

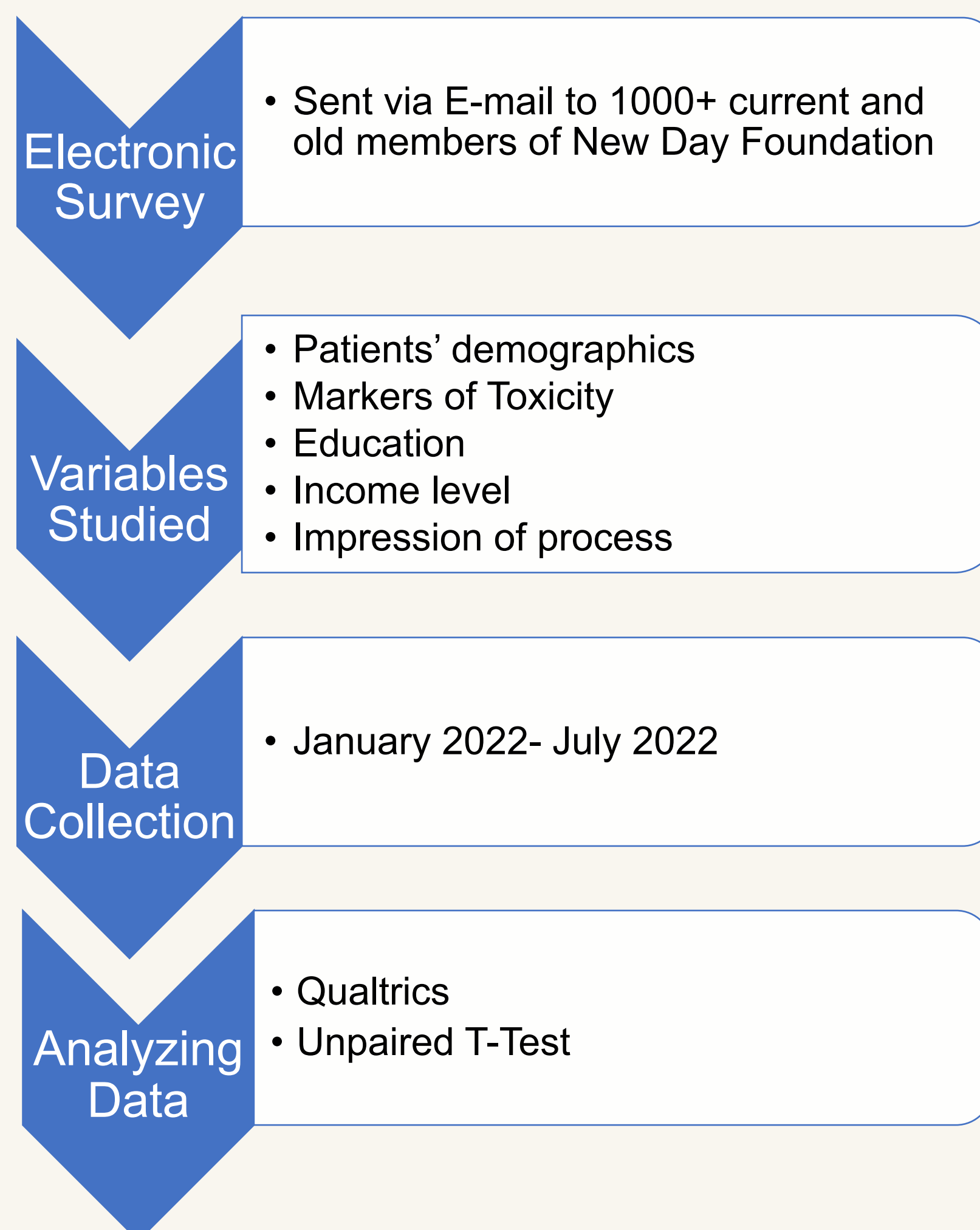
## Introduction

- New Day Foundation provides financial and emotional support to cancer patients and their families before they reach critical breaking points.
- Financial Toxicity: increased monthly expenses coupled with the loss of income and subjective financial distress
- The population with the highest incidence and mortality rate from cancer is African American males.

