1	100	+1.9	1	33.1
PM <sub>2.5</sub> exposure	17	78	-1.6	1	42.0
Ozone exposure	38	60.2	+3.8	8	53.2
<b>Sanitation &amp; Drinking Water</b>	17	95	+0.9	1	46.2
Unsafe sanitation	1	100	-	1	51.1
Unsafe drinking water	20	91.6	+1.5	1	42.9
<b>Heavy Metals</b> / Lead exposure	1	100	-	1	55.4
<b>Waste Management</b> / Controlled solid waste	25	86.5	-	3	32.7
<b>Ecosystem Vitality</b>	16	65.1	-0.9	1	39.7
<b>Biodiversity &amp; Habitat</b>	44	76.6	-1.2	2	44.9
Terrestrial biomes (nat'l)	1	100	-	1	58.3
Terrestrial biomes (global)	1	100	-	1	56.9
Marine protected areas	33	71.5	+5.7	2	12.5
Protected Areas Representativeness Index	94	28.3	+2.8	3	15.7
Species Habitat Index	134	68.6	-28.6	10	62.6
Species Protection Index	104	69.1	+2.5	11	62.5
Biodiversity Habitat Index	75	56.9	-0.1	14	58.2
<b>Ecosystem Services</b>	59	41.7	-1.2	5	33.8
Tree cover loss	43	42.9	-0.8	4	32.6
Grassland loss	163	19.6	-10.9	14	51.2
Wetland loss	123	41	+1.3	7	45.1
<b>Fisheries</b>	11	35.2	-1.8	8	28.6
Fish Stock Status	104	1.1	-3.7	20	13.0
Marine Trophic Index	4	93.5	-	3	32.4
Fish caught by trawling	36	7	-1.6	14	37.8
<b>Climate Change</b>	24	69.5	+1.9	1	42.1
CO <sub>2</sub> growth rate	47	57.6	+5.1	1	30.6
CH <sub>4</sub> growth rate	1	100	-	1	59.7
F-gas growth rate	99	87.6	-6.8	11	90.5
N <sub>2</sub> O growth rate	1	100	-	1	58.7
Black Carbon growth rate	1	100	-	1	56.2
CO <sub>2</sub> from land cover	46	65.1	-	3	38.5
Greenhouse gas intensity growth rate	132	36.2	-5.3	15	43.1
Greenhouse gas emissions <i>per capita</i>	146	23	+0.7	20	52.6
<b>Pollution Emissions</b>	63	77.7	-22.3	5	56.1
SO <sub>2</sub> growth rate	108	56.4	-43.6	17	69.2
NO <sub>x</sub> growth rate	29	99	-1.0	3	43.1
<b>Agriculture</b> / Sustainable Nitrogen Management Index	35	55.9	+0.4	4	35.9
<b>Water Resources</b> / Wastewater treatment	23	75.3	-	3	11.9

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

# Country Profile

## JAPAN

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

EPI Performance	
Norway	77.7
Germany	77.2
Netherlands	75.3
Japan	75.1
Australia	74.9
Spain	74.3
Belgium	73.3
Ireland	72.8
Iceland	72.3
Slovenia	72.0

GDP per capita	
United Kingdom	81.3
France	80.0
Finland	78.9
Japan	75.1
New Zealand	71.3
Italy	71.0
Malta	70.7
South Korea	66.5
Bahrain	51.0
Oman	38.5

Issue Performance	
Luxembourg	82.3
Austria	79.6
Finland	78.9
Germany	77.2
Netherlands	75.3
Japan	75.1
Italy	71.0
Greece	69.1
South Korea	66.5
Israel	65.8

Regulatory Quality	
France	80.0
Japan	75.1
Belgium	73.3
Iceland	72.3
Czech Republic	71.0
Malta	70.7
Israel	65.8
Latvia	61.6
Taiwan	57.2
Chile	55.3

Voice & Accountability	
Japan	75.1
Spain	74.3
Slovenia	72.0
Italy	71.0
Czech Republic	71.0
United States of America	69.3
Cyprus	64.8
Taiwan	57.2
Chile	55.3
Cabo Verde	32.8

Political Stability	
Japan	75.1
Ireland	72.8
Czech Republic	71.0
Canada	71.0
Uruguay	49.1
Dominica	44.6
Saint Lucia	43.1
Grenada	43.1
Bhutan	39.3
Kiribati	37.7

Asia-Pacific	
Japan	75.1
South Korea	66.5
Singapore	58.1
Taiwan	57.2
Brunei Darussalam	54.8
Malaysia	47.9
Thailand	45.4
Tonga	45.1
Philippines	38.4
Indonesia	37.8

G-20	
United Kingdom	81.3
France	80.0
Germany	77.2
Japan	75.1
Australia	74.9
Canada	71.0
Italy	71.0
United States of America	69.3
South Korea	66.5
Mexico	52.6

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
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.