
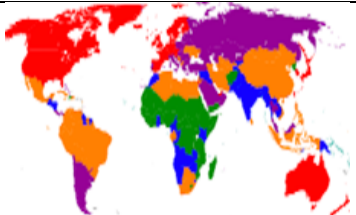



**UN CLIMATE TREATY, “stabilize greenhouse gas atmospheric concentrations.... prevent danger... “limit global warming to well below 2°C preferably 1.5°C”.**


**Below 1. ranked by UN development level (education-health-wealth) are 2. the 195 nation Parties with 3. cumulative emissions (cause of present climate change), 4. current emissions (cause of future climate change), 5. trends, and actions by current emissions per year now 6. for 2°C and 7. for 1.5°C (at 83% [best] likelihood, no overshoot, no negative emissions). DATA SOURCES below, for all science references, complete explanations, UN Biodiversity Treaty data and more [ExistentialStocktake.org](http://ExistentialStocktake.org)**


	UN HDI	Emissions CO2 tonnes CUMULATIVE per capita	Emissions CO2 tonnes CURRENT per year per capita	Emissions 5 year TRENDS average per year	CHANGE required by current responsibility PER YEAR NOW for 2°C	CHANGE required by current responsibility PER YEAR NOW for 1.5°C
<b>ULTRA HIGH dev.</b>		<b>903</b>	<b>13.1</b>	<b>-0.9%</b>	<b>-14.8%</b>	<b>-74.6%</b>
<b>VERY HIGH dev.</b>		<b>450</b>	<b>7.7</b>	<b>+1.3%</b>	<b>-8.9%</b>	<b>-36.8%</b>
<b>HIGH dev.</b>		<b>157</b>	<b>5.4</b>	<b>+4.5%</b>	<b>-6.0%</b>	<b>-22.9%</b>
<b>MEDIUM dev.</b>		<b>39</b>	<b>1.6</b>	<b>+5.2%</b>	<b>-1.0%</b>	<b>-5.4%</b>
<b>LOW developed</b>		<b>11</b>	<b>0.5</b>	<b>+4.2%</b>	<b>+1.5%</b>	<b>-1.0%</b>
<b>Humanity</b>		<b>217</b>	<b>4.8</b>	<b>+1.7%</b>	<b>-5.1%</b>	<b>-18.8%</b>
<b>EU 60% 40%</b>		<b>670</b>	<b>8.2</b>	<b>-1.7%</b>	<b>-8.8%</b>	<b>-36.5%</b>
<b>Switzerland</b>	<b>1</b>	<b>359</b>	<b>14.6</b>	<b>-2.9%</b>	<b>-15.6%</b>	<b>-82.0%</b>
<b>Norway</b>	<b>2</b>	<b>504</b>	<b>9.5</b>	<b>+0.3%</b>	<b>-10.9%</b>	<b>-48.3%</b>
<b>Iceland</b>	<b>3</b>	<b>427</b>	<b>9.4 *</b>	<b>-0.7%</b>	<b>-10.8%</b>	<b>-47.3%</b>


	HDI	Emissions CO2 tonnes CUMULATIVE per capita	Emissions CO2 tonnes CURRENT per year per capita	Emissions 5 year TRENDS average per year	CHANGE required by current responsibility PER YEAR NOW for 2°C	CHANGE required by current responsibility PER YEAR NOW for 1.5°C
<b>Hong Kong</b>	<b>4</b>	<b>226</b>	<b>11.7</b>	<b>-5.7%</b>	<b>-13.1%</b>	<b>-63.3%</b>
<b>Australia</b>	<b>5</b>	<b>743</b>	<b>14.8</b>	<b>-1.0%</b>	<b>-18.1%</b>	<b>-15 t/cap *</b>
<b>Denmark</b>	<b>6</b>	<b>717</b>	<b>8.3</b>	<b>-1.8%</b>	<b>-8.8%</b>	<b>-36.5%</b>
<b>Sweden</b>	<b>7</b>	<b>488</b>	<b>6.9</b>	<b>-1.2%</b>	<b>-7.0%</b>	<b>-27.7%</b>
<b>Ireland</b>	<b>8</b>	<b>462</b>	<b>10.6</b>	<b>+1.2%</b>	<b>-11.1%</b>	<b>-48.9%</b>
<b>Germany</b>	<b>9</b>	<b>1 144</b>	<b>10.5</b>	<b>-1.4%</b>	<b>-11.5%</b>	<b>-51.7%</b>
<b>Netherlands</b>	<b>10</b>	<b>693</b>	<b>10.0</b>	<b>-0.5%</b>	<b>-10.8%</b>	<b>-47.6%</b>
<b>Finland</b>	<b>11</b>	<b>597</b>	<b>10.0</b>	<b>-2.8%</b>	<b>-10.5%</b>	<b>-46.4%</b>
<b>Singapore</b>	<b>12</b>	<b>361</b>	<b>28.2</b>	<b>-3.3%</b>	<b>-36.1%</b>	<b>-47 t/cap *</b>
<b>Belgium</b>	<b>13</b>	<b>1 100</b>	<b>18.0</b>	<b>-1.1%</b>	<b>-20.7%</b>	<b>-20 t/cap *</b>
<b>New Zealand</b>	<b>13</b>	<b>379</b>	<b>8.2</b>	<b>+0.2%</b>	<b>-9.4%</b>	<b>-39.3%</b>
<b>Canada</b>	<b>15</b>	<b>909</b>	<b>14.5</b>	<b>-1.2%</b>	<b>-16.8%</b>	<b>-12 t/cap *</b>
<b>Liechtenstein</b>	<b>16</b>	<b>163</b>	<b>4.0 *</b>	<b>0.0%</b>	<b>-4.3%</b>	<b>-15.9%</b>
<b>Luxembourg</b>	<b>17</b>	<b>1 206</b>	<b>15.5</b>	<b>-3.9%</b>	<b>-15.7%</b>	<b>-83.4%</b>
<b>United Kingdom</b>	<b>18</b>	<b>1 138</b>	<b>8.0</b>	<b>-2.9%</b>	<b>-8.2%</b>	<b>-33.6%</b>
<b>Japan</b>	<b>19</b>	<b>552</b>	<b>10.3</b>	<b>-2.9%</b>	<b>-11.7%</b>	<b>-53.5%</b>
<b>South Korea</b>	<b>19</b>	<b>374</b>	<b>14.1</b>	<b>+1.0%</b>	<b>-16.9%</b>	<b>-91.1%</b>
<b>USA</b>	<b>21</b>	<b>1 278</b>	<b>17.6</b>	<b>-0.5%</b>	<b>-21.0%</b>	<b>-21 t/cap *</b>
<b>Israel</b>	<b>22</b>	<b>275</b>	<b>9.6</b>	<b>-0.5%</b>	<b>-10.3%</b>	<b>-44.5%</b>


