

IOWA STATE UNIVERSITY

# Partnership for Food Safety Education Food Delivery Survey



September 21, 2020

# Outline

- Objectives
- Hypothesis
- Methodology
- Demographics
- Results
- Conclusions
- Next Steps

# Objectives

- Identify food handling practices of food delivery service users
- Develop food safety intervention for food delivery service users

# Hypothesis

- Development of food safety intervention targeted for food delivery service users will result in positive change in food handling practices in households

# Methodology

- Three delivery services were considered – Meal kit, grocery and prepared food delivery
- Survey questions were developed using validated survey questions (Byrd-Bredbenner, et al., 2010)
- Qualtrics XM was used for survey distribution
- Survey was fielded from July – September 2020

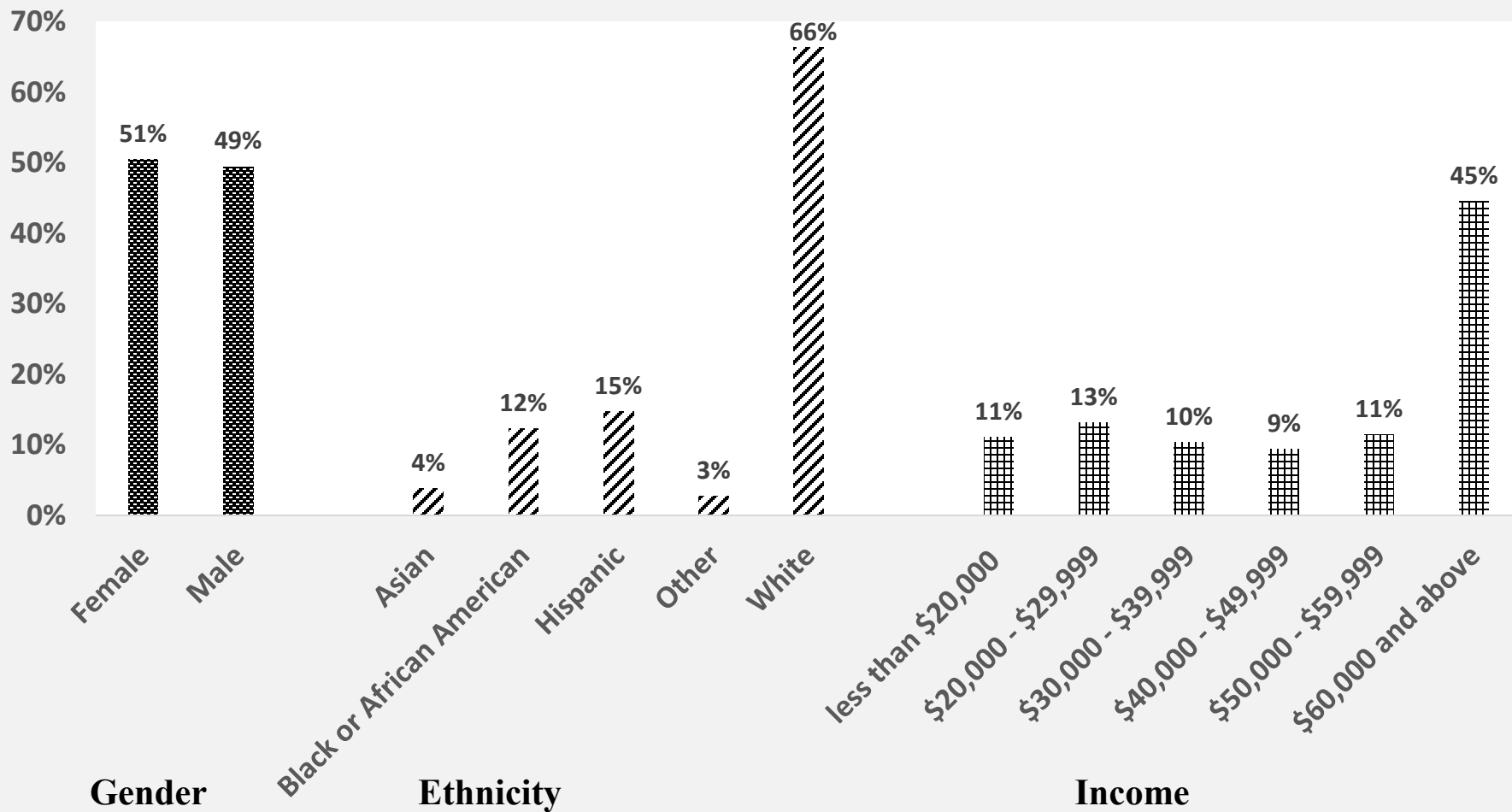
# Survey Questions

- What food delivery service have you used?
- How often do you use food delivery service?
- How do you handle food after delivery?
- How do you handle perishable food items?
- Do you wash your hands before handling food?
- Do you sanitize your food packaging?
- Demographic questions



