

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

## Connecticut

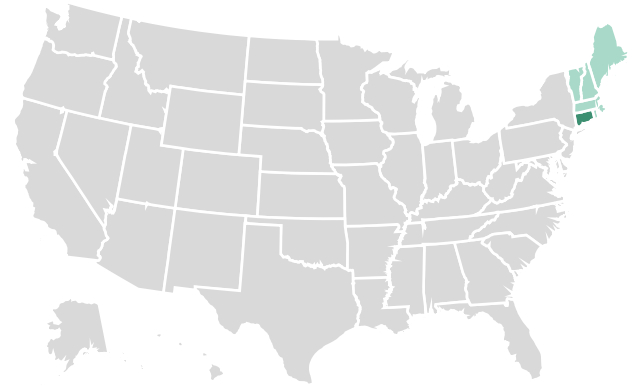


The  
Commonwealth  
Fund

Connecticut ranks #20 overall.

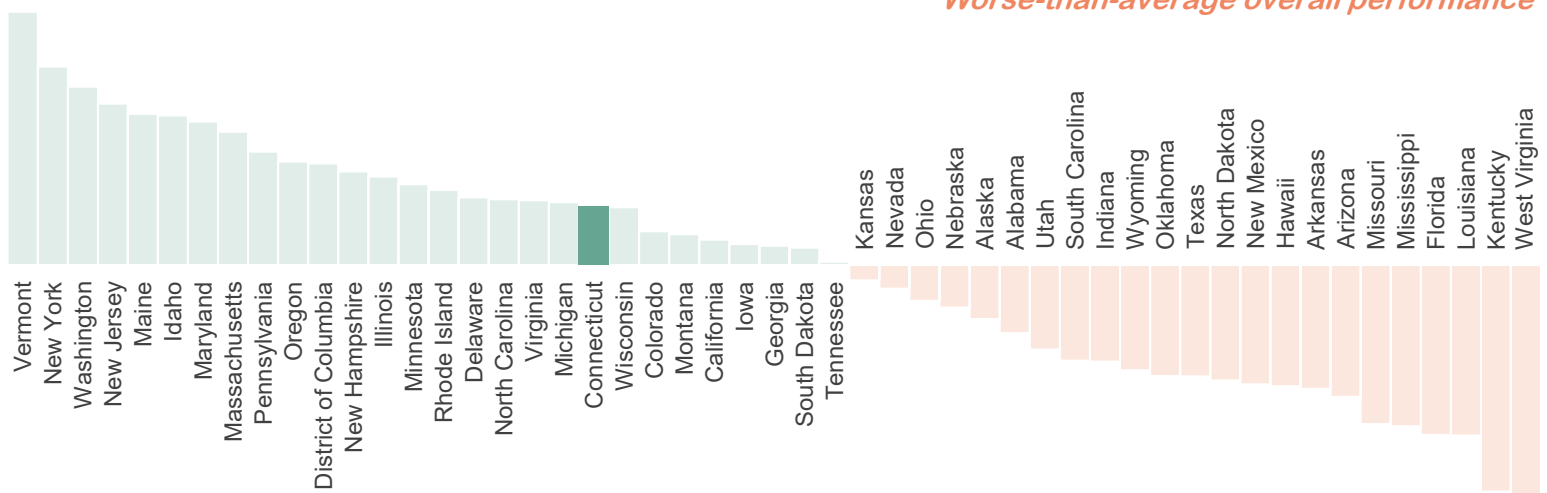
Connecticut ranks #6 in the New England region.

	National Rank	Rank Among New England States*
Average Annual Air Quality Index	42 of 51	6 of 6
Health Risk from Extreme Heat	18	4
Health Care Facility Risk from Natural Hazards	12	3
Health Care Facility Flood Risk	39	5
State Energy Efficiency Policy	9	5
State Electricity Emissions and Their Health Impact	11	4
Health Care Sector Greenhouse Gas (GHG) Emissions	33	4
Health Care Worker Commuting Emissions	40	6



\*Note: New England region includes CT, ME, MA, NH, RI, VT.

## How Connecticut 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
<b>Average Annual Air Quality Index</b> Scale of 0–500, with values below 100 generally considered good/moderate air quality	2022	45	42	42
<b>Health Risk from Extreme Heat</b> CDC/ATSDR <sup>a</sup> Heat and Health Index (0–1), with 1 indicating greatest risk	2024	0.48	0.51	18
<b>Health Care Facility Risk from Natural Hazards</b> FEMA <sup>b</sup> National Risk Index (0–100), with 100 indicating greatest risk	2023	38	54	12
<b>Health Care Facility Flood Risk</b> Percent of inpatient facility beds in high-hazard flood zones	2023	3.1%	2.5%	39
<b>State Energy Efficiency Policy</b> ACEEE <sup>c</sup> Energy Efficiency Scorecard (0–50), with 50 indicating best performance	2022	32.5	17	9
<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	0.231	0.464	11
<b>Health Care Sector Greenhouse Gas (GHG) Emissions</b> Kilograms of carbon dioxide equivalent (kg CO <sub>2</sub> e) <sup>e</sup>	2020	1,405	1,362	33
<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	2,430	2,169	40



**Connecticut ranked best on:**

**State Energy Efficiency Policy**

Compared to other states, Connecticut has stronger policies and programs in place to equitably save energy and pursue efficiency as a cost-effective tool for reducing emissions and meeting clean energy goals.



**Connecticut ranked worst on:**

**Average Annual Air Quality Index**

Residents of Connecticut 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.