

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

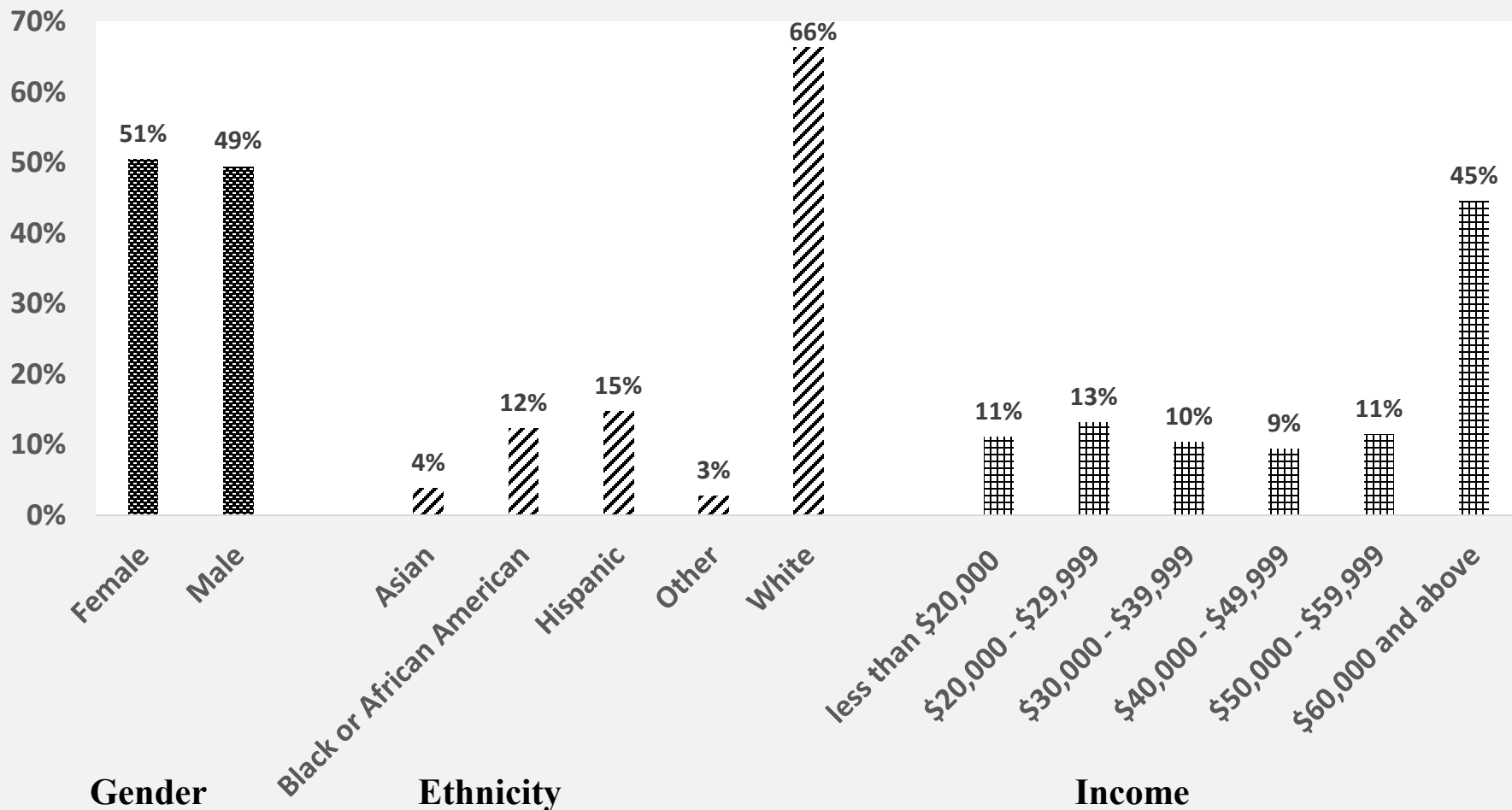
Survey Questions

- 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

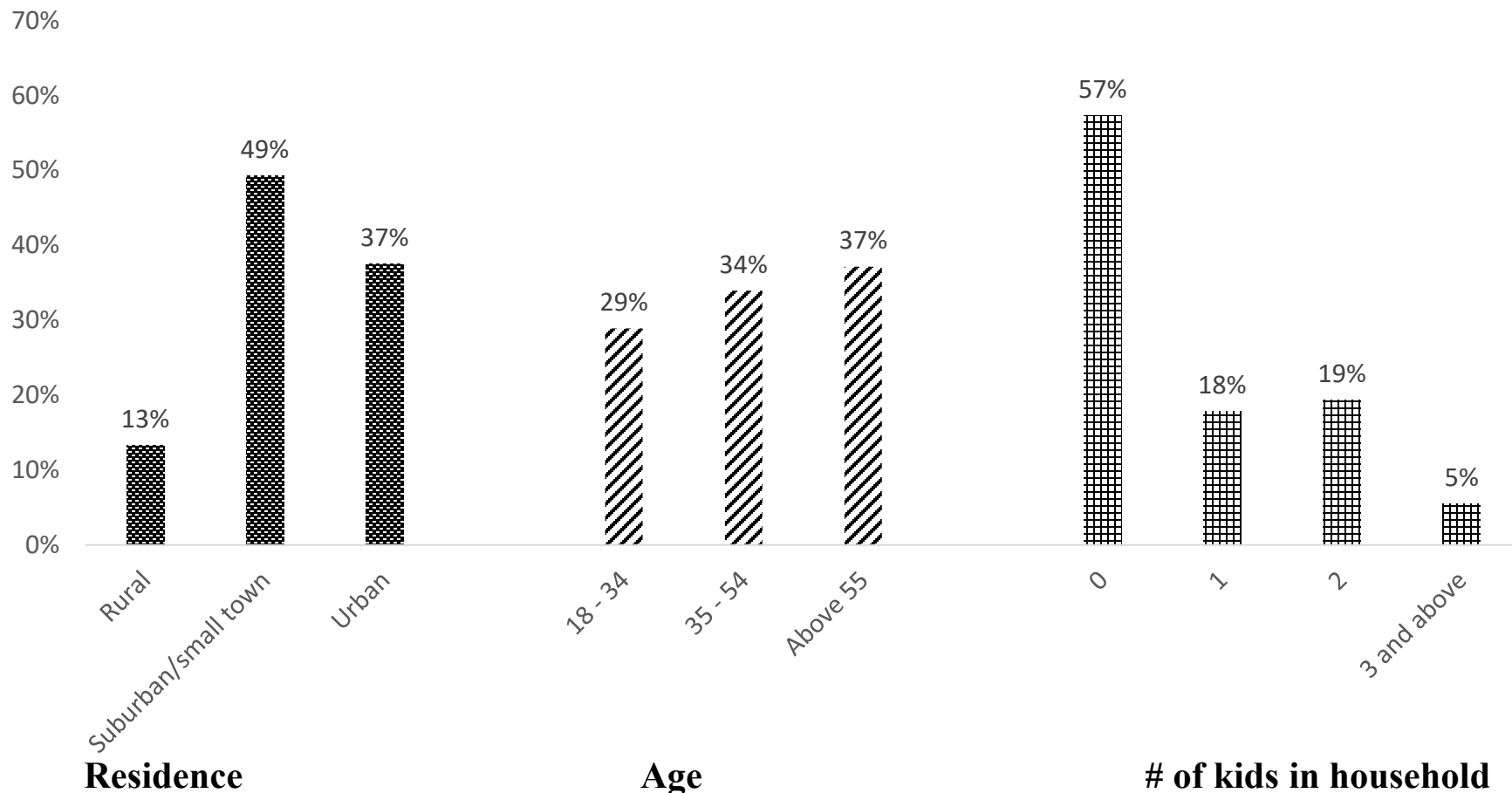


DEMOGRAPHICS

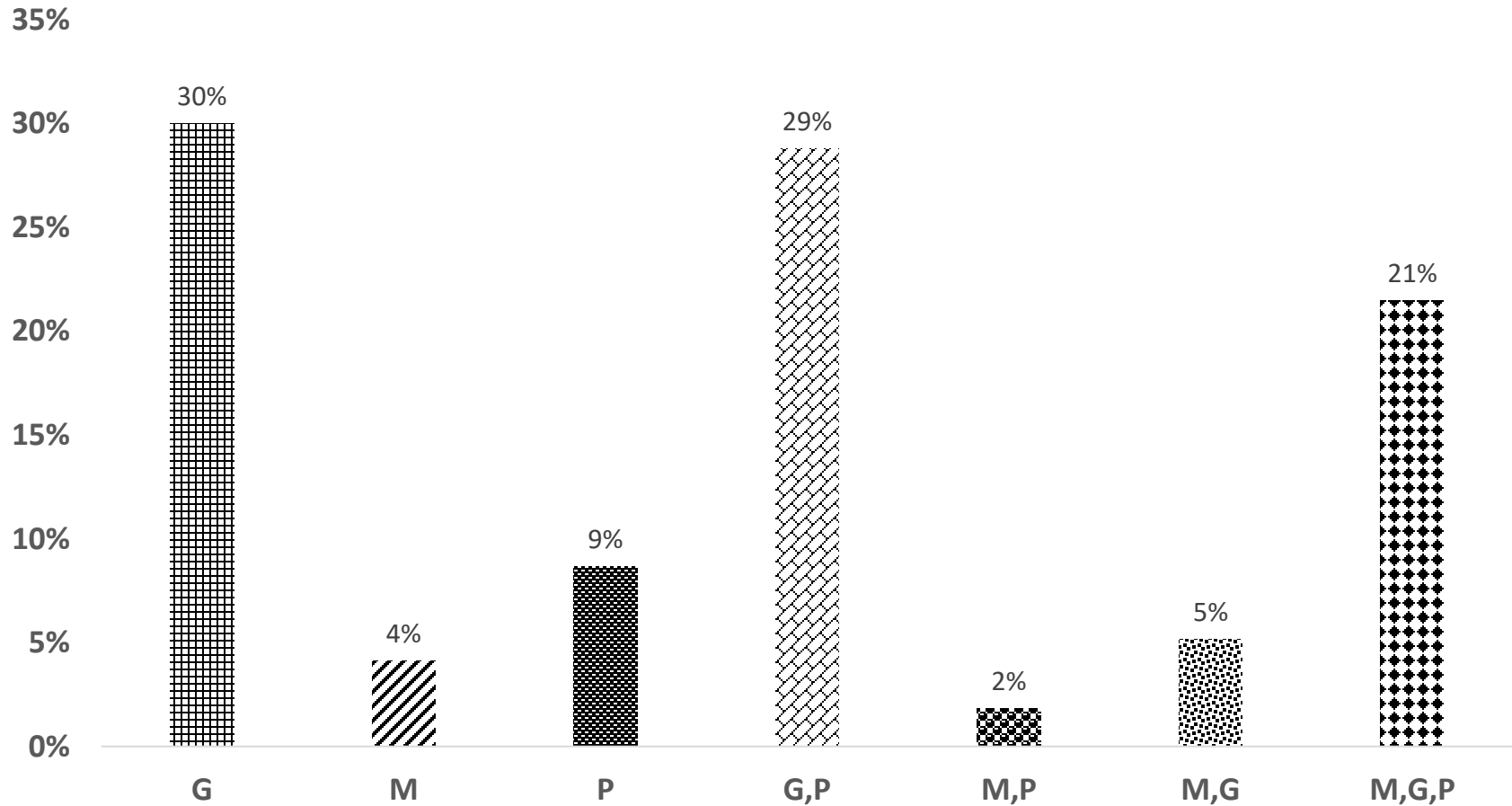
Gender, Ethnicity and Income of food delivery service users (n= 657)