## Aims and Objectives

- Determine if the appropriate groups are being serviced.

## Methods



## Results

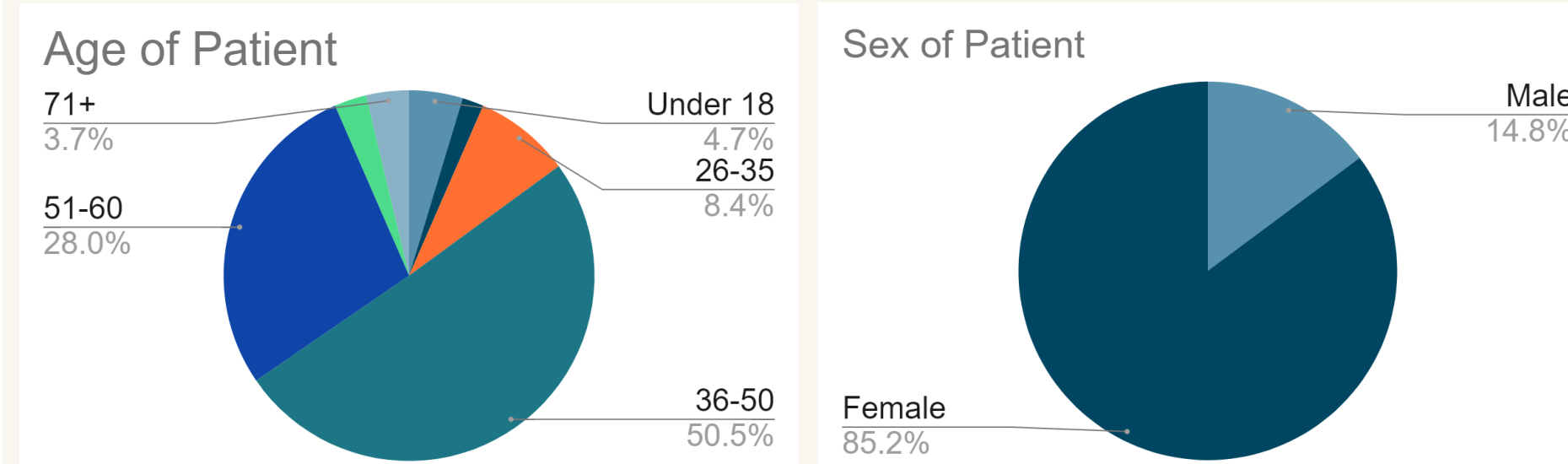


Figure 1: Age distribution of participants in survey. 95% of respondents were less than 61 years old

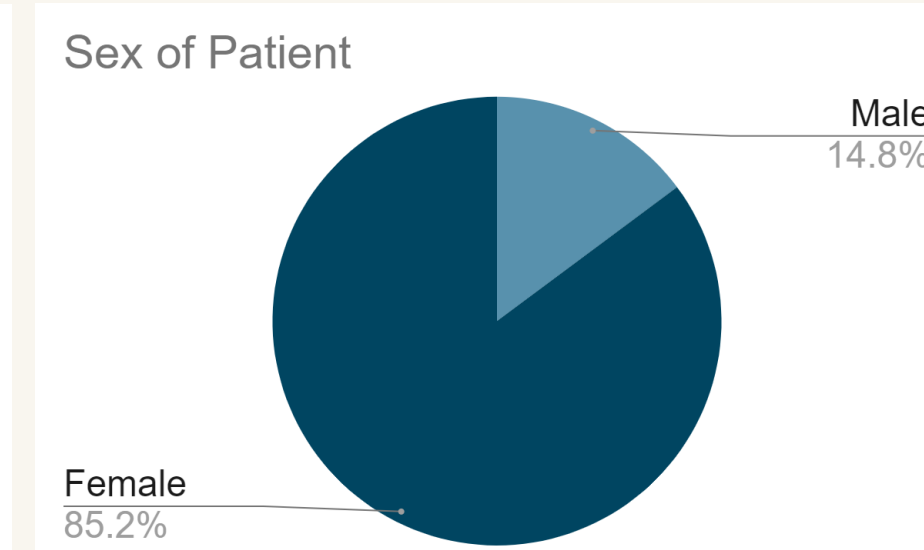


Figure 2: Sex distribution of participants in survey. 85% of respondents were female

