

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

Montana

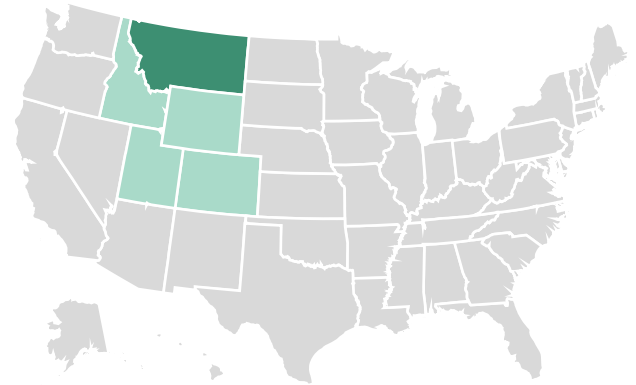


The
Commonwealth
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Montana ranks #23 overall.

	National Rank	Rank Among Rocky Mountain States*
Average Annual Air Quality Index	29 of 51	2 of 5
Health Risk from Extreme Heat	29	1
Health Care Facility Risk from Natural Hazards	26	4
Health Care Facility Flood Risk	1	1
State Energy Efficiency Policy	29	3
State Electricity Emissions and Their Health Impact	39	3
Health Care Sector Greenhouse Gas (GHG) Emissions	31	4
Health Care Worker Commuting Emissions	7	1

Montana ranks #3 in the Rocky Mountain region.



*Note: Rocky Mountain region includes CO, ID, MT, UT, WY.

How Montana Compares to All States

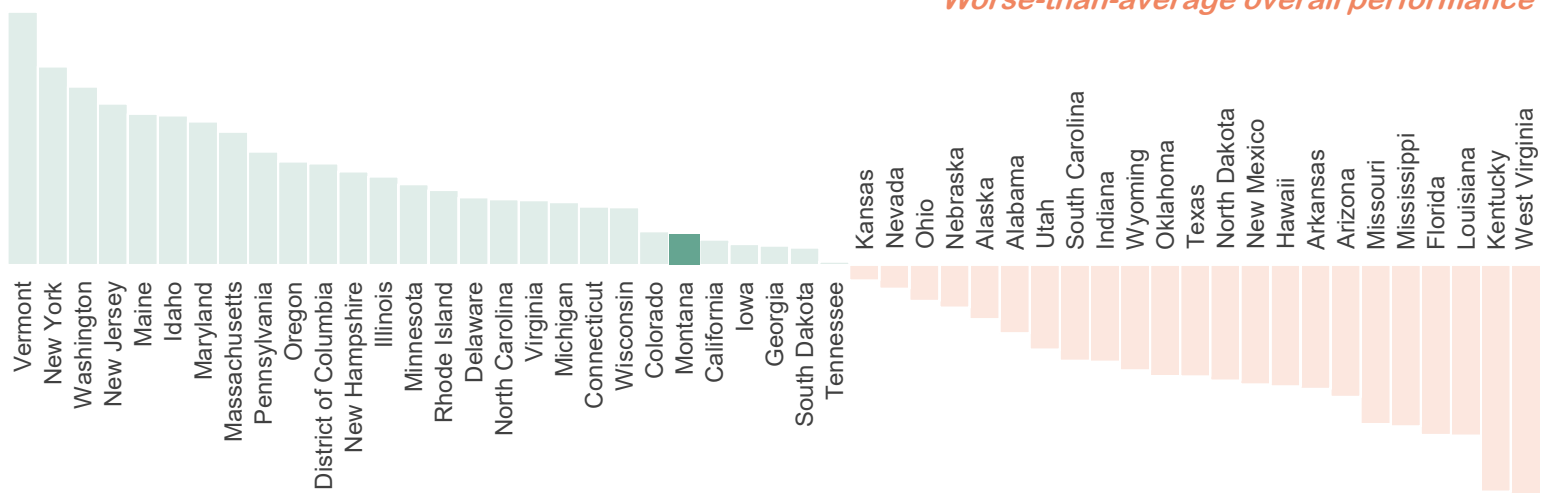


Table 1. Indicators of State Health System Climate Vulnerability and Performance

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	41	42	29
Health Risk from Extreme Heat CDC/ATSDR ^a Heat and Health Index (0–1), with 1 indicating greatest risk	2024	0.52	0.51	29
Health Care Facility Risk from Natural Hazards FEMA ^b National Risk Index (0–100), with 100 indicating greatest risk	2023	52	54	26
Health Care Facility Flood Risk Percent of inpatient facility beds in high-hazard flood zones	2023	0.0%	2.5%	1
State Energy Efficiency Policy ACEEE ^c Energy Efficiency Scorecard (0–50), with 50 indicating best performance	2022	10	17	29
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	0.587	0.464	39
Health Care Sector Greenhouse Gas (GHG) Emissions Kilograms of carbon dioxide equivalent (kg CO ₂ e) ^e	2020	1,371	1,362	31
Health Care Worker Commuting Emissions Transportation-related GHG emissions from health care facility employee commuting (kg CO ₂ e per employee)	2022	1,829	2,169	7



Montana ranked best on:

Health Care Facility Flood Risk

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



Montana ranked worst on:

State Electricity Emissions and Their Health Impact

In Montana, emissions from electricity generation result in more negative health impacts per unit of electricity than in other states. Negative health impacts are represented by years of healthy life lost, measured by disability-adjusted life year (DALYs).

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.