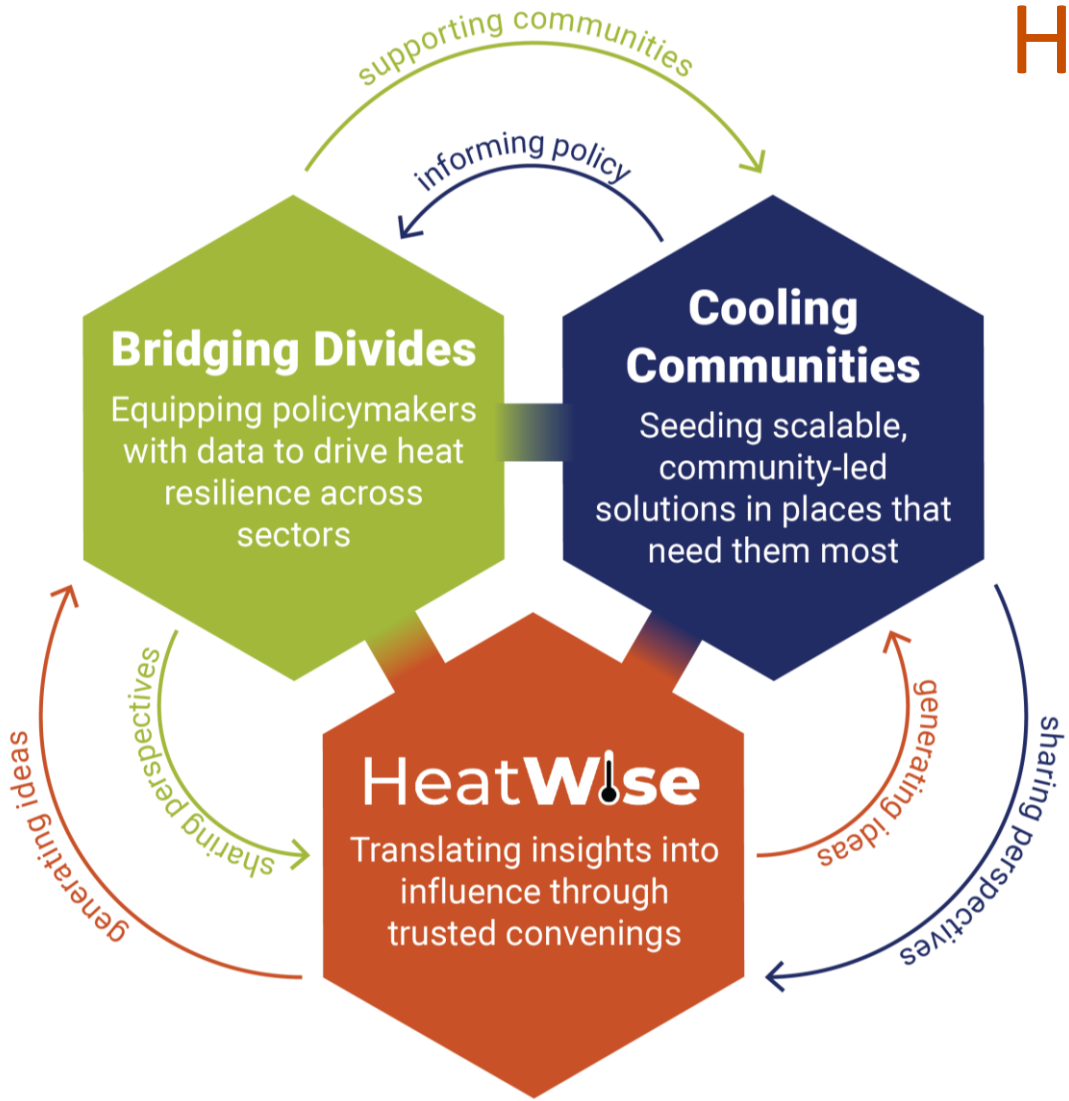


Heat Policy Innovation Hub

Julee Snyder, MPH
Senior Policy Analyst

Heat Policy Innovation Hub









Mission: *to foster multi-sectoral collaboration to address the challenge of extreme heat*

Structured for Impact

Together, these interconnected pillars close critical gaps between data and community action, integrate underrepresented geographies into planning, and create bipartisan pathways to address an urgent and underappreciated threat.

