

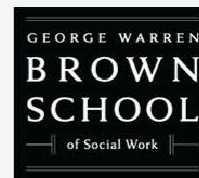
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 Enterprise



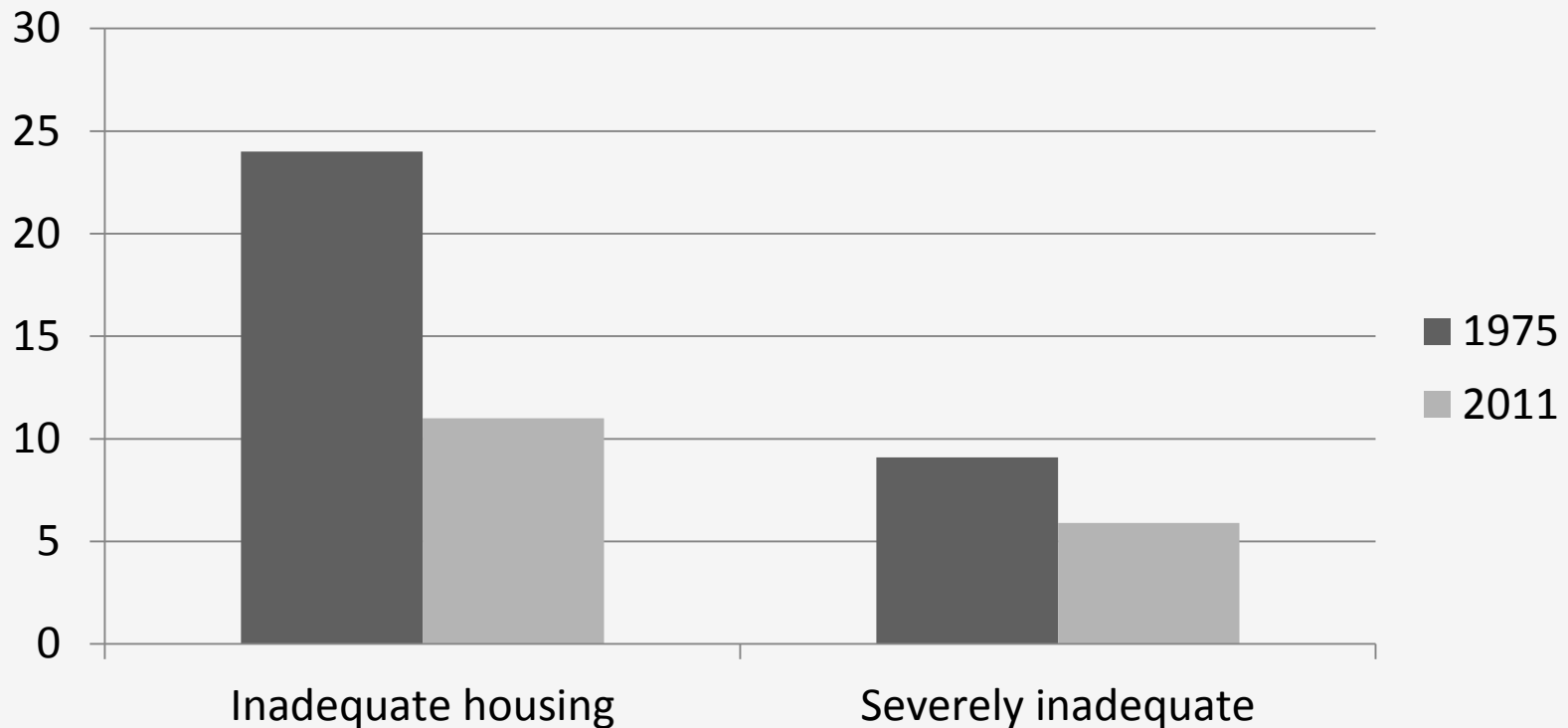
PANEL 1:

What Attributes of Housing Affect Health: What Do We Know and Not Know?

