

Food Insecurity

Evelyn Delph

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```
## -- Attaching packages ----- tidyverse 1.3.0 --
## v ggplot2 3.2.1      v purrr  0.3.3
## v tibble  2.1.3      v dplyr  0.8.3
## v tidyr   1.0.0      v stringr 1.4.0
## v readr   1.3.1      v forcats 0.4.0

## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()

## Warning: package 'gttools' was built under R version 3.6.3
```

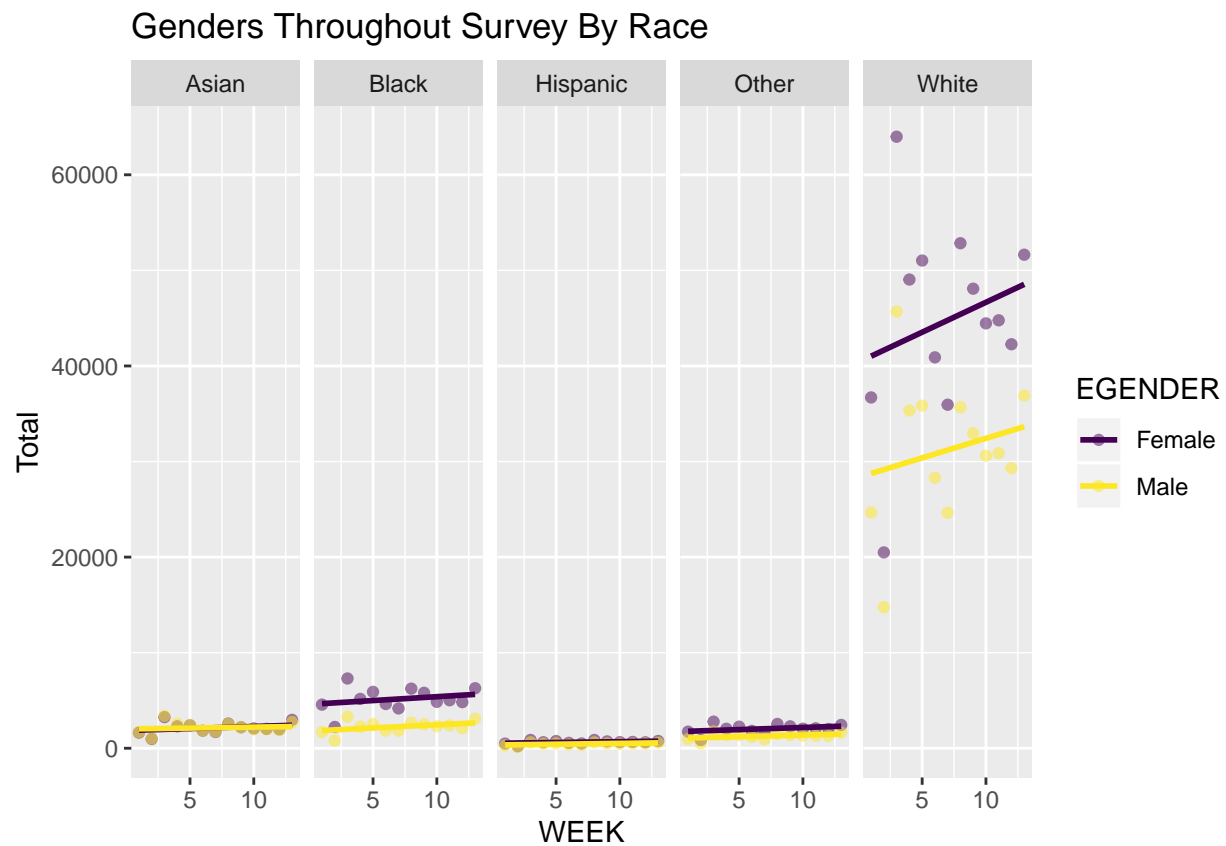
Summary

This EDA examines socio-economic variables concerning food accessibility in relation to demographic variables. Below lists the variables carefully examined:

1. Demographic Variables: RRACE, EGENDER, EDUC
2. Socio-economic food variables: PRIFOODSUF, CURFOODSUF, CHILDFOOD, FOODSUFRSN1-FOODSUFRSN5, FREEFOOD,

The aim of this was to determine if certain groups based on race and gender primarily suffered from food short-comings during COVID. Overall, the data shows there is *no significant* increase in suffering in food suffering based on race and gender.