Bridging Divides

 Housing	H	Extreme heat strains housing by increasing cooling costs, exacerbating indoor temperatures, and worsening conditions in substandard or poorly insulated homes.
 Energy	E	Heat drives up energy demand for cooling while reducing the efficiency of power generation and distribution, increasing the risk of grid failures and adding strain to our water resources.
 Agriculture	A	Rising temperatures threaten crop yields, livestock health, and farmworker safety and productivity, while also intensifying drought and water shortages.
 Labor	L	Heat exposure reduces productivity, raises health risks for outdoor and indoor workers, and increases economic losses from heat-related illnesses and absenteeism.
 Transportation & Infrastructure	T	Extreme heat weakens roads, rails, and bridges, reduces aviation lift, disrupts transit operations, slows supply chains, and increases delays and safety hazards.
 Health & Healthcare	H	Heat elevates the risk of heat-related illnesses, strains hospitals and emergency services, and exacerbates chronic health conditions, particularly for vulnerable populations.

The Hidden Cost of Heat: Impact on Local Economies

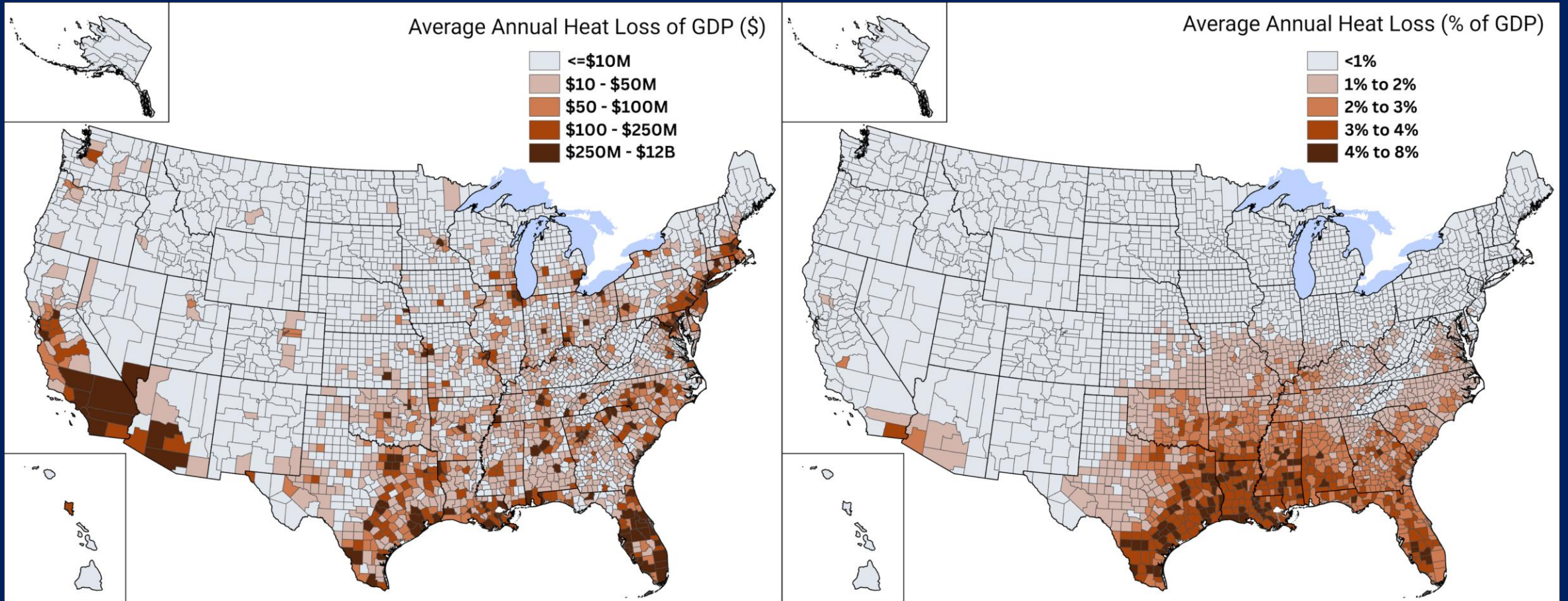
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Nicholas Institute for Energy, Environment & Sustainability, Duke University