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There have been substantial improvements in housing quality over the last 40 years



Quality of housing for children in low income households

Sources: C. Scott Holupka and Sandra J. Newman, "The Housing and Neighborhood Conditions of America's Children: Patterns and Trends over Four Decades," *Housing Policy Debate* 21 (2011): 215–45

Poor quality housing continues to pose a health risk, including through hidden hazards

Chronic disease

(asthma, hypertension, poor mental health)

- Structural defects causing damp and mold
- Presence of mites, rodents and roaches
- Exposure to lead, nitrogen dioxide and other toxins
- Poor ventilation
- Carpets with toxic chemicals, dust and mites

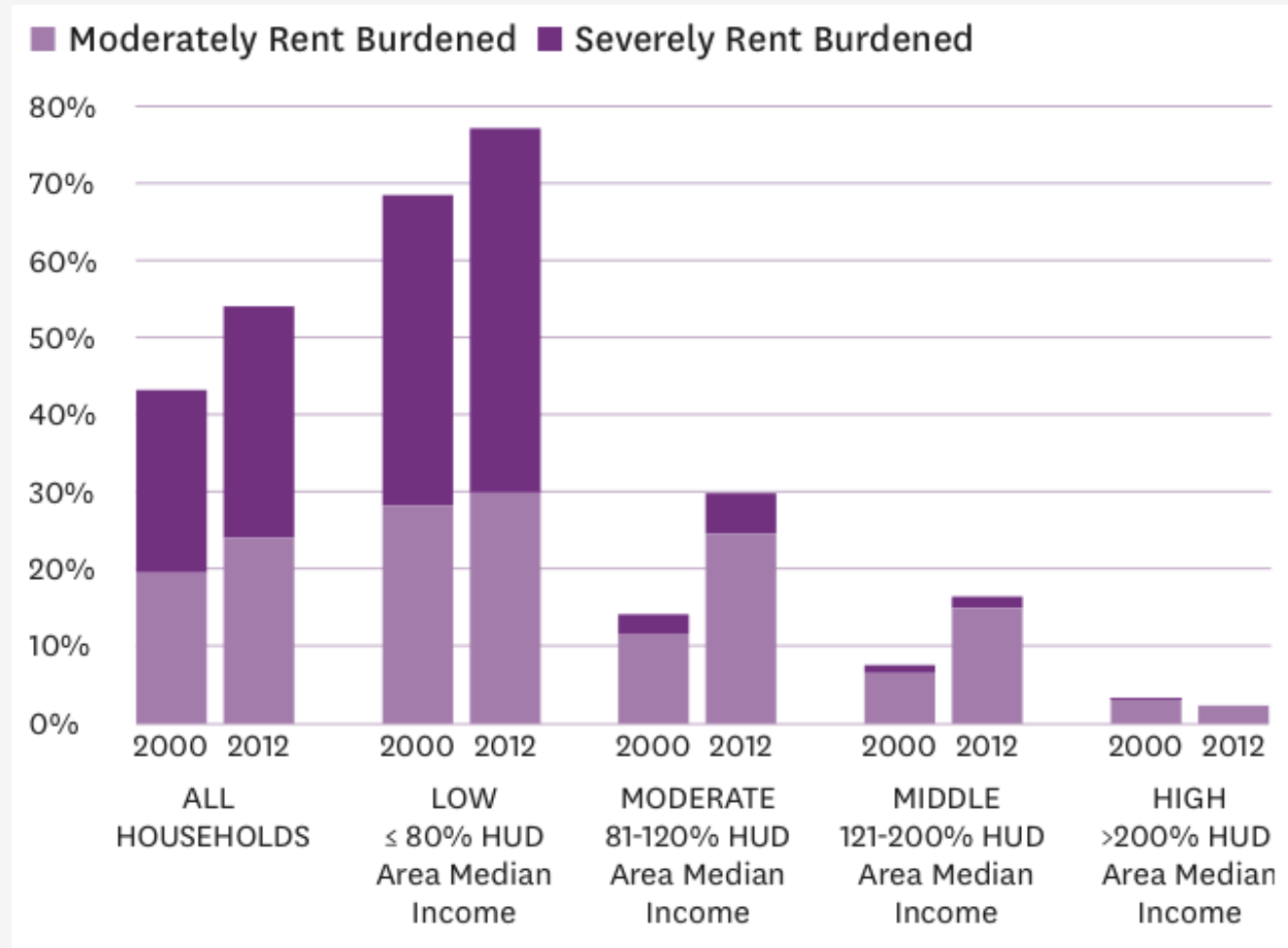
Injuries

(falls, burns, mortality)

- Absence of smoke detectors
- Stairs without rails and slippery flooring causing falls
- Exposed heating system causing burns
- Low sill heights
- Unprotected windows (without bars)

Source: Krieger, James, and Donna L. Higgins. "Housing and health: time again for public health action." American journal of public health 92.5 (2002): 758-768.

Rising NYC rent burdens may be detrimental to health



Rent-Burdened Households by Income Group, New York City

Source: NYU Furman Center (2013)

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PANEL 1

DISCUSSION QUESTIONS

1

What do we know about what makes a home healthy?

2

How can we rehabilitate existing homes to make them healthier?

