

# Venezuela (Bolivarian Republic of)

Summary score: 51

Exposure score: 45 Health score: 73 Policy score: 36

The scores represent simple averages.

[See methods and results for additional information.](#)

The scores are out of 100.

	Extent of the problem	Health impact	Policies												
<b>Air pollution</b>  <a href="#">View actions and interventions</a>	<b>3 x</b> the WHO air quality guideline value for PM <sub>2.5</sub>  WHO Guideline (annual mean): 5 µg/m <sup>3</sup> Annual country mean: <b>16 µg/m<sup>3</sup></b>  <b>5%</b> Population without clean fuels and technology for cooking	<b>19%</b> Deaths from stroke and ischaemic heart disease caused by air pollution <sup>1</sup>  <sup>1</sup> Air pollution causes many other diseases and adverse health outcomes, only stroke and ischaemic heart disease have been chosen for this scorecard.	Existence of legal standards for PM <sub>2.5</sub> <b>no</b>  Compliant with WHO Air Quality Guidelines N/A  Existence of national policy on household energy N/A												
<b>WASH</b>  <a href="#">View actions and interventions</a>	N/A Population without safe drinking water <sup>2</sup>  <b>73%</b> Population without safe sanitation <sup>2</sup>  <sup>2</sup> Operationalised as using safely managed drinking water and sanitation services.	<b>44%</b> Deaths from diarrhoea caused by unsafe drinking water, sanitation and inadequate personal hygiene	<table border="1"> <thead> <tr> <th></th> <th>Urban</th> <th>Rural</th> </tr> </thead> <tbody> <tr> <td>Drinking water</td> <td>N/A of what is needed</td> <td>N/A of what is needed</td> </tr> <tr> <td>Sanitation</td> <td>N/A of what is needed</td> <td>N/A of what is needed</td> </tr> <tr> <td>WASH</td> <td>Health care facilities N/A of what is needed</td> <td>Schools N/A of what is needed</td> </tr> </tbody> </table>		Urban	Rural	Drinking water	N/A of what is needed	N/A of what is needed	Sanitation	N/A of what is needed	N/A of what is needed	WASH	Health care facilities N/A of what is needed	Schools N/A of what is needed
	Urban	Rural													
Drinking water	N/A of what is needed	N/A of what is needed													
Sanitation	N/A of what is needed	N/A of what is needed													
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<b>Climate change</b>  <a href="#">View actions and interventions</a>	<b>77%</b> Fossil fuels and traditional use of biomass in total final energy consumption  Percentage of hot days <sup>3</sup> in 2050 under a high emissions scenario <sup>4</sup> N/A  <sup>3</sup> A 'hot day' is a day when maximum temperature exceeds the 90th percentile threshold for that time of year. The threshold is based on the period 1961-1990. Analysis by the Climatic Research Unit, University of East Anglia, 2018.	Heat deaths in 2050 compared to 1961-1990 period under a high emissions scenario <sup>4</sup> in the 65+ age group  N/A  <sup>4</sup> High emissions scenario RCP8.5 - Representative Concentration Pathway 8.5.  <sup>5</sup> Existence of a recent national assessment and plan refers to having conducted a climate change and health vulnerability and adaptation assessment and/or a health national adaptation plan (HNAP) since January 2020.	Existence of recent national assessment and plan <sup>5</sup> N/A Vulnerability and adaptation assessment N/A Health National Adaptation plan (HNAP)  Commitment to COP26 Health Programme Climate resilient health systems <b>no</b> Sustainable low carbon health systems <b>no</b> Net zero commitment <b>no</b>  Inclusion of health co-benefits in Nationally Determined Contribution (NDC) <b>yes</b>												

