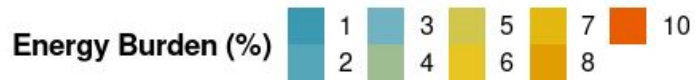
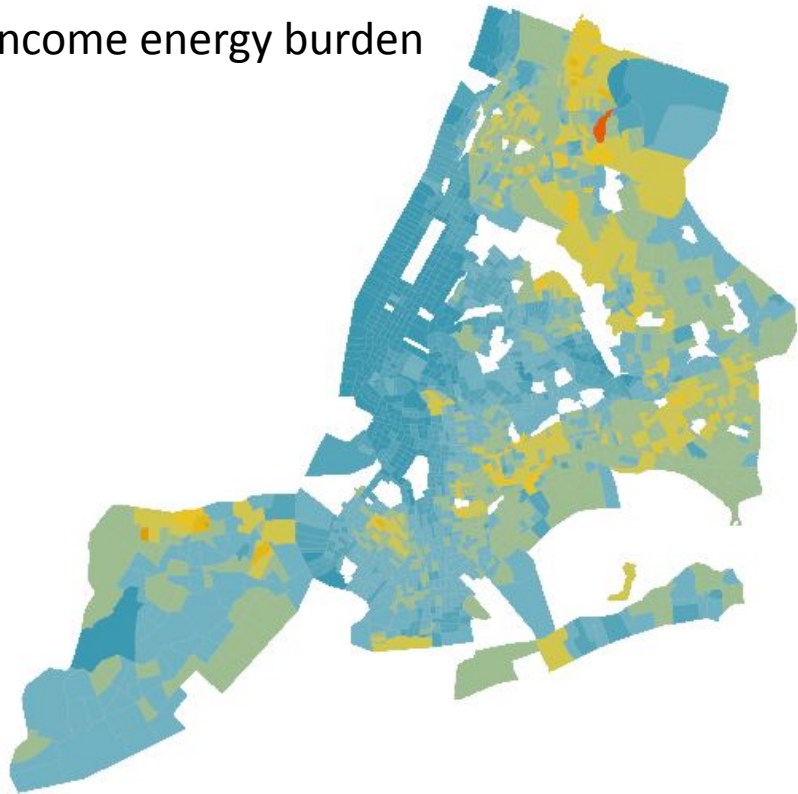


Energy Insecurity New York City...leads to unsafe indoor environments

Low-income energy burden



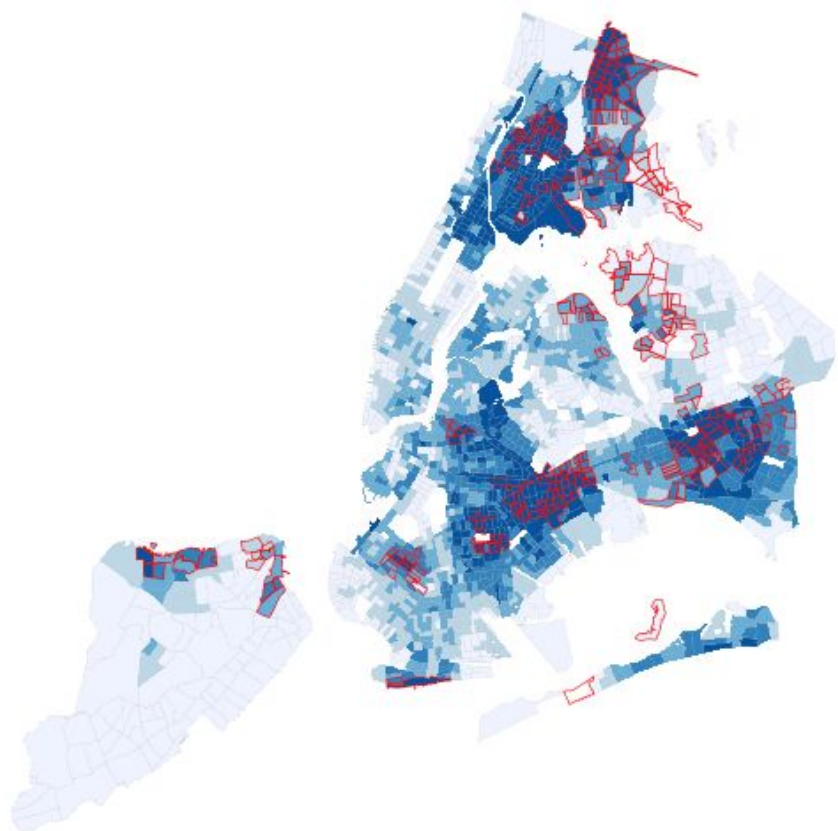
Energy burden data: Ma, Ookie, Krystal Laymon, Megan Day, Ricardo Oliveira, Jon Weers, and Aaron Vimont. 2019. Low-Income Energy Affordability Data (LEAD) Tool Methodology. Golden, CO: National Renewable Energy Laboratory. NREL/TP-6A20-74249. <https://www.nrel.gov/docs/fy19osti/74249.pdf>