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

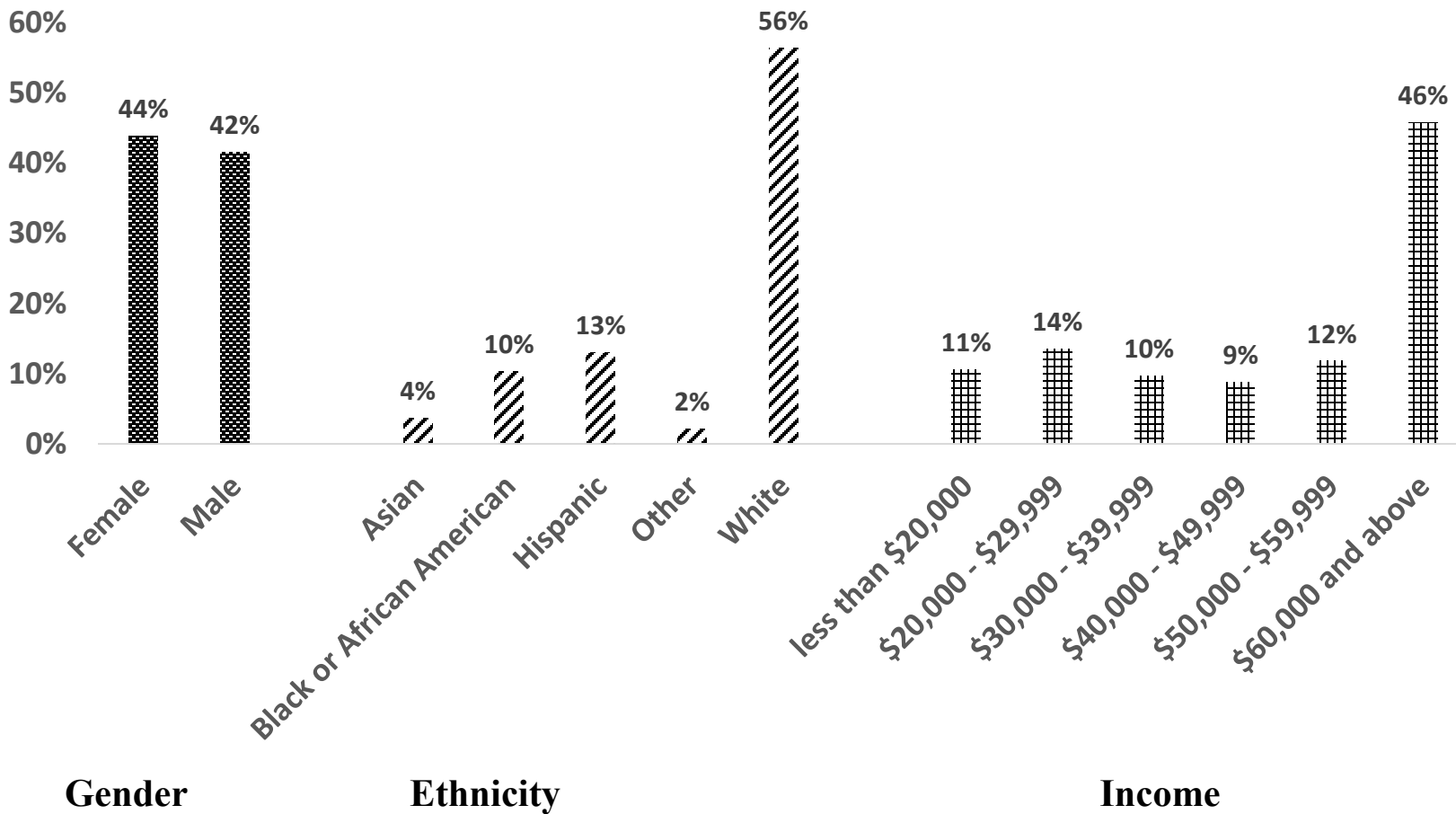


Responders' Distribution across all Delivery Services (n = 657)

