

# Snapshot of health system climate vulnerability and performance in...

## Arizona

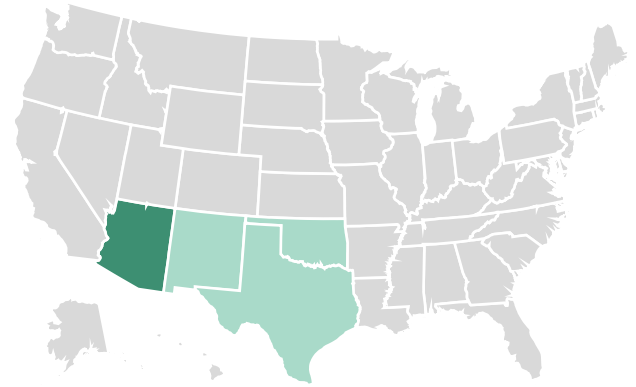


The  
Commonwealth  
Fund

Arizona ranks #45 overall.

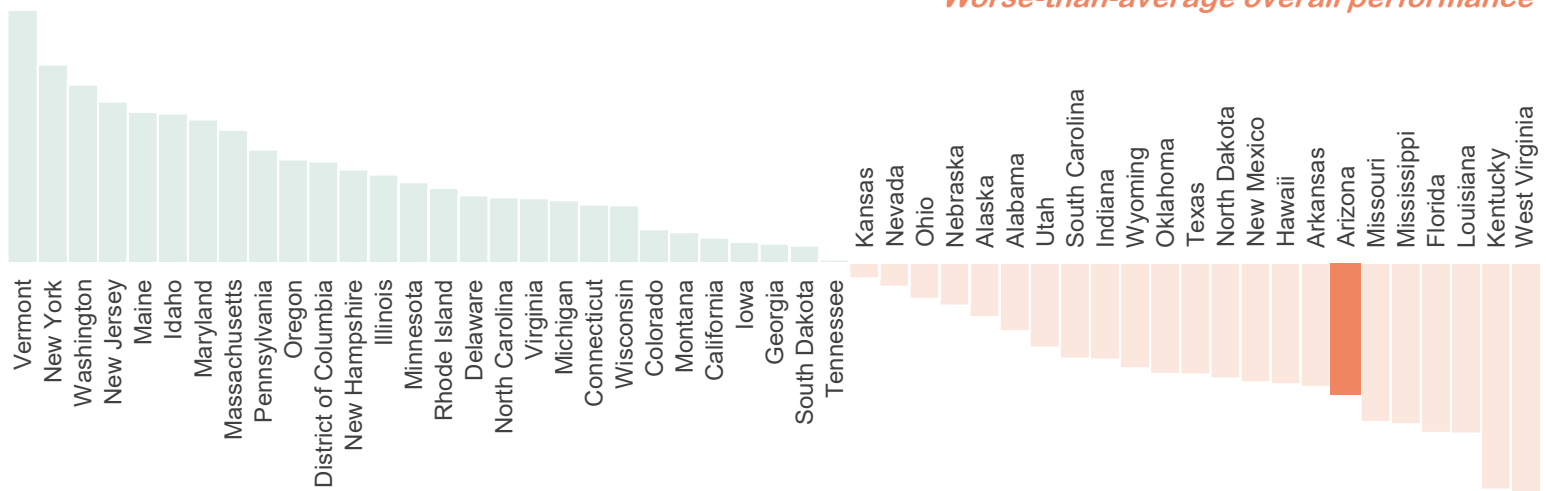
Arizona ranks #4 in the Southwest region.

	National Rank	Rank Among Southwestern States*
Average Annual Air Quality Index	51 of 51	4 of 4
Health Risk from Extreme Heat	47	3
Health Care Facility Risk from Natural Hazards	2	1
Health Care Facility Flood Risk	20	1
State Energy Efficiency Policy	26	2
State Electricity Emissions and Their Health Impact	16	1
Health Care Sector Greenhouse Gas (GHG) Emissions	12	1
Health Care Worker Commuting Emissions	21	1



\*Note: Southwest region includes AZ, NM, OK, TX.

## How Arizona Compares to All States



*Better-than-average overall performance*

**Table 1. Indicators of State Health System Climate Vulnerability and Performance**

Indicator	Data year	State rate	U.S. average	State rank
<b>Average Annual Air Quality Index</b> Scale of 0–500, with values below 100 generally considered good/moderate air quality	2022	102	42	51
<b>Health Risk from Extreme Heat</b> CDC/ATSDR <sup>a</sup> Heat and Health Index (0–1), with 1 indicating greatest risk	2024	0.66	0.51	47
<b>Health Care Facility Risk from Natural Hazards</b> FEMA <sup>b</sup> National Risk Index (0–100), with 100 indicating greatest risk	2023	27	54	2
<b>Health Care Facility Flood Risk</b> Percent of inpatient facility beds in high-hazard flood zones	2023	1.1%	2.5%	20
<b>State Energy Efficiency Policy</b> ACEEE <sup>c</sup> Energy Efficiency Scorecard (0–50), with 50 indicating best performance	2022	13	17	26
<b>State Electricity Emissions and Their Health Impact</b> Health impact per unit of electricity generated, <sup>d</sup> where lower values indicate less health impact from emissions	2021	0.339	0.464	16
<b>Health Care Sector Greenhouse Gas (GHG) Emissions</b> Kilograms of carbon dioxide equivalent (kg CO <sub>2</sub> e) <sup>e</sup>	2020	1,065	1,362	12
<b>Health Care Worker Commuting Emissions</b> Transportation-related GHG emissions from health care facility employee commuting (kg CO <sub>2</sub> e per employee)	2022	2,100	2,169	21



**Arizona ranked best on:**

**Health Care Facility Risk from Natural Hazards**

On average, health care facilities in Arizona are located in areas facing less risk from natural hazards than facilities in other states.



**Arizona ranked worst on:**

**Average Annual Air Quality Index**

Residents of Arizona experience poorer average air quality than other states in a given year.

**Notes:** (–) Indicates missing data. (a) Centers for Disease Control/Agency for Toxic Substances and Disease Registry (CDC/ATSDR). (b) Federal Emergency Management Agency (FEMA). (c) American Council for an Energy-Efficient Economy (ACEEE). (d) Measured in Disability-Adjusted Life Years (DALYs) per gigawatt-hour (GWh) of electricity generated; DALYs are a common measure of the burden of disease, representing years of healthy life lost. (e) Kilograms of CO<sub>2</sub>e stands for “carbon dioxide equivalent,” a standard measure of the warming effect of greenhouse gases.