

# Yolo County Basic Income Program: Preliminary Data Report II

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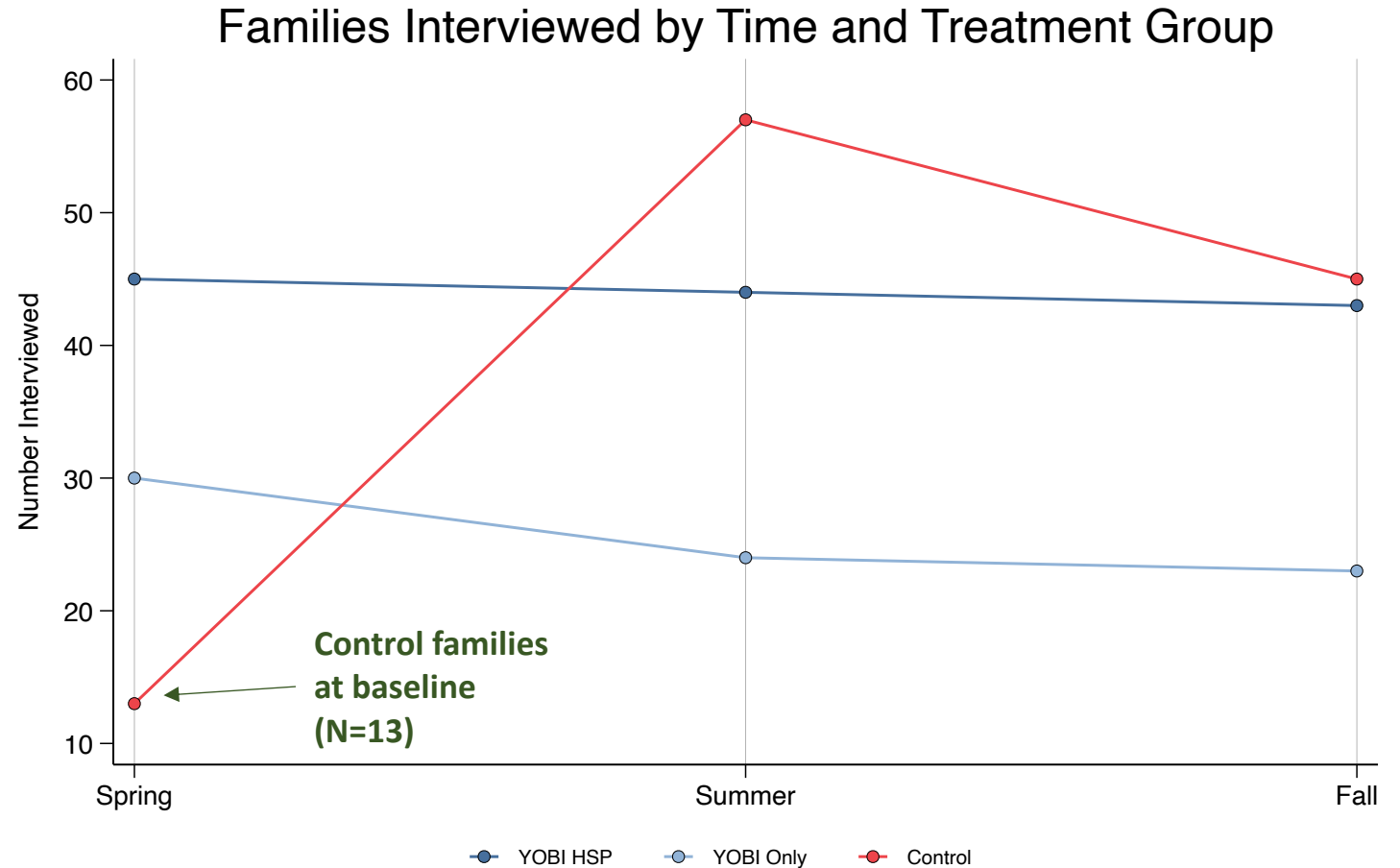
7/10/2023

# Background on Methods and Interpretation

- There are two “treatment” groups. One received YOBI payments and HSP services (“YOBI HSP”), the other received only YOBI payments (“YOBI Only”). This allows us to explore any potential added benefits of HSP services.
- Control group families were selected based on their similarity to the YOBI HSP families across a range of demographic and economic indicators. However, most of the families selected for the control group declined to participate in the study, and families that were less similar to the YOBI HSP families were substituted in as controls.
- To help account for differences between YOBI and control group families, we compare the groups in terms of trends (i.e. changes) over time.
  - For example, a greater proportion of the control group may own homes at baseline and at follow-up because the control group is wealthier, on average. However, we may see an increase in the proportion of YOBI families owning homes from baseline (spring 2022) to follow-up in fall 2022. This increase, relative to the change in home ownership in the control group, may be attributable to YOBI payments.

# Background on Methods and Interpretation

- Few control families were interviewed at baseline (Spring). We combined the Spring and Summer interview waves for the control group in all visuals to avoid drawing conclusions from just a few families.
- For YOBI families, visuals show all three waves (Spring, Summer, Fall).
- Tests designed to assess the statistical significance of changes in housing and family wellbeing comparing YOBI families to control families look at changes from Spring to Fall for YOBI families and Spring and Summer combined to Fall for control families.
- These tests cluster standard errors within families using a sandwich estimator in order to account for repeat measures across time. In the current report, we do not adjust for potentially confounding variables (e.g. income) though we may add statistical controls in future analyses.



# Background on Methods and Interpretation

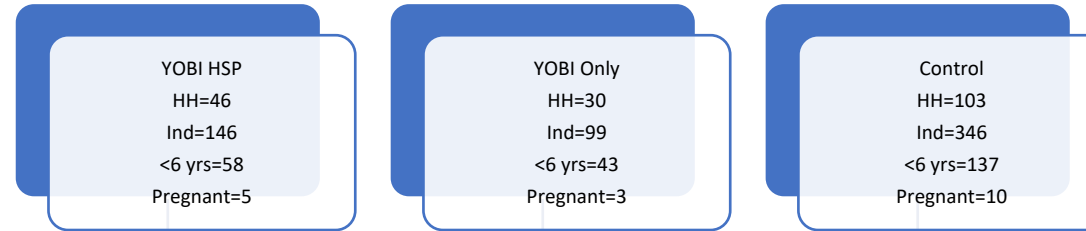
- This report includes measures of housing and economic well-being, social capital and community connectedness, parent-child interactions, and feelings of safety.
  - Family cohesion, child development, and parental mental health are reported separately.
- At the time of writing this report, the first three waves of interviews had been completed.
  - Baseline (Spring 2022) includes interviews completed in April, May, and June.
  - Summer 2022 includes interviews completed in July, August, and September.
  - Fall 2022 includes interviews completed in October, November, December, and January.
    - Note: Two families were interviewed twice within a single month (July). The second interview in July was dropped; these families still have three waves of information. A third family was interviewed twice within a single season (Summer). The second interview in Summer was moved to “Fall” so that this family would still have three waves of information. For families with Summer data but missing Fall data, the Summer data was moved to “Fall” for statistical tests in order to retain their information (N=6).