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	Extent of the problem	Health impact	Policies
<b>Biodiversity</b>   <a href="#" style="color: white; text-decoration: none; font-size: small;">View actions and interventions</a>	<div style="display: flex; align-items: center;"> <div> <p>Terrestrial and marine area protected</p> <p style="font-size: 24px; font-weight: bold; color: #28a745;">39 %</p> <p style="font-size: small;">Global target: Conserve 30% of land, waters and seas by 2030.</p> </div> </div> <hr/> <div style="display: flex; align-items: center;"> <div> <p>Change in forest area 1990-2020</p> <p style="font-size: 24px; font-weight: bold; color: #28a745;">- 11 %</p> <p>Change in forest area (%)</p> </div> </div> <hr/> <div style="display: flex; align-items: center;"> <div> <p style="font-size: 24px; font-weight: bold; color: #28a745;">-57 950 km<sup>2</sup></p> <p>Change in forest area (km<sup>2</sup>)</p> </div> </div>	<p>INSUFFICIENT DATA</p>	<div style="display: flex; align-items: center;"> <div> <p>Post-COP15 National Biodiversity Strategy and Action Plan submitted</p> <p style="font-size: 24px; font-weight: bold; color: #28a745;">yes</p> </div> </div> <hr/>
<b>Chemicals</b>   <a href="#" style="color: white; text-decoration: none; font-size: small;">View actions and interventions</a>	<div style="display: flex; align-items: center;"> <div> <p>Mean blood lead level in children under 5 years*</p> <p style="font-size: 24px; font-weight: bold; color: #6f42c1;">12 µg/dL</p> </div> </div> <hr/> <div style="display: flex; align-items: center;"> <div> <p>International Health Regulations (IHR) capacity score for chemical events<sup>6</sup></p> <p style="font-size: 24px; font-weight: bold; color: #6f42c1;">20 %</p> <p style="font-size: small;">(out of 100%)</p> </div> </div> <hr/> <p style="font-size: x-small;">* Key informants report on attainment of a set of attributes for chemical events (core capacity 14) using a standard WHO instrument.</p>	<p>Poisoning deaths in 100,000 children under five, per year:</p> <p style="font-size: 24px; font-weight: bold; color: #6f42c1;">&lt;1</p>	<div style="display: flex; align-items: center;"> <div> <p>Existence of legal limit on lead paint</p> <p style="font-size: 24px; font-weight: bold; color: #6f42c1;">N/A</p> </div> </div> <hr/> <div style="display: flex; align-items: center;"> <div> <p>Existence of a poison centre</p> <p style="font-size: 24px; font-weight: bold; color: #6f42c1;">yes</p> </div> </div> <hr/> <div style="display: flex; align-items: center;"> <div> <p>Party to the Minamata Convention on Mercury</p> <p style="font-size: 24px; font-weight: bold; color: #6f42c1;">no</p> </div> </div>
<b>Radiation</b>   <a href="#" style="color: white; text-decoration: none; font-size: small;">View actions and interventions</a>	<div style="display: flex; align-items: center;"> <div> <p>International Health Regulations (IHR) capacity score for radiation emergencies<sup>7</sup></p> <p style="font-size: 24px; font-weight: bold; color: #dc3545;">40 %</p> <p style="font-size: small;">(out of 100%)</p> </div> </div> <hr/> <p style="font-size: x-small;">* Key informants report on attainment of a set of attributes for radiation emergencies (core capacity 15) using a standard WHO instrument.</p>	<p>Deaths per 100,000 people from melanoma and other skin cancers, per year:</p> <p style="font-size: 24px; font-weight: bold; color: #dc3545;">3</p> <hr/> <p>Number of deaths per 100,000 people from residential radon, per year:*</p> <p style="font-size: 24px; font-weight: bold; color: #dc3545;">1</p>	<div style="display: flex; align-items: center;"> <div> <p>Existence of standards on electromagnetic fields</p> <p style="font-size: 24px; font-weight: bold; color: #dc3545;">N/A</p> </div> </div> <hr/> <div style="display: flex; align-items: center;"> <div> <p>Existence of regulation of artificial tanning devices/sun beds</p> <p style="font-size: 24px; font-weight: bold; color: #dc3545;">N/A</p> </div> </div> <hr/> <div style="display: flex; align-items: center;"> <div> <p>Existence of national radon regulations for dwellings</p> <p style="font-size: 24px; font-weight: bold; color: #dc3545;">N/A</p> </div> </div>

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<b>Occupational health</b>  <a href="#">View actions and interventions</a>	<b>Informal employment in total employment</b> N/A	Deaths per 100,000 people of working age from <b>diseases</b> due to occupational risks, per year <b>16</b> Regional values: 1                      28 Min                      Max	Existence of national policy instruments for occupational health and safety for health workers N/A								
	<b>Working age population exposed to long working hours (≥55 hours/week)</b> 1%	Deaths per 100,000 people of working age from <b>injuries</b> due to occupational risks, per year <b>18</b> Regional values: 0                      18 Min                      Max	<b>1 of 3</b> key international labour conventions on occupational safety and health ratified  <table border="0"> <tr> <td>C155 Occupational safety and health</td> <td>C161 Occupational health services</td> <td>C187 Promotional framework</td> </tr> <tr> <td>yes</td> <td>no</td> <td>no</td> </tr> </table>	C155 Occupational safety and health	C161 Occupational health services	C187 Promotional framework	yes	no	no		
C155 Occupational safety and health	C161 Occupational health services	C187 Promotional framework									
yes	no	no									
<b>Health care facilities</b>  <a href="#">View actions and interventions</a>	<b>Health care facilities without basic services</b> <table border="0"> <tr> <td>Water N/A</td> <td>Sanitation N/A</td> </tr> <tr> <td>Hygiene N/A</td> <td>Waste management N/A</td> </tr> </table>	Water N/A	Sanitation N/A	Hygiene N/A	Waste management N/A	INSUFFICIENT DATA	<b>Climate assessment conducted for:</b> <table border="0"> <tr> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Climate resilience</td> <td>Environmental sustainability</td> </tr> </table>	N/A	N/A	Climate resilience	Environmental sustainability
	Water N/A	Sanitation N/A									
Hygiene N/A	Waste management N/A										
N/A	N/A										
Climate resilience	Environmental sustainability										
<b>Health care facilities without reliable electricity supply</b> N/A		<b>Existence of standards for WASH health care facilities</b> N/A									
		<b>Existence of standards for health care waste management</b> N/A									