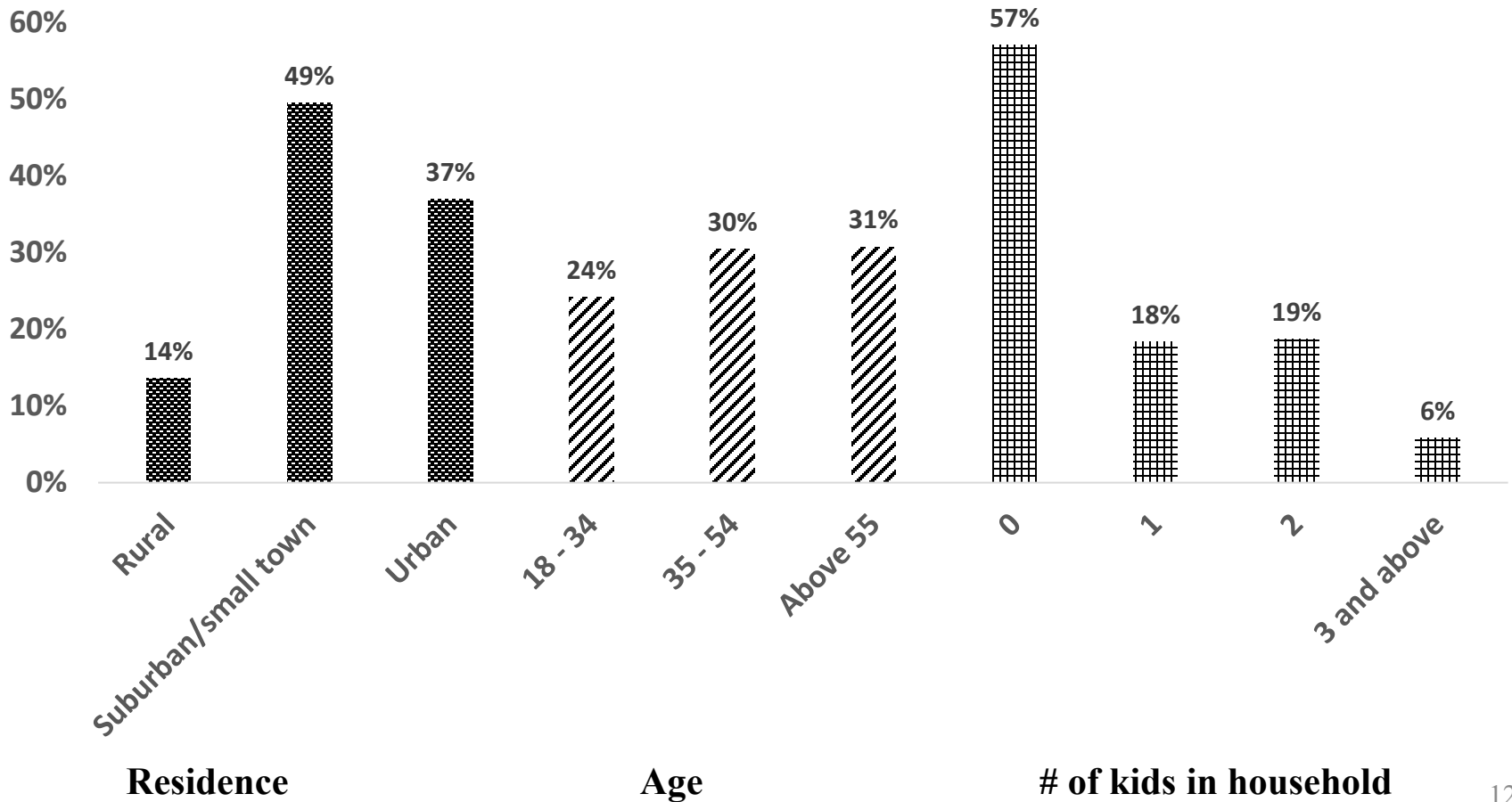


G – Grocery delivery, P – Prepared food delivery, M – Meal kit delivery

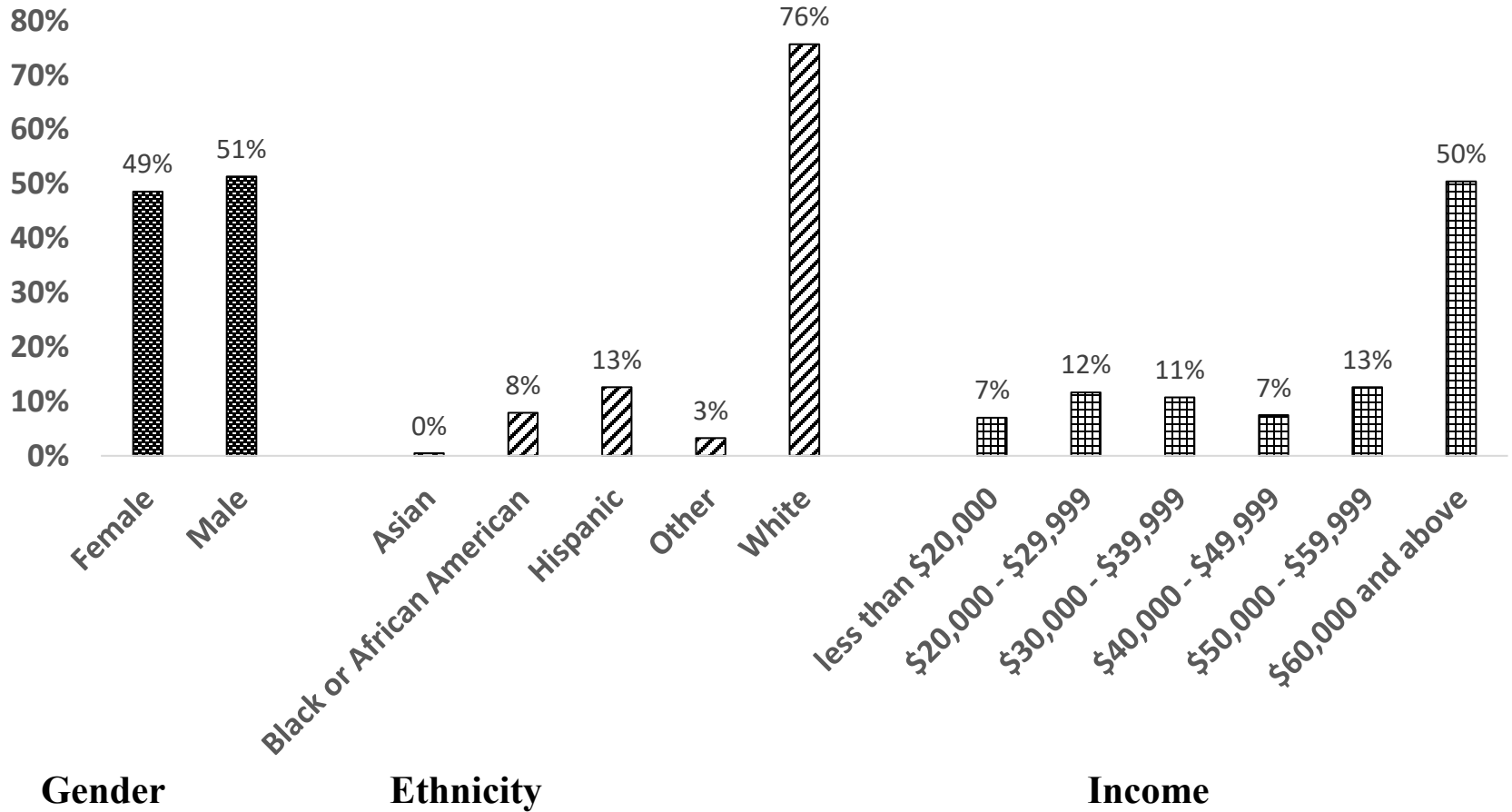