\* Remove from the atmosphere XX CO2 tonnes per capita of national population


	HDI	Emissions CO2 tonnes CUMULATIVE per capita	Emissions CO2 tonnes CURRENT per year per capita	Emissions 5 year TRENDS average per year	CHANGE required by current responsibility PER YEAR NOW for 2°C	CHANGE required by current responsibility PER YEAR NOW for 1.5°C
<b>Malta</b>	<b>23</b>	<b>203</b>	<b>20.3</b>	<b>+5.4%</b>	<b>-23.7%</b>	<b>-26 t/cap *</b>
<b>Slovenia</b>	<b>23</b>	<b>418</b>	<b>10.1</b>	<b>3.2%</b>	<b>-11.5%</b>	<b>-51.2%</b>
<b>Austria</b>	<b>25</b>	<b>636</b>	<b>10.4</b>	<b>-1.3%</b>	<b>-11.3%</b>	<b>-50.7%</b>
<b>Un. Arab Emirates</b>	<b>26</b>	<b>554</b>	<b>22.1</b>	<b>-3.7%</b>	<b>-27.5%</b>	<b>-33 t/cap *</b>
<b>Spain</b>	<b>27</b>	<b>325</b>	<b>6.2</b>	<b>+0.1%</b>	<b>-6.4%</b>	<b>-24.8%</b>
<b>France</b>	<b>28</b>	<b>615</b>	<b>6.7</b>	<b>-0.9%</b>	<b>-7.0%</b>	<b>-27.4%</b>
<b>Cyprus</b>	<b>29</b>	<b>247</b>	<b>6.5</b>	<b>+1.7%</b>	<b>-6.7%</b>	<b>-25.9%</b>
<b>Italy</b>	<b>30</b>	<b>435</b>	<b>7.5</b>	<b>-1.7%</b>	<b>-7.9%</b>	<b>-31.8%</b>
<b>Estonia</b>	<b>31</b>	<b>1 268</b>	<b>11.4</b>	<b>-3.2%</b>	<b>-11.5%</b>	<b>-52.1%</b>
<b>Czechia</b>	<b>32</b>	<b>1 180</b>	<b>10.7</b>	<b>+1.2%</b>	<b>-12.2%</b>	<b>-55.5%</b>
<b>Greece</b>	<b>33</b>	<b>408</b>	<b>5.2</b>	<b>-2.5%</b>	<b>-6.0%</b>	<b>-22.8%</b>
<b>Poland</b>	<b>34</b>	<b>724</b>	<b>8.3</b>	<b>+0.6%</b>	<b>-9.3%</b>	<b>-39.0%</b>
<b>Bahrain</b>	<b>35</b>	<b>677</b>	<b>14.4</b>	<b>+0.9%</b>	<b>-20.4%</b>	<b>-20 t/cap *</b>
<b>Lithuania</b>	<b>35</b>	<b>587</b>	<b>8.0</b>	<b>+7.5%</b>	<b>-9.6%</b>	<b>-40.1%</b>
<b>Saudi Arabia</b>	<b>35</b>	<b>470</b>	<b>18.4</b>	<b>+0.6%</b>	<b>-26.2%</b>	<b>-31 t/cap *</b>
<b>Portugal</b>	<b>38</b>	<b>265</b>	<b>5.3</b>	<b>+1.4%</b>	<b>-5.6%</b>	<b>-21.3%</b>
<b>Latvia</b>	<b>39</b>	<b>532</b>	<b>8.4</b>	<b>+5.4%</b>	<b>-9.7%</b>	<b>-40.4%</b>
<b>Andorra</b>	<b>40</b>	<b>199</b>	<b>5.9 *</b>	<b>-0.8%</b>	<b>-6.5%</b>	<b>-25.3%</b>
<b>Croatia</b>	<b>40</b>	<b>284</b>	<b>5.9</b>	<b>+4.3%</b>	<b>-7.0%</b>	<b>-27.3%</b>
<b>Chile</b>	<b>42</b>	<b>157</b>	<b>5.3</b>	<b>+3.3%</b>	<b>-5.4%</b>	<b>-20.2%</b>