November 11, 2025



County-Level Estimates of Heat-Related Economic Loss in the US (2001-2022)





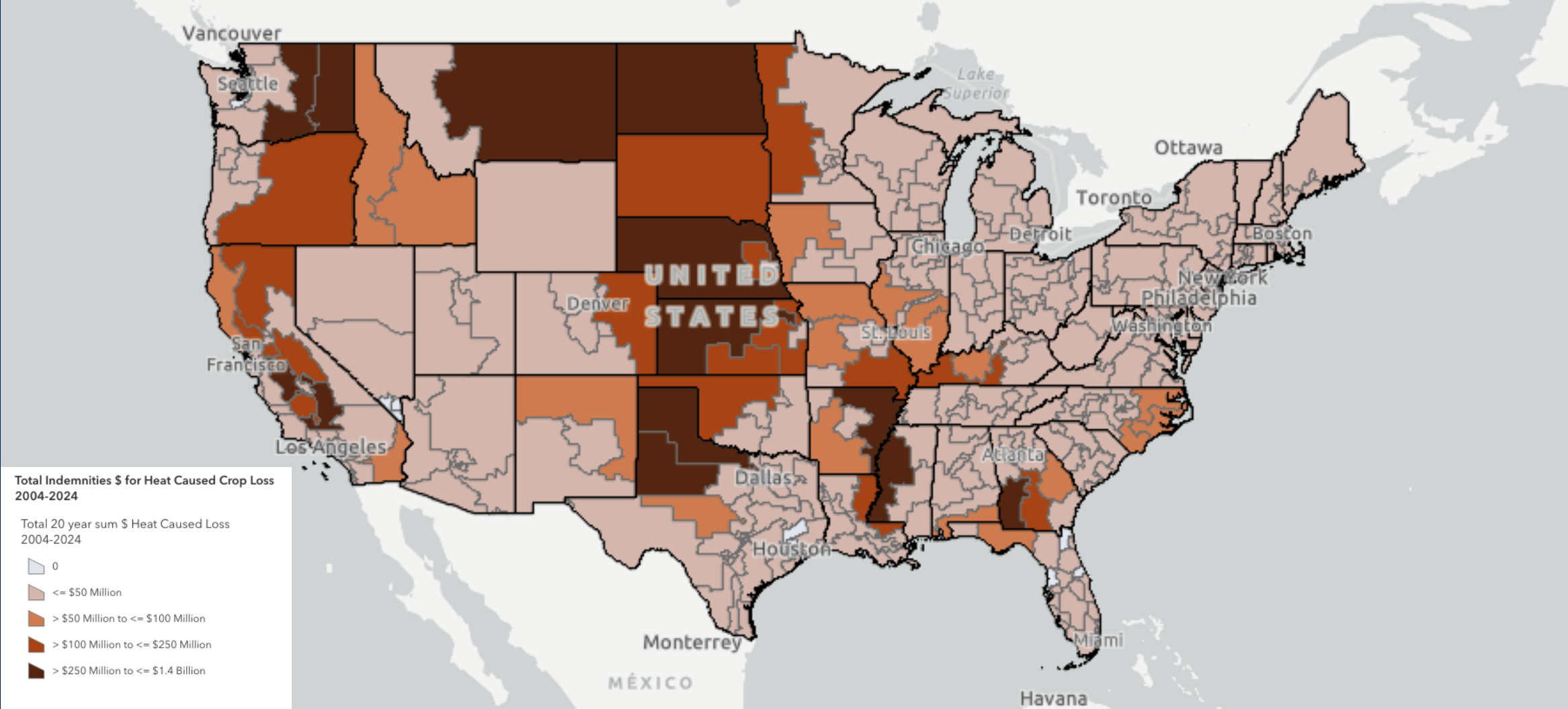
The Hidden Cost of Heat: Tracking Losses in Crop Insurance