# Report on Findings

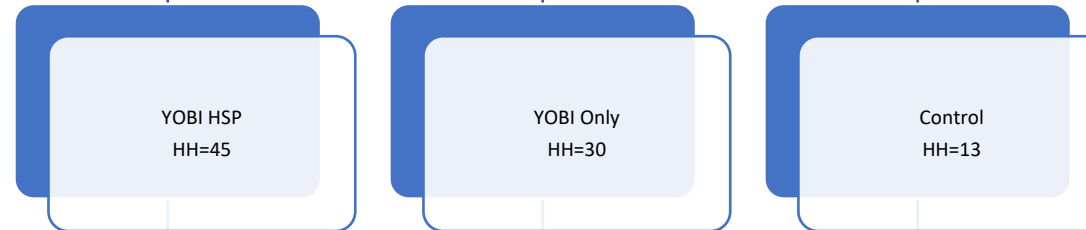
July 10, 2023

# Sample Flow Chart

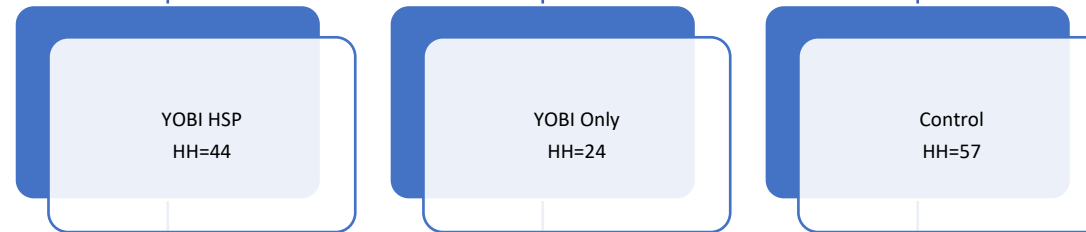
Selected and invited to participate



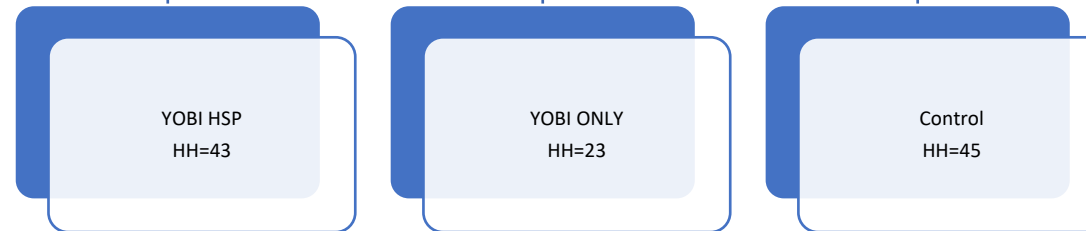
Responded to Baseline (Spring 2022)



Responded to Follow-Up (Summer 2022)



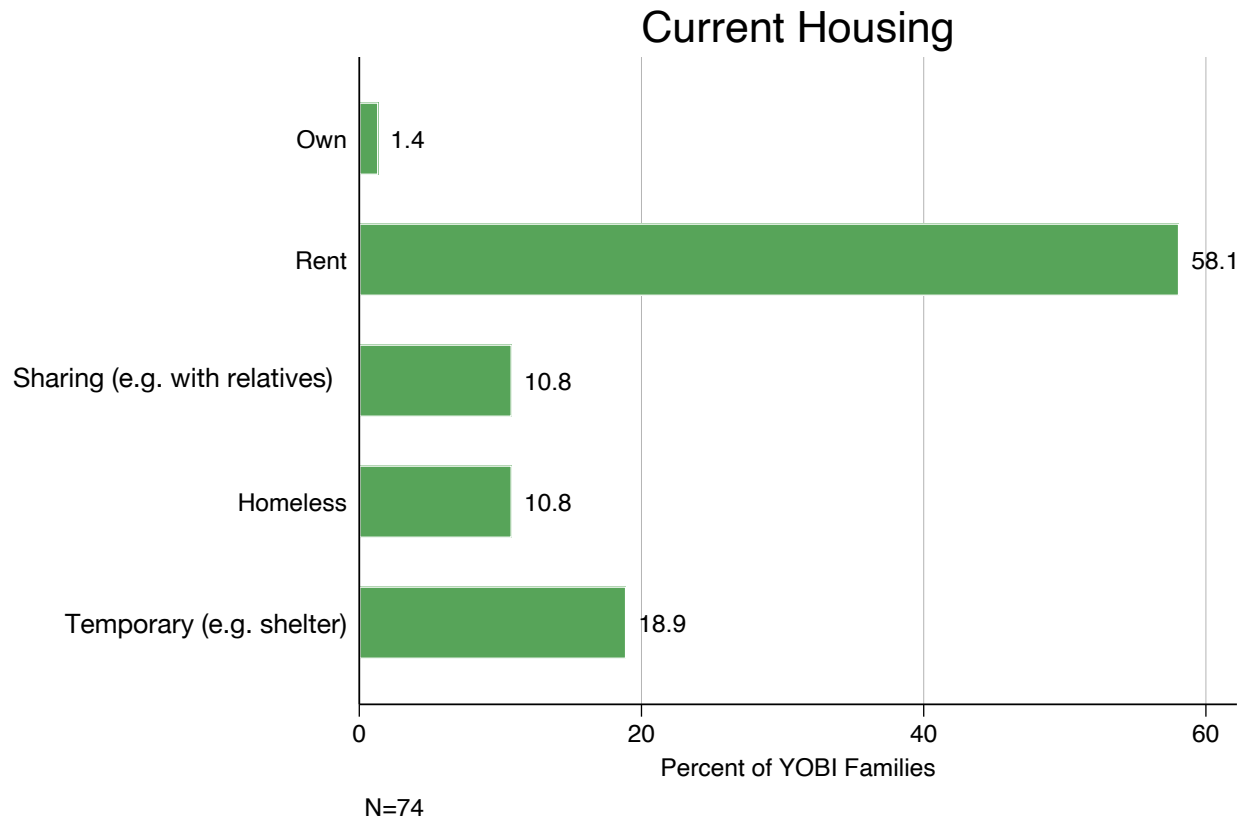
Responded to Follow-Up (Fall 2022)