3

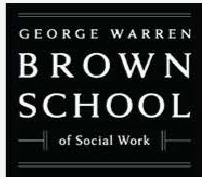
What tradeoffs exist between the objective of building healthy housing and building affordable housing? How can we navigate these tensions?



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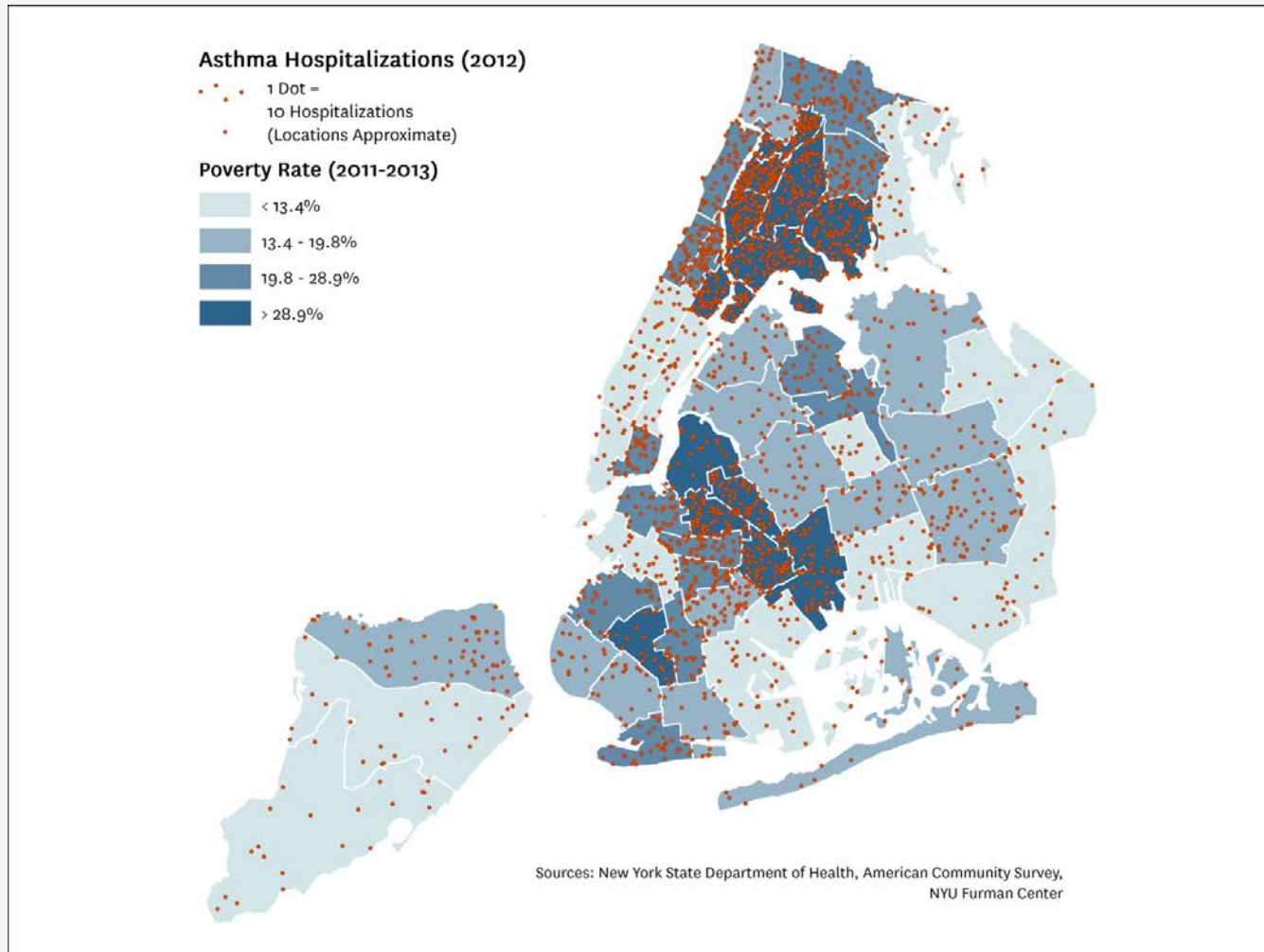


PANEL 2:
**What Attributes
of Neighborhood/
Community
Affect Health:
Who Cares and Why?**

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Health outcomes are worse in low-income communities