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<b>Qatar</b>	<b>42</b>	<b>820</b>	<b>27.2</b>	<b>+5.4%</b>	<b>-44.9%</b>	<b>-60 t/cap *</b>
<b>San Marino</b>	<b>44</b>	<b>0</b>		<b>na</b>	<b>na</b>	<b>na</b>
<b>Slovakia</b>	<b>45</b>	<b>715</b>	<b>7.7</b>	<b>+0.4%</b>	<b>-8.5%</b>	<b>-34.6%</b>
<b>Hungary</b>	<b>46</b>	<b>520</b>	<b>6.9</b>	<b>+2.5%</b>	<b>-7.8%</b>	<b>-31.2%</b>
<b>Argentina</b>	<b>47</b>	<b>195</b>	<b>3.9</b>	<b>-2.0%</b>	<b>-4.0%</b>	<b>-14.8%</b>
<b>Turkey</b>	<b>48</b>	<b>136</b>	<b>4.9</b>	<b>-0.2%</b>	<b>-5.7%</b>	<b>-21.4%</b>
<b>Montenegro</b>	<b>49</b>	<b>172</b>	<b>2.9 *</b>	<b>-2.9%</b>	<b>-2.9%</b>	<b>-10.7%</b>
<b>Kuwait</b>	<b>50</b>	<b>723</b>	<b>24.0</b>	<b>+6.4%</b>	<b>-36.9%</b>	<b>-48 t/cap *</b>
<b>Brunei Darussalam</b>	<b>51</b>	<b>848</b>	<b>23.2</b>	<b>+2.5%</b>	<b>-34.6%</b>	<b>-45 t/cap *</b>
<b>Russian Fed.</b>	<b>52</b>	<b>833</b>	<b>9.8</b>	<b>-0.1%</b>	<b>-11.8%</b>	<b>-53.6%</b>
<b>Romania</b>	<b>53</b>	<b>451</b>	<b>4.5</b>	<b>+0.9%</b>	<b>-5.0%</b>	<b>-18.7%</b>
<b>Oman</b>	<b>54</b>	<b>315</b>	<b>12.5</b>	<b>-1.2%</b>	<b>-17.0%</b>	<b>-92.8%</b>
<b>Bahamas</b>	<b>55</b>	<b>429</b>	<b>6.0 *</b>	<b>+3.7%</b>	<b>-7.0%</b>	<b>-27.1%</b>
<b>Kazakhstan</b>	<b>56</b>	<b>751</b>	<b>9.5</b>	<b>+0.9%</b>	<b>-12.4%</b>	<b>-56.8%</b>
<b>Trinidad &amp; Tobago</b>	<b>57</b>	<b>1 077</b>	<b>17.7</b>	<b>+6.2%</b>	<b>-25.5%</b>	<b>-29 t/cap *</b>
<b>Costa Rica</b>	<b>58</b>	<b>52</b>	<b>2.6</b>	<b>+0.8%</b>	<b>-2.3%</b>	<b>-8.9%</b>
<b>Uruguay</b>	<b>58</b>	<b>113</b>	<b>3.2</b>	<b>-1.6%</b>	<b>-3.3%</b>	<b>-12.2%</b>
<b>Belarus</b>	<b>60</b>	<b>538</b>	<b>6.7</b>	<b>+0.0%</b>	<b>-7.3%</b>	<b>-29.0%</b>
<b>Panama</b>	<b>61</b>	<b>75</b>	<b>4.3</b>	<b>+5.7%</b>	<b>-4.5%</b>	<b>-16.7%</b>
<b>Malaysia</b>	<b>62</b>	<b>190</b>	<b>7.9</b>	<b>+0.9%</b>	<b>-9.0%</b>	<b>-37.3%</b>