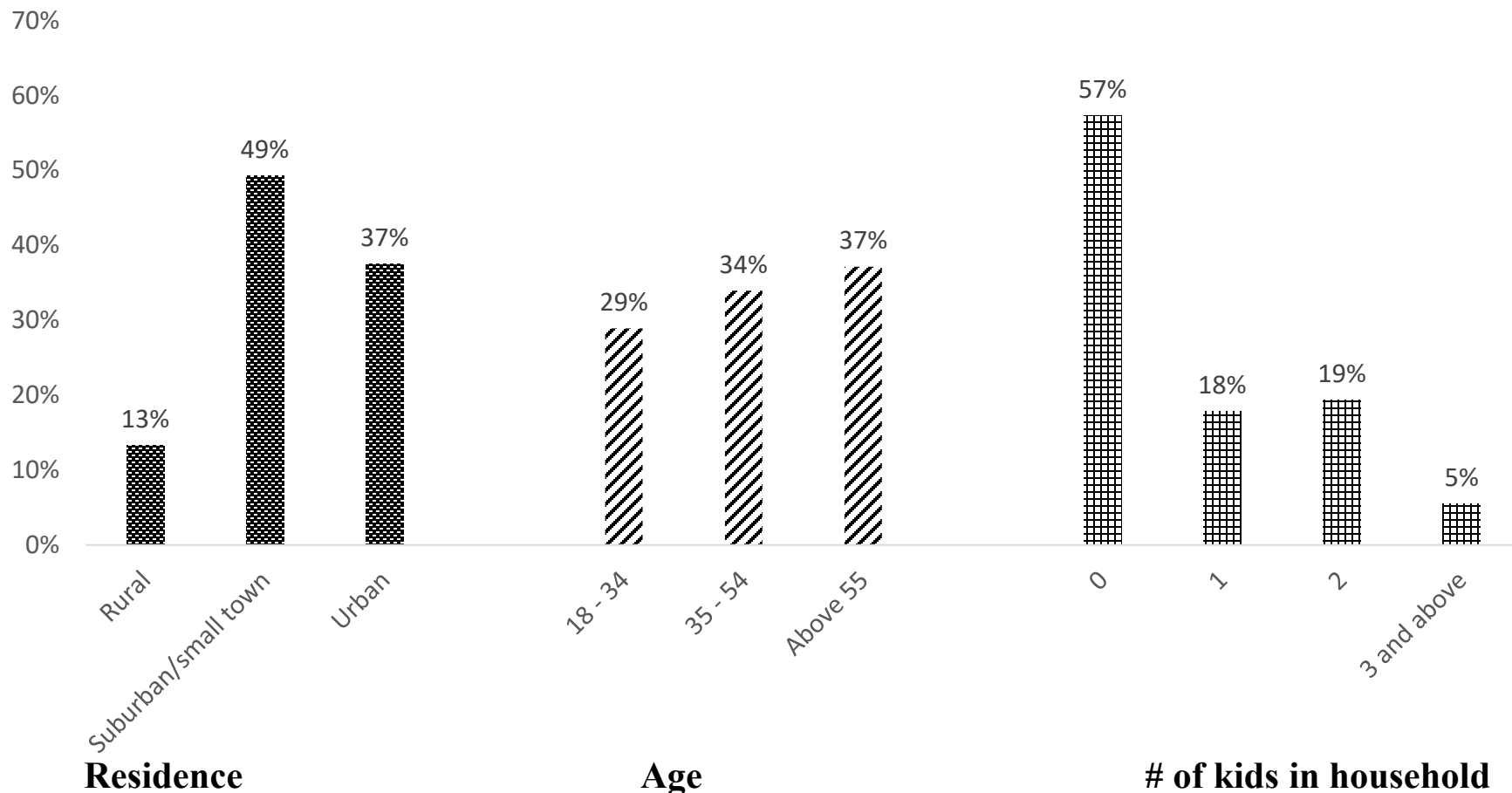
# DEMOGRAPHICS

# Gender, Ethnicity and Income of food delivery service users (n= 657)

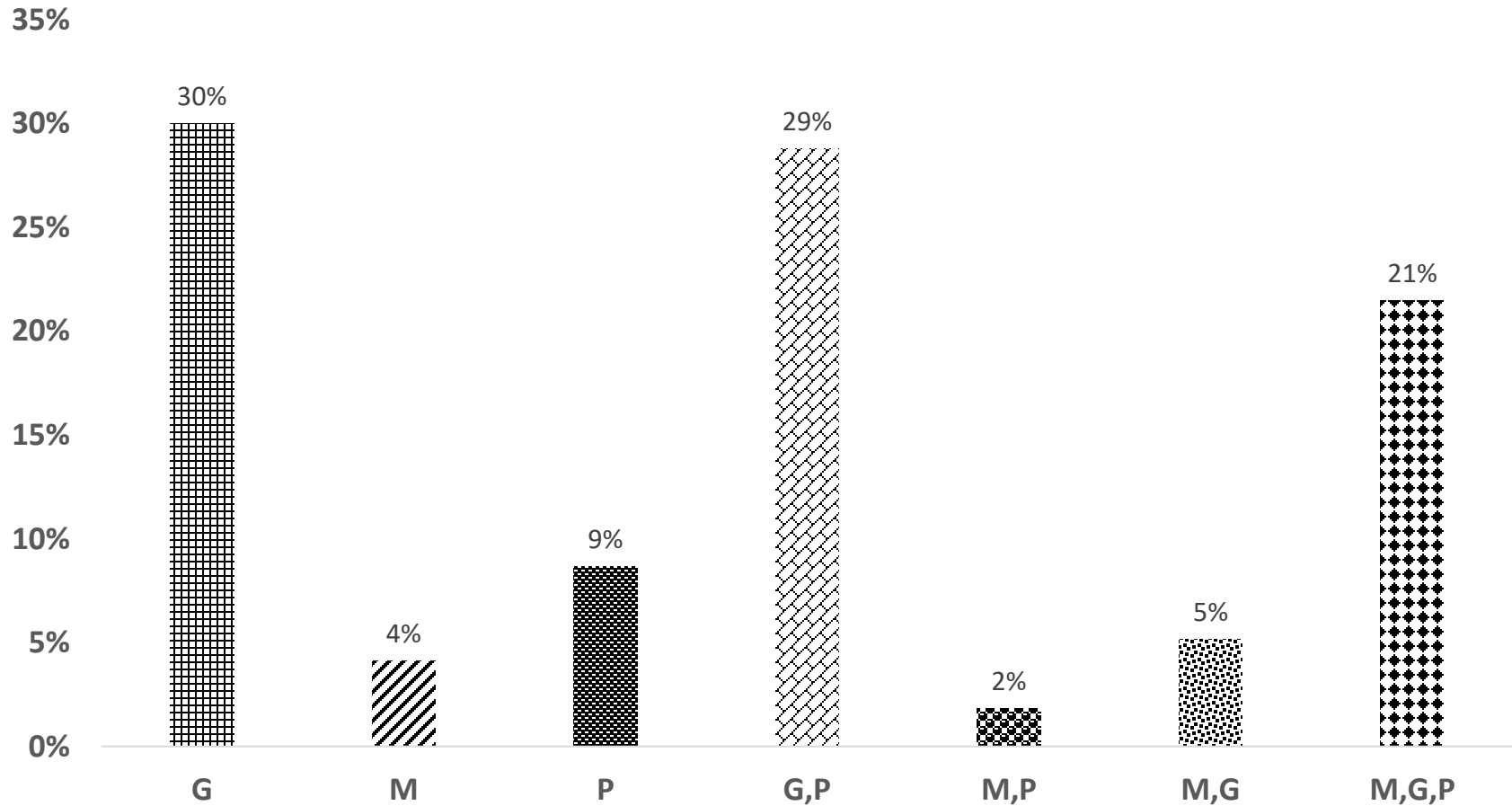