Please access the reading guide [here](#)

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## References

### Air pollution

- [WHO global air quality guidelines 2021](#)
- [WHO SDG Indicator 11.6.2, Concentrations of fine particulate matter \(PM2.5\): 2019 data](#)
- [WHO household air pollution data: 2022 data](#)
- [WHO Air pollution data portal: health impact data for 2019](#)
- [UNEP 2021: Regulating air quality: the first global assessment of air pollution legislation: 2020 data](#)
- [WHO Household energy policy repository: updated 2024.](#)

### Water, sanitation and hygiene

- [WHO, UNICEF: Joint Monitoring Programme for Water Supply, Sanitation and Hygiene: 2022 data](#)
- [WHO water, sanitation and hygiene: burden of disease, 2019 data](#)
- [WHO GLAAS 2021/2022 cycle](#)

### Climate change

- [IEA 2023: Share of modern renewables in total final energy consumption](#)
- [WHO Health and Climate Change Country Profiles](#)
- [Honda et al. 2014: projections for 2050](#)
- [Kendrovski et al. 2017: projections for 2050](#)
- [WHO Health and Climate Change Global Survey, 2021](#)
- [WHO: Alliance for Transformative Action on Climate and Health \(ATACH\): Country Commitments, 2024 update](#)
- [WHO 2023: 2023 WHO review of health in nationally determined contributions and long-term strategies: health at the heart of the Paris Agreement](#)
- [ATACH baselines, 2024 data](#)

### Biodiversity:

- [World Bank Group, Terrestrial and marine protected areas, 2022 data](#)
- [World Population Review 2024: Deforestation rates by country](#)
- [FAO 2020: Global Forest Resources Assessment, 2020 data](#)
- [CBD Online Reporting Tool 2024, updated 31 December 2024](#)

### Chemicals

- [IHME: Lead exposure estimates, 2023 data](#)
- [WHO: International Health Regulations core capacity scores, 2023 data](#)
- [WHO: Mortality rate attributed to unintentional poisonings: data for 2021](#)
- [WHO: Legally binding controls for lead paint, updated 2024](#)
- [WHO: World directory of poisons centres, updated 2024](#)
- [UNEP: Minamata Convention on Mercury, 2024 data.](#)

### Radiation

- [WHO: International Health Regulations core capacity scores, 2023 data](#)
- [WHO: Deaths from melanoma and other skin cancers, 2021 data](#)
- [IHME: Deaths from residential radon, 2021 data](#)
- [WHO: Electromagnetic fields, updated 2018](#)
- [WHO: Sunbeds: Existence of national regulations, updated 2021](#)
- [WHO: Existence of national radon regulations, 2019 data.](#)

### Occupational health

- [ILOSTAT: Statistics on the informal economy, updated 2024](#)
- [WHO: Disease burden from long working hours, 2016 data](#)
- [WHO/ILO: Joint estimates of the work-related burden of disease and injury, 2016 data](#)
- [Pega et al. 2023](#)
- [WHO: Occupational Burden of Disease Application](#)
- [WHO: Existence of national policy instruments for occupational health and safety for health workers, 2023 data](#)
- [ILO ratifications of: C155,161 and C187, updated 2024.](#)

### Health care facilities

- [WHO/UNICEF 2024: WASH in health care facilities 2023 data update: special focus on primary health care](#)
- [WHO: Database on electrification of health-care facilities, updated 2023](#)
- [WHO/UNICEF Country progress tracker, updated 2023.](#)

This scorecard is based on already published data (see references). It is a tool to measure and track the progress of Member States and is not intended for ranking. Update 2025.

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