## Rising Demand A Study on the Increasing Trend of Food Bank Usage

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## Abstract

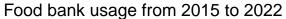
"This study aims to understand the factors contributing to the rising trend of food bank usage. Through a comprehensive review of the literature and data analysis, we investigate the economic, social, and political reasons behind the increasing demand for food banks. Our findings show that rising poverty and income inequality, as well as changes in government policies, are key factors contributing to the rise in food bank usage. This study sheds light on the current state of food insecurity and highlights the importance of addressing these underlying causes to alleviate food poverty. Our findings have implications for policymakers and practitioners in the fields of social welfare and hunger relief, and demonstrate the need for increased efforts to tackle food insecurity and poverty."

## Introduction

"Food banks have played a crucial role in supporting communities affected by the COVID-19 pandemic. With widespread job losses and financial insecurity, many individuals and families have been struggling to put food on the table. As a result, food banks have seen a significant increase in demand for their services, with many reporting record numbers of people seeking assistance.

The COVID-19 pandemic has highlighted the need for increased support for food banks and other emergency food programs. With supply chain disruptions, decreased volunteer availability, and higher demand, food banks have faced a range of challenges in their efforts to provide adequate support to those in need. Despite these challenges, food banks have been able to adapt and continue serving communities through a range of innovative approaches, such as expanding their partnerships, increasing online donations, and launching new programs.

In light of the ongoing COVID-19 pandemic, it is important to continue supporting food banks and other emergency food programs. With unemployment rates still high and economic uncertainty continuing, the need for these organizations remains as critical as ever. By coming together as a community, we can help ensure that everyone has access to the food they need to stay healthy and nourished during these challenging times."



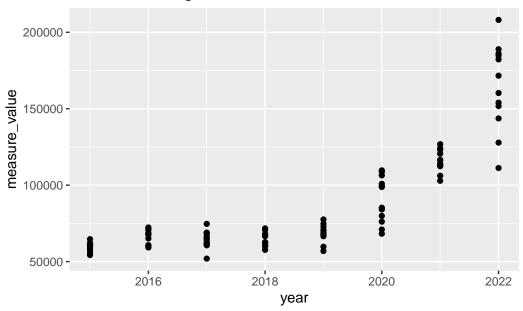


Table 1: December food bank usage

year	measure_value
2015	60300
2016	60650
2017	51960
2018	62755
2019	56922
2020	108709
2021	120588
2022	184804

## References

@Manual{citeR, title = {R: A Language and Environment for Statistical Computing}, author = {{R Core Team}}, organization = {R Foundation for Statistical Computing}, address = {Vienna, Austria}, year = {2020}, url = {https://www.R-project.org/}, }

- @Manual{janitor, title = {janitor: Simple Tools for Examining and Cleaning Dirty Data}, author = {Sam Firke}, year = {2021}, note = {R package version 2.1.0}, url = {https://CRAN.R-project.org/package=janitor}, }
- @Manual{scales, title = {scales: Scale Functions for Visualization}, author = {Hadley Wickham and Dana Seidel}, year = {2022}, note = {R package version 1.2.1}, url = {https://CRAN.R-project.org/package=scales}, }
- @Manual{opendatatoronto, title = {opendatatoronto: Access the City of Toronto Open Data Portal}, author = {Sharla Gelfand}, year = {2022}, note = {R package version 0.1.5}, url = {https://CRAN.R-project.org/package=opendatatoronto}, }
- @Article{tidyverse, title = {Welcome to the {tidyverse}}, author = {Hadley Wickham and Mara Averick and Jennifer Bryan and Winston Chang and Lucy D'Agostino McGowan and Romain François and Garrett Grolemund and Alex Hayes and Lionel Henry and Jim Hester and Max Kuhn and Thomas Lin Pedersen and Evan Miller and Stephan Milton Bache and Kirill Müller and Jeroen Ooms and David Robinson and Dana Paige Seidel and Vitalie Spinu and Kohske Takahashi and Davis Vaughan and Claus Wilke and Kara Woo and Hiroaki Yutani}, year = {2019}, journal = {Journal of Open Source Software}, volume = {4}, number = {43}, pages = {1686}, doi = {10.21105/joss.01686}, }
- @Manual{knitr, title = {knitr: A General-Purpose Package for Dynamic Report Generation in R}, author = {Yihui Xie}, year = {2022}, note = {R package version 1.41}, url = {https://yihui.org/knitr/}, }
- @Article{thereferencecanbewhatever, title = {Welcome to the {tidyverse}}, author = {Hadley Wickham and Mara Averick and Jennifer Bryan and Winston Chang and Lucy D'Agostino McGowan and Romain François and Garrett Grolemund and Alex Hayes and Lionel Henry and Jim Hester and Max Kuhn and Thomas Lin Pedersen and Evan Miller and Stephan Milton Bache and Kirill Müller and Jeroen Ooms and David Robinson and Dana Paige Seidel and Vitalie Spinu and Kohske Takahashi and Davis Vaughan and Claus Wilke and Kara Woo and Hiroaki Yutani}, year = {2019}, journal = {Journal of Open Source Software}, volume = {4}, number = {43}, pages = {1686}, doi = {10.21105/joss.01686}, }
- @Manual{citeLahman, title = {Lahman: Sean 'Lahman' Baseball Database}, author = {Michael Friendly and Chris Dalzell and Martin Monkman and Dennis Murphy}, year = {2020}, note = {R package version 8.0-0}, url = {https://CRAN.R-project.org/package=Lahman}, }