

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

Arkansas

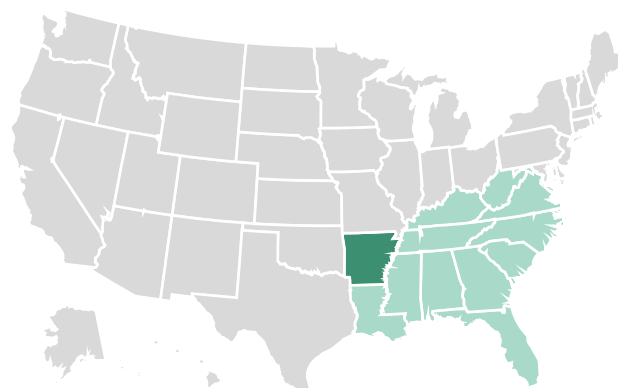


The
Commonwealth
Fund

Arkansas ranks #44 overall.

Arkansas ranks #7 in the Southeast region.

	National Rank	Rank Among Southeastern States*
Average Annual Air Quality Index	36 of 51	12 of 12
Health Risk from Extreme Heat	37	10
Health Care Facility Risk from Natural Hazards	42	9
Health Care Facility Flood Risk	19	1
State Energy Efficiency Policy	37	5
State Electricity Emissions and Their Health Impact	40	10
Health Care Sector Greenhouse Gas (GHG) Emissions	26	9
Health Care Worker Commuting Emissions	48	9



*Note: Southeast region includes AL, AR, FL, GA, KY, LA, MS, NC, SC, TN, VA, WV.

How Arkansas Compares to All States

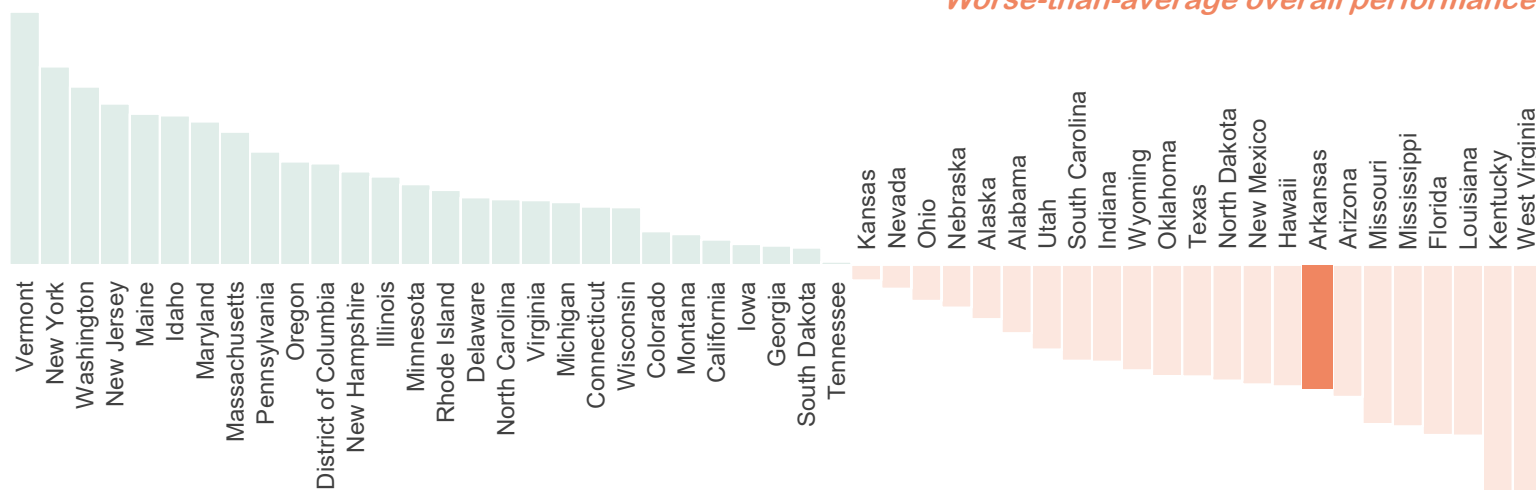


Table 1. Indicators of State Health System Climate Vulnerability and Performance

Indicator	Data year	State rate	U.S. average	State rank
Average Annual Air Quality Index Scale of 0–500, with values below 100 generally considered good/moderate air quality	2022	43	42	36
Health Risk from Extreme Heat CDC/ATSDR ^a Heat and Health Index (0–1), with 1 indicating greatest risk	2024	0.55	0.51	37
Health Care Facility Risk from Natural Hazards FEMA ^b National Risk Index (0–100), with 100 indicating greatest risk	2023	72	54	42
Health Care Facility Flood Risk Percent of inpatient facility beds in high-hazard flood zones	2023	1.1%	2.5%	19
State Energy Efficiency Policy ACEEE ^c Energy Efficiency Scorecard (0–50), with 50 indicating best performance	2022	7.5	17	37
State Electricity Emissions and Their Health Impact Health impact per unit of electricity generated, ^d where lower values indicate less health impact from emissions	2021	0.593	0.464	40
Health Care Sector Greenhouse Gas (GHG) Emissions Kilograms of carbon dioxide equivalent (kg CO ₂ e) ^e	2020	1,295	1,362	26
Health Care Worker Commuting Emissions Transportation-related GHG emissions from health care facility employee commuting (kg CO ₂ e per employee)	2022	2,680	2,169	48



Arkansas ranked best on:

Health Care Facility Flood Risk

Compared to other states, Arkansas has a smaller proportion of inpatient facility beds in high-hazard flood zones.



Arkansas ranked worst on:

Health Care Worker Commuting Emissions

On average, health care facilities in Arkansas have higher annual commuting emissions per employee than in other states. Health care facilities in the state are more often located in lower-density areas with limited access to public transit or pedestrian infrastructure, requiring longer trips.

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 CO₂e stands for “carbon dioxide equivalent,” a standard measure of the warming effect of greenhouse gases.