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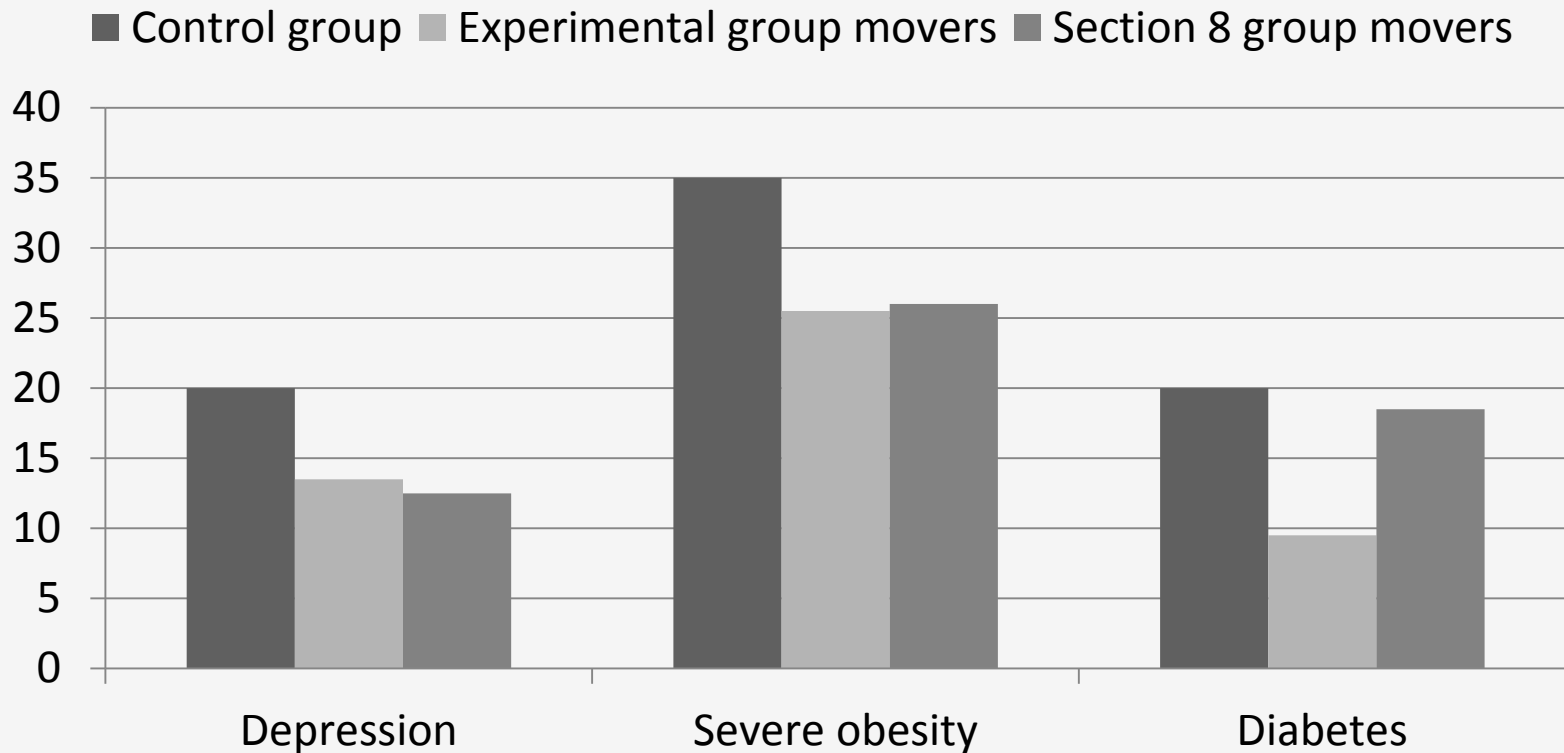
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Many neighborhood attributes are associated with good health outcomes

Access to fresh food	Children are <u>25-33% less likely to be overweight or obese</u> if living near a supermarket with a range of fresh fruit.
Impact of violence	Injuries and homicide are <u>two of the five leading causes of death among children</u> over one year old and are both closely associated with the characteristics of a child's home and neighborhood.
Walkability and physical activity	Residents in high-walkable neighborhoods are 2.4 times more likely to <u>meet physical activity recommendations.</u>

Moving to high-opportunity neighborhoods does improve some health outcomes



Health impacts of the Moving to Opportunity program

Sources: Ludwig, Jens, et al. "Neighborhood effects on the long-term well-being of low-income adults." *Science* 337.6101 (2012): 1505-1510.

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PANEL 2

DISCUSSION QUESTIONS

1

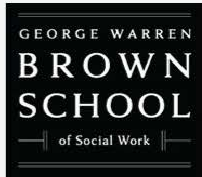
What do we know about how neighborhood and community shape health?

2

With this knowledge, how should policy makers allocate resources across neighborhoods?

