

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

Hawaii

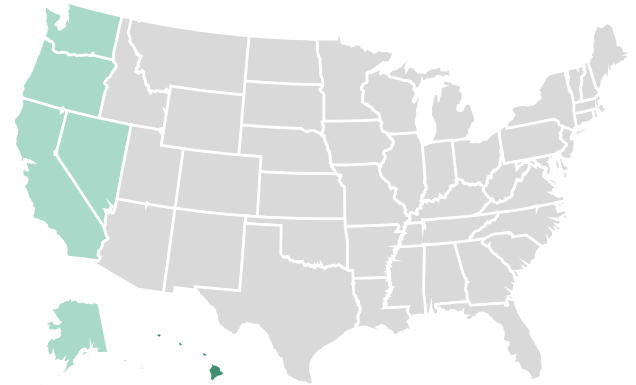


The
Commonwealth
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Hawaii ranks #43 overall.

Hawaii ranks #6 in the West region.

	National Rank	Rank Among Western States*
Average Annual Air Quality Index	1 of 51	1 of 6
Health Risk from Extreme Heat	—	—
Health Care Facility Risk from Natural Hazards	28	1
Health Care Facility Flood Risk	26	5
State Energy Efficiency Policy	17	4
State Electricity Emissions and Their Health Impact	51	6
Health Care Sector Greenhouse Gas (GHG) Emissions	44	6
Health Care Worker Commuting Emissions	46	6



*Note: West region includes AK, CA, HI, NV, OR, WA.

How Hawaii Compares to All States

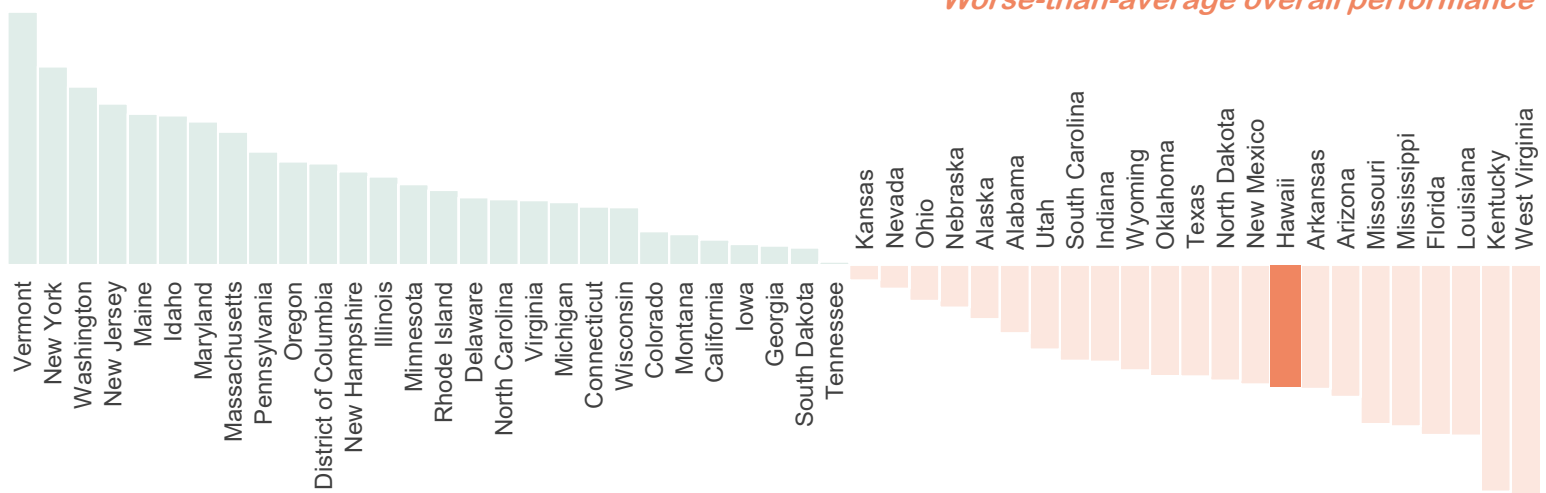


Table 1. Indicators of State Health System Climate Vulnerability and Performance

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	24	42	1
Health Risk from Extreme Heat CDC/ATSDR ^a Heat and Health Index (0–1), with 1 indicating greatest risk	2024	–	0.51	–
Health Care Facility Risk from Natural Hazards FEMA ^b National Risk Index (0–100), with 100 indicating greatest risk	2023	54	54	28
Health Care Facility Flood Risk Percent of inpatient facility beds in high-hazard flood zones	2023	1.5%	2.5%	26
State Energy Efficiency Policy ACEEE ^c Energy Efficiency Scorecard (0–50), with 50 indicating best performance	2022	23	17	17
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	1.432	0.464	51
Health Care Sector Greenhouse Gas (GHG) Emissions Kilograms of carbon dioxide equivalent (kg CO ₂ e) ^e	2020	1,735	1,362	44
Health Care Worker Commuting Emissions Transportation-related GHG emissions from health care facility employee commuting (kg CO ₂ e per employee)	2022	2,549	2,169	46



Hawaii ranked best on:

Average Annual Air Quality Index

Residents of Hawaii experience better average air quality than other states in a given year.



Hawaii ranked worst on:

State Electricity Emissions and Their Health Impact

In Hawaii, 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.