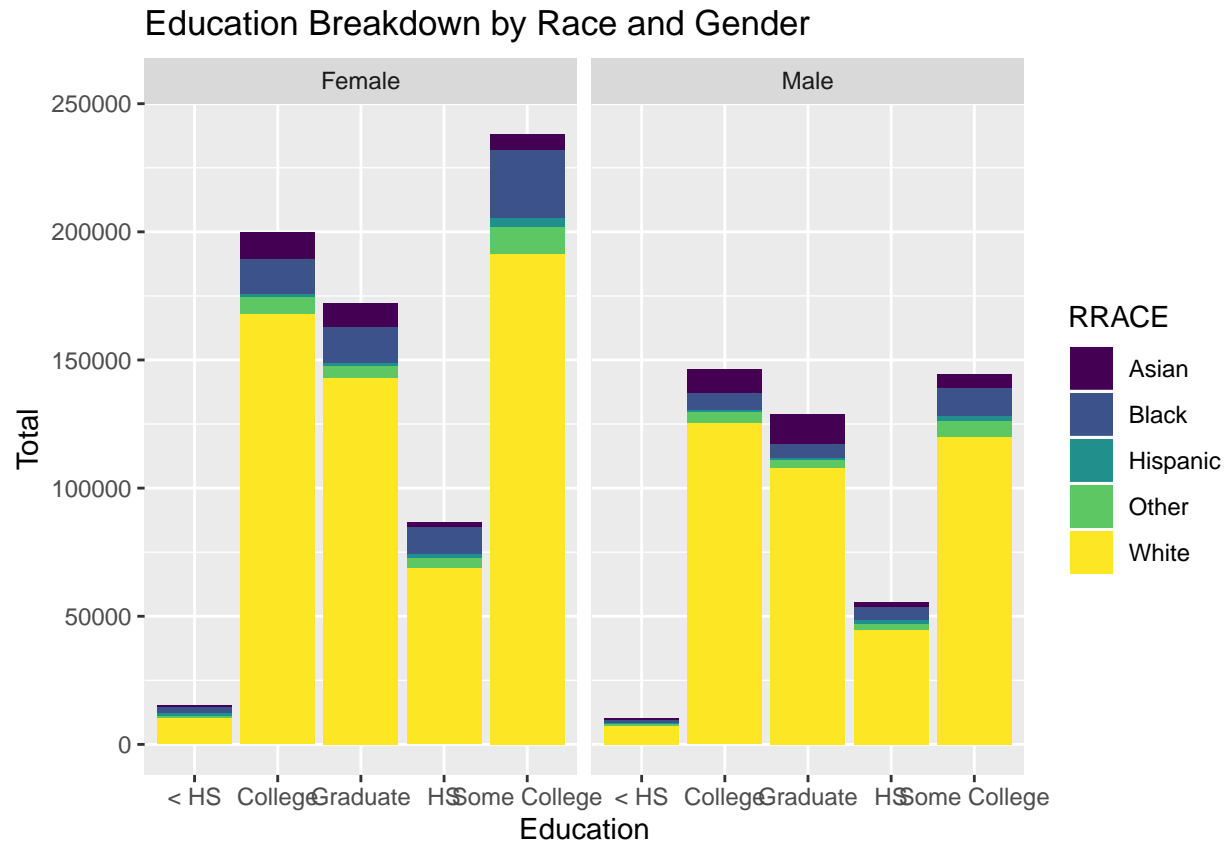
Race and Gender of Participants



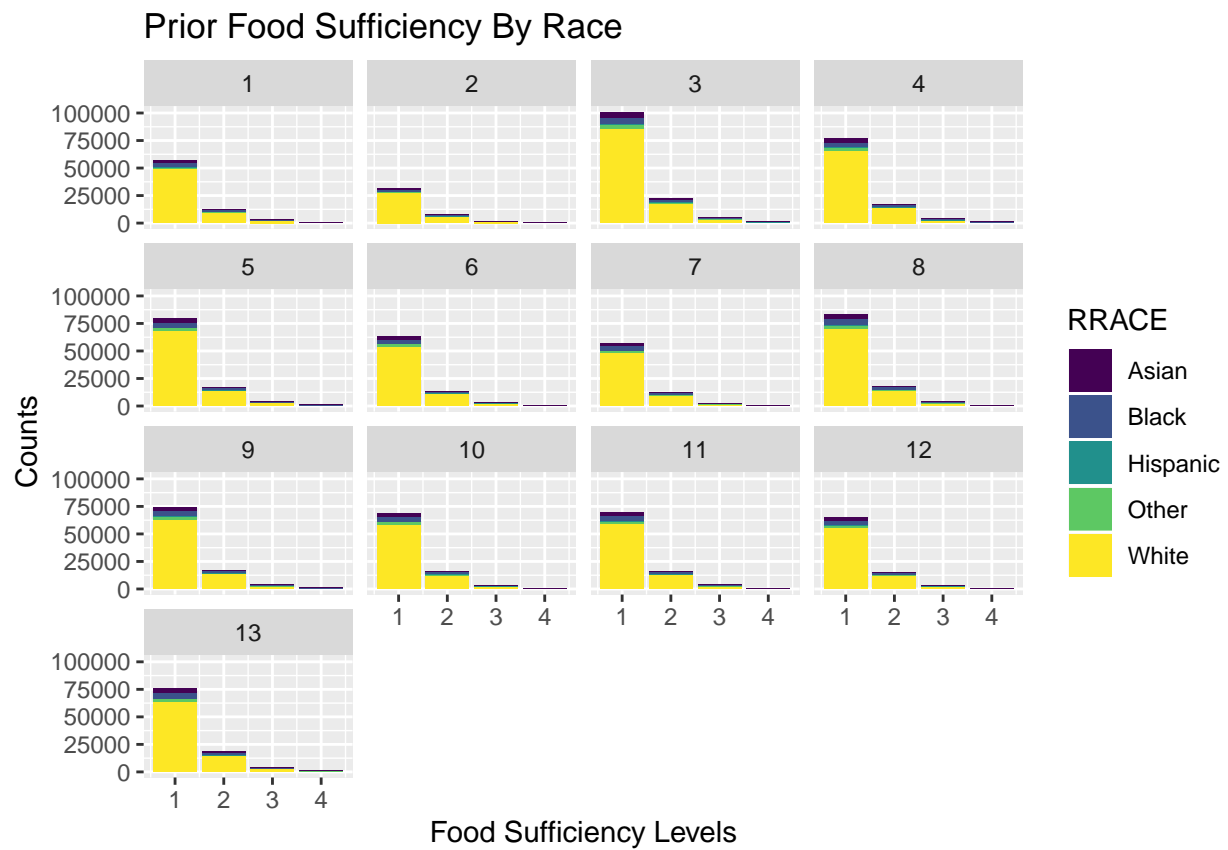
Education Levels

- 1) Less than high school
- 2) Some high school
- 3) High school graduate or equivalent (for example GED)
- 4) Some college, but degree not received or is in progress