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<b>Georgia</b>	<b>63</b>	<b>184</b>	<b>3.3</b>	<b>+1.3%</b>	<b>-4.1%</b>	<b>-15.1%</b>
<b>Mauritius</b>	<b>63</b>	<b>95</b>	<b>4.8</b>	<b>+2.0%</b>	<b>-5.5%</b>	<b>-20.5%</b>
<b>Serbia</b>	<b>63</b>	<b>398</b>	<b>4.3 *</b>	<b>-7.4%</b>	<b>-4.4%</b>	<b>-16.3%</b>
<b>Thailand</b>	<b>66</b>	<b>111</b>	<b>4.0</b>	<b>+1.2%</b>	<b>-4.6%</b>	<b>-16.9%</b>
<b>Albania</b>	<b>67</b>	<b>106</b>	<b>2.1</b>	<b>-1.8%</b>	<b>-2.0%</b>	<b>-8.0%</b>
<b>Bulgaria</b>	<b>68</b>	<b>585</b>	<b>5.8</b>	<b>0.4%</b>	<b>-6.4%</b>	<b>-24.7%</b>
<b>Grenada</b>	<b>68</b>	<b>70</b>	<b>2.6 *</b>	<b>3.5%</b>	<b>-2.8%</b>	<b>-10.3%</b>
<b>Barbados</b>	<b>70</b>	<b>204</b>	<b>4.1 *</b>	<b>-3.3%</b>	<b>-4.3%</b>	<b>-16.0%</b>
<b>Antigua &amp; Barbuda</b>	<b>71</b>	<b>241</b>	<b>5.2 *</b>	<b>-1.0%</b>	<b>-5.7%</b>	<b>-21.5%</b>
<b>Seychelles</b>	<b>72</b>	<b>135</b>	<b>5.5 *</b>	<b>0.4%</b>	<b>-6.1%</b>	<b>-23.5%</b>
<b>Sri Lanka</b>	<b>73</b>	<b>24</b>	<b>1.8</b>	<b>2.7%</b>	<b>-1.6%</b>	<b>-6.9%</b>
<b>Bosnia Herzegovina</b>	<b>74</b>	<b>306</b>	<b>4.3 *</b>	<b>-9.1%</b>	<b>-4.2%</b>	<b>-15.7%</b>
<b>Saint Kitts &amp; Nevis</b>	<b>75</b>	<b>142</b>	<b>5.1 *</b>	<b>-0.1%</b>	<b>-5.7%</b>	<b>-21.5%</b>
<b>Iran (Islamic Rep.)</b>	<b>76</b>	<b>226</b>	<b>7.5</b>	<b>2.8%</b>	<b>-9.5%</b>	<b>-39.8%</b>
<b>Ukraine</b>	<b>77</b>	<b>795</b>	<b>4.9</b>	<b>-1.6%</b>	<b>-5.1%</b>	<b>-19.2%</b>
<b>North Macedonia</b>	<b>78</b>	<b>315</b>	<b>3.3 *</b>	<b>-0.5%</b>	<b>-3.6%</b>	<b>-13.0%</b>
<b>China</b>	<b>79</b>	<b>179</b>	<b>7.2</b>	<b>+2.5%</b>	<b>-8.8%</b>	<b>-36.4%</b>
<b>Dominican Rep.</b>	<b>80</b>	<b>71</b>	<b>3.2</b>	<b>-1.8%</b>	<b>-3.2%</b>	<b>-11.6%</b>
<b>Palau</b>	<b>80</b>	<b>362</b>	<b>13.6 *</b>	<b>+2.2%</b>	<b>-16.9%</b>	<b>-90.4%</b>
<b>Moldova (Rep.)</b>	<b>80</b>	<b>420</b>	<b>1.9 *</b>	<b>+2.6%</b>	<b>-1.7%</b>	<b>-7.1%</b>


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<b>Cuba</b>	<b>83</b>	<b>150</b>	<b>2.0 *</b>	<b>-4.9%</b>	<b>-1.7%</b>	<b>-7.1%</b>
<b>Peru</b>	<b>84</b>	<b>60</b>	<b>2.1</b>	<b>+1.6%</b>	<b>-1.6%</b>	<b>-6.9%</b>
<b>Armenia</b>	<b>85</b>	<b>141</b>	<b>2.5</b>	<b>+3.6%</b>	<b>-3.0%</b>	<b>-11.1%</b>
<b>Mexico</b>	<b>86</b>	<b>166</b>	<b>4.3</b>	<b>-1.2%</b>	<b>-3.9%</b>	<b>-14.4%</b>
<b>Brazil</b>	<b>87</b>	<b>79</b>	<b>2.3</b>	<b>-4.8%</b>	<b>-1.9%</b>	<b>-7.6%</b>
<b>Colombia</b>	<b>88</b>	<b>69</b>	<b>2.4</b>	<b>-2.1%</b>	<b>-2.2%</b>	<b>-8.4%</b>
<b>S Vincent Grenadines</b>	<b>89</b>	<b>71</b>	<b>2.1 *</b>	<b>-2.5%</b>	<b>-1.9%</b>	<b>-7.6%</b>
<b>Maldives</b>	<b>90</b>	<b>54</b>	<b>4.2 *</b>	<b>+8.0%</b>	<b>-4.9%</b>	<b>-18.1%</b>
<b>Algeria</b>	<b>91</b>	<b>481</b>	<b>4.1 *</b>	<b>+2.0%</b>	<b>-4.6%</b>	<b>-16.8%</b>
<b>Azerbaijan</b>	<b>91</b>	<b>58</b>	<b>0.9</b>	<b>+0.4%</b>	<b>-4.5%</b>	<b>-16.5%</b>
<b>Tonga</b>	<b>91</b>	<b>44</b>	<b>1.7 *</b>	<b>+6.9%</b>	<b>-1.4%</b>	<b>-6.4%</b>
<b>Turkmenistan</b>	<b>91</b>	<b>399</b>	<b>13.4 *</b>	<b>+2.4%</b>	<b>-17.5%</b>	<b>-92.4%</b>
<b>Ecuador</b>	<b>95</b>	<b>71</b>	<b>2.8</b>	<b>-1.0%</b>	<b>-2.4%</b>	<b>-9.3%</b>
<b>Mongolia</b>	<b>96</b>	<b>227</b>	<b>13.4</b>	<b>+7.6%</b>	<b>-18.3%</b>	<b>-99.7%</b>
<b>Egypt</b>	<b>97</b>	<b>62</b>	<b>2.5</b>	<b>+1.1%</b>	<b>-2.4%</b>	<b>-9.1%</b>
<b>Tunisia</b>	<b>97</b>	<b>78</b>	<b>2.4</b>	<b>+5.3%</b>	<b>-2.3%</b>	<b>-8.8%</b>
<b>Fiji</b>	<b>99</b>	<b>55</b>	<b>1.6 *</b>	<b>+4.5%</b>	<b>-1.4%</b>	<b>-6.3%</b>
<b>Suriname</b>	<b>99</b>	<b>195</b>	<b>4.7 *</b>	<b>+3.4%</b>	<b>-5.3%</b>	<b>-19.9%</b>
<b>Uzbekistan</b>	<b>101</b>	<b>188</b>	<b>3.7 *</b>	<b>+1.9%</b>	<b>-4.0%</b>	<b>-14.7%</b>
<b>Dominica</b>	<b>102</b>	<b>70</b>	<b>2.2 *</b>	<b>-2.6%</b>	<b>-2.1%</b>	<b>-8.2%</b>


