

Energy Insecurity in NYC: Obstacles and Opportunities

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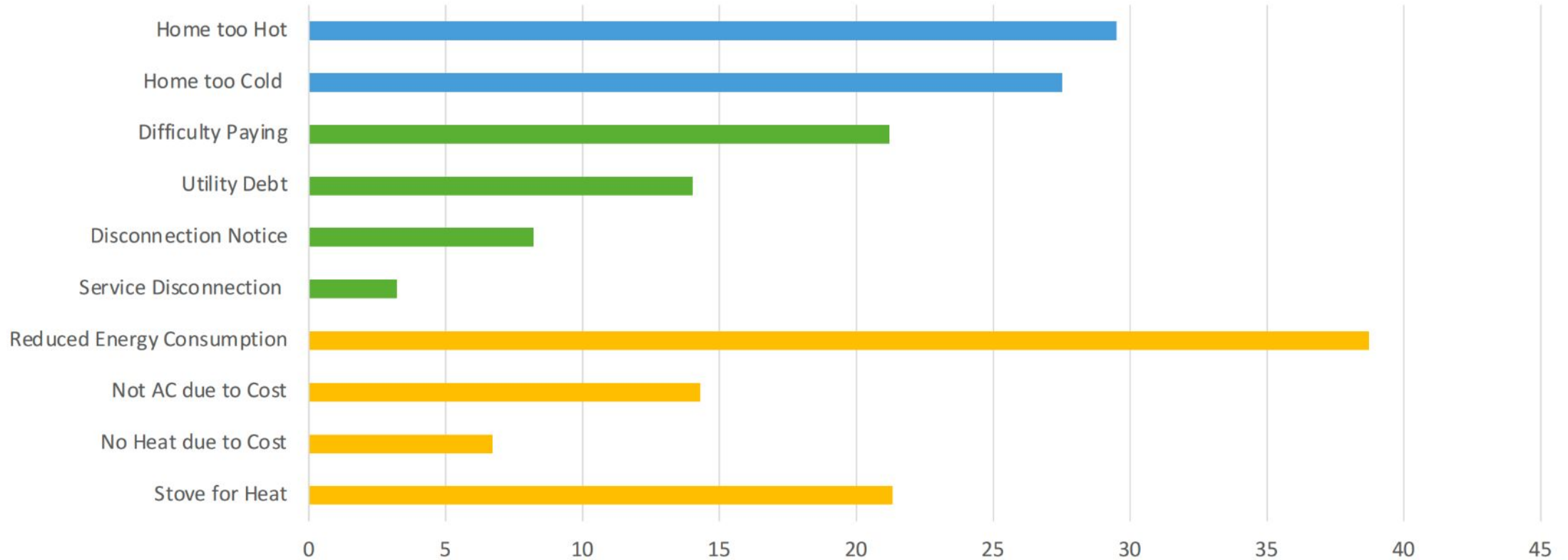
Introduction

- Energy insecurity is defined as the inability to adequately meet household energy needs.
- Comprise of Three Dimensions: Economic, Physical and Coping
- Can be a chronic or acute problem



Energy Insecurity in NYC

Energy Insecurity Indicators in NYC



Data Source: NYC Household Energy and Health Survey, March 2022

Siegel et al., under review

Key obstacles/challenges to overcome

- Utility Rate Structures
- Building Performance and Energy Efficiency
- LIHEAP
 - Limited cooling assistance
 - Restricted to household that pay for heat
 - Seasonally-focused
- Disconnection Protections
 - Under-enrollment of elderly and medically vulnerable in shutoff protection plans
 - Expansion of protections to households with children, pregnant persons

Benefits/Consequences of Addressing EI

Comfort



Health



Dignity





Final Statement

- **To achieve New York’s Climate, Health & Equity goals, a critical obstacle to collectively overcome in 12 months is promotion energy affordability and access through:**
 - **Rate redesign,**
 - **Weatherization and housing decarbonization**
 - **Expansion of energy assistance**
 - **Disconnection Reform**