3

Who are the appropriate partners to make a neighborhood health-promoting?

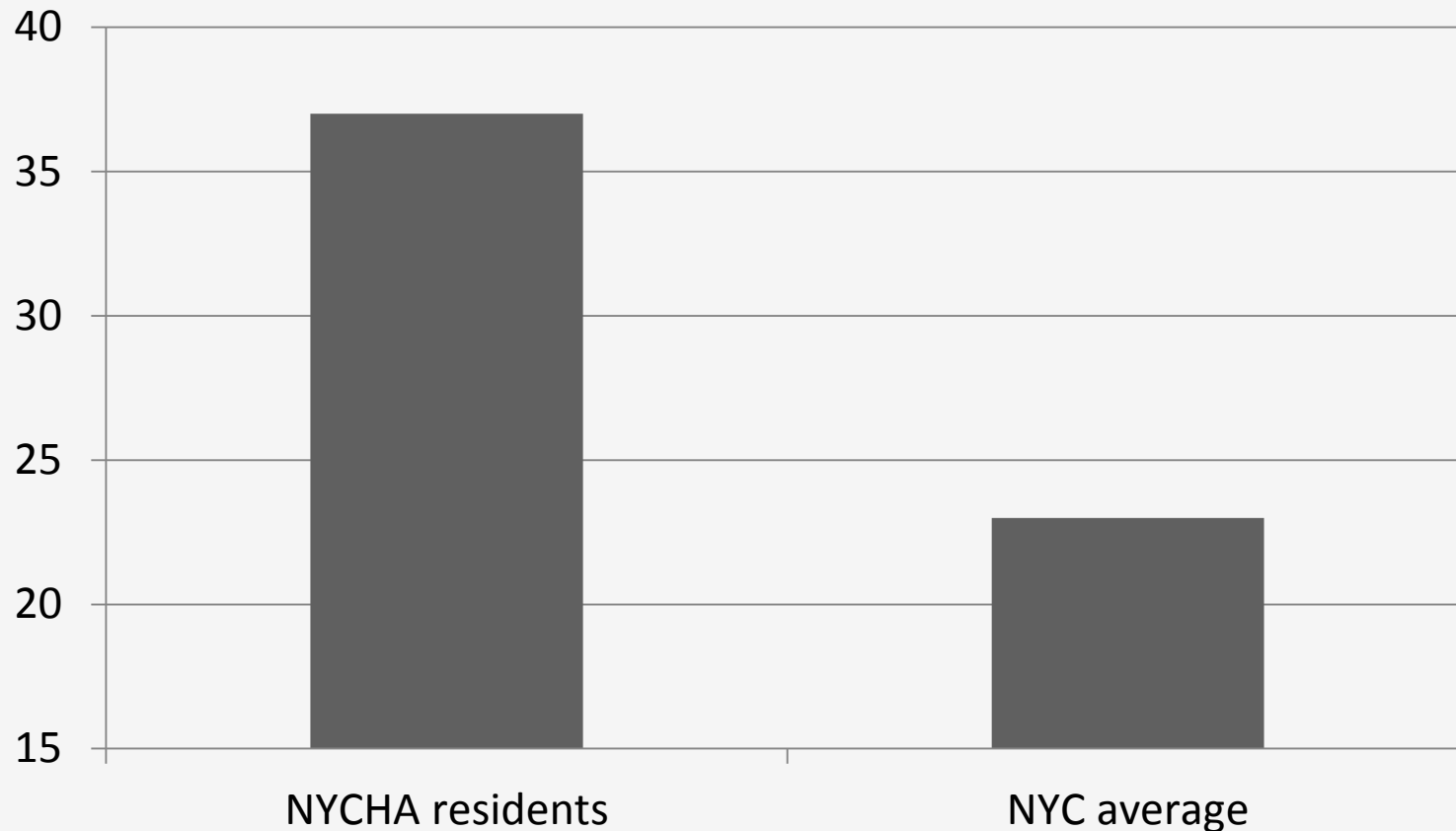


PANEL 3:
**Building Bridges:
Connecting Public and
Subsidized Housing
Residents to Resources in
the Surrounding
Communities**

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Residents in NYC's public housing are more likely to have chronic diseases such as diabetes



