

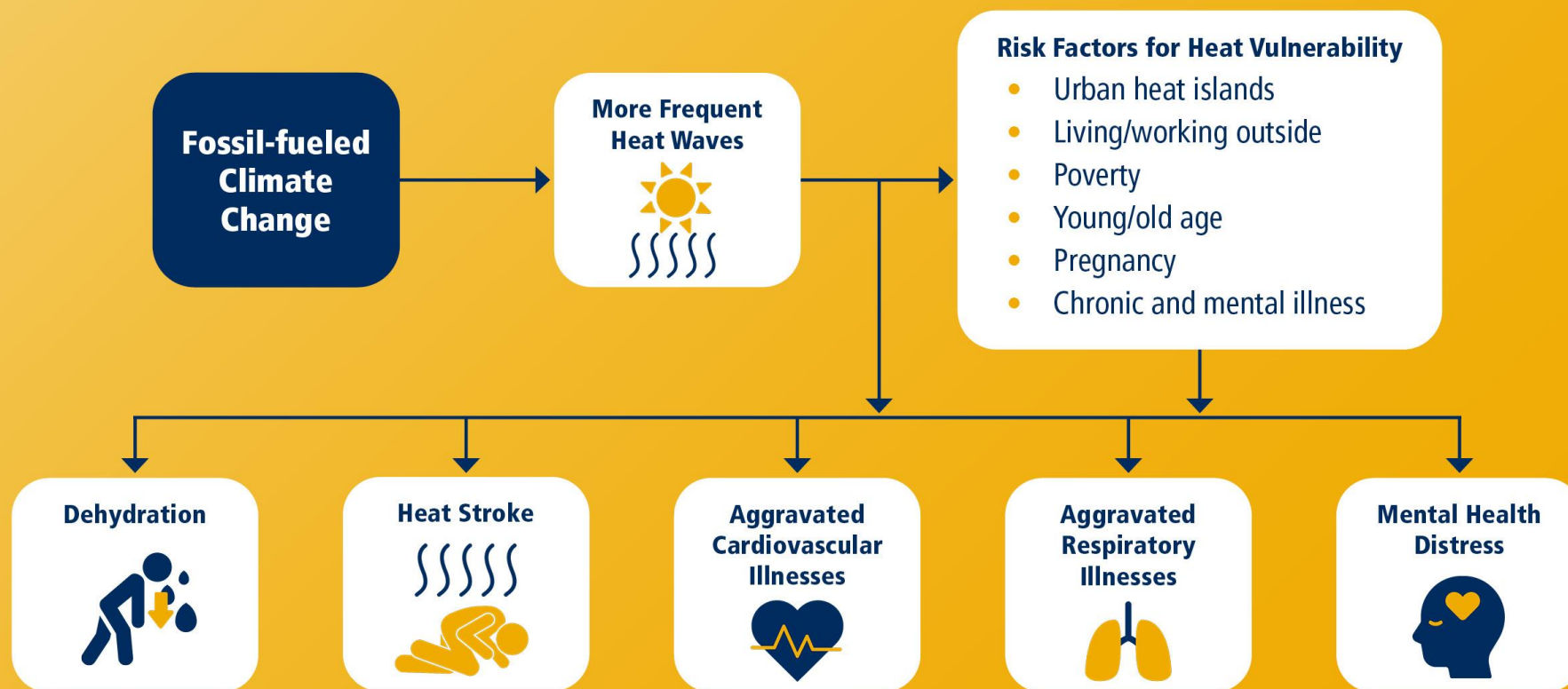
Environmental Justice, Extreme Heat, and the Future of Energy Assistance Programs in the United States

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How Extreme Heat Affects Your Health