Key  
 HH=Households  
 Ind=Individuals  
 <6 yrs=Children 0-5 years old

# Housing Type

## YOBI Families Prior to YOBI (Spring 2022)

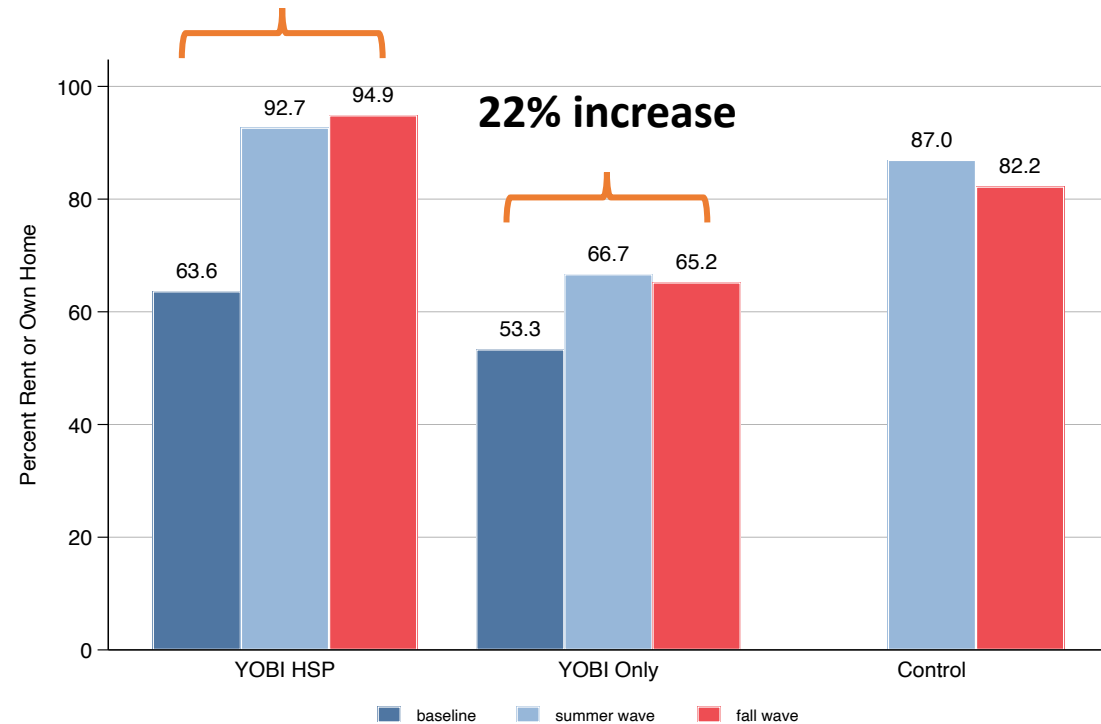


- Prior to receiving YOBI payments, most families rented their homes, followed by “temporary” housing, and more than 10% were homeless.
- Among families in HSP (not shown), 16% were homeless and 20% lived in temporary housing such as a shelter.

# Housing Type

- Families in both YOBI+HSP and YOBI-only moved toward more stable housing following receipt of YOBI payments.
- This was especially notable for YOBI+HSP families (p-value=0.001).
- Families in the control group shifted less dramatically over time.

**50% increase** in families renting or owning their home



Control families interviewed in the spring are shown in the summer column due to small numbers.

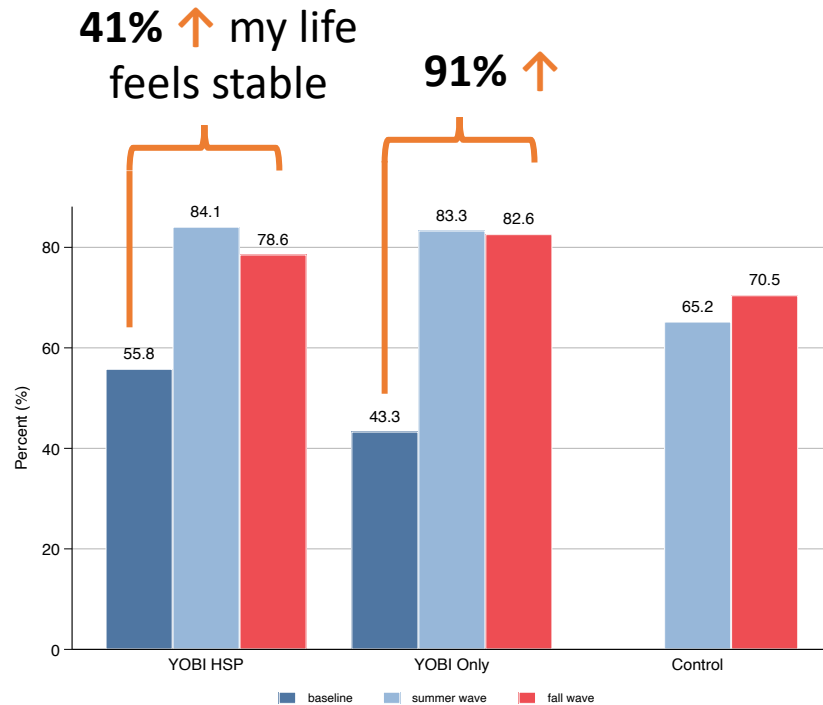
**Reading these Graphs** We do not expect to see changes in the control group from Summer to Fall unless something other than YOBI is influencing them. As such, the control bars serve as our bellwether. For example, if a new affordable housing policy were implemented in August 2022, we might see increasing numbers of renters and owners even in the control group. When reading these graphs, the control group bars can be used to assess whether universal changes may be influencing both YOBI and control families. If the control bars increase or decrease from Summer to Fall in a similar fashion to the YOBI groups, it may be that the changes observed in the YOBI groups are attributable to something that is affecting all families, YOBI and control, and not necessarily to the effects of payments. If the control bars remain similar from Summer to Fall, it is more likely that changes observed in the YOBI groups are attributable to the payments.



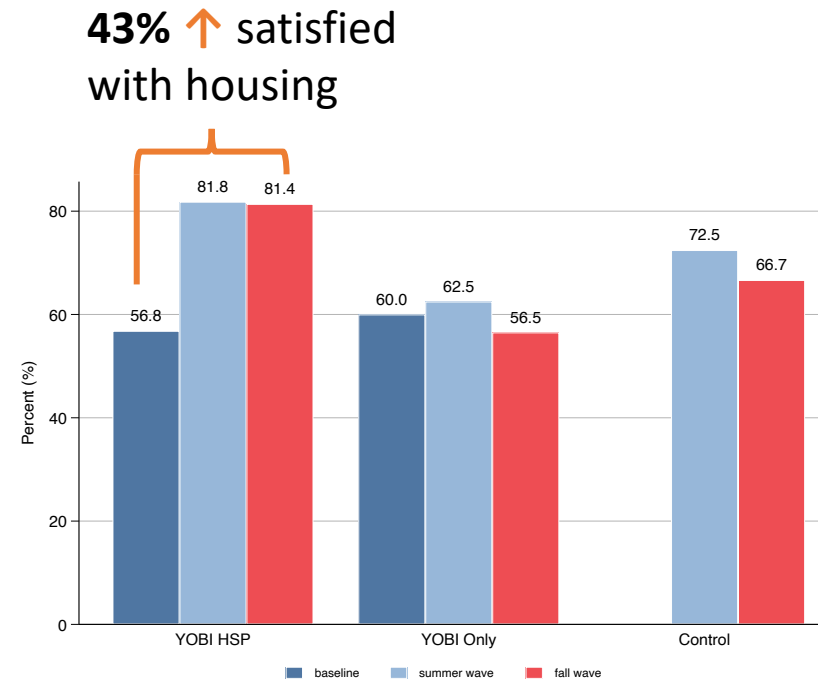
# Housing Security Scale

- The proportion of YOBI+HSP and YOBI-only families reporting feelings of life stability increased.
- The proportion of YOBI+HSP families reporting satisfaction with their housing also increased.