Gender, Ethnicity and Income of Grocery delivery service users (n= 516)



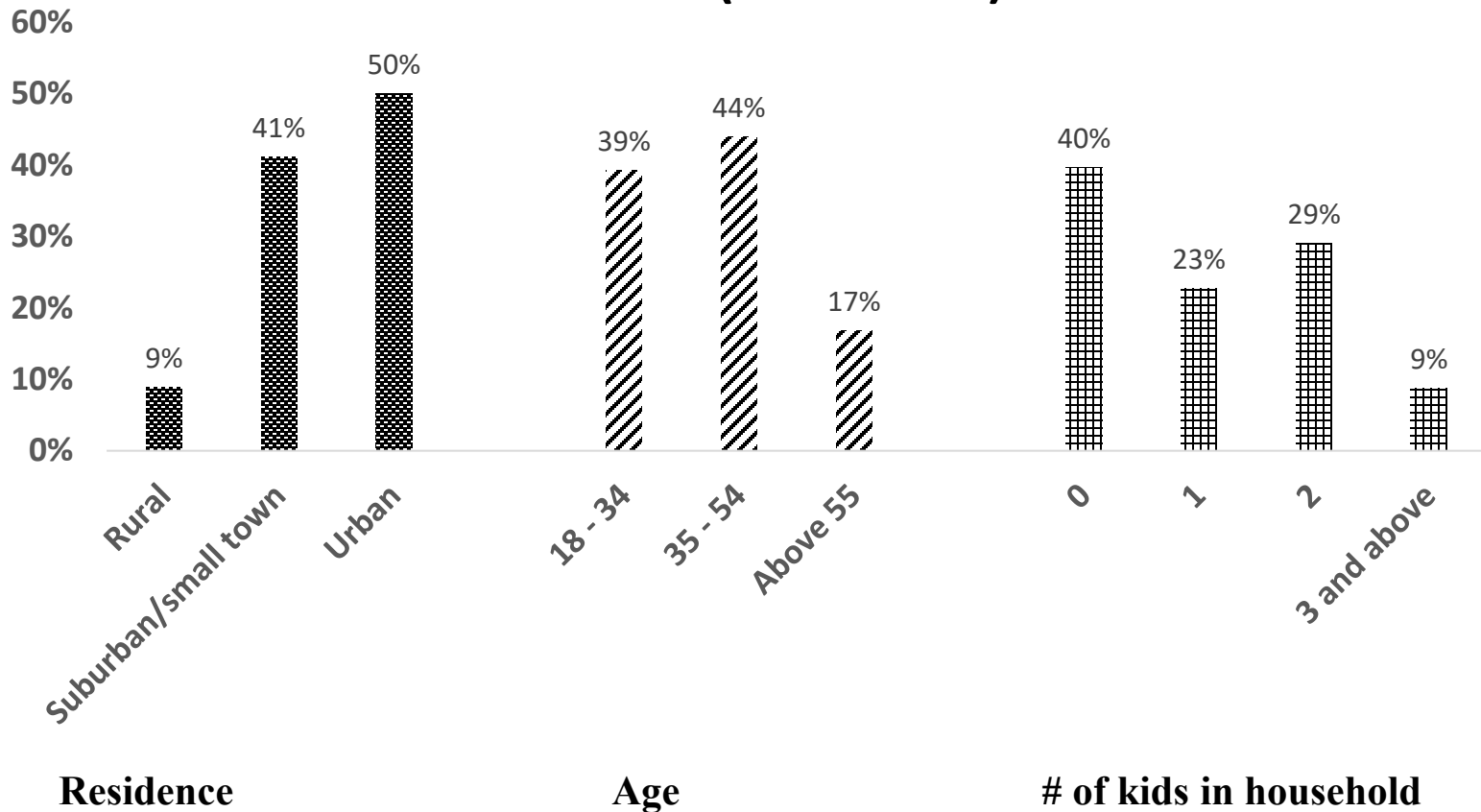
Residence, Age and # of kids in households of Grocery delivery service users (n= 516)