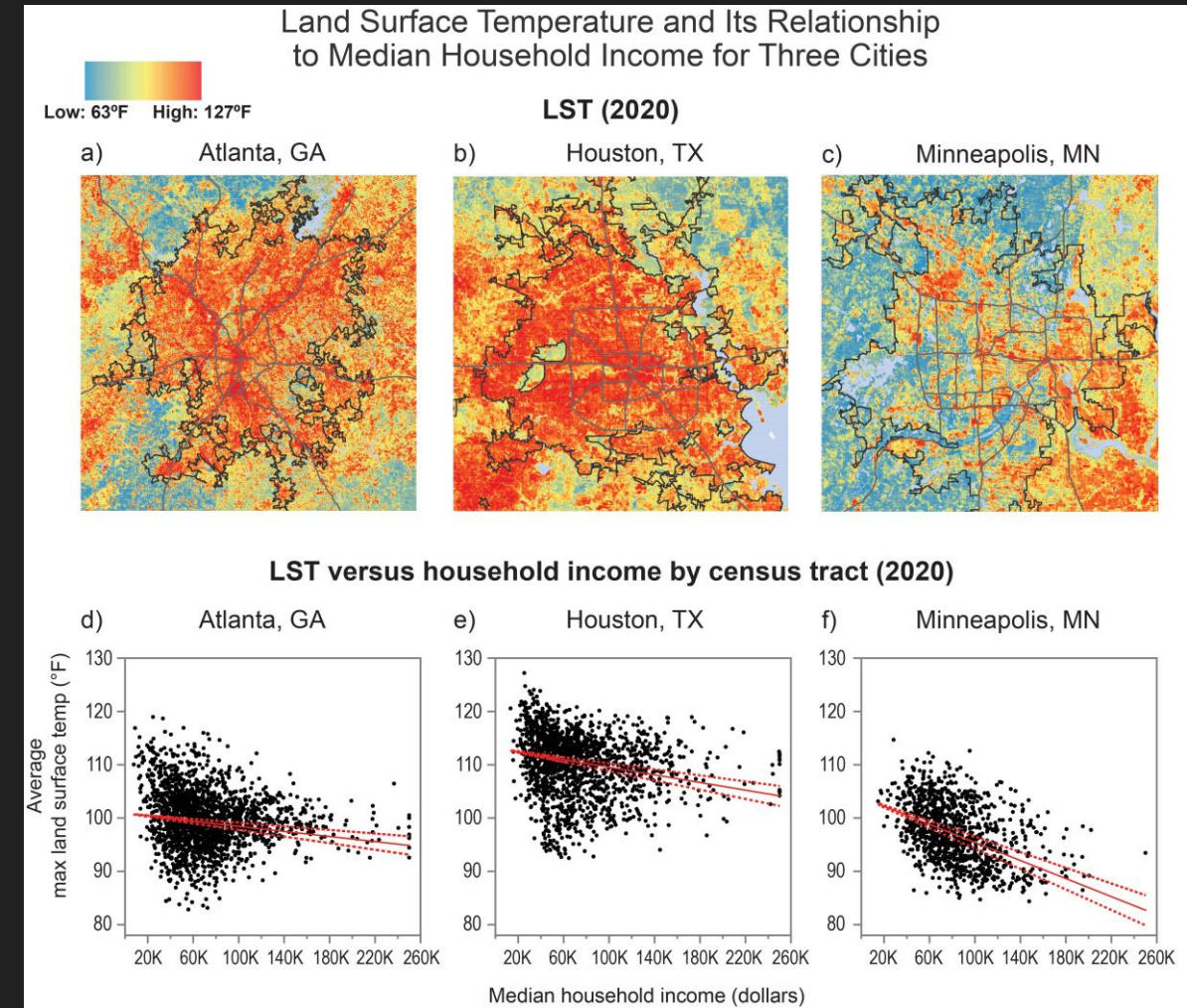


Extreme Heat and Public Health

- Environmental epidemiologists estimate the public health burden of extreme heat
 - At least 2,000 deaths per year; more than hurricanes, floods, and cold weather
 - June 2021 heatwave alone: >1,400 deaths, \$38.5 billion in damages
 - Increasing heat wave frequency and intensity; expected >15,000 deaths per year by 2050
- Higher risk groups
 - Aged 55-64
 - Men
 - Outdoor workers
 - Low Income Individuals