Self reported diabetes prevalence

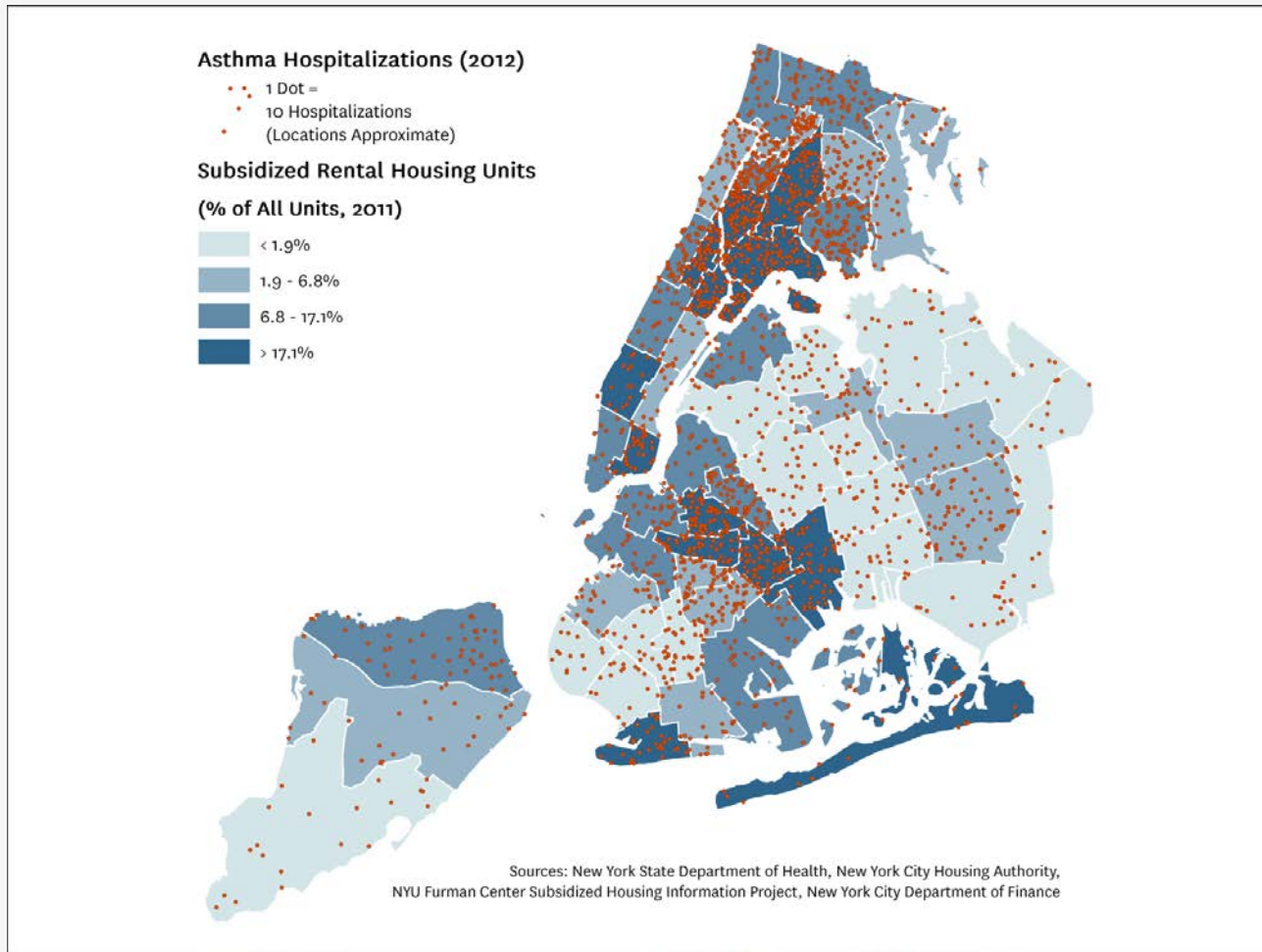
Sources: The Health of Older Adults in New York City Public Housing, NYCHA

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Neighborhoods with more subsidized housing show higher levels of asthma hospitalizations



Community health workers are one approach to improving health that is showing promise

Outcome	Impact
Increased immunization rates	22% increase
Increased rates of breast feeding	24% increase
Improved cure rates for pulmonary tuberculosis	22% increase

Source: Lewin, S. A., et al. "Lay health workers in primary and community health care." *Cochrane Database Syst Rev* 1 (2007).



PANEL 3

DISCUSSION QUESTIONS

1

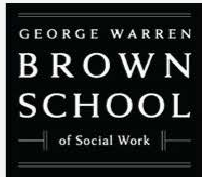
How can we deliver critical services to residents of subsidized housing with chronic health problems?

2

How can we link the broader set of families and children living in assisted housing to surrounding resources and services to help them stay healthy?