- The proportion of YOBI+HSP and YOBI-only families expressing confidence in their ability to pay for housing also increased, but these changes did not reach statistical significance (not shown).
- There was little change in the housing security scale as a whole (not shown).



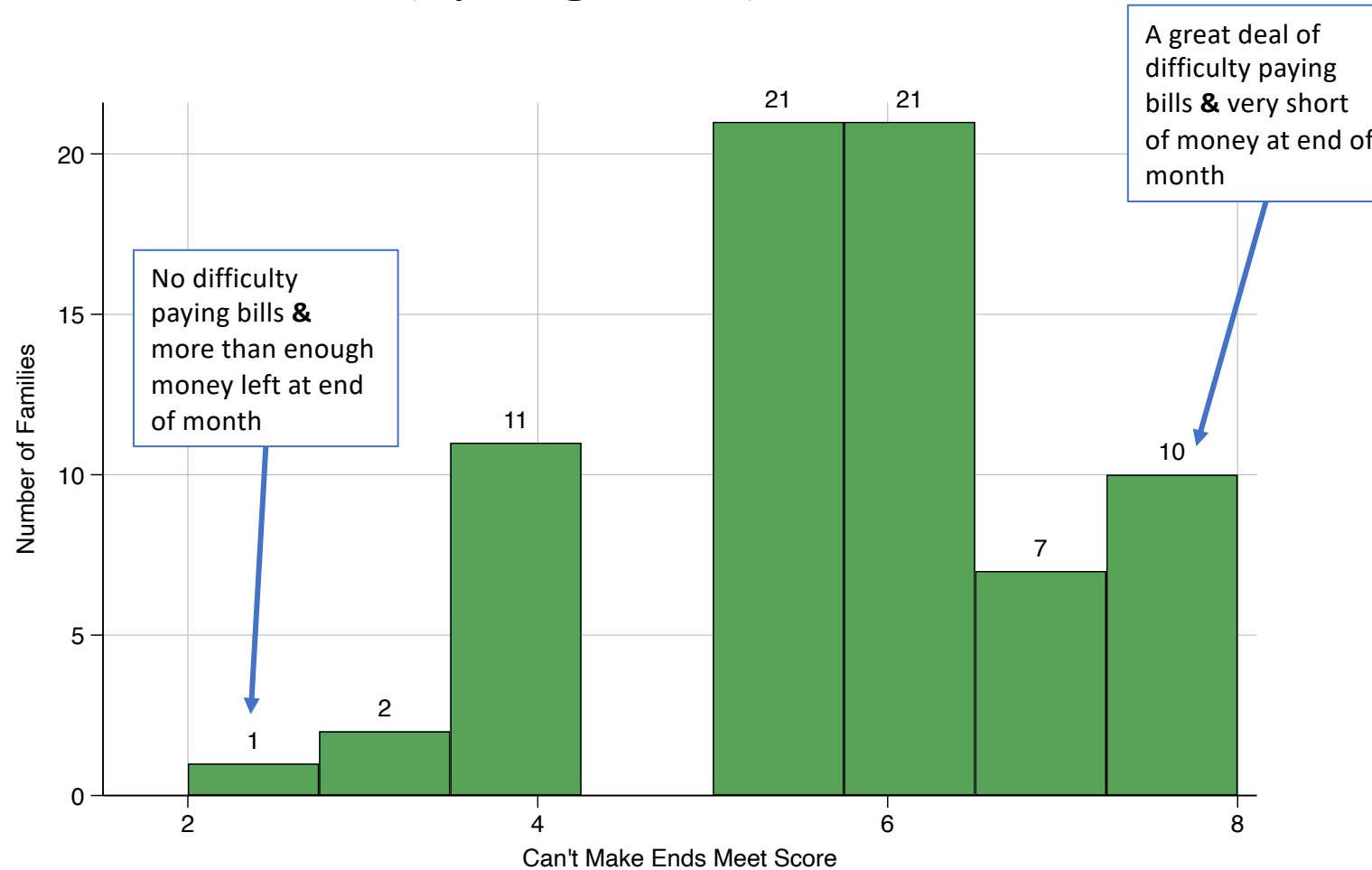
Control families interviewed in the spring are shown in the summer column due to small numbers.



Control families interviewed in the spring are shown in the summer column due to small numbers.

# Making Ends Meet

## YOBI Families Prior to YOBI (Spring 2022)



N=75

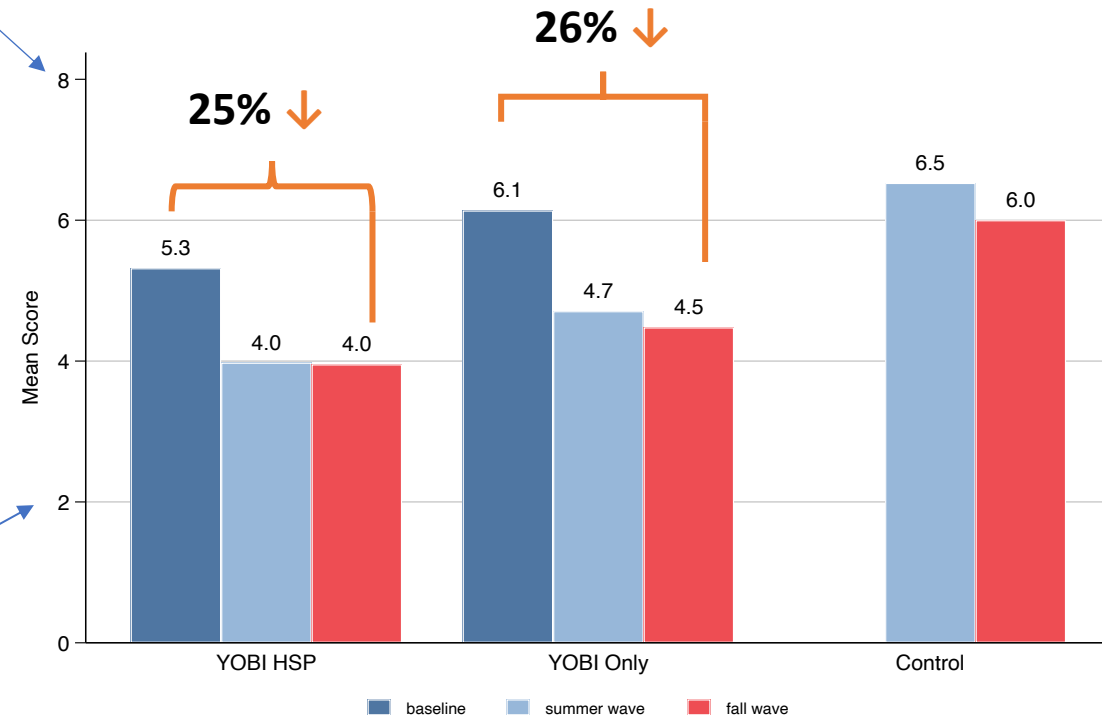
# Making Ends Meet

- YOBI families had a **greater decrease** in difficulty making ends meet as compared with the control group.