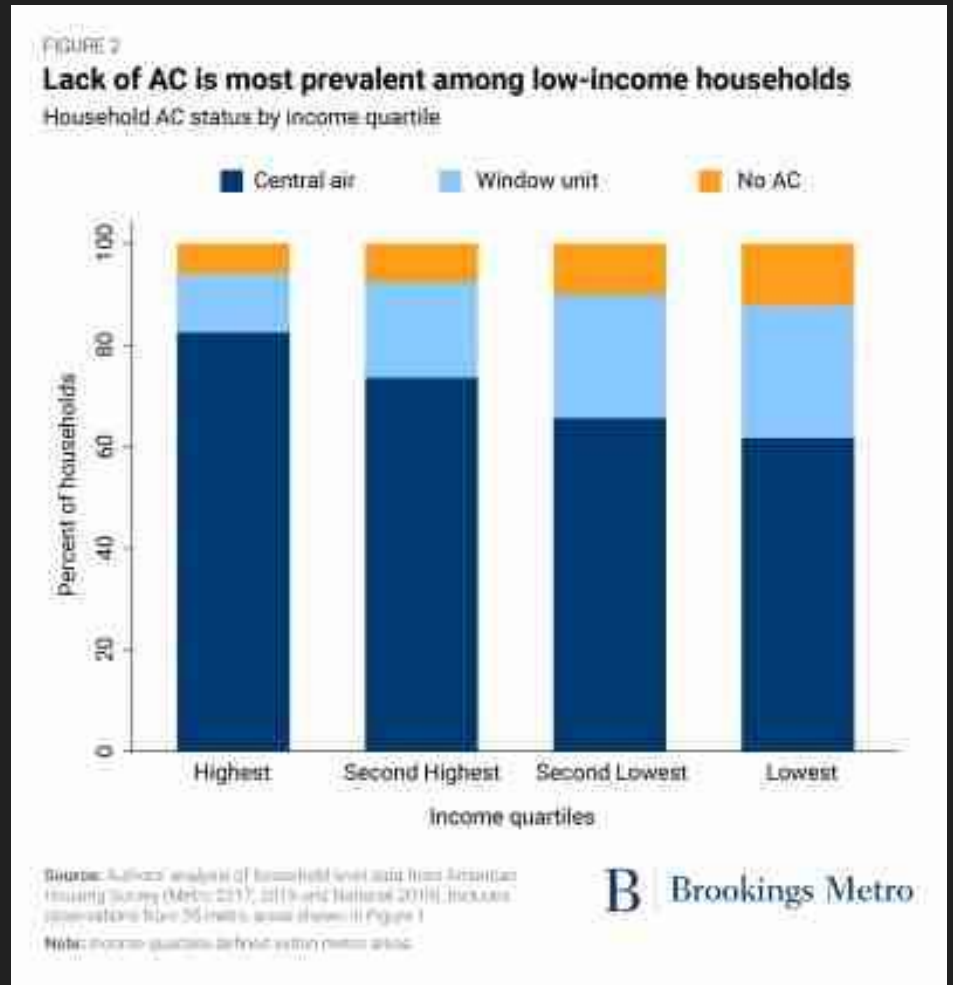
Khatana SAM, Szeto JJ, Eberly LA, Nathan AS, Puvvula J, Chen A. Projections of Extreme Temperature–Related Deaths in the US. *JAMA Netw Open*. 2024;7(9):e2434942. doi:10.1001/jamanetworkopen.2024.34942

Environmental Justice



Where the Assistance Program fits

- Air conditioning is one tool we have to adapt to increasing heat wave frequency and intensity
- Estimated 1 in 3 low-income households kept their home at unsafe temperatures, partially due to financial constraints (LIHEAP)
- Loss of assistance may exacerbate inequities



Fifth National Climate Assessment



U.S. Global Change
Research Program

- NCA 2023; Fifth Edition
 - US Global Change Research Program
 - Covers climate trends, effects on water, wildfires, flooding, and more