3

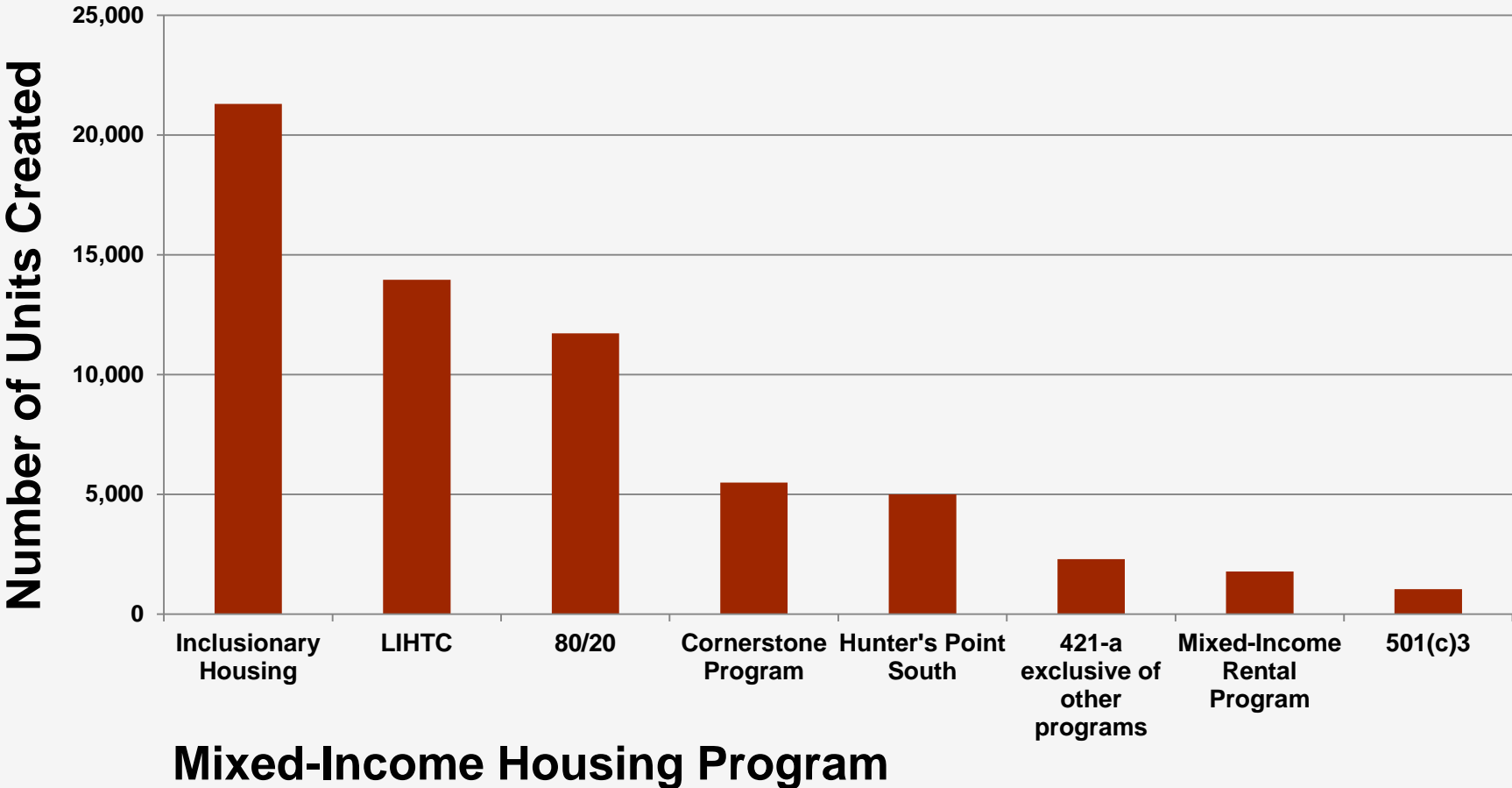
What is the potential for community health workers or captains to assist individual tenants and develop broader health-promoting initiatives?