A great deal of difficulty paying bills & very short of money at end of month

No difficulty paying bills & more than enough money left at end of month

### “Can’t Make Ends Meet” Scale

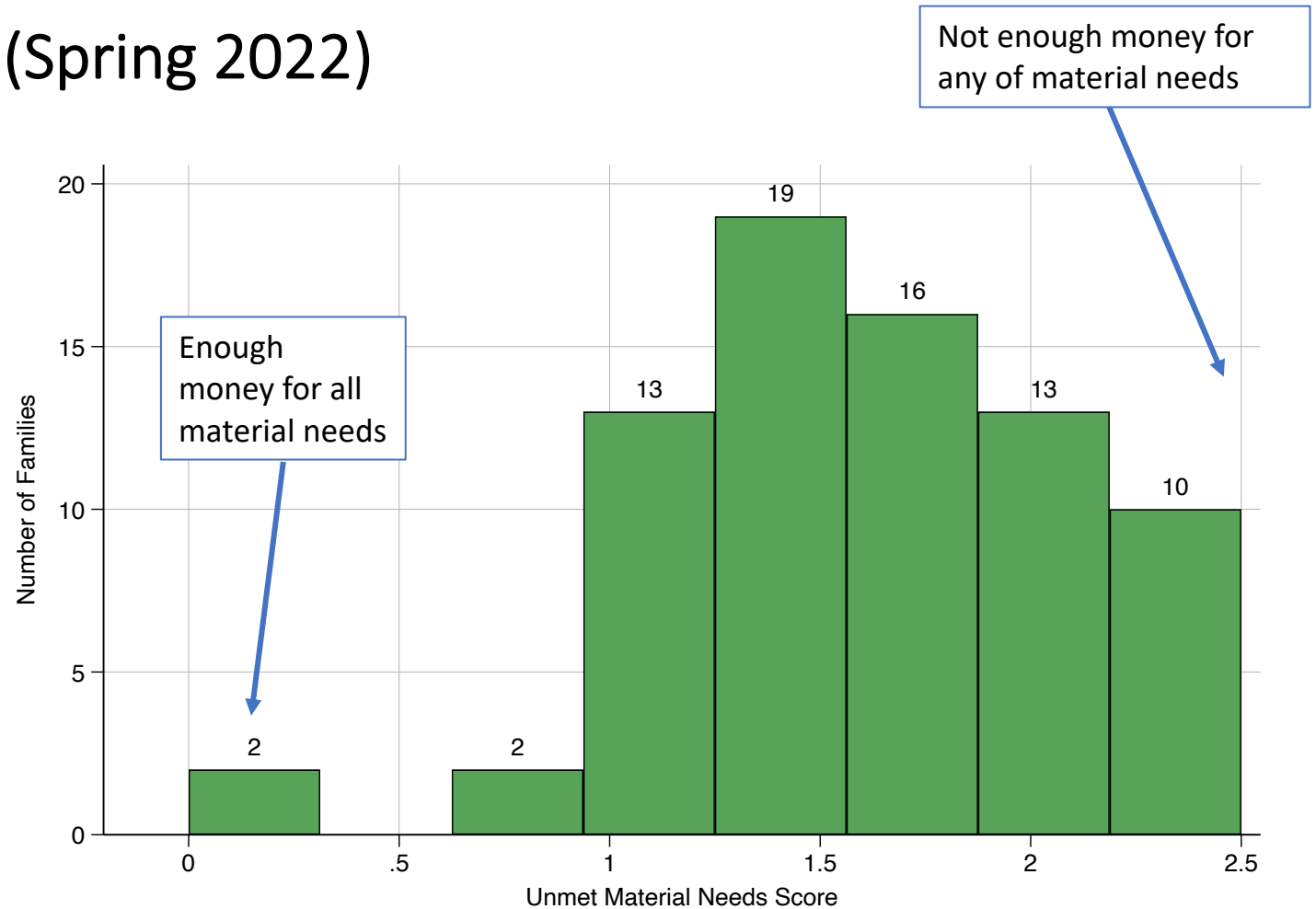


Control families interviewed in the spring are shown in the summer column due to small numbers.

# Material Needs

## YOBI Families Prior to YOBI (Spring 2022)

- >20% of families did not have enough money for their clothing, car/transportation or medical care needs
- 64% did not have enough to afford the kind of home they needed.

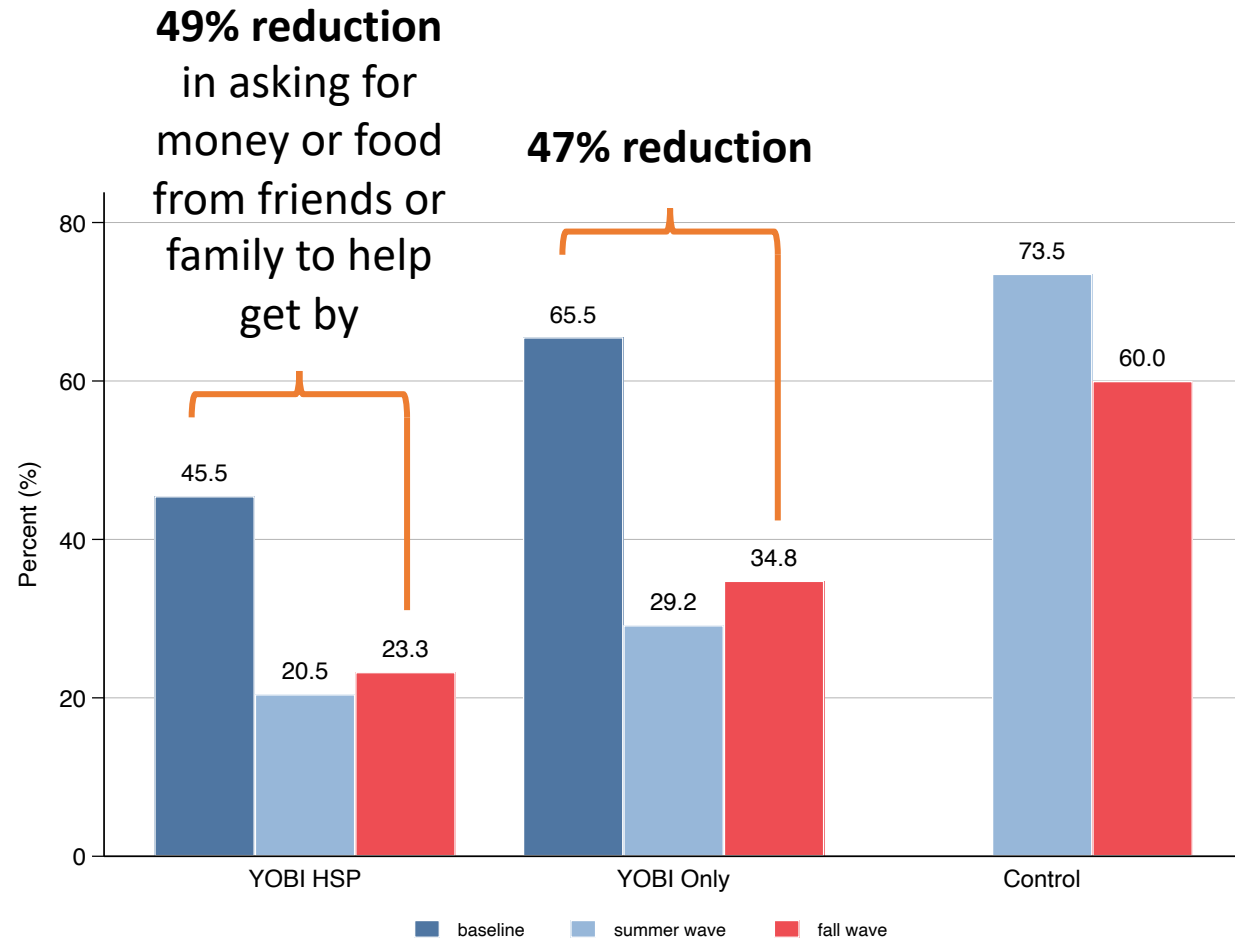


Many families responded to only a subset of the scale questions.  
A histogram of the averaged score for each family, ignoring missings, is shown.