# Residence, Age and # of kids in households of food delivery service users (n= 657)

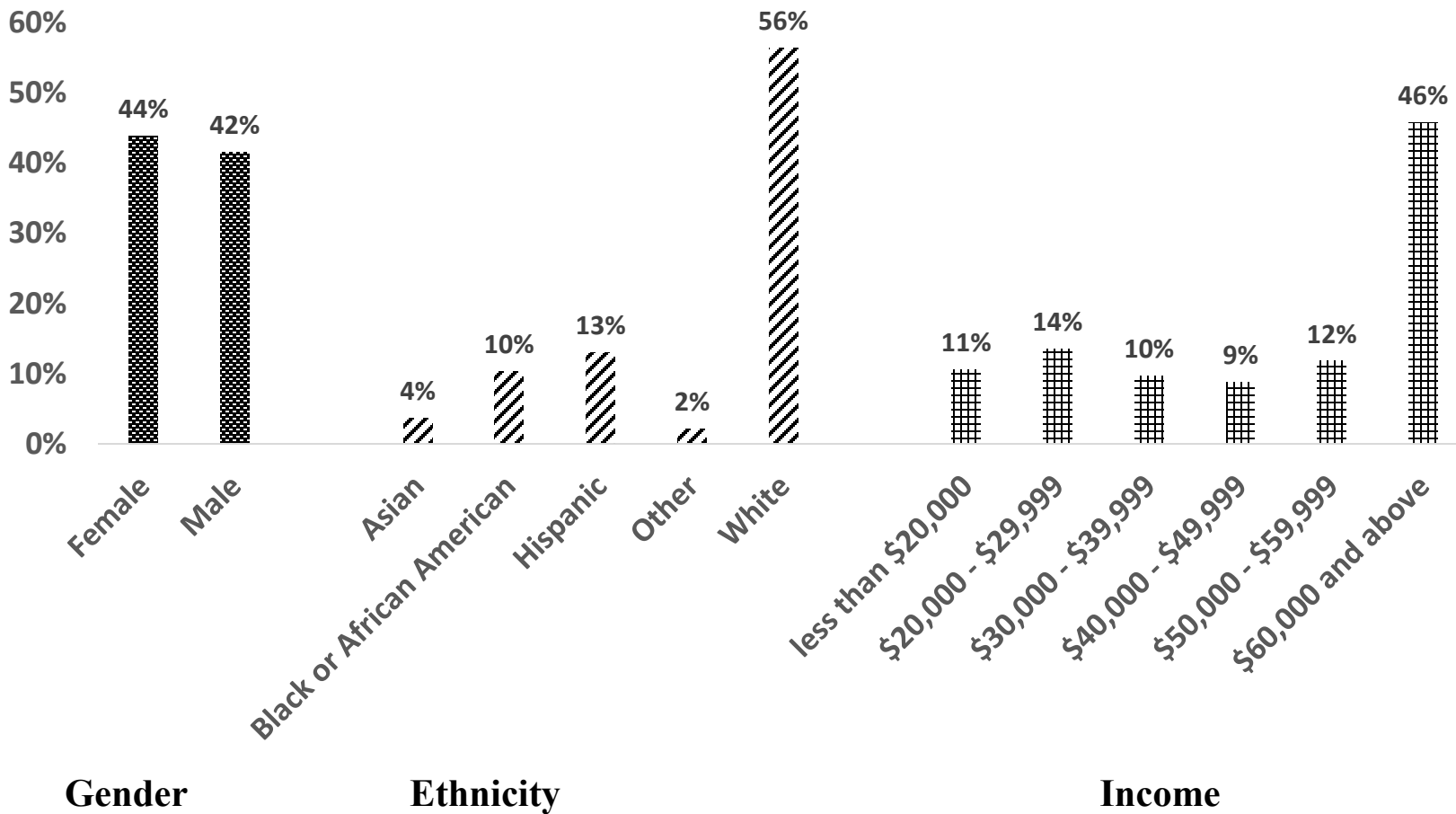


# Responders' Distribution across all Delivery Services (n = 657)

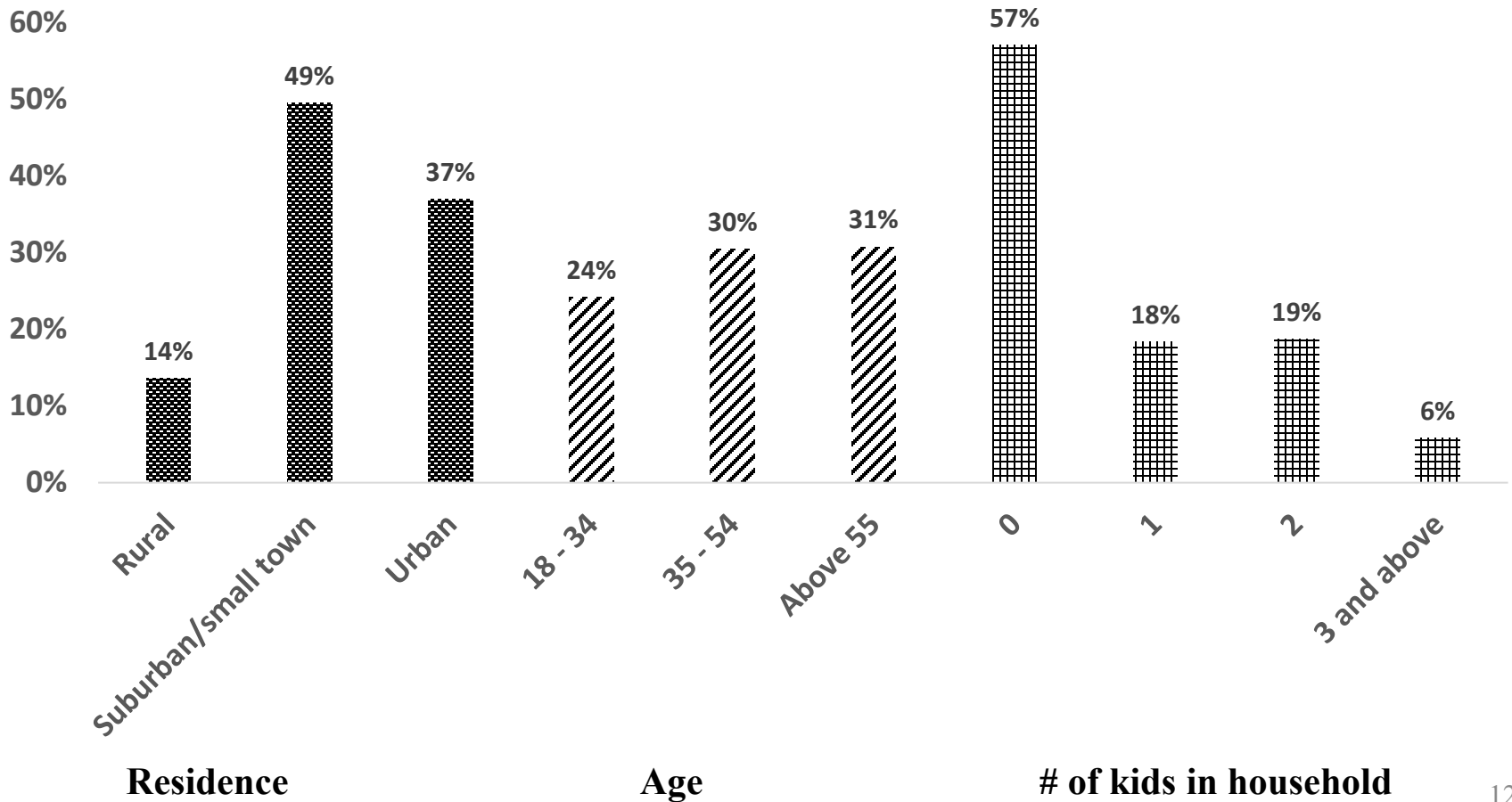