	<b>HDI</b>	<b>Emissions CO2 tonnes CUMULATIVE per capita</b>	<b>Emissions CO2 tonnes CURRENT per year per capita</b>	<b>Emissions 5 year TRENDS average per year</b>	<b>CHANGE required by current responsibility PER YEAR NOW for 2°C</b>	<b>CHANGE required by current responsibility PER YEAR NOW for 1.5°C</b>
<b>Jordan</b>	<b>102</b>	<b>66</b>	<b>3.0</b>	<b>-2.6%</b>	<b>-2.8%</b>	<b>-10.5%</b>
<b>Libya</b>	<b>104</b>	<b>334</b>	<b>11.4 *</b>	<b>+7.5%</b>	<b>-14.5%</b>	<b>-69.3%</b>
<b>Paraguay</b>	<b>105</b>	<b>28</b>	<b>2.0</b>	<b>+4.5%</b>	<b>-1.9%</b>	<b>-7.6%</b>
<b>Palestine, State of</b>	<b>106</b>	<b>12</b>	<b>0.6 *</b>	<b>-1.0%</b>	<b>+0.9%</b>	<b>-1.9%</b>
<b>Saint Lucia</b>	<b>106</b>	<b>85</b>	<b>2.8 *</b>	<b>-0.2%</b>	<b>-2.9%</b>	<b>-10.6%</b>
<b>Guyana</b>	<b>108</b>	<b>133</b>	<b>3.9 *</b>	<b>+5.5%</b>	<b>-4.5%</b>	<b>-16.6%</b>
<b>South Africa</b>	<b>109</b>	<b>367</b>	<b>5.9</b>	<b>-0.2%</b>	<b>-6.1%</b>	<b>-23.4%</b>
<b>Jamaica</b>	<b>110</b>	<b>167</b>	<b>2.6</b>	<b>+3.5%</b>	<b>-2.5%</b>	<b>-9.4%</b>
<b>Samoa</b>	<b>111</b>	<b>33</b>	<b>1.4 *</b>	<b>+4.2%</b>	<b>-0.9%</b>	<b>-5.2%</b>
<b>Gabon</b>	<b>112</b>	<b>118</b>	<b>2.5 *</b>	<b>-2.7%</b>	<b>-2.4%</b>	<b>-9.2%</b>
<b>Lebanon</b>	<b>112</b>	<b>141</b>	<b>4.6 *</b>	<b>-1.3%</b>	<b>-5.0%</b>	<b>-18.5%</b>
<b>Indonesia</b>	<b>114</b>	<b>56</b>	<b>2.6</b>	<b>+5.6%</b>	<b>-2.6%</b>	<b>-9.8%</b>
<b>Viet Nam</b>	<b>115</b>	<b>48</b>	<b>2.3</b>	<b>+10.6%</b>	<b>-2.5%</b>	<b>-9.4%</b>
<b>Philippines</b>	<b>116</b>	<b>31</b>	<b>1.7</b>	<b>+5.6%</b>	<b>-1.3%</b>	<b>-6.2%</b>
<b>Botswana</b>	<b>117</b>	<b>61</b>	<b>5.1</b>	<b>-2.7%</b>	<b>-5.4%</b>	<b>-20.3%</b>
<b>Kyrgyzstan</b>	<b>118</b>	<b>131</b>	<b>2.9</b>	<b>-0.3%</b>	<b>-2.8%</b>	<b>-10.5%</b>
<b>Bolivia Plurinat. State</b>	<b>118</b>	<b>48</b>	<b>2.1</b>	<b>+3.0%</b>	<b>-1.8%</b>	<b>-7.5%</b>
<b>Venezuela (Bol.Rep.)</b>	<b>120</b>	<b>283</b>	<b>0.2</b>	<b>na</b>	<b>+1.9%</b>	<b>-0.5%</b>
<b>Iraq</b>	<b>121</b>	<b>110</b>	<b>4.4 *</b>	<b>-1.0%</b>	<b>-4.7%</b>	<b>-17.6%</b>
<b>Tajikistan</b>	<b>122</b>	<b>50</b>	<b>1.5</b>	<b>-6.9%</b>	<b>-0.8%</b>	<b>-4.8%</b>