Material needs= housing, clothing, car/transportation, food, and medical care

# Material Needs

- Individual scale items showed improvements in YOBI families' ability to pay for material needs such as housing, clothing, and food, particularly for YOBI+HSP families.
  - However, these changes were not statistically different from changes in the control group over the same time period.
- The proportion of YOBI families showing greater financial independence nearly doubled.
- Missingness in response items for the Unmet Material Needs scale resulted in a small sample size and unreliable estimates (not shown).



Control families interviewed in the spring are shown in the summer column due to small numbers.

# At baseline, roughly ½ of YOBI families felt connected to their neighborhoods

YOBI Families Prior to YOBI (Spring 2022)

## **Strong Household Connection**

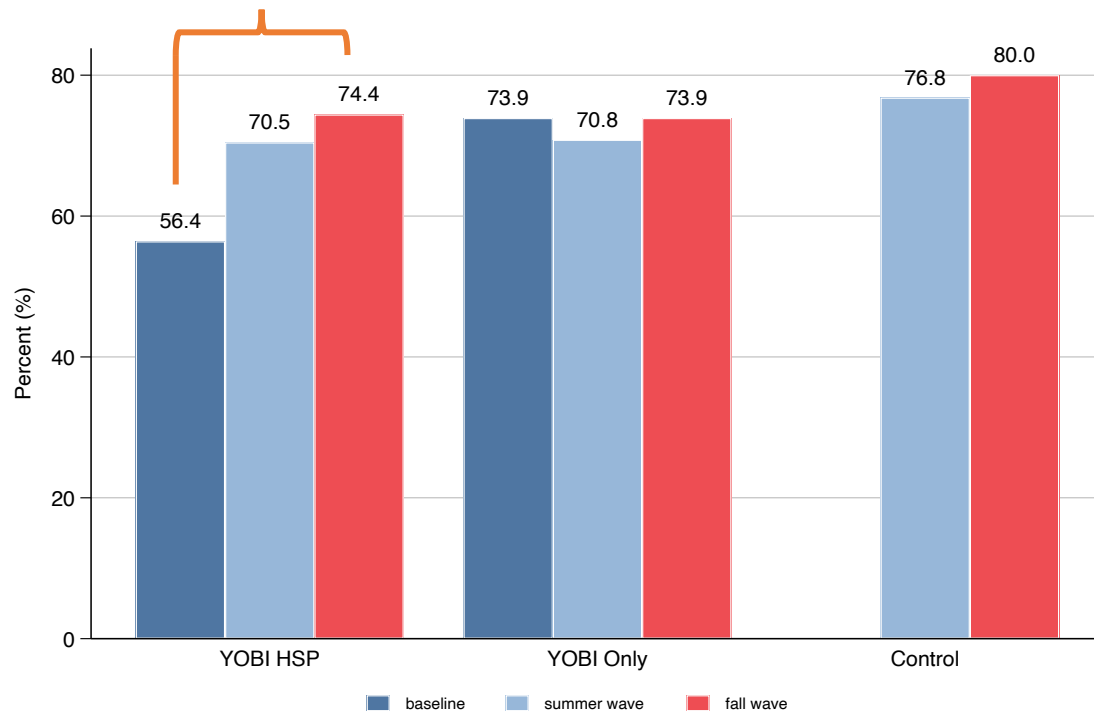
- 90% of YOBI families agreed with the statement “I get along with the people I live with and they are reliable when it comes to obeying the landlord’s rules.” (N=52)
  - Part of Housing Security Scale

## **Less Connection to Community**

- 40% of YOBI families did not at all trust the people in their neighborhood (N=62).
- 37% rarely or never had sense of community living in their neighborhood (N=62).
- 55% did not expect to live in community 5 yrs from now (N=60).

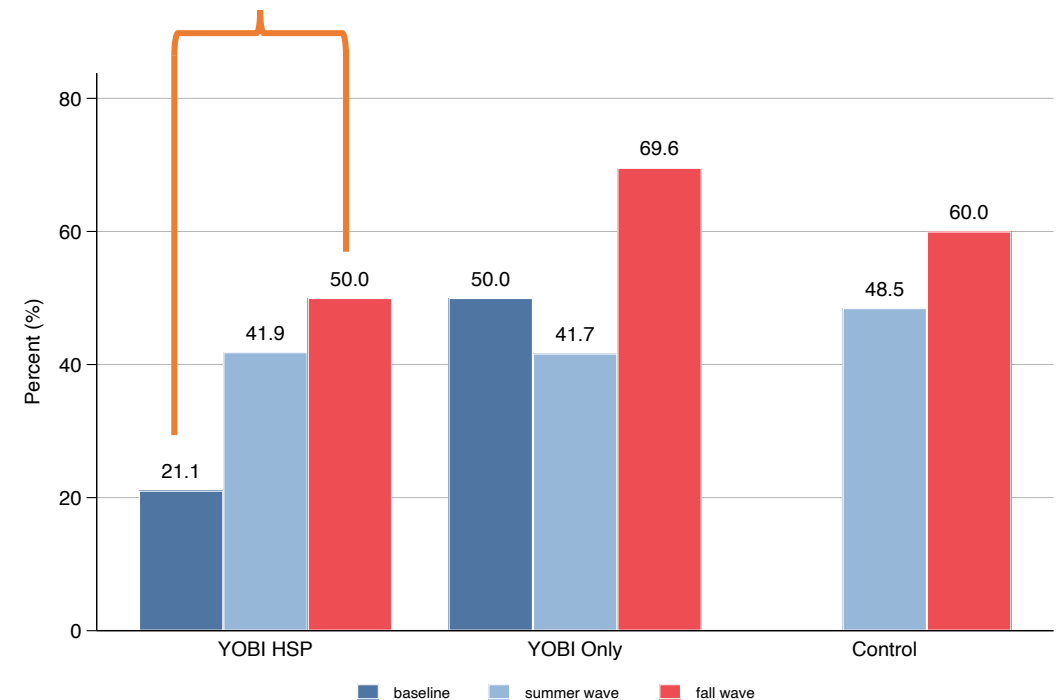
# YOBI+HSP families saw increases in sense of community and trust in people in their neighborhoods.