BROOKLYN
Mother and three children narrowly escape deadly carbon monoxide poisoning
BY ANGI GONZALEZ | NEW YORK CITY
PUBLISHED 10:00 PM ET OCT. 19, 2021

Space heater sparked fire in the Bronx that killed 17 people, including 8 children
By Susannah Cullinane, Brynn Gingras, Bonney Kapp, Mirna Alsharif and Amir Vera,
CNN
Updated 7:53 PM ET, Mon January 10, 2022

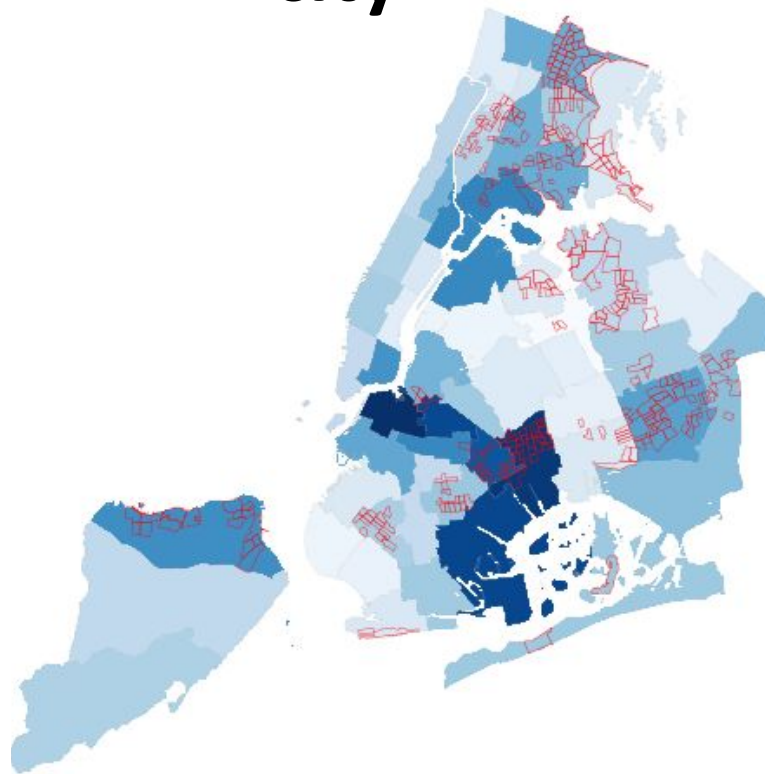
 **Neighborhoods Hard Hit by COVID-19 are Vulnerable to Summer Heat**
Social distancing makes cooling centers logistically difficult.

Climate change exacerbates energy burden disparities within the city



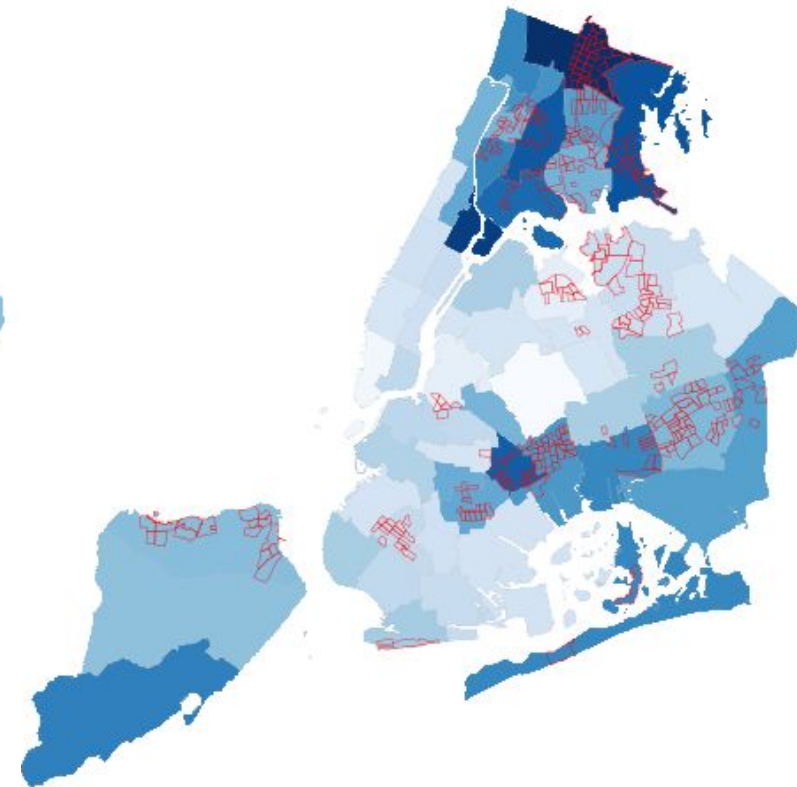
HVI 1 2 3 4 5

Energy Insecurity and HVI



CO Incident 50 100 150

Energy Insecurity and CO Incidents



Medical Equipment 4 8 12 16

Energy Insecurity and Household medical equipment

 = Energy Burden >5%

Challenges

New Yorkers should be able to stay in their homes safely during cold and hot weather