	<b>HDI</b>	<b>Emissions CO2 tonnes CUMULATIVE per capita</b>	<b>Emissions CO2 tonnes CURRENT per year per capita</b>	<b>Emissions 5 year TRENDS average per year</b>	<b>CHANGE required by current responsibility PER YEAR NOW for 2°C</b>	<b>CHANGE required by current responsibility PER YEAR NOW for 1.5°C</b>
<b>Belize</b>	<b>123</b>	<b>50</b>	<b>1.8 *</b>	<b>+1.9%</b>	<b>-1.5%</b>	<b>-6.6%</b>
<b>Morocco</b>	<b>123</b>	<b>50</b>	<b>2.0</b>	<b>+2.6%</b>	<b>-1.8%</b>	<b>-7.3%</b>
<b>El Salvador</b>	<b>125</b>	<b>39</b>	<b>1.6</b>	<b>+3.5%</b>	<b>-1.1%</b>	<b>-5.5%</b>
<b>Nicaragua</b>	<b>126</b>	<b>27</b>	<b>1.0</b>	<b>+0.9%</b>	<b>+0.1%</b>	<b>-3.2%</b>
<b>Bhutan</b>	<b>127</b>	<b>26</b>	<b>2.0 *</b>	<b>+5.6%</b>	<b>-2.0%</b>	<b>-7.9%</b>
<b>Cabo Verde</b>	<b>128</b>	<b>26</b>	<b>1.2 *</b>	<b>+4.3%</b>	<b>-0.5%</b>	<b>-4.4%</b>
<b>Bangladesh</b>	<b>129</b>	<b>10</b>	<b>0.9</b>	<b>+5.7%</b>	<b>+0.1%</b>	<b>-3.1%</b>
<b>Tuvalu</b>	<b>130</b>	<b>26</b>	<b>0.7 *</b>	<b>+1.5%</b>	<b>+0.5%</b>	<b>-2.4%</b>
<b>Marshall Islands</b>	<b>131</b>	<b>88</b>	<b>3.9 *</b>	<b>+2.0%</b>	<b>-4.3%</b>	<b>-15.8%</b>
<b>India</b>	<b>132</b>	<b>41</b>	<b>1.8</b>	<b>+4.4%</b>	<b>-1.6%</b>	<b>-6.7%</b>
<b>Ghana</b>	<b>133</b>	<b>12</b>	<b>0.7</b>	<b>-0.4%</b>	<b>+0.5%</b>	<b>-2.5%</b>
<b>Micronesia (Fed.)</b>	<b>134</b>	<b>40</b>	<b>1.4 *</b>	<b>+2.0%</b>	<b>-1.0%</b>	<b>-5.4%</b>
<b>Guatemala</b>	<b>135</b>	<b>27</b>	<b>1.5</b>	<b>na</b>	<b>-1.1%</b>	<b>-5.5%</b>
<b>Kiribati</b>	<b>136</b>	<b>17</b>	<b>0.6 *</b>	<b>+5.3%</b>	<b>+1.0%</b>	<b>-1.8%</b>
<b>Honduras</b>	<b>137</b>	<b>27</b>	<b>0.9</b>	<b>+4.5%</b>	<b>+0.1%</b>	<b>-3.1%</b>
<b>Sao Tome Principe</b>	<b>138</b>	<b>16</b>	<b>0.6 *</b>	<b>+1.1%</b>	<b>+0.9%</b>	<b>-1.9%</b>
<b>Namibia</b>	<b>139</b>	<b>32</b>	<b>4.0</b>	<b>-4.8%</b>	<b>-4.0%</b>	<b>-14.7%</b>
<b>Lao PDR</b>	<b>140</b>	<b>24</b>	<b>3.2</b>	<b>na</b>	<b>-5.1%</b>	<b>-18.4%</b>
<b>Timor-Leste</b>	<b>140</b>	<b>7</b>	<b>0.6 *</b>	<b>+4.4%</b>	<b>+1.0%</b>	<b>-1.8%</b>
<b>Vanuatu</b>	<b>140</b>	<b>15</b>	<b>0.6 *</b>	<b>+3.5%</b>	<b>+1.0%</b>	<b>-1.7%</b>



