Interactive Heat Vulnerability Index

Hot weather is dangerous. In New York City – and across the country – more people die from heat than from all other natural disasters combined. As our climate continues to warm, we expect more heat events that can put people's lives at risk.

In New York City, the risk of death from heat is unfairly distributed across neighborhoods. We identified neighborhood environmental and social factors associated with increased risk to create a heat vulnerability index. This can identify neighborhoods at highest risk and help inform neighborhood-level policies and programs that can protect people - sending resources to where they're needed the most.

Use this Heat Vulnerability Explorer to look up your neighborhood's heat vulnerability and the neighborhood characteristics that affect it.

Read more at *A Case-Only Study of Vulnerability to Heat Wave-Related Mortality in New York City (2000-2011).*

Enter a neighborhood to get data:

Clear

Your neighborhood:

No neighborhood selected. Enter an address above

This is a Neighborhood Tabulation Area. Read about NTAs.

Heat vulnerability:

No neighborhood selected. Enter an address above

Neighborhoods are ranked from 1 (lowest risk) to 5 (highest risk).

The Heat Vulnerability Index

The Heat Vulnerability Index (HVI) shows neighborhoods whose residents are more at risk for dying during and immediately following extreme heat. It uses a statistical model to summarize the most important social and environmental factors that contribute to neighborhood heat risk. The factors included in the HVI are surface temperature, green space, access to home air conditioning, and the percentage of residents who are low-income or non-Latinx Black. Differences in these risk factors across neighborhoods are rooted in past and present racism.

Neighborhoods are scored from **1 (lowest risk)** to **5 (highest risk)**. The neighborhood you selected is **outlined in blue**. Hover over the map to see each neighborhood's heat vulnerability score.

Remember, all neighborhoods have residents at risk for heat illness and death. A neighborhood with low vulnerability does not mean no risk.