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#### Analyzing the Impact of Community Programs and Mutual Aid on Food Insecurity

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#### Miles Davis Source Project: People, Politics & Environment

### Background

- Food insecurity in the Southern Tier is an issue that low-income communities have long been facing and the economic crisis caused by the Covid-19 pandemic had a drastic effect on the issue.
- At the height of the pandemic government assistance programs, such as SNAP, were extremely overwhelmed which resulted in long wait times for applications to be reviewed
  - This led to a drastic increase in the use of food aid networks
- The purpose of this study is to analyze the impact food aid networks have had on food insecurity in Broome County

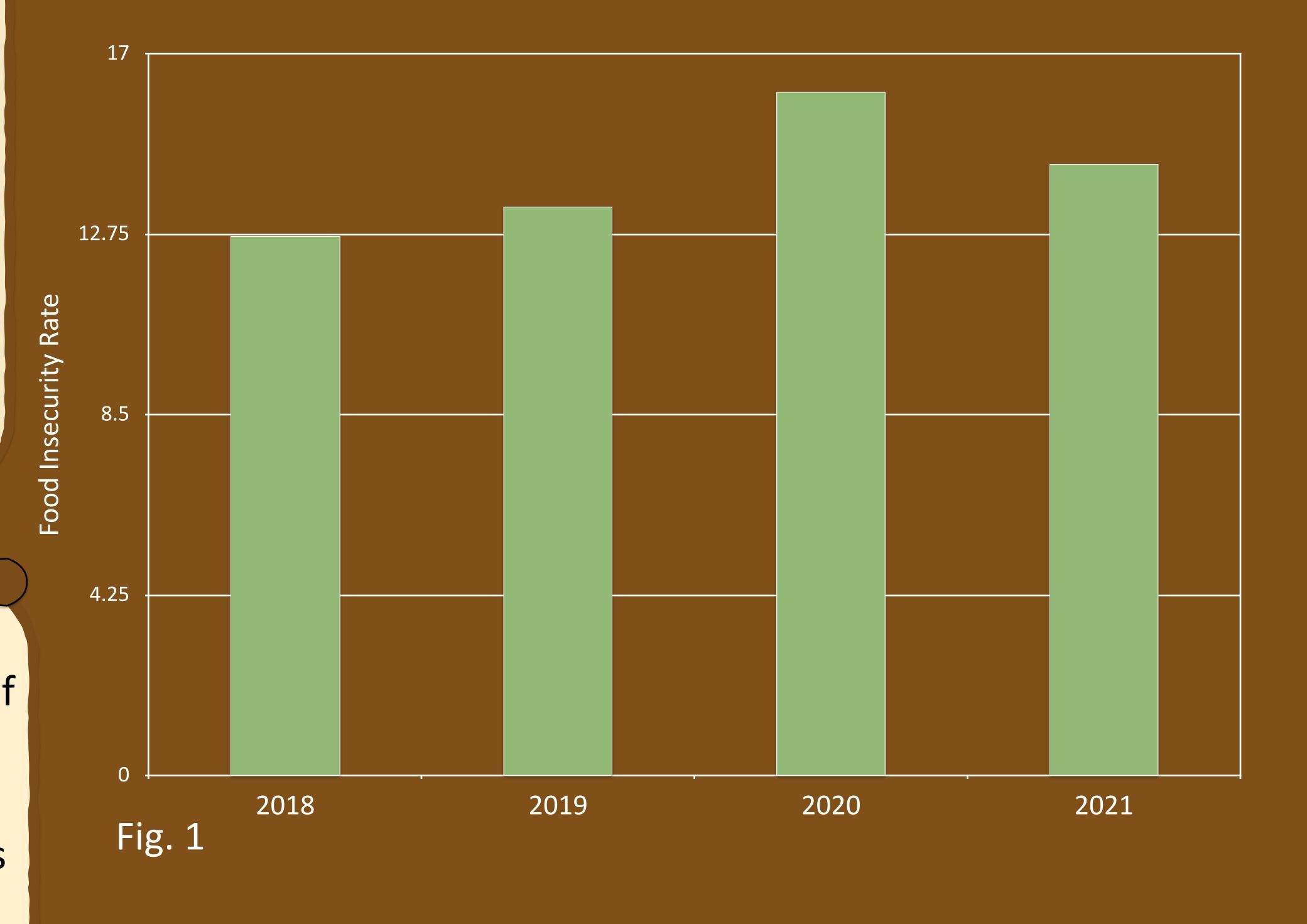
### Methods

- Conducted interviews with organizers of food aid networks in Broome County
- Volunteered with CHOW in order to gain insight into how the organization is run
- Conducted a literature review of scholarly sources surrounding food insecurity and charitable feeding systems



References

# Food aid networks were vital in addressing food insecurity in Broome County, especially during the height of the **Covid-19** pandemic



FOOD INSECURITY RATE

ESTIMATED PROGRAM ELIGIBILITY AMONG FOOD INSECURE PEOPLE

30%	Above SNA Programs t
70%	Below SNA Programs t



P, Other Nutrition reshold of 200% poverty P, Other Nutrition reshold of 200% poverty AVERAGE MEAL COST \$ 3.24

ADDITONAL MONEY REQUIRED TO MEET FOOD NEEDS \$14,364,000

 Programs offered by CHOW and The Food Bank of the Southern Tier, were vital for low-income households during the pandemic because the need for food drastically increased

- food

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### Conclusions

• This is due to the unemployment rate skyrocketing and households not being able to afford enough

 Through interviews, I discovered that while the usage of food banks drastically increased, community food donations have decreased

 Food banks have been working towards offering more healthy options • In 2021, 51% of the food offered by CHOW was produce

 A common theme found throughout the interviews conducted is that more work must be done on a policy level in order to enact long-lasting change regarding this issue

### Implications

 Some organizations have yet to respond to my request for an interview

• The data provided in Fig. 1 includes projections of future food insecurity rates in Broome County by using unemployment and poverty rates