G – Grocery delivery, P – Prepared food delivery, M – Meal kit delivery

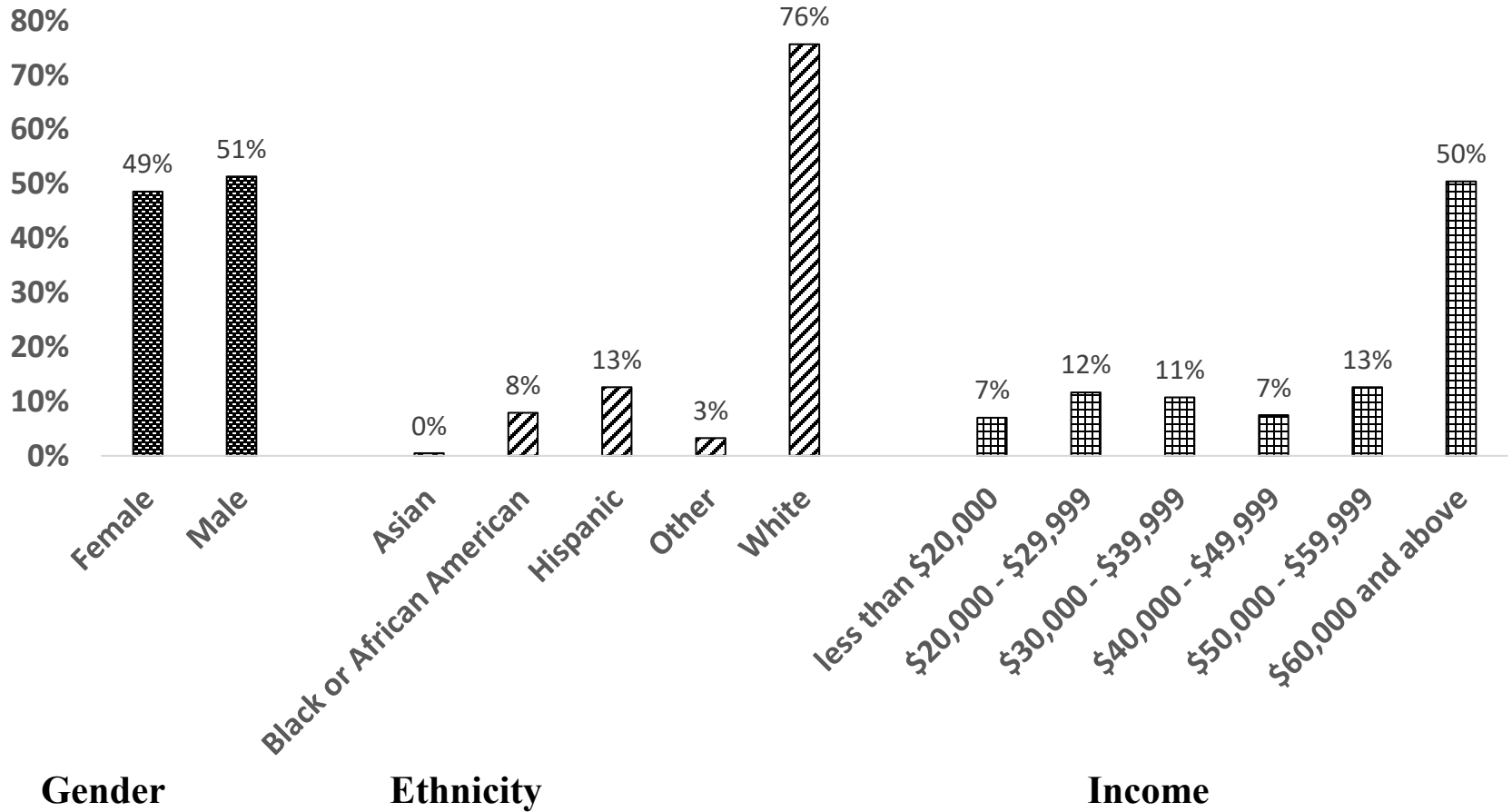
# Gender, Ethnicity and Income of Grocery delivery service users (n= 516)