- 5) Associate's degree (for example AA, AS)
- 6) Bachelor's degree (for example BA, BS, AB)
- 7) Graduate degree (for example master's, professional, doctorate)

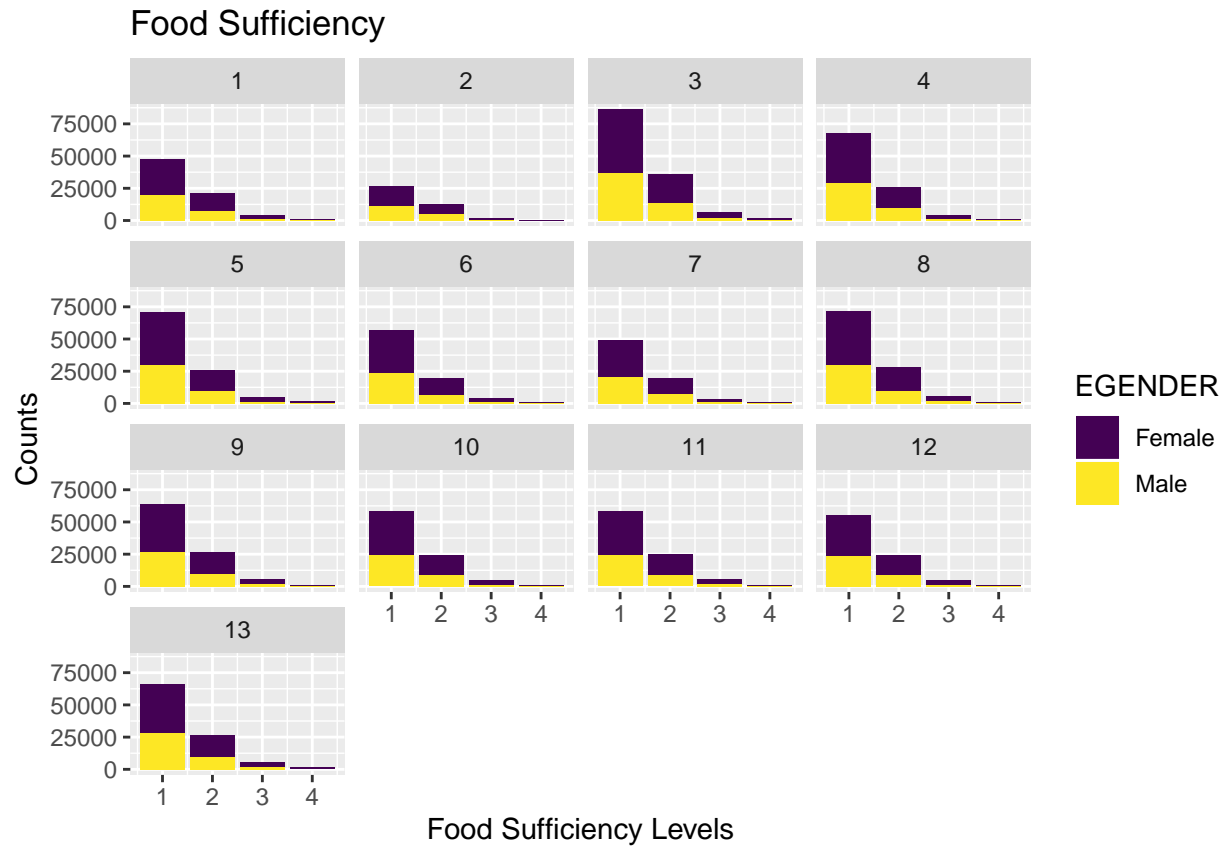
Categories 1 and 2 were combined, 3 and 4 were combined.