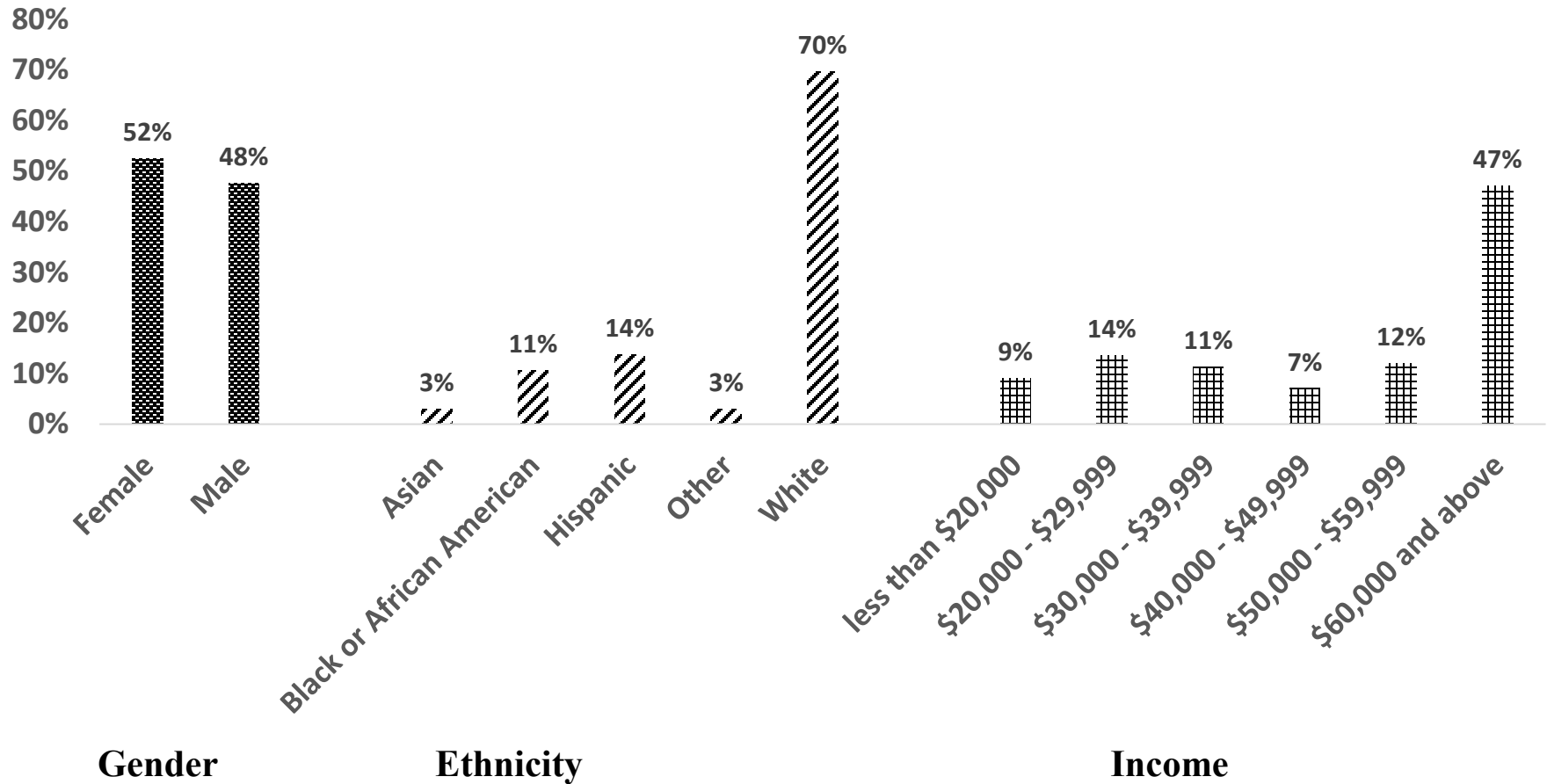
Gender, Ethnicity and Income of Meal Kit Delivery Service Users (n= 214)