- Households face the dual crisis of energy insecurity and the consequences of climate change
 - Extreme heat, power outages, flooding, etc...
- Energy insecure households must be more flexible with less resources to adapt to the stressors of climate change
- Overcoming obstacles-
 - Long-term supplement for energy bills/ reduce energy costs
 - Building design-cooling/heating requirements
 - Resiliency Hubs
 - Comprehensive mitigation and adaptation programs
 - Reducing carbon footprint- efficiency
 - Weatherization

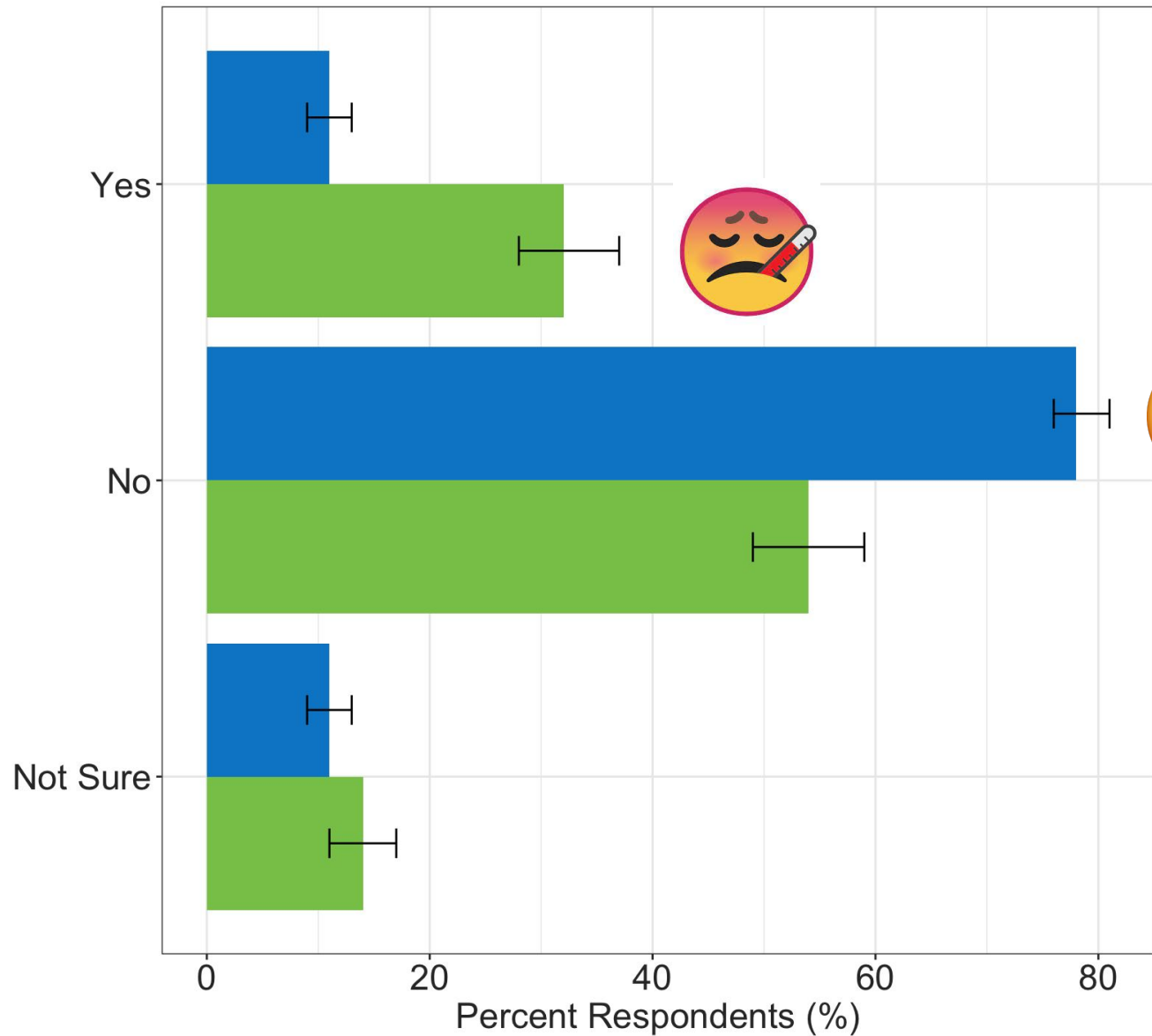
Benefits- Your house should not make you sick

Did hot weather make the household sick or worsen health conditions?

Did not receive an air conditioner

Received an air conditioner

Households that did not receive an AC felt sicker during hot weather



Final Statement

Regarding Health, Energy and Equity for NYC a **critical action to collectively take in the 12 months is to find sustainable ways to reduce energy prices for all low- and middle-income New Yorkers.**