Prior Food Sufficiency By Race



Household Food Sufficiency Over the Last 7 Days: CURFOODSUF 1 : Enough We Wanted to Eat 2 : Enough, but not always what we wanted to eat 3 : Sometimes not enough to eat 4 : Not enough to eat

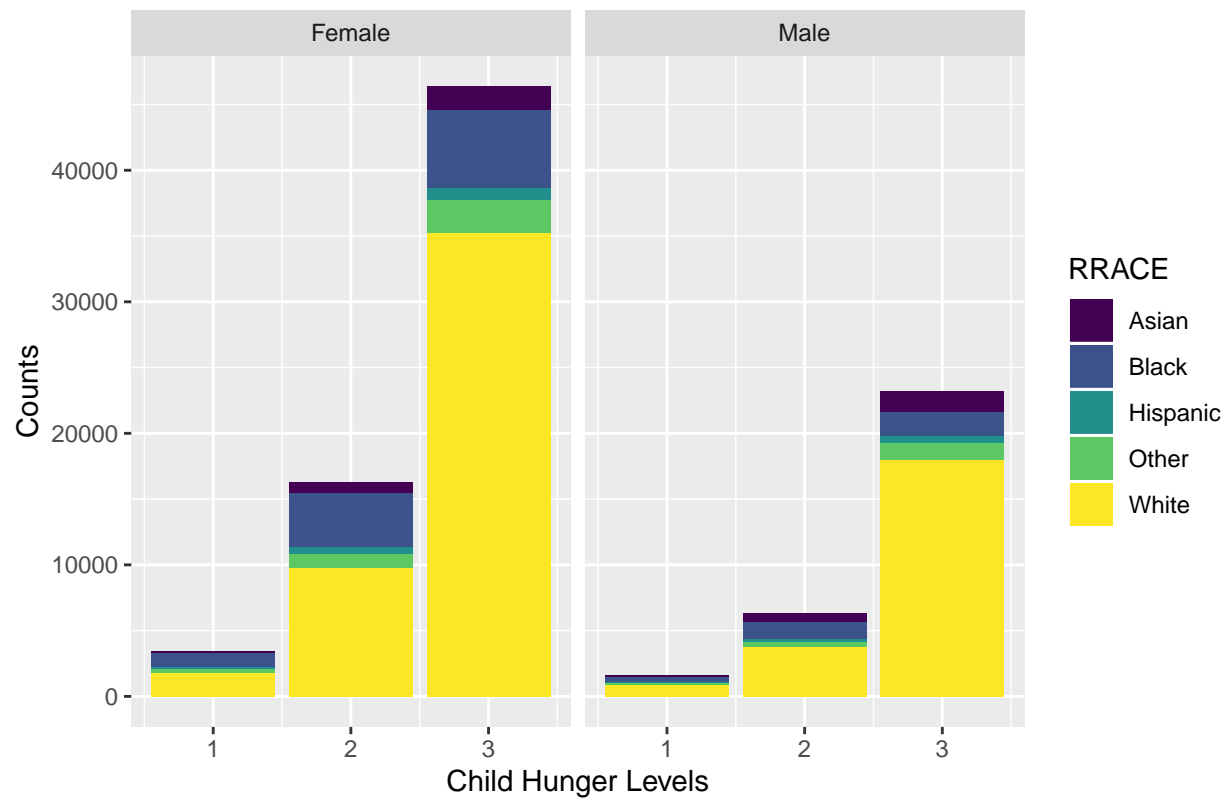