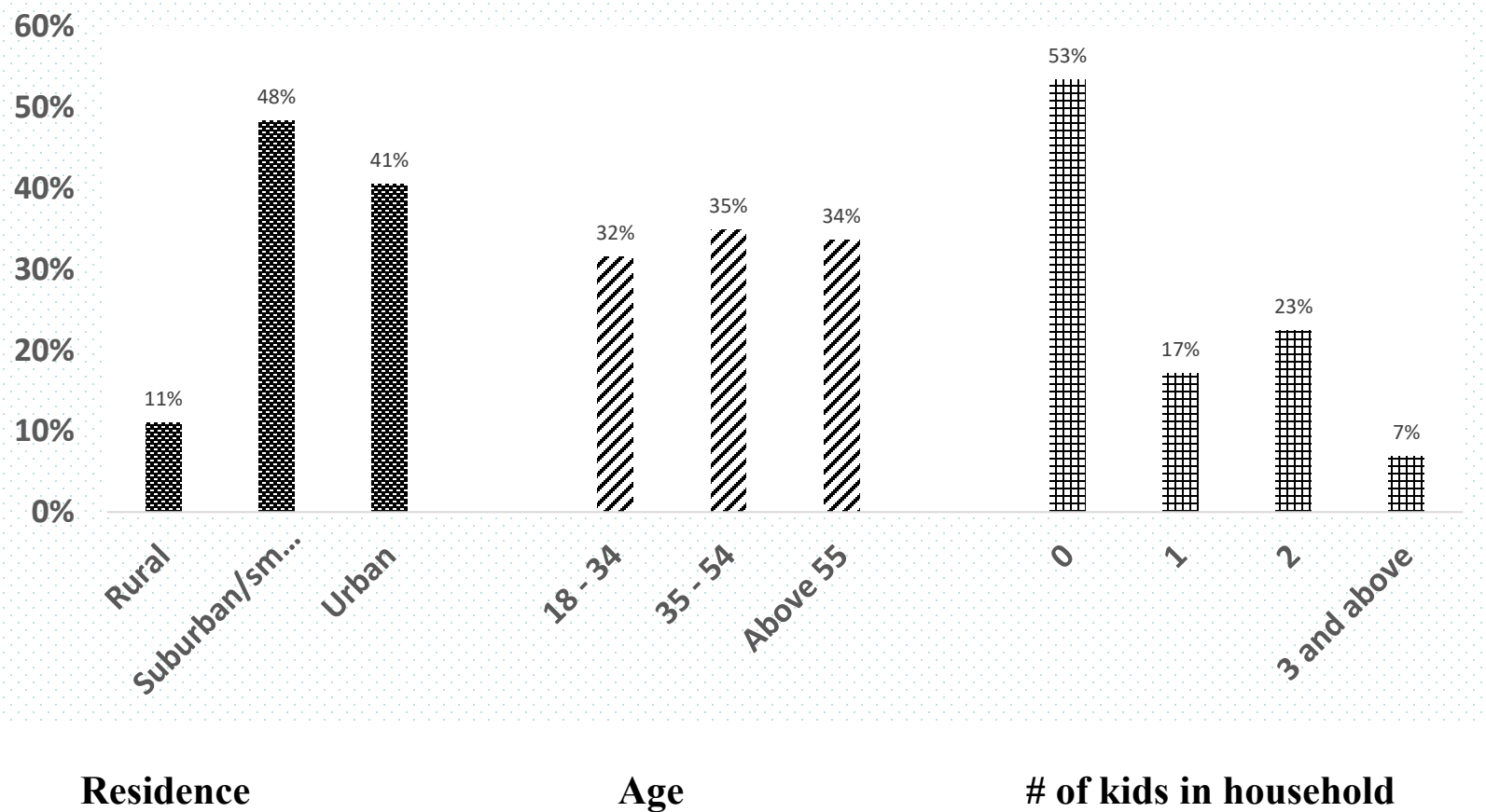
Residence, Age and # of kids in households of Meal Kit Delivery Service Users (n= 214)



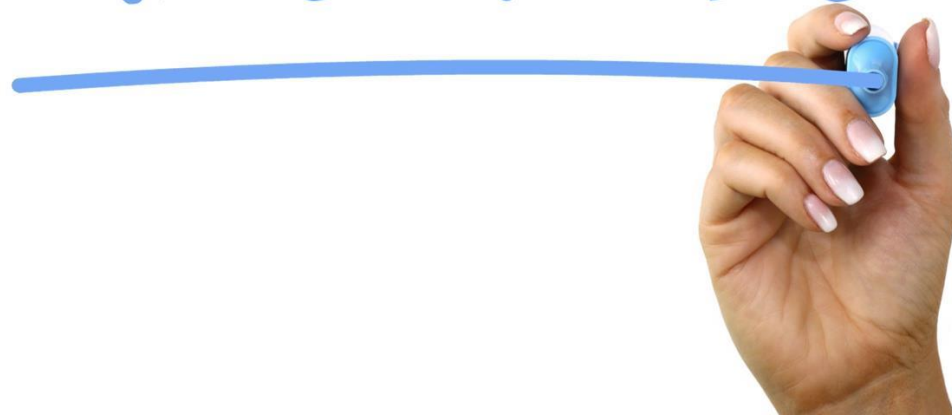
Gender, Ethnicity and Income of Prepared Food Delivery Service Users (n= 399)