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Total Heat-related Indemnity Payments from 2004 to 2024 by County



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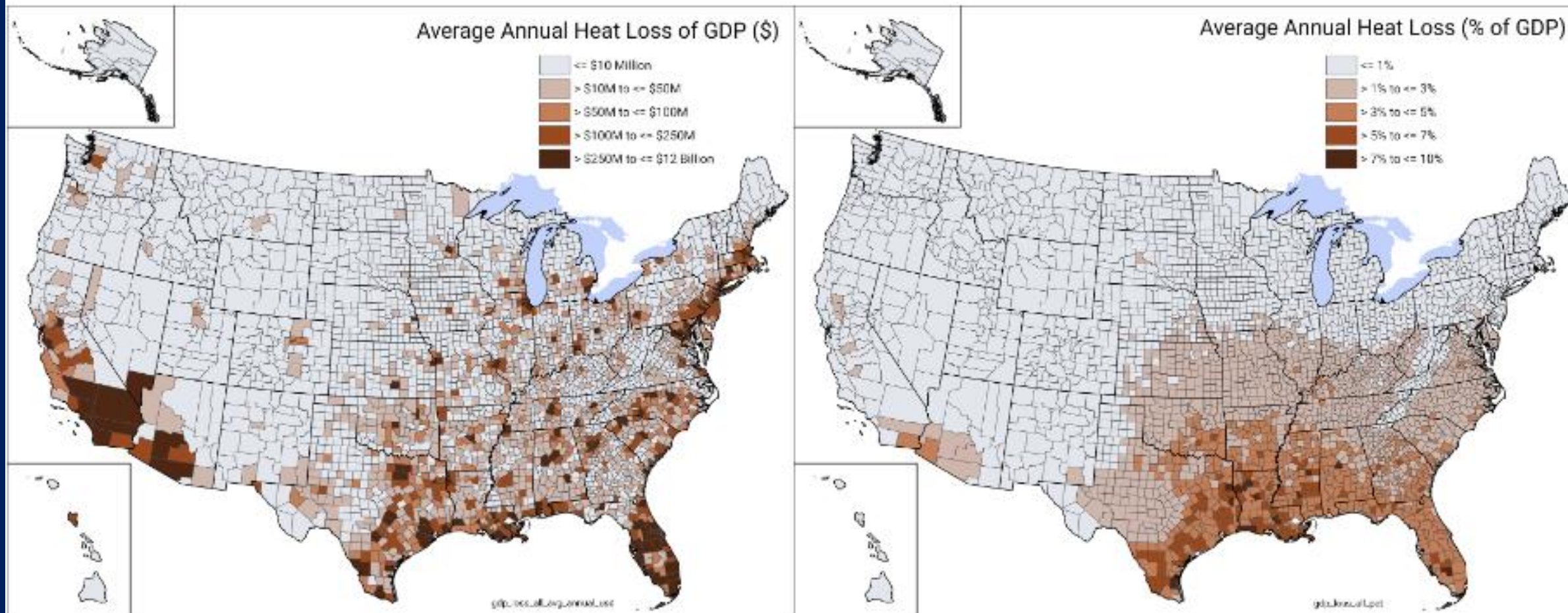
The Hidden Cost of Heat: Impacts to Bridges

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July 16, 2025

County-Level Estimates of Heat-Related Economic Loss in the US (2001-2022)





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