

# Country Profile

## TONGA

### Region: Asia-Pacific

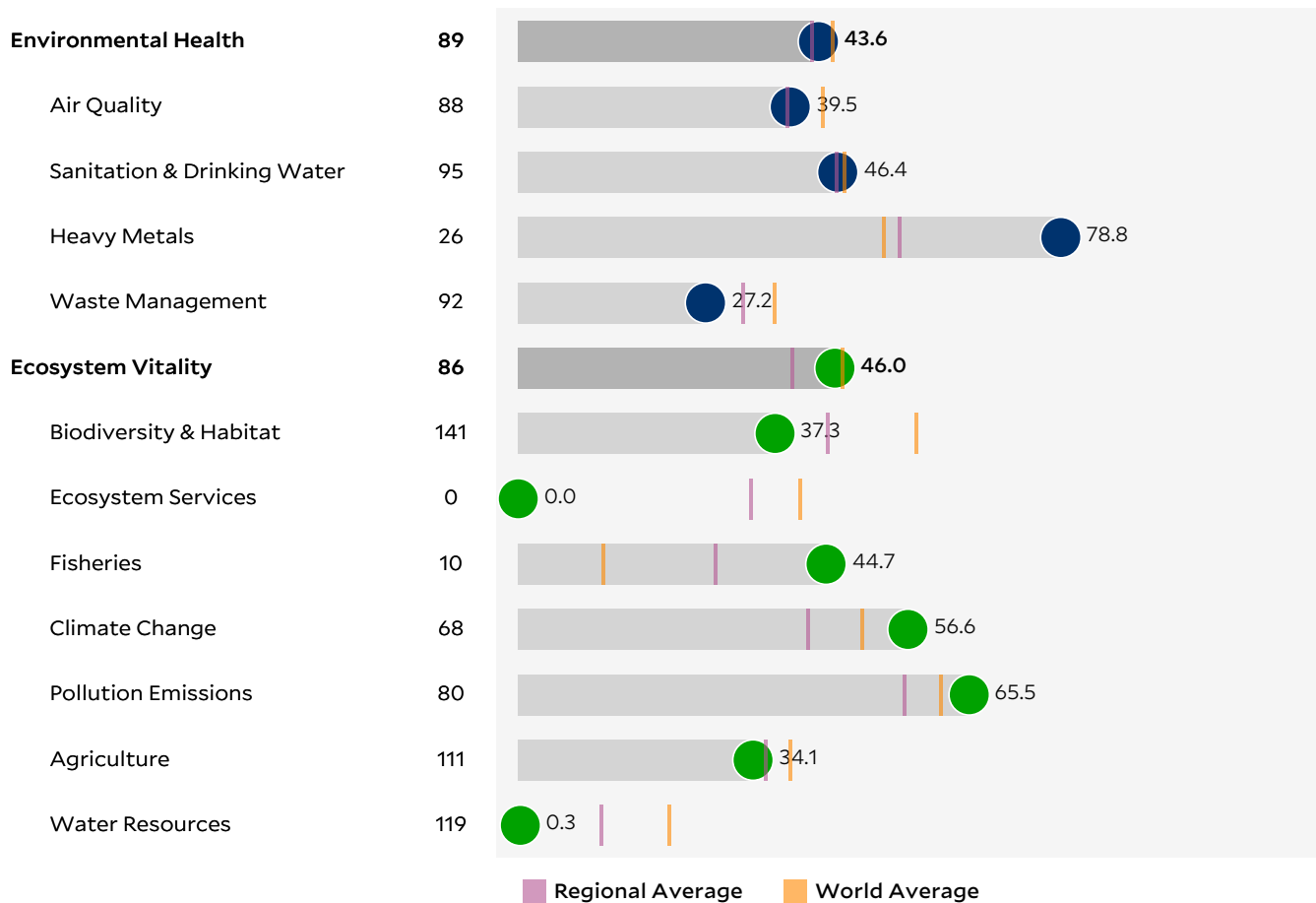


2020 EPI Country Rank (out of 180)	GDP [PPP 2011\$ billions]	<b>0.6</b>
<b>82</b>	GDP <i>per capita</i> [\$]	<b>5,696</b>
2020 EPI Score [0=worst, 100=best]	Population [millions]	<b>0.1</b>
<b>45.1</b>	Urbanization [%]	<b>23.10</b>