Child Hunger Implications

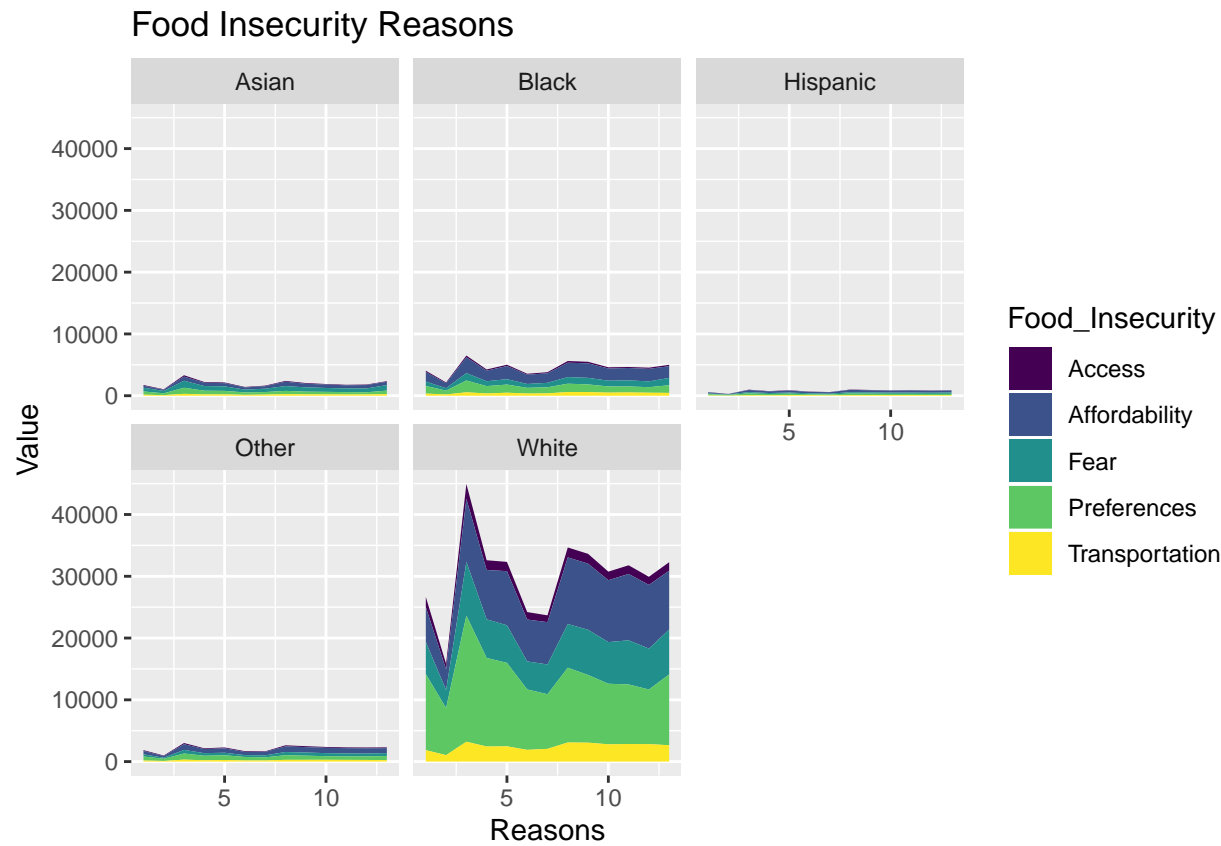
Children Not Eating Enough Due to Not Affording Food: **CHILDFOOD** This variable as a very high number of (-99,-88, and N/A) values. I am unsure if these will be useable.