**32% increase** in families saying living in their neighborhood gives them a **sense of community**.



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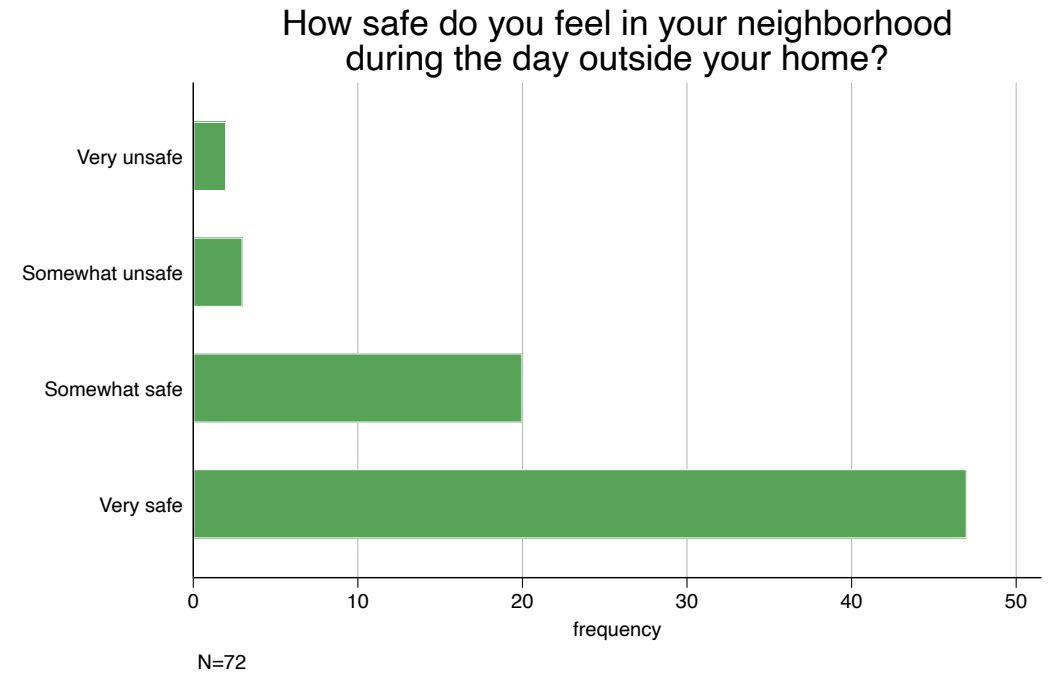
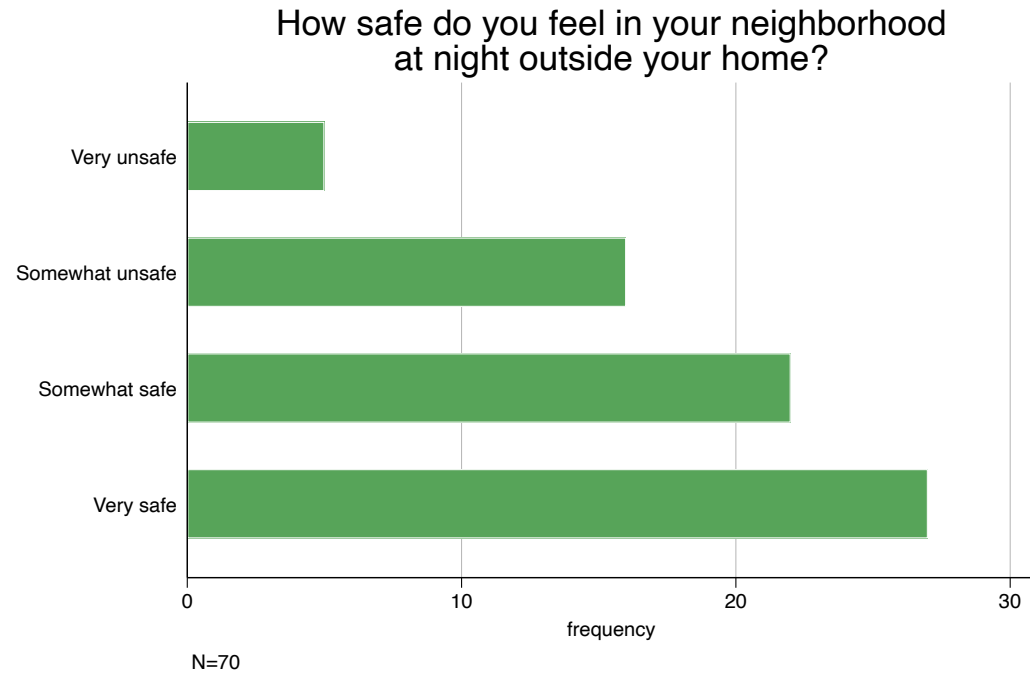
**137% increase** in families saying they can **trust** the people in their neighborhoods.



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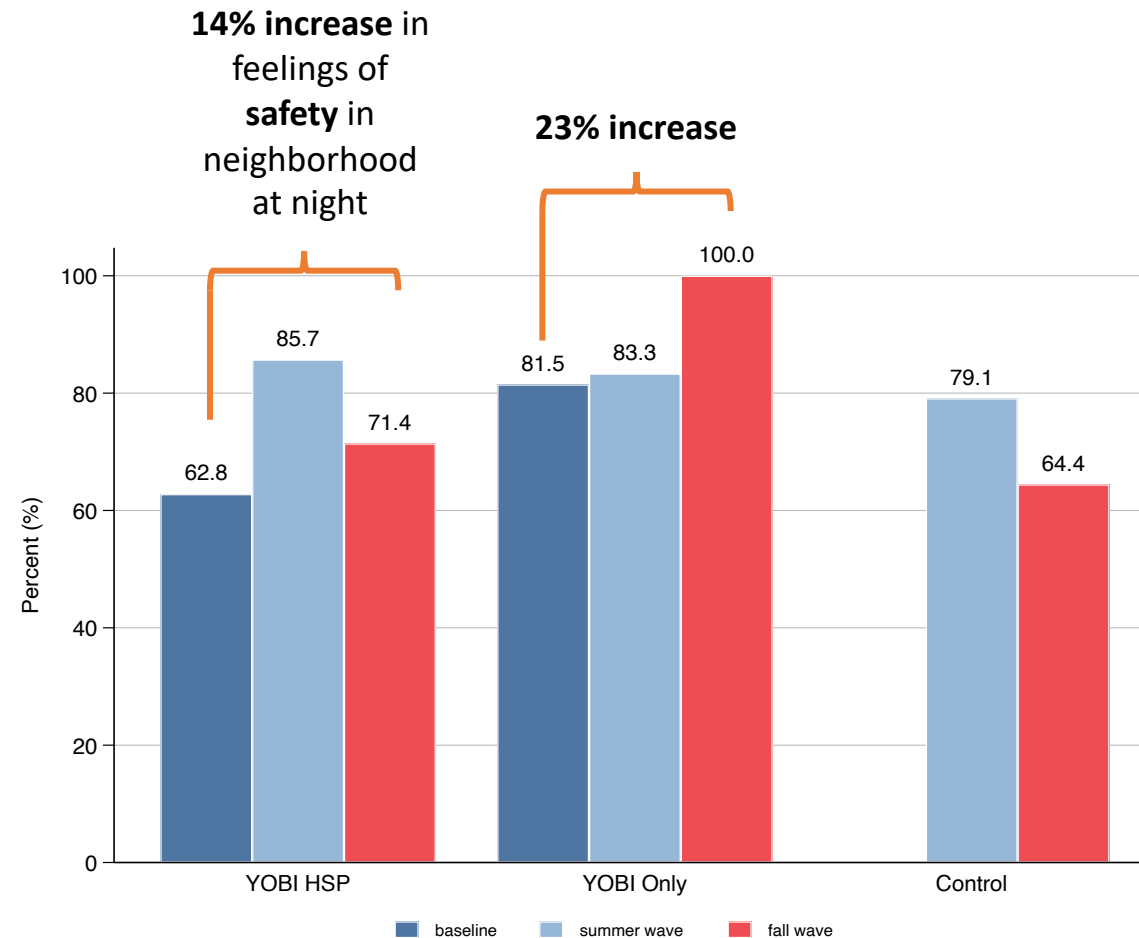
# Most Felt Safe in Neighborhood, Day and Night