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

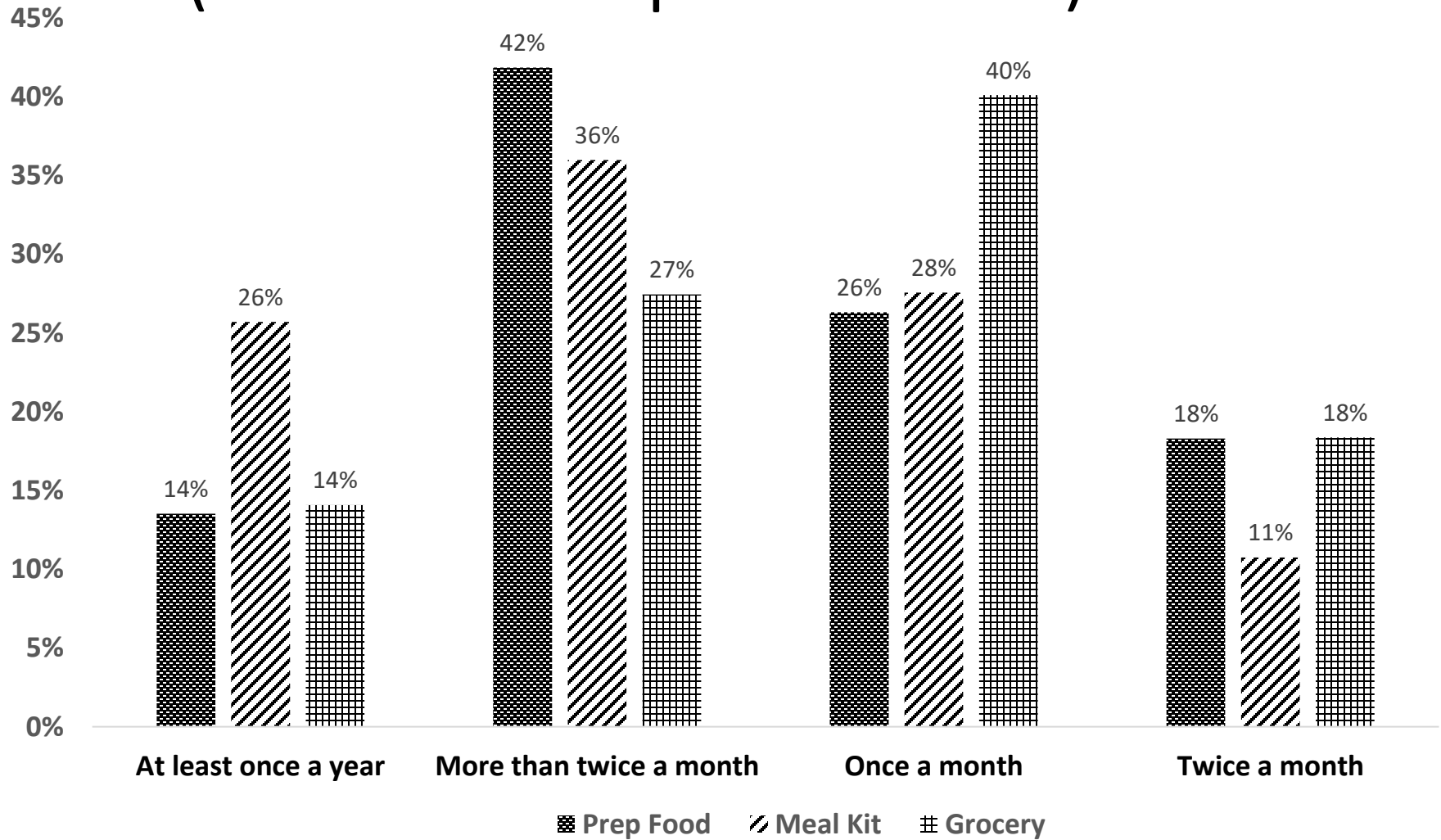


RESULTS

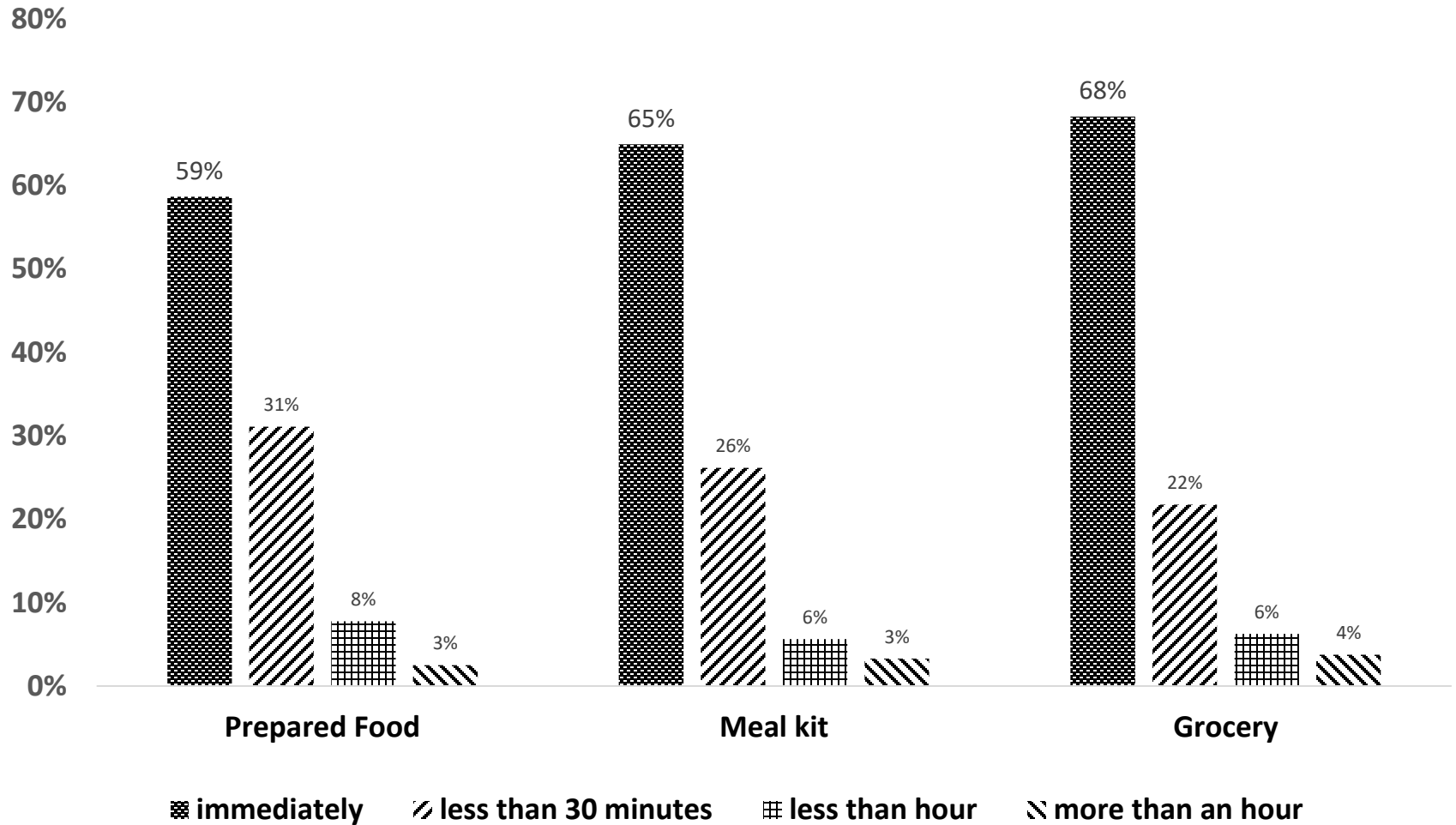


SURVEY RESULTS

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

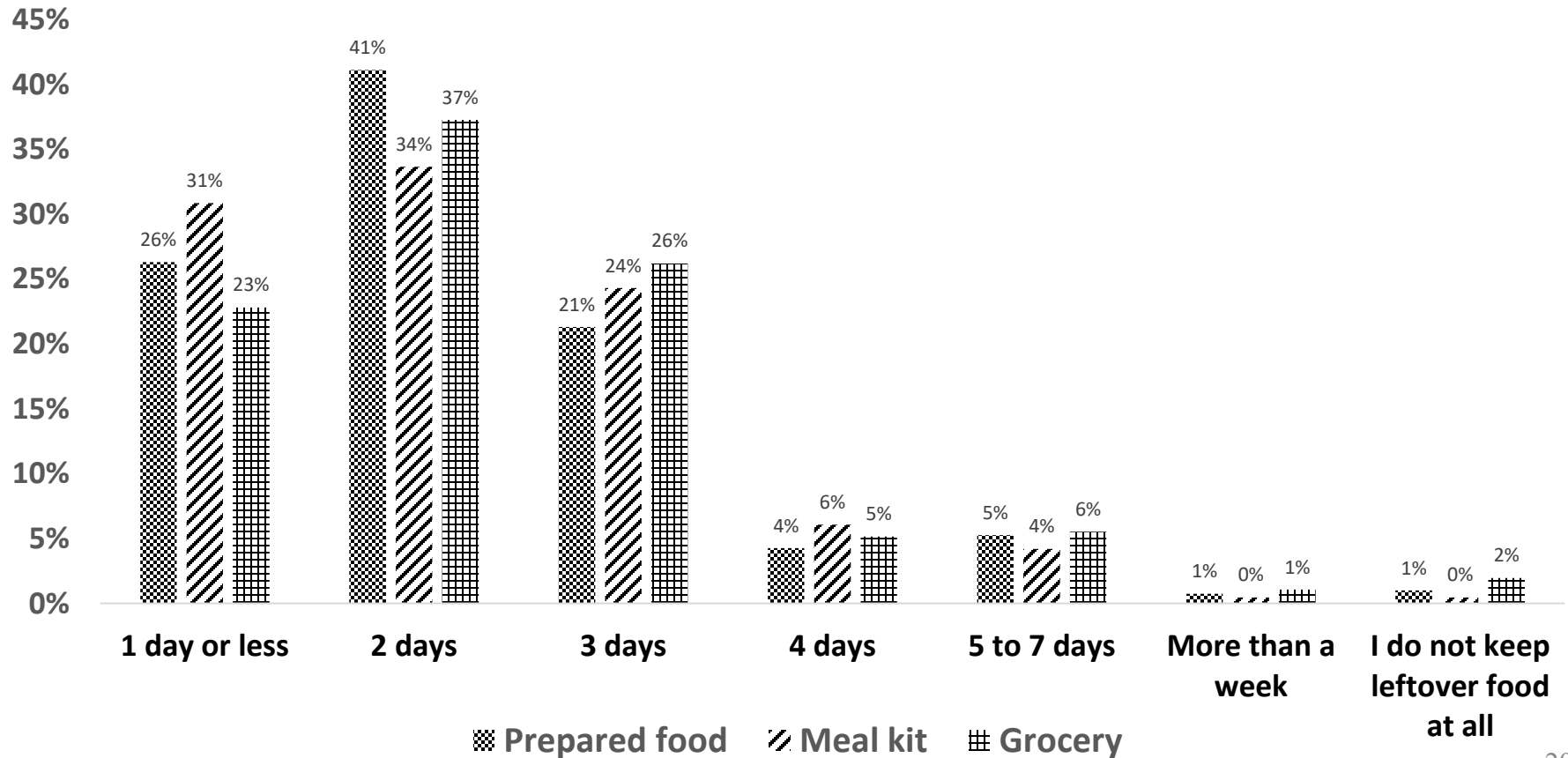