1 : Often True 2 : Sometimes True 3 : Never True

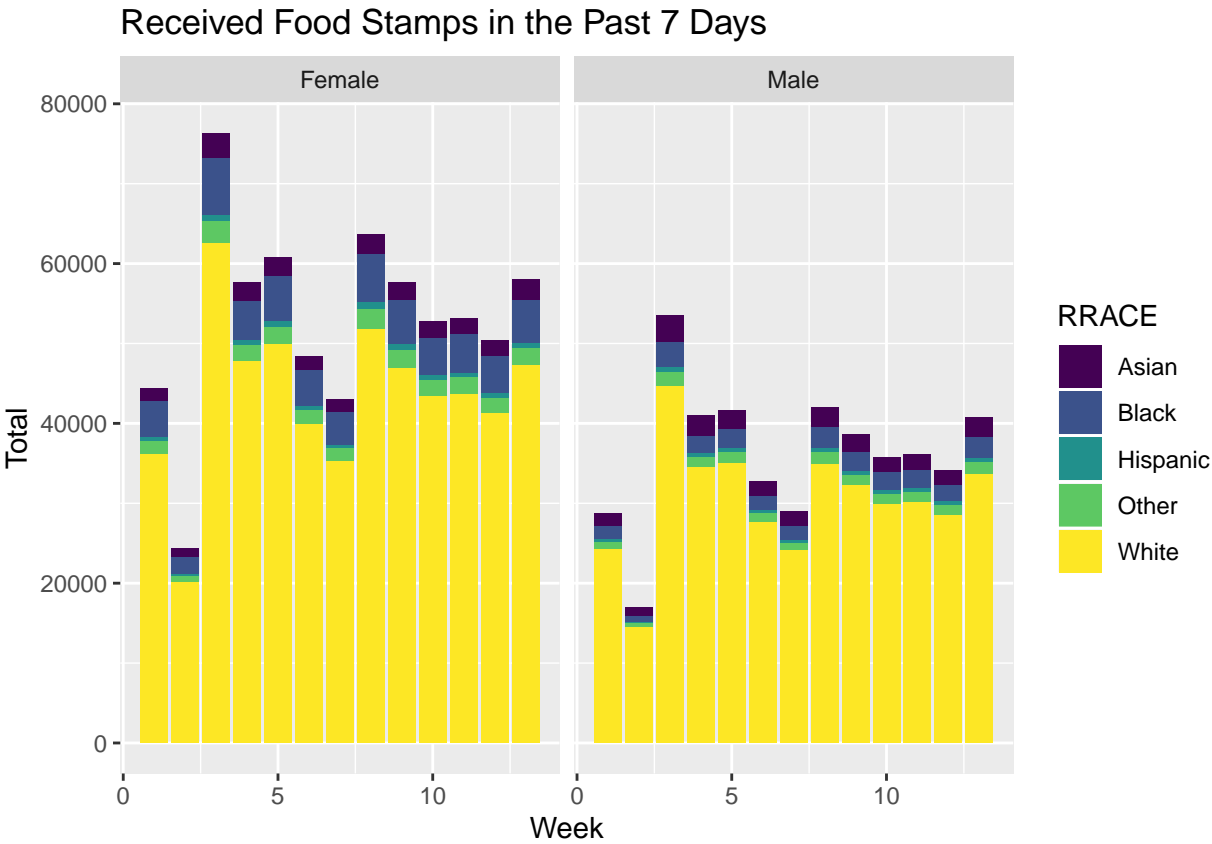
Child Hunger By Race



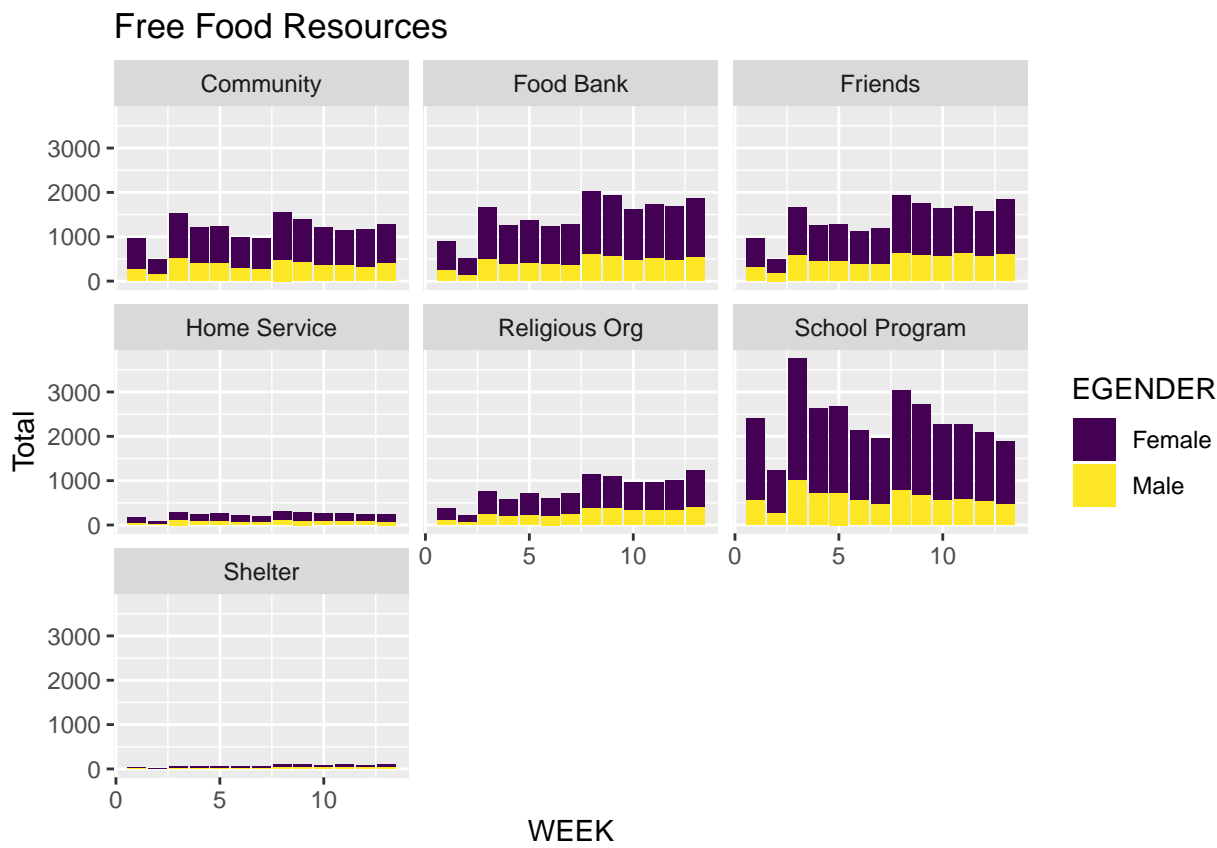
Food Insecurity



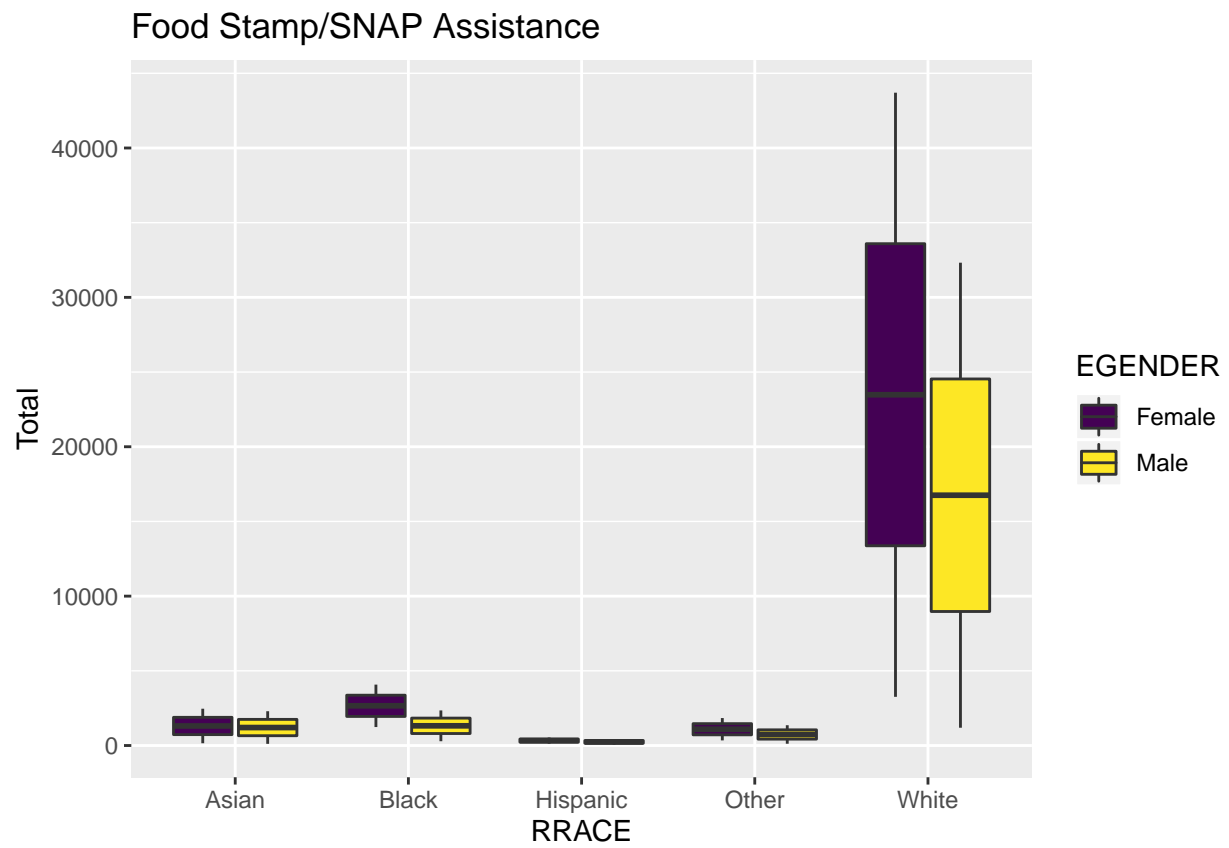
Was Freefood Received in the Last 7 Days?