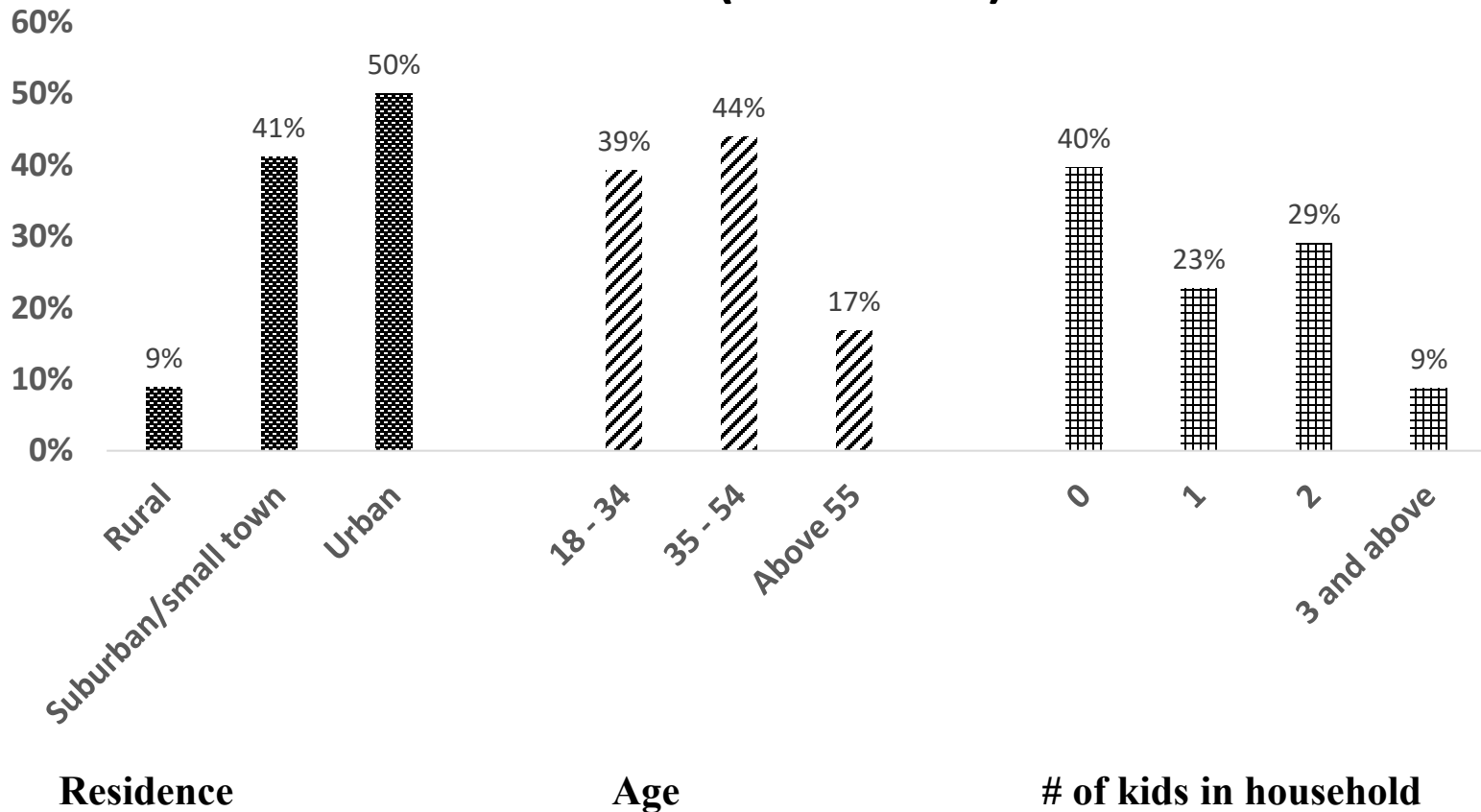
# Residence, Age and # of kids in households of Grocery delivery service users (n= 516)



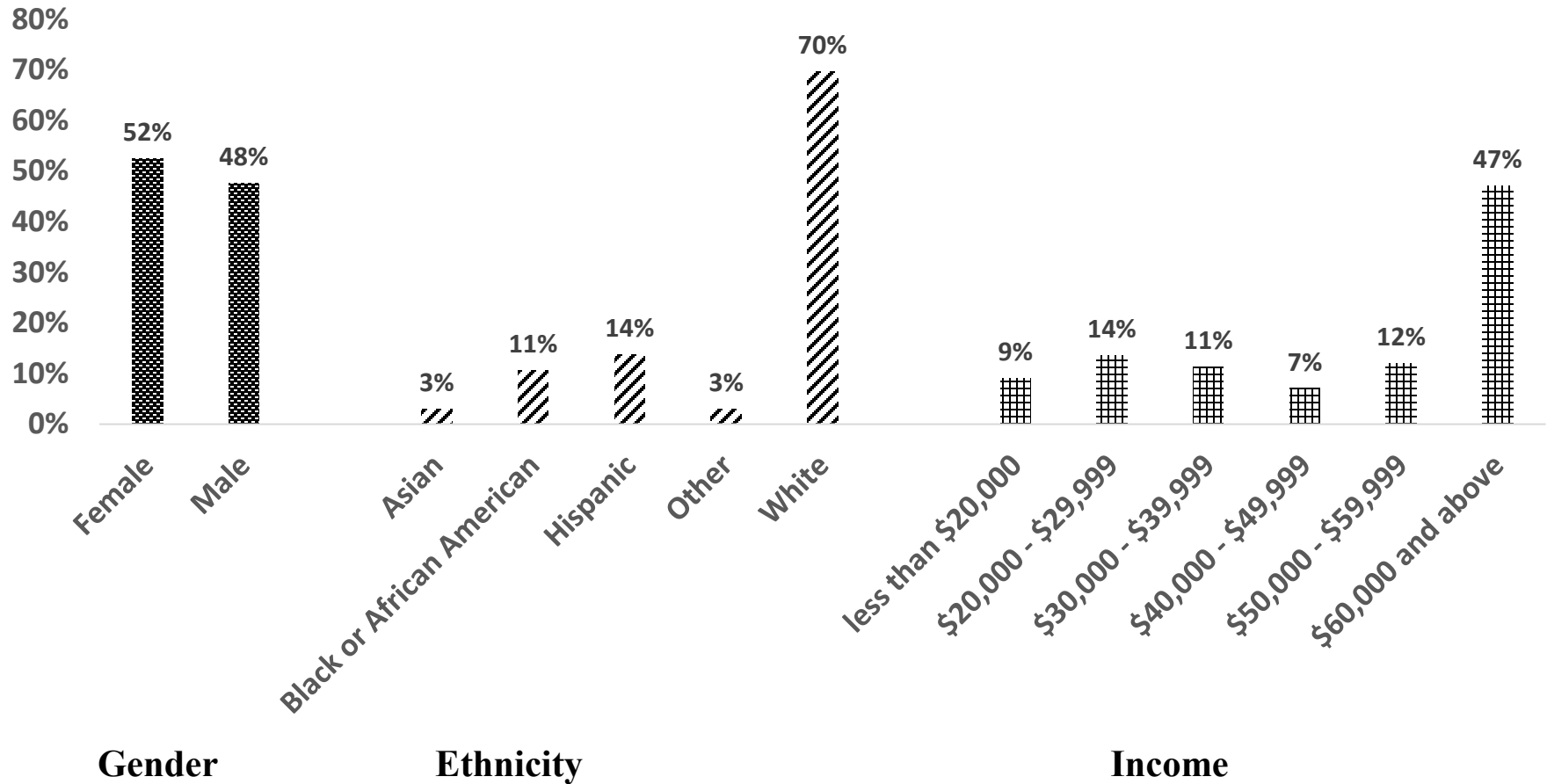
# Gender, Ethnicity and Income of Meal Kit Delivery Service Users (n= 214)