How long do you wait to put perishable items away? (number of response = 1174)

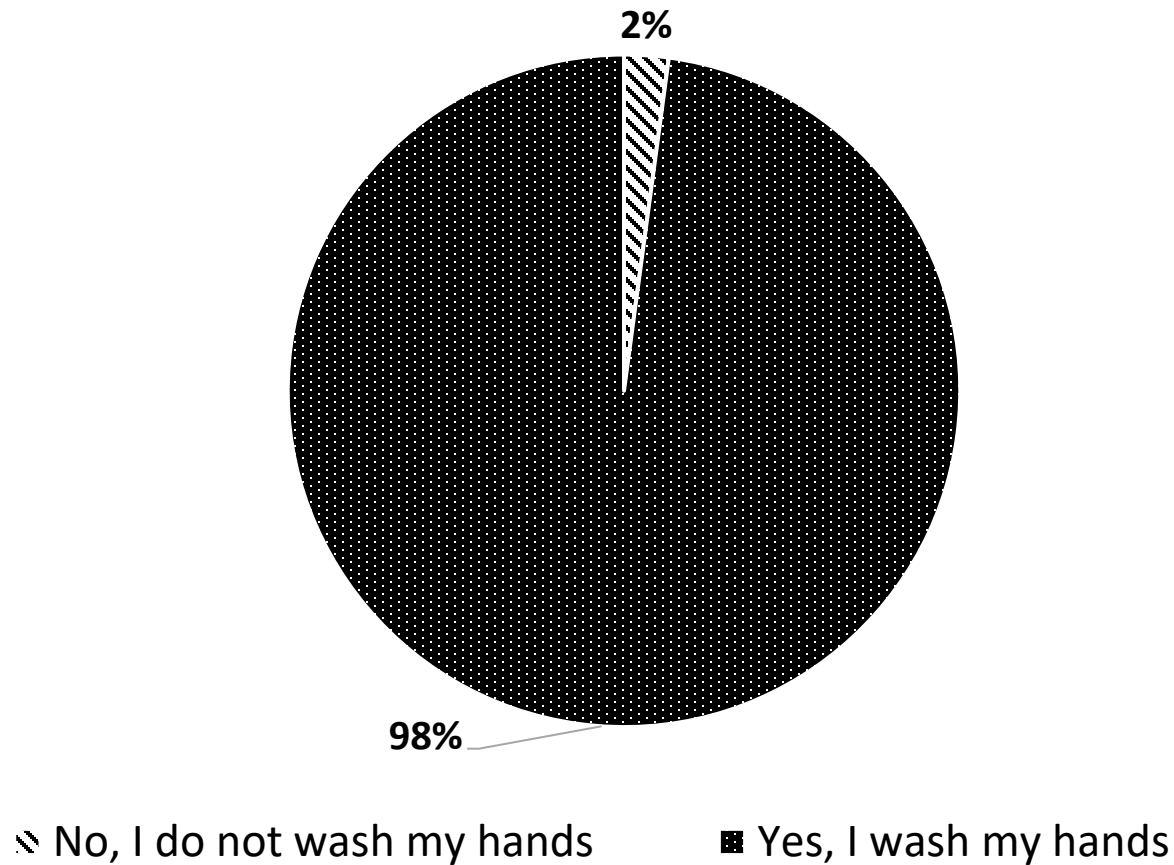


How long do you usually keep leftover food and then eat it?

(number of response = 1174)



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



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