	<b>HDI</b>	<b>Emissions CO2 tonnes CUMULATIVE per capita</b>	<b>Emissions CO2 tonnes CURRENT per year per capita</b>	<b>Emissions 5 year TRENDS average per year</b>	<b>CHANGE required by current responsibility PER YEAR NOW for 2°C</b>	<b>CHANGE required by current responsibility PER YEAR NOW for 1.5°C</b>
<b>Nepal</b>	<b>143</b>	<b>6</b>	<b>0.9</b>	<b>na</b>	<b>-0.4%</b>	<b>-4.1%</b>
<b>Eswatini</b>	<b>144</b>	<b>36</b>	<b>0.9 *</b>	<b>+0.5%</b>	<b>+0.0%</b>	<b>-3.3%</b>
<b>Equatorial Guinea</b>	<b>145</b>	<b>90</b>	<b>3.3 *</b>	<b>-7.2%</b>	<b>-3.2%</b>	<b>-11.8%</b>
<b>Cambodia</b>	<b>146</b>	<b>11</b>	<b>2.5</b>	<b>+10.8%</b>	<b>-2.9%</b>	<b>-10.5%</b>
<b>Zimbabwe</b>	<b>146</b>	<b>50</b>	<b>0.8</b>	<b>-1.3%</b>	<b>+0.4%</b>	<b>-2.6%</b>
<b>Angola</b>	<b>148</b>	<b>19</b>	<b>0.6 *</b>	<b>-4.8%</b>	<b>+0.9%</b>	<b>-1.8%</b>
<b>Myanmar</b>	<b>149</b>	<b>12</b>	<b>0.7 *</b>	<b>+11.3%</b>	<b>+0.4%</b>	<b>-2.6%</b>
<b>Syrian Arab Rep.</b>	<b>150</b>	<b>87</b>	<b>1.3 *</b>	<b>-1.5%</b>	<b>-0.7%</b>	<b>-4.6%</b>
<b>Cameroon</b>	<b>151</b>	<b>9</b>	<b>0.4</b>	<b>-0.8%</b>	<b>+1.7%</b>	<b>-0.7%</b>
<b>Kenya</b>	<b>152</b>	<b>9</b>	<b>0.6</b>	<b>+0.4%</b>	<b>+1.1%</b>	<b>-1.5%</b>
<b>Congo</b>	<b>153</b>	<b>19</b>	<b>1.3 *</b>	<b>+5.0%</b>	<b>-0.8%</b>	<b>-5.0%</b>
<b>Zambia</b>	<b>154</b>	<b>13</b>	<b>0.5</b>	<b>+0.4%</b>	<b>+1.6%</b>	<b>-0.8%</b>
<b>Solomon Islands</b>	<b>155</b>	<b>15</b>	<b>0.5 *</b>	<b>+1.8%</b>	<b>+1.4%</b>	<b>-1.1%</b>
<b>Comoros</b>	<b>156</b>	<b>7</b>	<b>0.4 *</b>	<b>+4.4%</b>	<b>+0.1%</b>	<b>-3.2%</b>
<b>Papua New Guinea</b>	<b>156</b>	<b>19</b>	<b>0.9 *</b>	<b>+9.3%</b>	<b>-0.1%</b>	<b>-3.5%</b>
<b>Mauritania</b>	<b>158</b>	<b>17</b>	<b>0.9 *</b>	<b>+6.5%</b>	<b>+1.7%</b>	<b>-0.7%</b>
<b>Cote d'Ivoire</b>	<b>159</b>	<b>13</b>	<b>0.6</b>	<b>+2.2%</b>	<b>+1.0%</b>	<b>-1.7%</b>
<b>Tanzania (Un. Rep.)</b>	<b>160</b>	<b>4</b>	<b>0.3</b>	<b>-0.4%</b>	<b>+2.2%</b>	<b>-0.1%</b>
<b>Pakistan</b>	<b>161</b>	<b>23</b>	<b>1.0</b>	<b>+5.5%</b>	<b>-0.4%</b>	<b>-4.0%</b>
<b>Togo</b>	<b>162</b>	<b>8</b>	<b>1.0</b>	<b>na</b>	<b>-0.5%</b>	<b>-4.3%</b>

	<b>HDI</b>	<b>Emissions CO2 tonnes CUMULATIVE per capita</b>	<b>Emissions CO2 tonnes CURRENT per year per capita</b>	<b>Emissions 5 year TRENDS average per year</b>	<b>CHANGE required by current responsibility PER YEAR NOW for 2°C</b>	<b>CHANGE required by current responsibility PER YEAR NOW for 1.5°C</b>
<b>Haiti</b>	<b>163</b>	<b>7</b>	<b>0.3 *</b>	<b>-0.8%</b>	<b>+2.5%</b>	<b>+0.3%</b>
<b>Nigeria</b>	<b>163</b>	<b>19</b>	<b>0.6</b>	<b>+0.3%</b>	<b>+0.7%</b>	<b>-2.1%</b>
<b>Rwanda</b>	<b>165</b>	<b>2</b>	<b>0.2</b>	<b>na</b>	<b>+2.8%</b>	<b>+0.7%</b>
<b>Benin</b>	<b>166</b>	<b>9</b>	<b>0.6</b>	<b>-0.5%</b>	<b>+0.7%</b>	<b>-2.2%</b>
<b>Uganda</b>	<b>166</b>	<b>2</b>	<b>0.2</b>	<b>+4.6%</b>	<b>+3.0%</b>	<b>+0.9%</b>
<b>Lesotho</b>	<b>168</b>	<b>29</b>	<b>1.0 *</b>	<b>+0.5%</b>	<b>-0.2%</b>	<b>-3.6%</b>
<b>Malawi</b>	<b>169</b>	<b>3</b>	<b>0.1</b>	<b>na</b>	<b>+3.2%</b>	<b>+1.1%</b>
<b>Senegal</b>	<b>170</b>	<b>15</b>	<b>1.0</b>	<b>+6.2%</b>	<b>-0.2%</b>	<b>-3.7%</b>
<b>Djibouti</b>	<b>171</b>	<b>18</b>	<b>0.4 *</b>	<b>-0.2%</b>	<b>+1.9%</b>	<b>-0.4%</b>
<b>Sudan</b>	<b>172</b>	<b>10</b>	<b>0.5 *</b>	<b>+0.9%</b>	<b>+1.4%</b>	<b>-1.2%</b>
<b>Madagascar</b>	<b>173</b>	<b>4</b>	<b>0.2</b>	<b>+2.4%</b>	<b>+2.8%</b>	<b>+0.7%</b>
<b>Gambia</b>	<b>174</b>	<b>6</b>	<b>0.3 *</b>	<b>+2.0%</b>	<b>+2.5%</b>	<b>+0.2%</b>
<b>Ethiopia</b>	<b>175</b>	<b>2</b>	<b>0.2</b>	<b>na</b>	<b>+2.8%</b>	<b>+0.7%</b>
<b>Eritrea</b>	<b>176</b>	<b>5</b>	<b>0.2 *</b>	<b>+4.8%</b>	<b>+2.6%</b>	<b>+0.4%</b>
<b>Guinea-Bissau</b>	<b>177</b>	<b>5</b>	<b>0.2 *</b>	<b>+2.8%</b>	<b>+3.1%</b>	<b>1.0%</b>
<b>Liberia</b>	<b>178</b>	<b>10</b>	<b>0.2 *</b>	<b>-2.6%</b>	<b>+2.6%</b>	<b>0.5%</b>
<b>Congo (DR)</b>	<b>179</b>	<b>2</b>	<b>0.0 *</b>	<b>+5.2%</b>	<b>+5.9%</b>	<b>4.0%</b>
<b>Afghanistan</b>	<b>180</b>	<b>5</b>	<b>0.3 *</b>	<b>+5.4%</b>	<b>+2.1%</b>	<b>-0.2%</b>
<b>Sierra Leone</b>	<b>181</b>	<b>5</b>	<b>0.2 *</b>	<b>+2.4%</b>	<b>+3.2%</b>	<b>1.2%</b>
<b>Guinea</b>	<b>182</b>	<b>7</b>	<b>0.5 *</b>	<b>na</b>	<b>+1.0%</b>	<b>-1.7%</b>