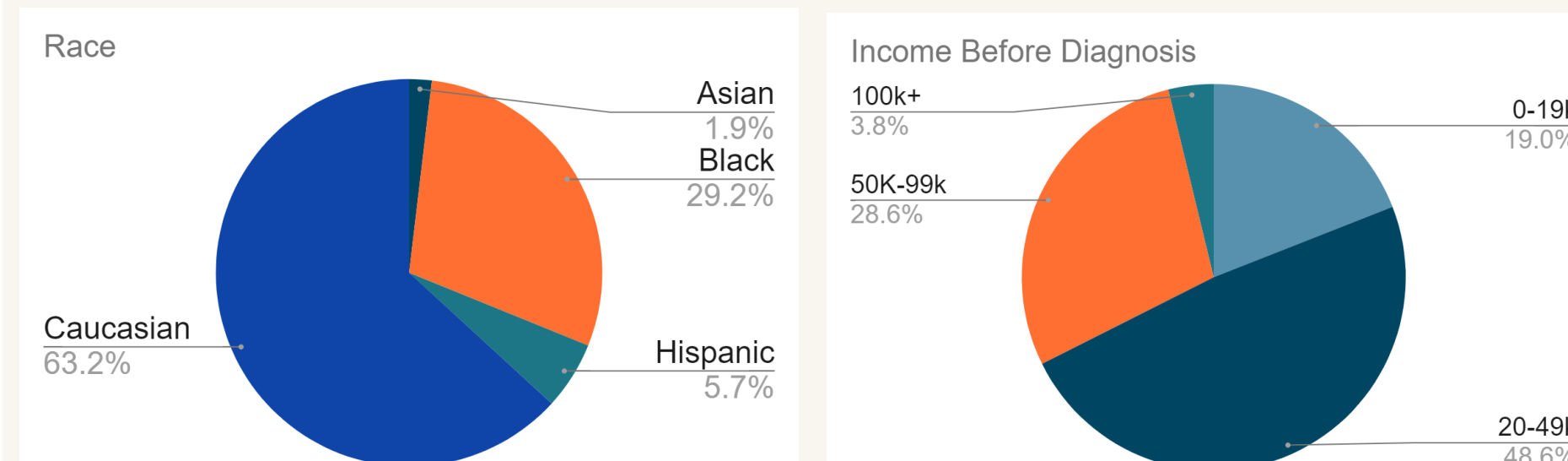


Figure 3: Race distribution of participants in survey. Caucasian was the most common race at 63%.

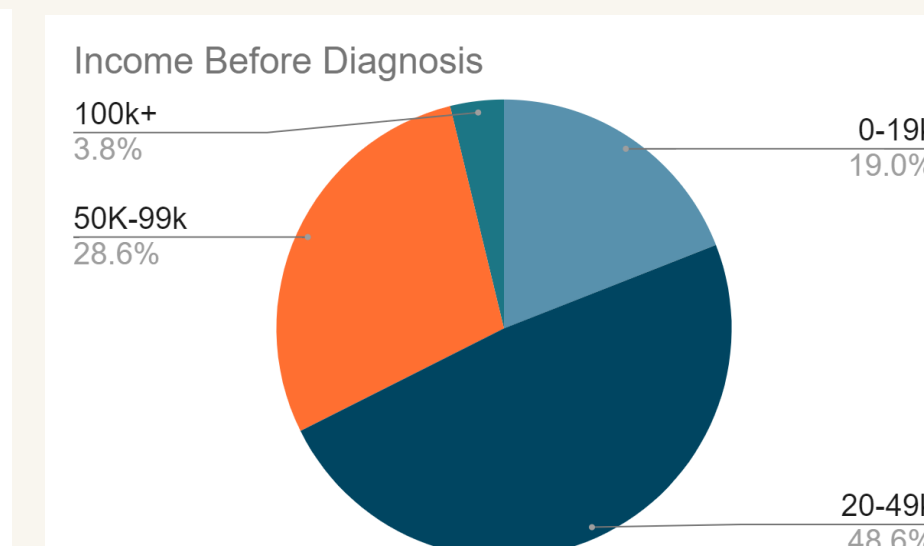


Figure 4: Income distribution prior to being diagnosed with cancer. Nearly ¾ of the respondents made less than \$50,000. The median household income in the United States for 2021 was \$70,784.