Sources for Free Food



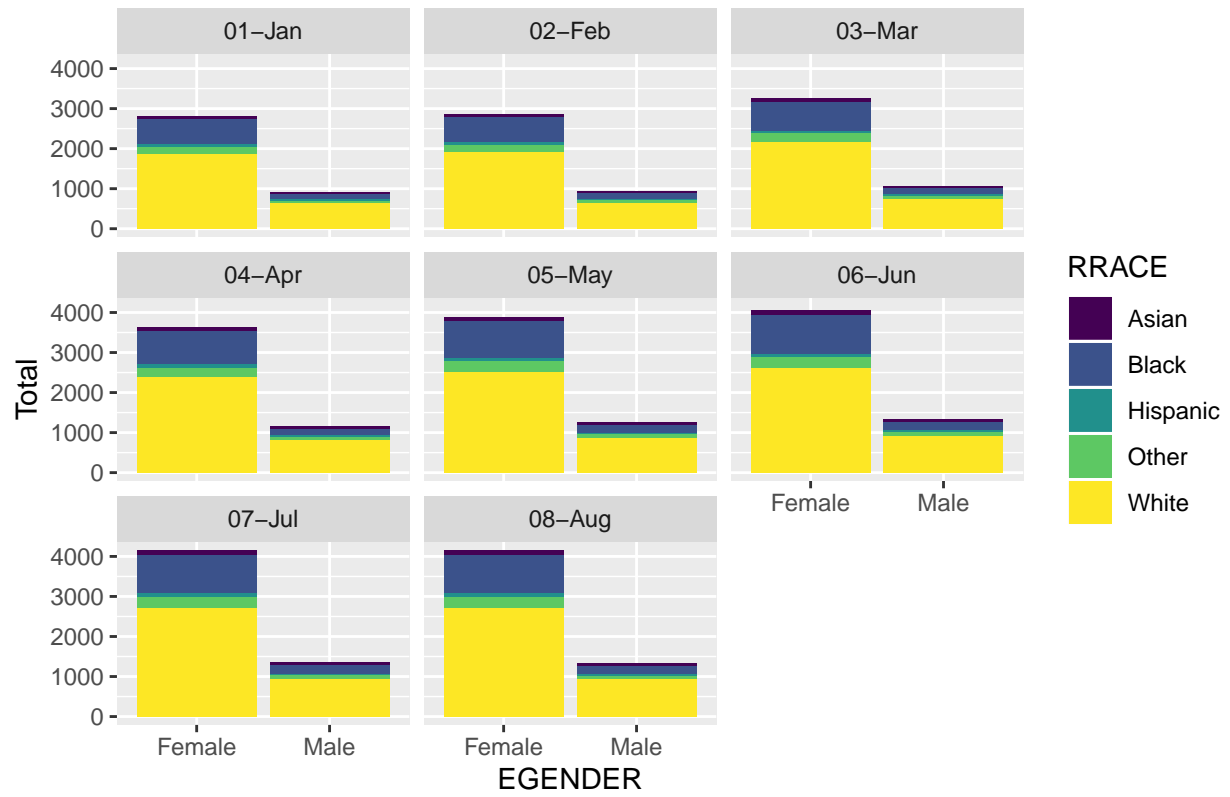
SNAP/Food Assistance Variables



Examining Monthly SNAP Variables

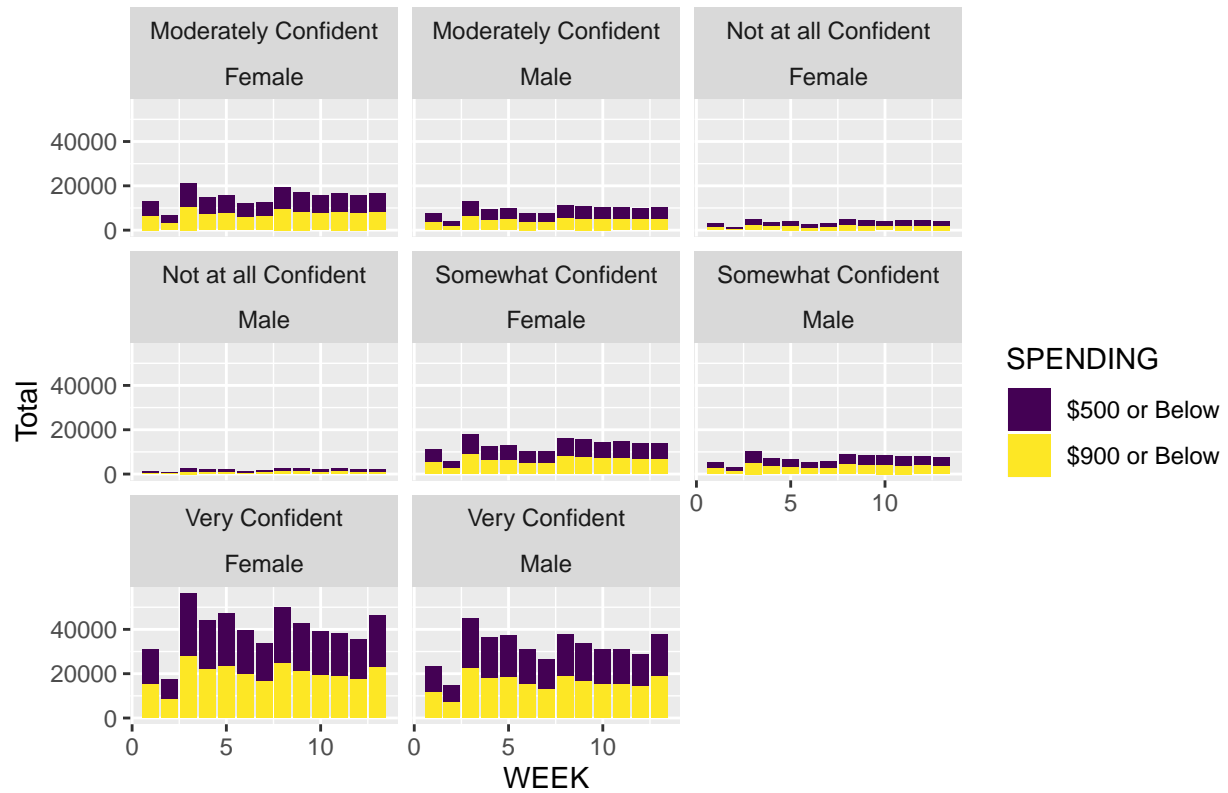
This question was asked exclusively during the 13th week of the survey.

Food Assistance Over Reported Months



Total Spent on Food and Total Spent on Food Delivery (Emphasis on Gender)

Food Confidence Over Food Spending (Gender)



Total Spent on Food and Total Spent on Food Delivery (Emphasis on Race)

