

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

Pennsylvania

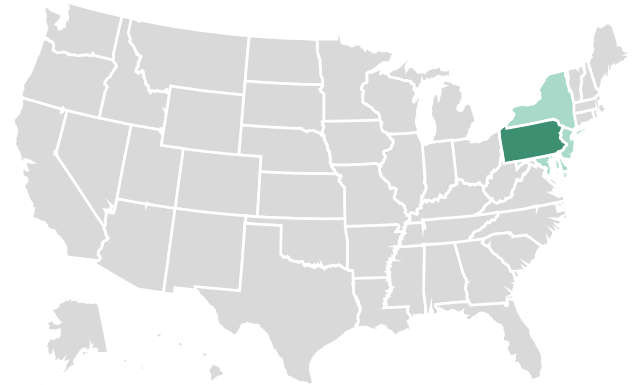


The
Commonwealth
Fund

Pennsylvania ranks #9 overall.

	National Rank	Rank Among Mid-Atlantic States*
Average Annual Air Quality Index	41 of 51	5 of 6
Health Risk from Extreme Heat	10	4
Health Care Facility Risk from Natural Hazards	6	3
Health Care Facility Flood Risk	31	3
State Energy Efficiency Policy	21	6
State Electricity Emissions and Their Health Impact	22	4
Health Care Sector Greenhouse Gas (GHG) Emissions	34	3
Health Care Worker Commuting Emissions	5	3

Pennsylvania ranks #4 in the Mid-Atlantic region.



*Note: Mid-Atlantic region includes DE, DC, MD, NJ, NY, PA.

How Pennsylvania Compares to All States

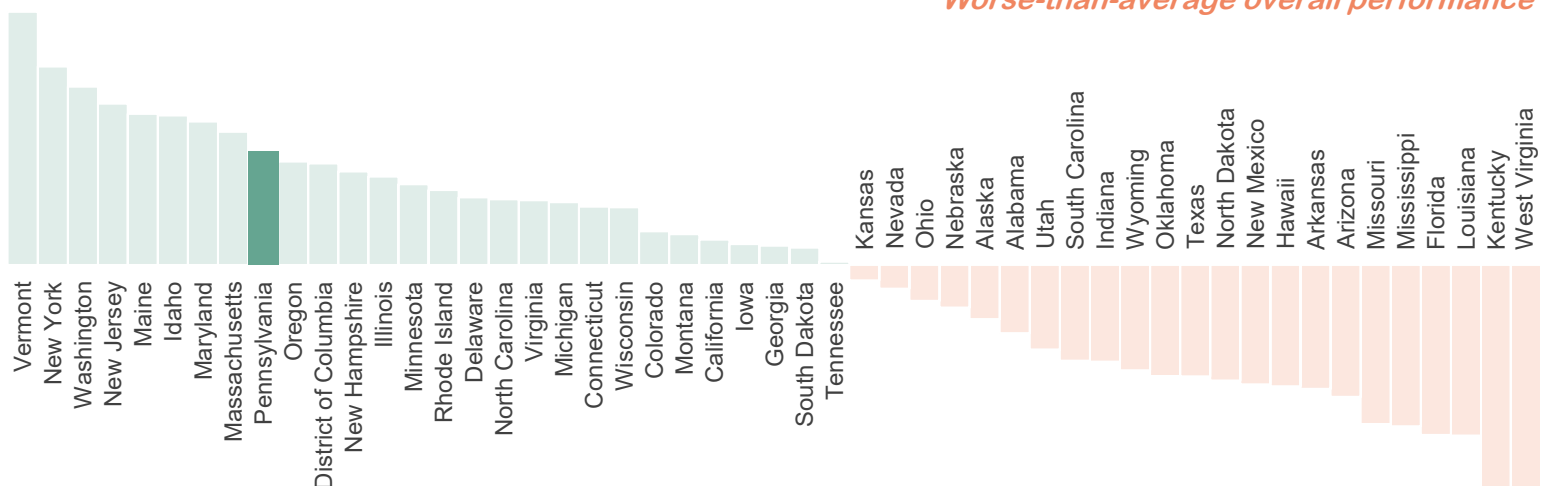


Table 1. Indicators of State Health System Climate Vulnerability and Performance

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	45	42	41
Health Risk from Extreme Heat CDC/ATSDR ^a Heat and Health Index (0–1), with 1 indicating greatest risk	2024	0.46	0.51	10
Health Care Facility Risk from Natural Hazards FEMA ^b National Risk Index (0–100), with 100 indicating greatest risk	2023	30	54	6
Health Care Facility Flood Risk Percent of inpatient facility beds in high-hazard flood zones	2023	2.1%	2.5%	31
State Energy Efficiency Policy ACEEE ^c Energy Efficiency Scorecard (0–50), with 50 indicating best performance	2022	18.5	17	21
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	0.362	0.464	22
Health Care Sector Greenhouse Gas (GHG) Emissions Kilograms of carbon dioxide equivalent (kg CO ₂ e) ^e	2020	1,419	1,362	34
Health Care Worker Commuting Emissions Transportation-related GHG emissions from health care facility employee commuting (kg CO ₂ e per employee)	2022	1,800	2,169	5



Pennsylvania ranked best on:

Health Care Worker Commuting Emissions

On average, health care facilities in Pennsylvania have lower annual commuting emissions per employee than in other states. Health care facilities in the state are more often located in higher-density areas with public transit and pedestrian access, minimizing the need for longer trips.



Pennsylvania ranked worst on:

Average Annual Air Quality Index

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