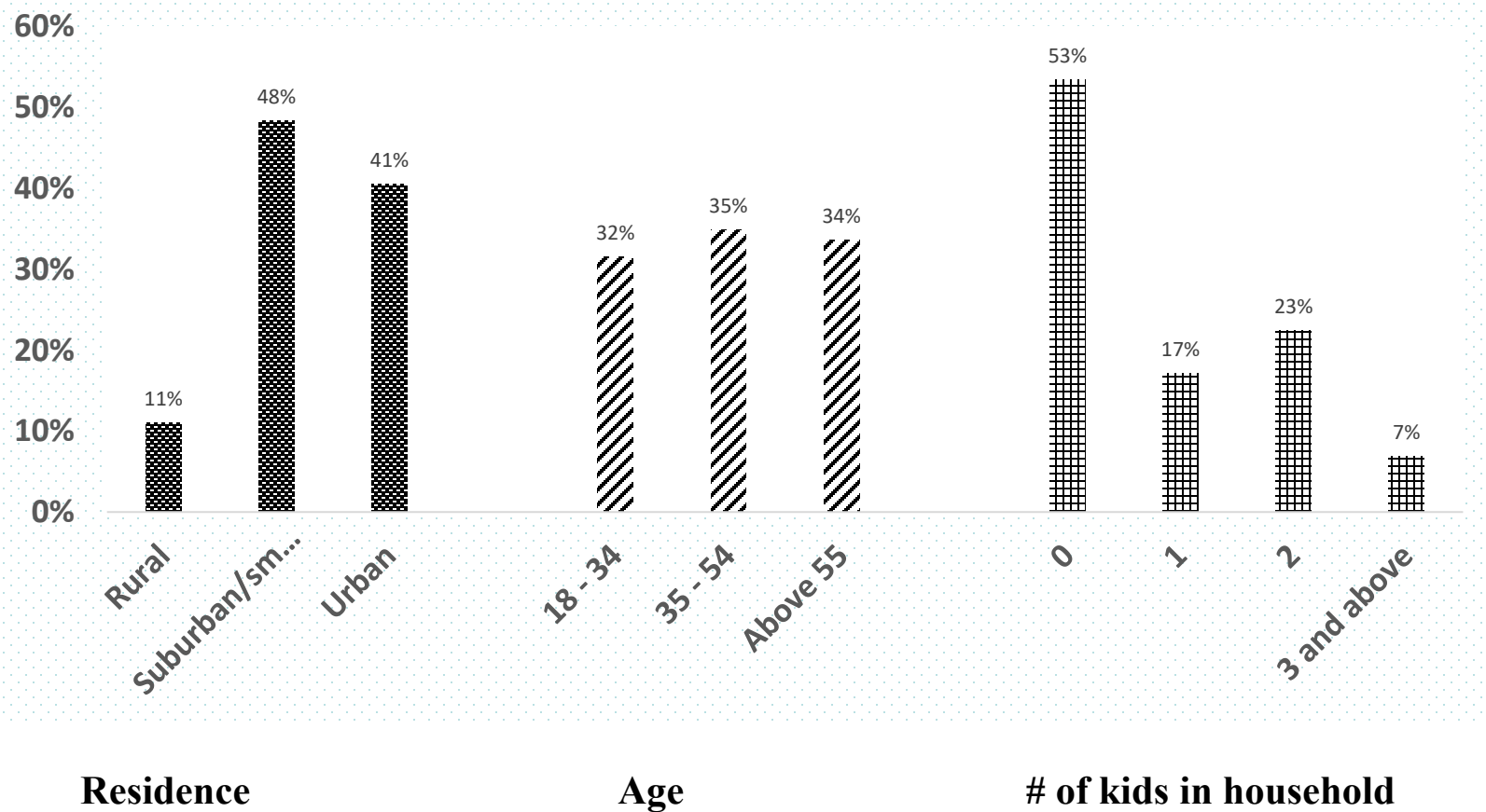
# Residence, Age and # of kids in households of Meal Kit Delivery Service Users (n= 214)