**PANEL 4:
Building Community,
Connecting Services to
Property Management:
Testing a New Paradigm for
Mixed-Income Housing**

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Estimated Number of Units Created or Preserved in NYC Using Select Mixed-Income Housing Programs, 2004-2014



Source: HPD, ESD, IBO, Office of Council Member Brad Lander, NYU Furman Center

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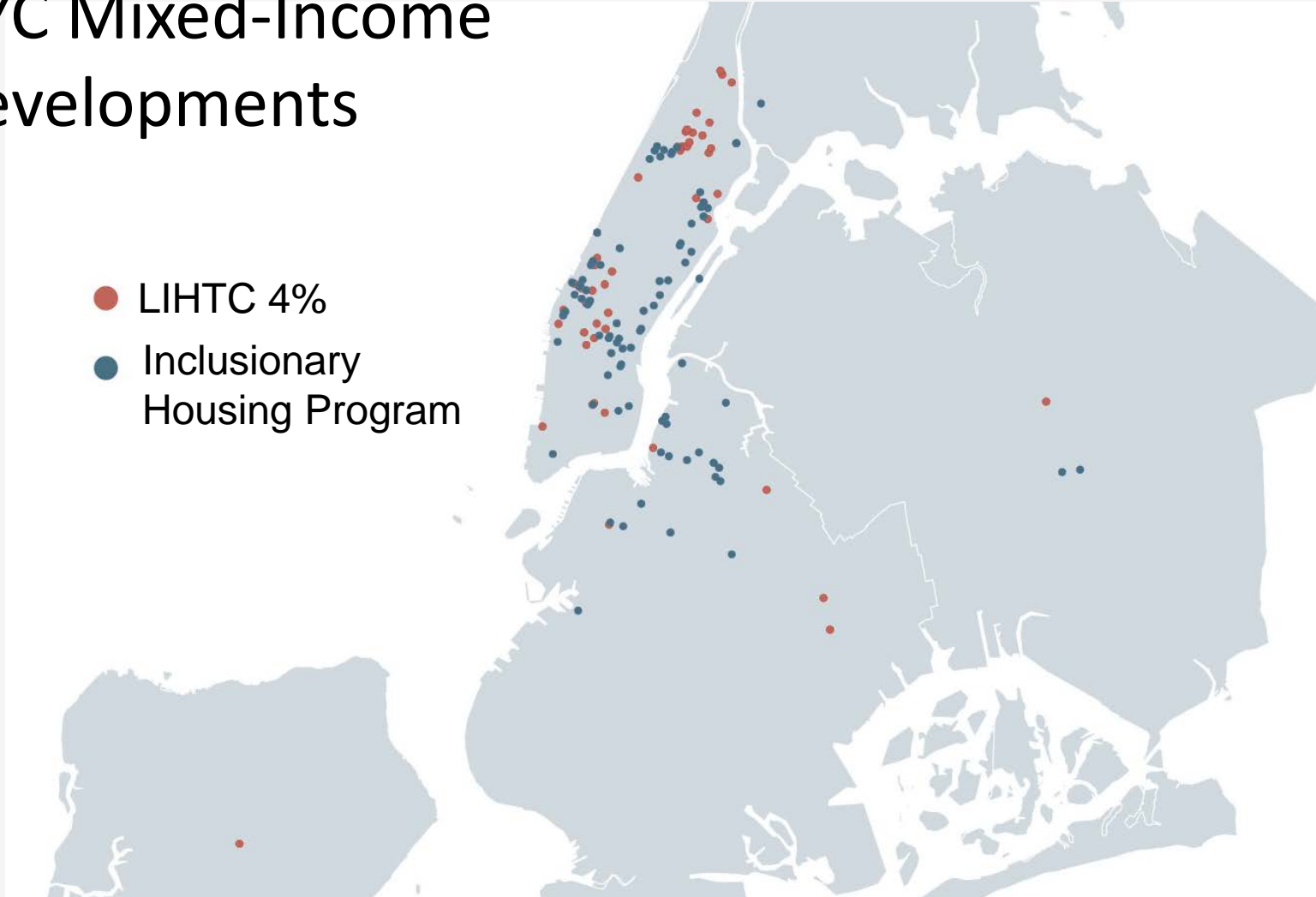
Living in mixed-income housing may provide some health benefits, based on the limited evidence

“Two-thirds of the relocated public housing residents we spoke to reflected on the high levels of emotional stress they experienced in their former housing development, due largely to safety concerns, and the major reduction in stress and increased “peace of mind” they felt in the new mixed-income development.”

--Robert Chaskin & Mark Joseph

NYC Mixed-Income Developments

- LIHTC 4%
- Inclusionary Housing Program



Sources: HPD, DCP, & NYU Furman Center,
Analysis & Mapping by Office of Council Member Brad Lander



PANEL 4

DISCUSSION QUESTIONS

1

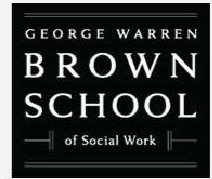
In thinking about health and housing, what are the challenges and opportunities posed by mixed-income housing?

2

To date, the field has separated the property management function from those providing services and support to low-income households. How is this working and are there other approaches?

3

What approaches might work best in New York City?



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