## YOBI Families Prior to YOBI (Spring 2022)





Despite high baseline feelings of safety, the prevalence of these feelings increased among YOBI families.



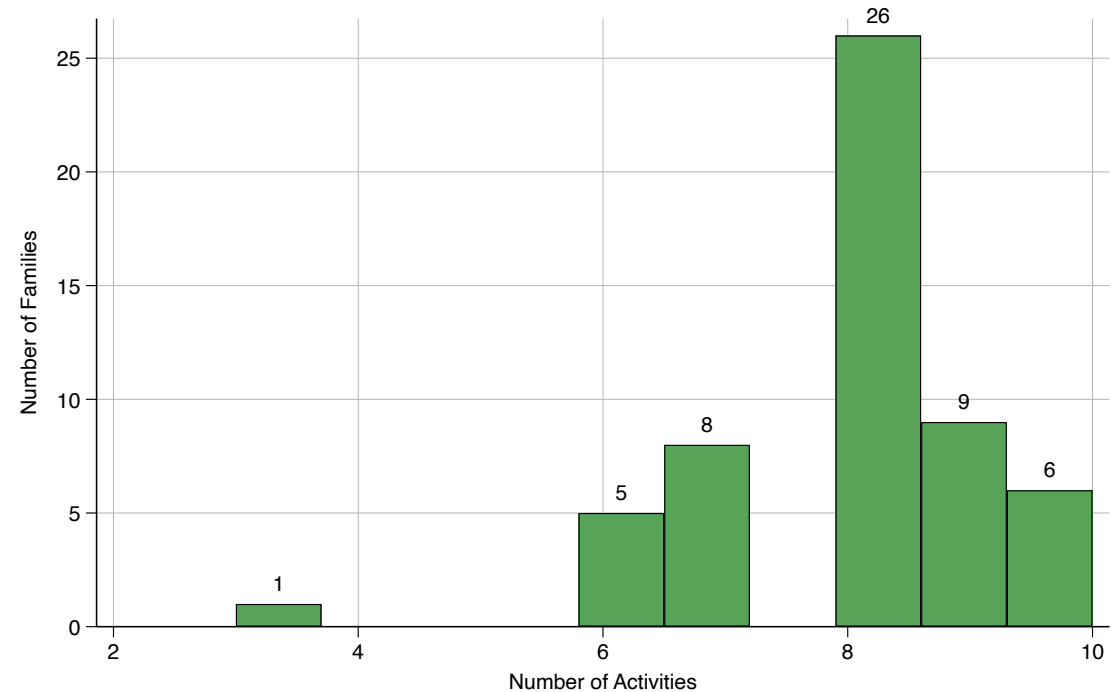
Control families interviewed in the spring are shown in the summer column due to small numbers.

# Variety of Activities with Children

YOBI Families Prior to YOBI (Spring 2022)

- Activities include reading; playing games and sports; watching educational tv; singing; arts and crafts; teaching words, letters, songs, music; visiting a playground, park, library; going to a movie

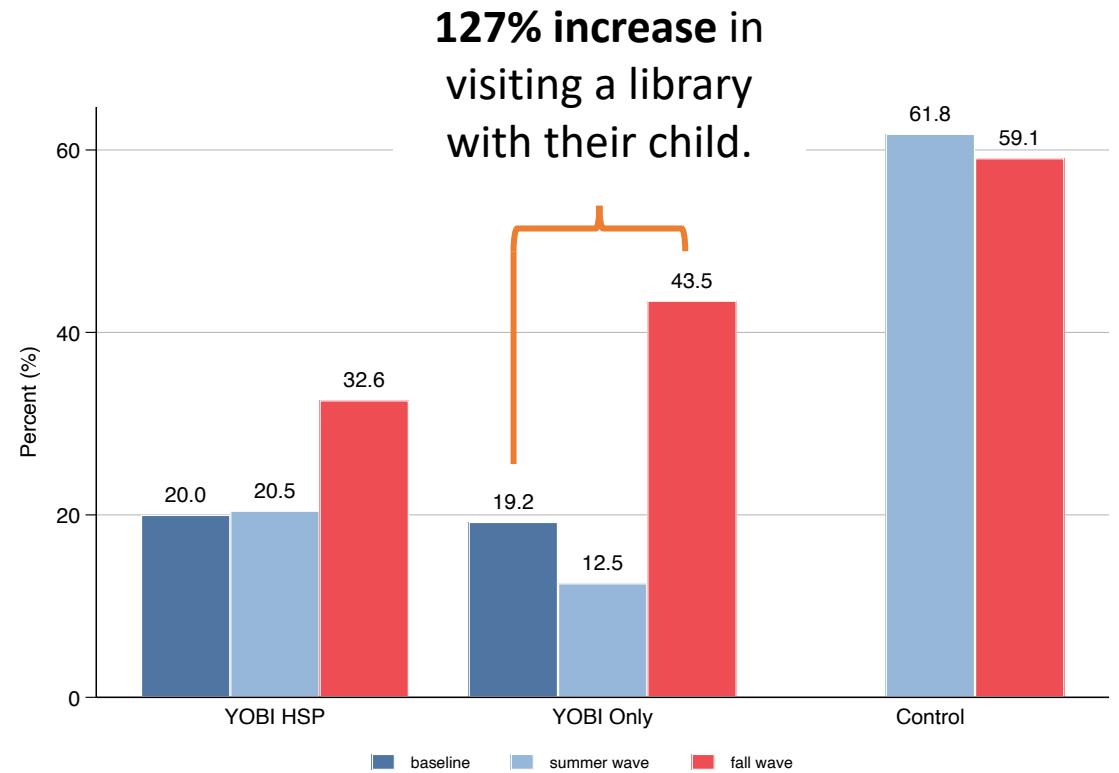
Number of Different Activities with Children in the Past Month



N=55

# Activities with Children

- YOBI-only families saw significant increases in the frequency of going to the library, a park or playground, and watching educational television shows with their children.
- YOBI+HSP families increased their frequency of going to a movie with their child.
- The total number of different activities completed with children did not change meaningfully.



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