# Gender, Ethnicity and Income of Prepared Food Delivery Service Users (n=399)

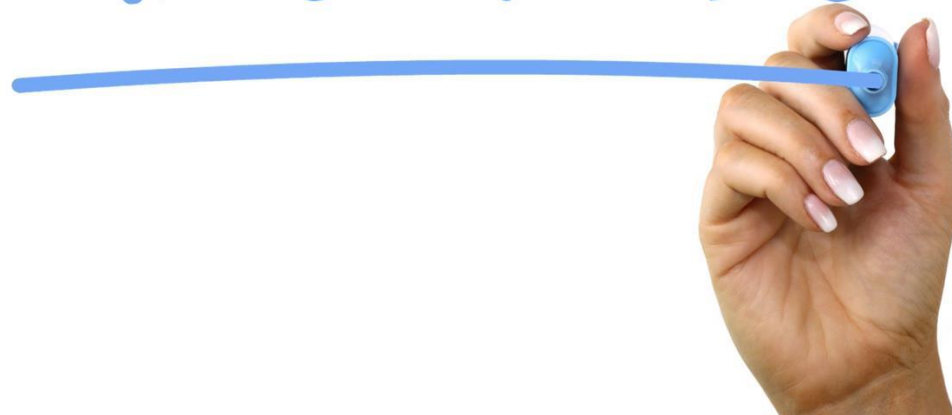


# Residence, Age and # of kids in households of Prepared Food Delivery Service Users (n= 399)



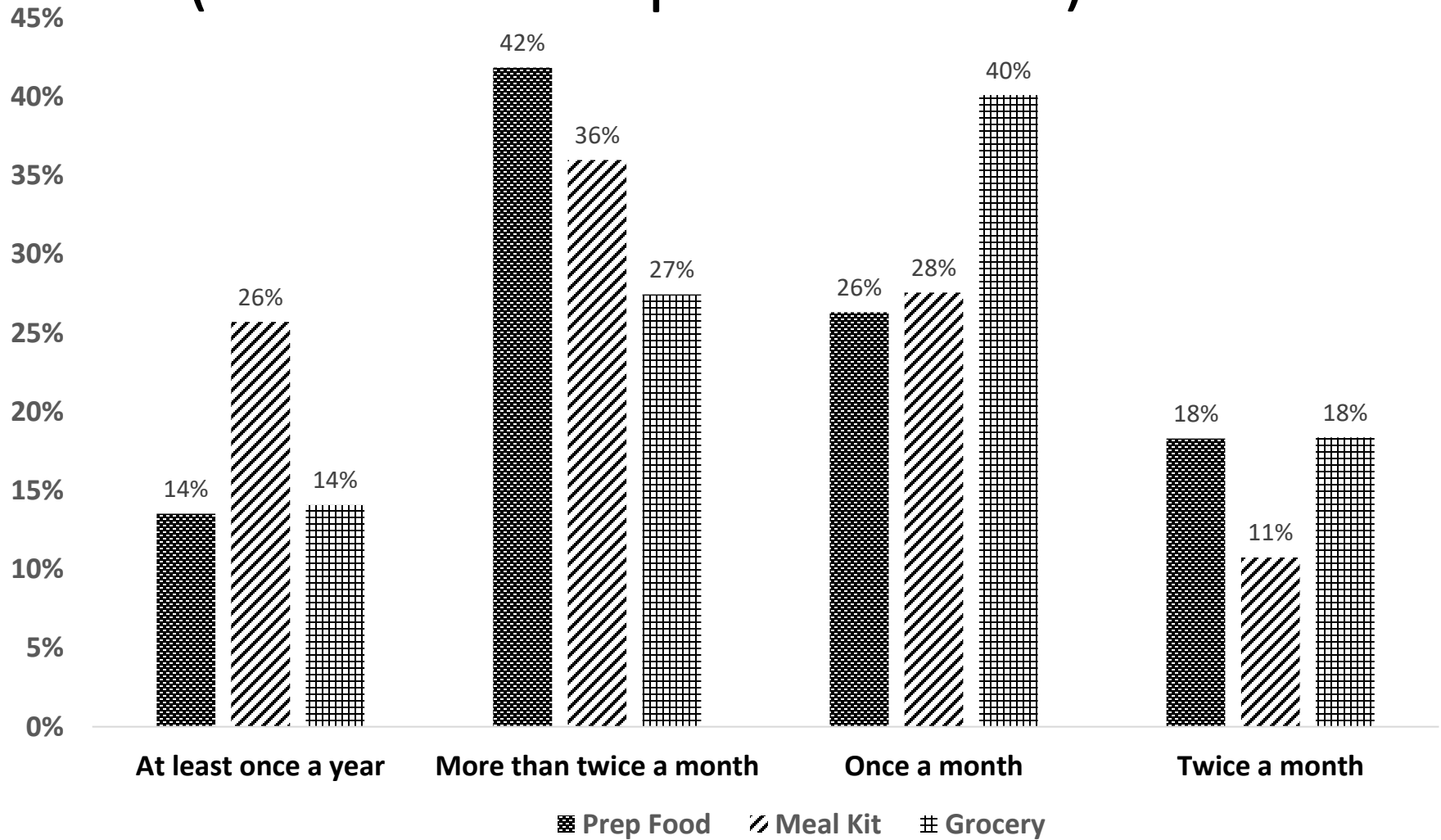


# RESULTS

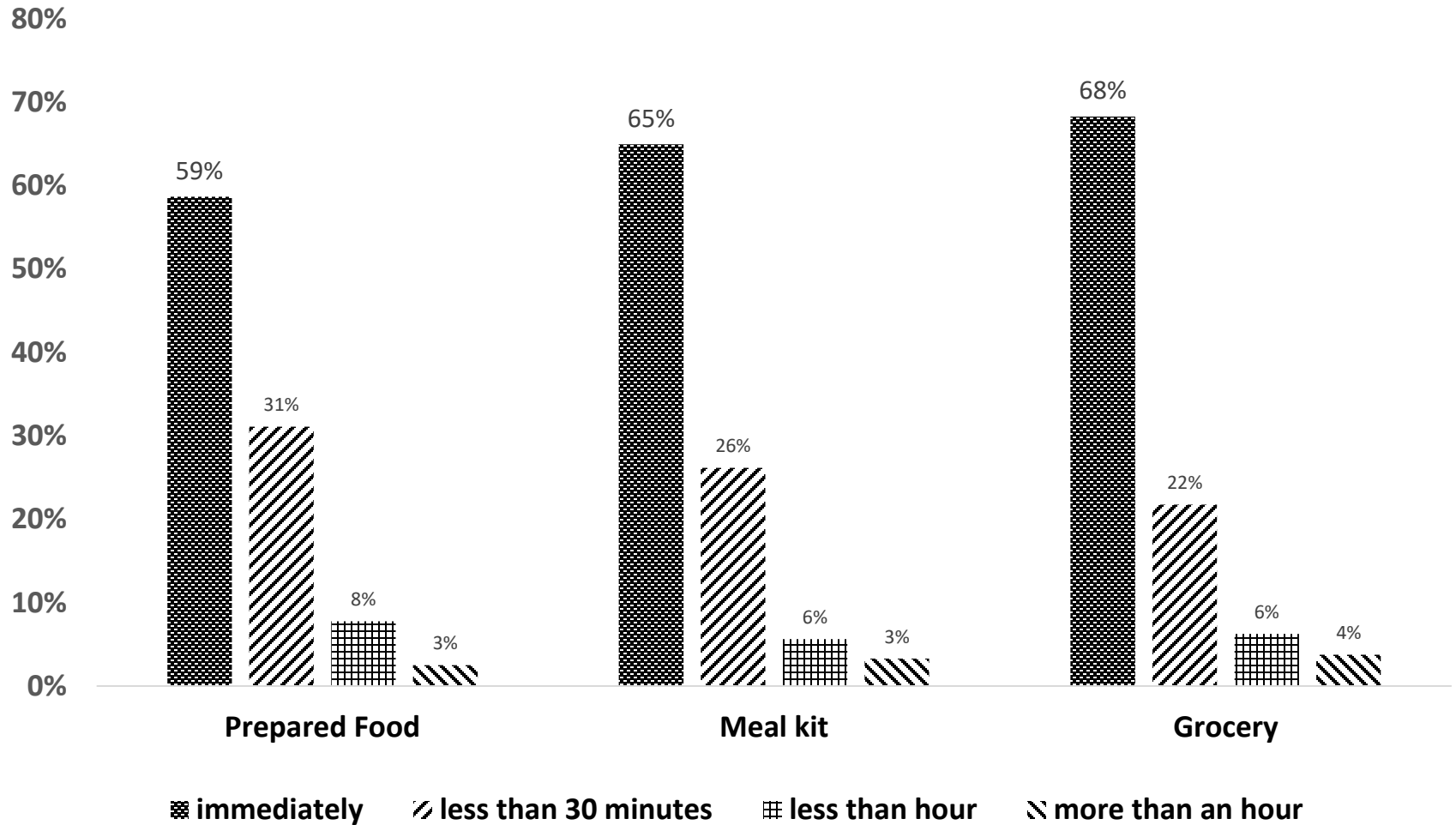


## **SURVEY RESULTS**

# Delivery Service – Use Frequency (number