	HDI	Emissions CO2 tonnes CUMULATIVE per capita	Emissions CO2 tonnes CURRENT per year per capita	Emissions 5 year TRENDS average per year	CHANGE required by current responsibility PER YEAR NOW for 2°C	CHANGE required by current responsibility PER YEAR NOW for 1.5°C
<b>Yemen</b>	<b>183</b>	<b>20</b>	<b>0.4 *</b>	<b>+2.6%</b>	<b>+1.7%</b>	<b>-0.7%</b>
<b>Burkina Faso</b>	<b>184</b>	<b>3</b>	<b>0.3</b>	<b>+9.2%</b>	<b>+2.1%</b>	<b>-0.2%</b>
<b>Mozambique</b>	<b>185</b>	<b>6</b>	<b>0.5</b>	<b>-5.7%</b>	<b>+1.6%</b>	<b>-0.8%</b>
<b>Mali</b>	<b>186</b>	<b>3</b>	<b>0.2 *</b>	<b>+4.4%</b>	<b>+2.8%</b>	<b>0.7%</b>
<b>Burundi</b>	<b>187</b>	<b>1</b>	<b>0.1 *</b>	<b>+8.1%</b>	<b>+4.7%</b>	<b>2.9%</b>
<b>Central African Rep.</b>	<b>188</b>	<b>2</b>	<b>0.0 *</b>	<b>+2.7%</b>	<b>+5.3%</b>	<b>3.4%</b>
<b>Niger</b>	<b>189</b>	<b>2</b>	<b>0.1 *</b>	<b>+4.6%</b>	<b>+3.8%</b>	<b>1.8%</b>
<b>Chad</b>	<b>190</b>	<b>2</b>	<b>0.1 *</b>	<b>-0.9%</b>	<b>+3.8%</b>	<b>1.8%</b>
<b>South Sudan</b>	<b>191</b>	<b>4</b>	<b>0.2 *</b>	<b>-1.6%</b>	<b>+3.4%</b>	<b>1.3%</b>
<b>Nauru</b>		<b>398</b>	<b>4.9 *</b>	<b>+2.9%</b>	<b>-5.6%</b>	<b>-20.9%</b>
<b>Korea (DPR of)</b>		<b>203</b>	<b>2.2 *</b>	<b>na</b>	<b>-2.6%</b>	<b>-9.6%</b>
<b>Somalia</b>		<b>2</b>	<b>0.0 *</b>	<b>-1.0%</b>	<b>+5.5%</b>	<b>3.7%</b>

#### Data sources:

Column 1: United Nations Development Programme, Human Development Index, 2022

Column 3: Global Carbon Budget 2022v1, Territorial emissions 1850-2021

Column 4 & 5: Global Carbon Budget 2022v1, Consumption emissions, \* consumption emissions are not known and territorial emissions are used (76 nations, 3.0% of total emissions, 8.9% of population).

Column 6 & 7: Intergovernmental Panel on Climate Change, AR6, WG1, Climate Change (2021) The Physical Science Basis. Table 5.8: Assessed remaining carbon budget. The remaining Carbon Budget (83% probability) to limit global warming to 2°C / 1.5°C (compared to 1850-1900) is 900 / 300 GtCO<sub>2</sub> by 1/1/2020, or 860 / 260 GtCO<sub>2</sub> by 2021, with no overshoot and no negative emissions. 90% of budget allocated to fossil fuel emissions and cement equals 760 / 230 GtCO<sub>2</sub> from 2021 onwards. Human population in 2021 is 7.9 billion (UN World Population Prospects – 2021 revision). 760 / 230 billion tonnes of CO<sub>2</sub> divided over 7.9 billion people is 96 / 29 tonnes CO<sub>2</sub> / capita. When a nation's emission limit for 2°C / 1.5°C has been exceeded, the excess amount of CO<sub>2</sub> per capita by the end of 2023 is given; to be on-limit the excess should be removed from the atmosphere.