

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

Iowa

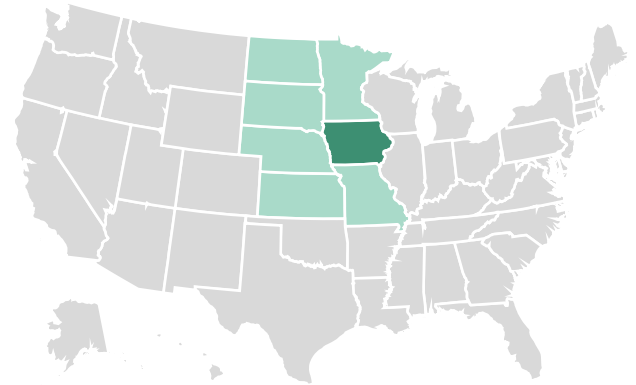


The
Commonwealth
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Iowa ranks #25 overall.

Iowa ranks #2 in the Plains region.

	National Rank	Rank Among Plains States*
Average Annual Air Quality Index	14 of 51	2 of 7
Health Risk from Extreme Heat	22	5
Health Care Facility Risk from Natural Hazards	36	2
Health Care Facility Flood Risk	11	3
State Energy Efficiency Policy	35	3
State Electricity Emissions and Their Health Impact	30	4
Health Care Sector Greenhouse Gas (GHG) Emissions	18	1
Health Care Worker Commuting Emissions	19	3



*Note: Plains region includes IA, KS, MN, MO, NE, ND, SD.

How Iowa Compares to All States

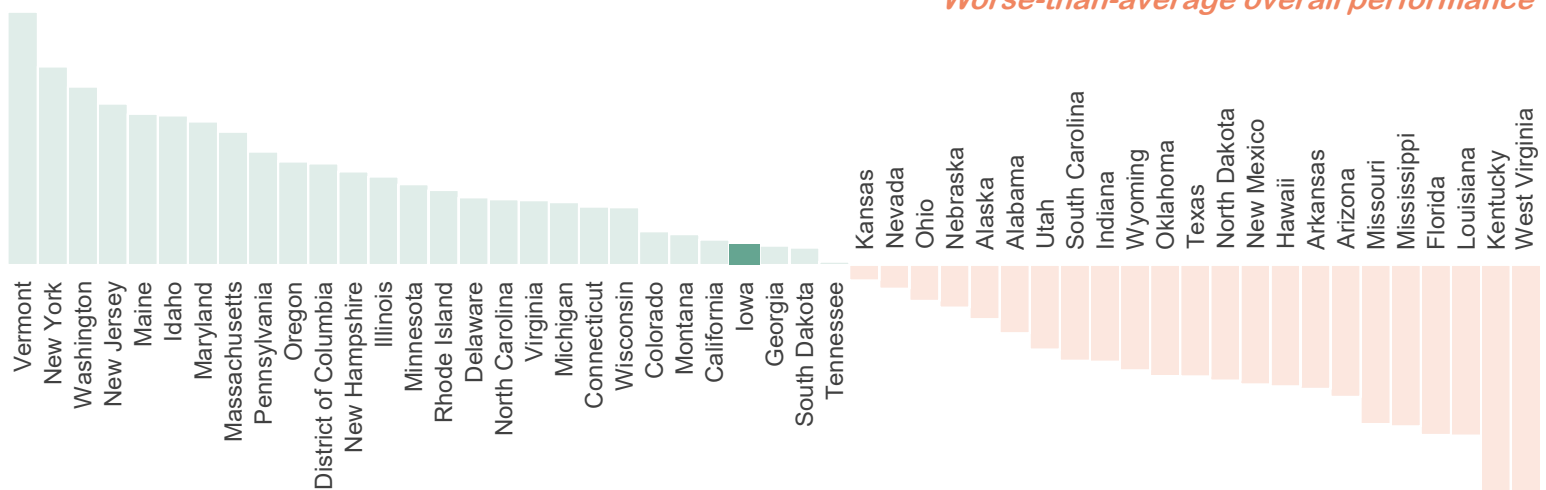


Table 1. Indicators of State Health System Climate Vulnerability and Performance

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	38	42	14
Health Risk from Extreme Heat CDC/ATSDR ^a Heat and Health Index (0–1), with 1 indicating greatest risk	2024	0.50	0.51	22
Health Care Facility Risk from Natural Hazards FEMA ^b National Risk Index (0–100), with 100 indicating greatest risk	2023	68	54	36
Health Care Facility Flood Risk Percent of inpatient facility beds in high-hazard flood zones	2023	0.8%	2.5%	11
State Energy Efficiency Policy ACEEE ^c Energy Efficiency Scorecard (0–50), with 50 indicating best performance	2022	8	17	35
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	0.421	0.464	30
Health Care Sector Greenhouse Gas (GHG) Emissions Kilograms of carbon dioxide equivalent (kg CO ₂ e) ^e	2020	1,155	1,362	18
Health Care Worker Commuting Emissions Transportation-related GHG emissions from health care facility employee commuting (kg CO ₂ e per employee)	2022	2,041	2,169	19



Iowa ranked best on:

Health Care Facility Flood Risk

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



Iowa ranked worst on:

Health Care Facility Risk from Natural Hazards

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

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.