of response = 1174)

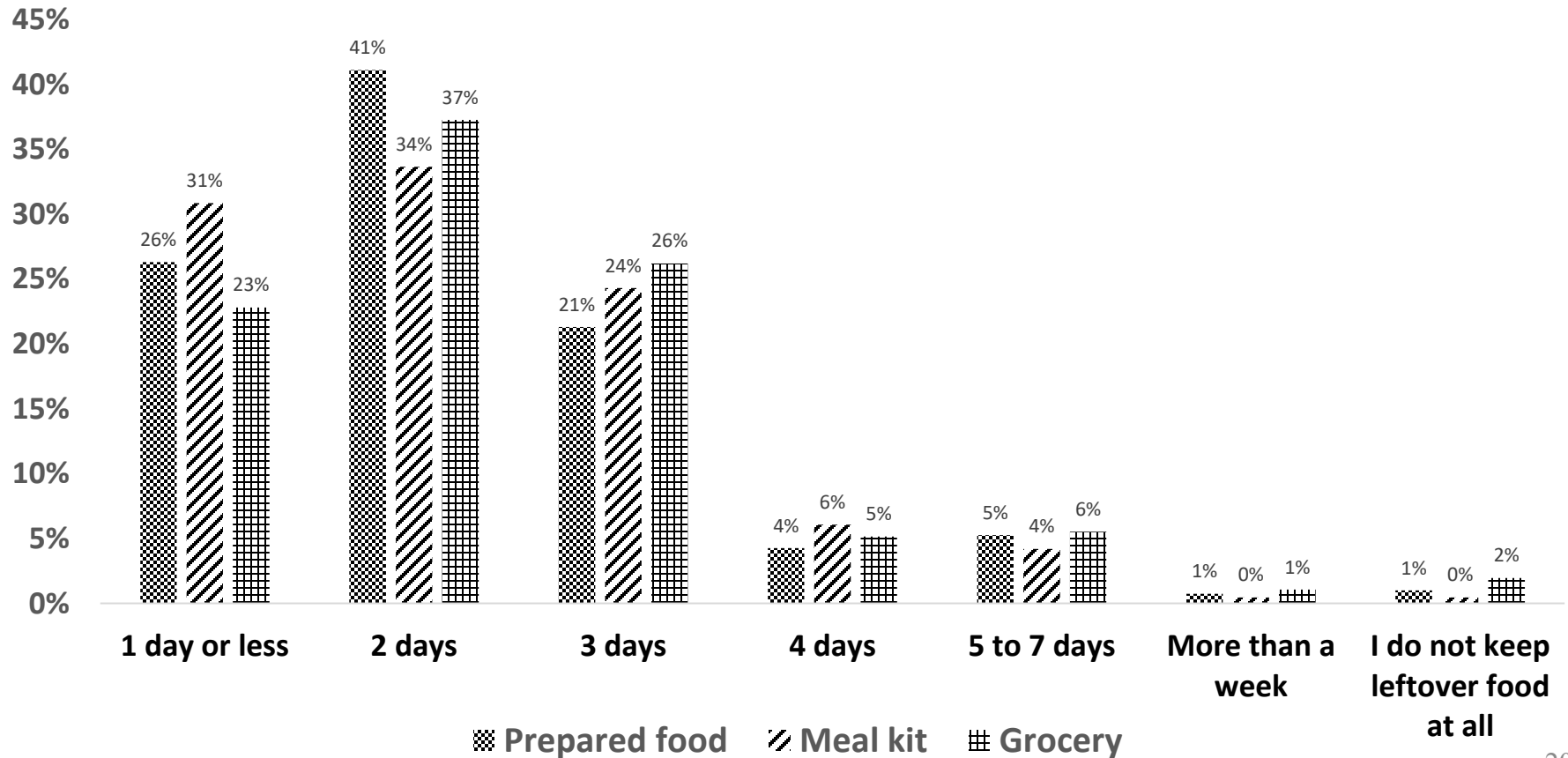


# How long do you wait to put perishable items away? (number of response = 1174)

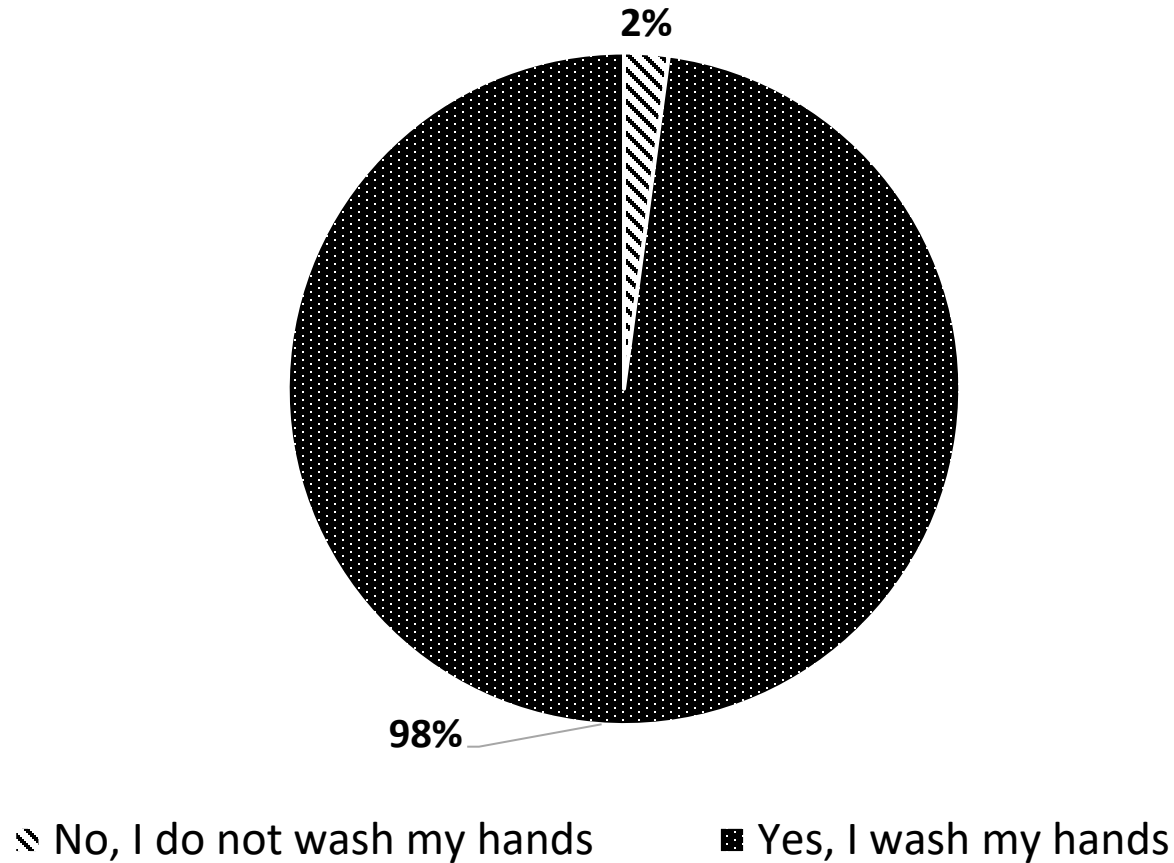


# How long do you usually keep leftover food and then eat it?

(number of response = 1174)



# Do you wash your hands before handling food? (n = 657)



# How do you wash your hands? (n = 643)