### Country Scorecard

#### Issue Categories

#### Rank [/180]



Region: Asia-Pacific

	Rank	EPI Score	10-Year Change	Regional Rank	Regional Average
<b>Environmental Performance Index</b>	<b>82</b>	<b>45.1</b>	<b>+2.4</b>	<b>8</b>	<b>40.8</b>
<b>Environmental Health</b>	<b>89</b>	<b>43.6</b>	<b>+0.9</b>	<b>8</b>	<b>42.4</b>
<b>Air Quality</b>	<b>88</b>	<b>39.5</b>	<b>+0.8</b>	<b>8</b>	<b>39.0</b>
Household solid fuels	114	24.3	+4.2	10	33.1
PM <sub>2.5</sub> exposure	52	49.6	-2.0	5	42.0
Ozone exposure	60	50.5	+4.5	11	53.2
<b>Sanitation &amp; Drinking Water</b>	<b>95</b>	<b>46.4</b>	<b>+0.7</b>	<b>11</b>	<b>46.2</b>
Unsafe sanitation	86	52	+2.5	11	51.1
Unsafe drinking water	97	42.7	-0.4	10	42.9
<b>Heavy Metals / Lead exposure</b>	<b>26</b>	<b>78.8</b>	<b>+3.7</b>	<b>5</b>	<b>55.4</b>
<b>Waste Management / Controlled solid waste</b>	<b>92</b>	<b>27.2</b>	<b>-</b>	<b>13</b>	<b>32.7</b>
<b>Ecosystem Vitality</b>	<b>86</b>	<b>46</b>	<b>+3.3</b>	<b>5</b>	<b>39.7</b>
<b>Biodiversity &amp; Habitat</b>	<b>141</b>	<b>37.3</b>	<b>+0.6</b>	<b>14</b>	<b>44.9</b>
Terrestrial biomes (nat'l)	113	58.3	-	14	58.3
Terrestrial biomes (global)	114	58.3	-	14	56.9
Marine protected areas	103	0.5	-	18	12.5
Protected Areas Representativeness Index	164	5	+5.0	21	15.7
Species Habitat Index	0	0	-	23	62.6
Species Protection Index	0	0	-	23	62.5
Biodiversity Habitat Index	56	59.2	+0.4	8	58.2
<b>Ecosystem Services</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>24</b>	<b>33.8</b>
Tree cover loss	0	0	-	24	32.6
Grassland loss	0	0	-	22	51.2
Wetland loss	0	0	-	22	45.1
<b>Fisheries</b>	<b>10</b>	<b>44.7</b>	<b>-16.9</b>	<b>7</b>	<b>28.6</b>
Fish Stock Status	78	6.3	-25.4	16	13.0
Marine Trophic Index	5	58.6	-	4	32.4
Fish caught by trawling	6	73.5	-26.5	5	37.8
<b>Climate Change</b>	<b>68</b>	<b>56.6</b>	<b>+6.3</b>	<b>4</b>	<b>42.1</b>
CO <sub>2</sub> growth rate	73	45.7	+5.6	4	30.6
CH <sub>4</sub> growth rate	72	74.4	+0.2	7	59.7
F-gas growth rate	0	0	-	23	90.5
N <sub>2</sub> O growth rate	1	100	+35.8	1	58.7
Black Carbon growth rate	36	87.5	-12.5	3	56.2
CO <sub>2</sub> from land cover	0	0	-	24	38.5
Greenhouse gas intensity growth rate	115	42.6	+28.0	13	43.1
Greenhouse gas emissions <i>per capita</i>	52	69.9	-5.3	9	52.6
<b>Pollution Emissions</b>	<b>80</b>	<b>65.5</b>	<b>+23.5</b>	<b>7</b>	<b>56.1</b>
SO <sub>2</sub> growth rate	1	100	+62.0	1	69.2
NO <sub>x</sub> growth rate	143	31	-15.0	17	43.1
<b>Agriculture / Sustainable Nitrogen Management Index</b>	<b>111</b>	<b>34.1</b>	<b>+16.8</b>	<b>13</b>	<b>35.9</b>
<b>Water Resources / Wastewater treatment</b>	<b>119</b>	<b>0.3</b>	<b>-</b>	<b>12</b>	<b>11.9</b>

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

# Country Profile

## TONGA

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

EPI Performance	
Barbados	45.6
Bosnia and Herzegovina	45.4
Lebanon	45.4
Thailand	45.4
Suriname	45.2
Mauritius	45.1
Tonga	45.1
Algeria	44.8
Kazakhstan	44.7
Dominica	44.6

GDP per capita	
Tonga	45.1
Moldova	44.4
Nicaragua	39.2
Samoa	37.3
Pakistan	33.1
Nigeria	31.0
Republic of Congo	30.8
Angola	29.7
Djibouti	28.1
Myanmar	25.1

Issue Performance	
Thailand	45.4
Tonga	45.1
Dominica	44.6
Peru	44.0
Samoa	37.3
Timor-Leste	35.3
Fiji	34.4
Papua New Guinea	32.4
Comoros	32.1
Marshall Islands	30.8

Regulatory Quality	
Brazil	51.2
Azerbaijan	46.5
Lebanon	45.4
Tonga	45.1
Grenada	43.1
Kyrgyzstan	39.8
Bhutan	39.3
Burkina Faso	38.3
Viet Nam	33.4
Benin	30.0

Voice & Accountability	
Argentina	52.2
Antigua and Barbuda	48.5
Jamaica	48.2
Trinidad and Tobago	47.5
Panama	47.3
Tonga	45.1
Grenada	43.1
Vanuatu	28.9
Ghana	27.6
Solomon Islands	26.7

Political Stability	
Austria	79.6
Sweden	78.7
Netherlands	75.3
Slovenia	72.0
Taiwan	57.2
Saint Vincent and the Grenadines	48.4
Mauritius	45.1
Tonga	45.1
Bahamas	43.5
Marshall Islands	30.8

Asia-Pacific	
Brunei Darussalam	54.8
Malaysia	47.9
Thailand	45.4
Tonga	45.1
Philippines	38.4
Indonesia	37.8
Kiribati	37.7
China	37.3
Samoa	37.3
Timor-Leste	35.3

Small Island Developing States	
Trinidad and Tobago	47.5
Dominican Republic	46.3
Barbados	45.6
Suriname	45.2
Mauritius	45.1
Tonga	45.1
Dominica	44.6
Bahamas	43.5
Grenada	43.1
Saint Lucia	43.1

Ease of Doing Business Index	
Seychelles	58.2
Jordan	53.4
Uruguay	49.1
Trinidad and Tobago	47.5
Tonga	45.1
Namibia	40.2
Sri Lanka	39.0
Samoa	37.3
Fiji	34.4
Guatemala	31.8

**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.