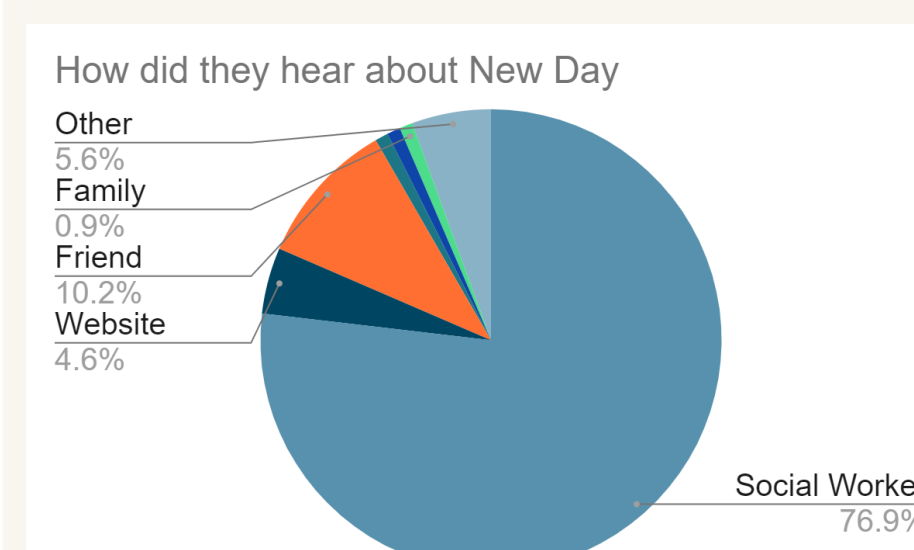


Figure 5: How patients were referred to the program. A majority were through a social worker in the hospital.

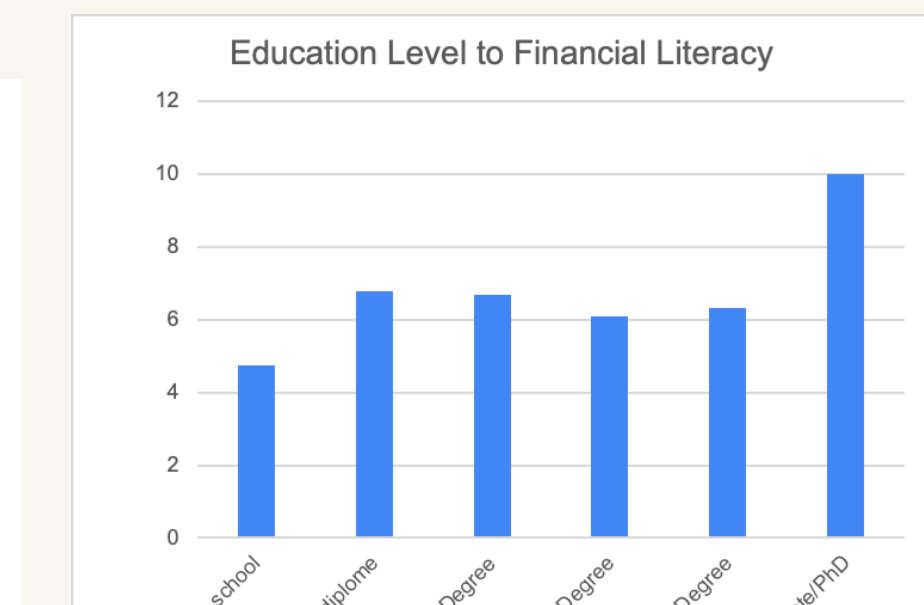


Figure 6: Education level (X axis) compared to Financial Literacy (Y axis). Respondents who did not finish high school rated their financial literacy as lowest compared to all other education levels.

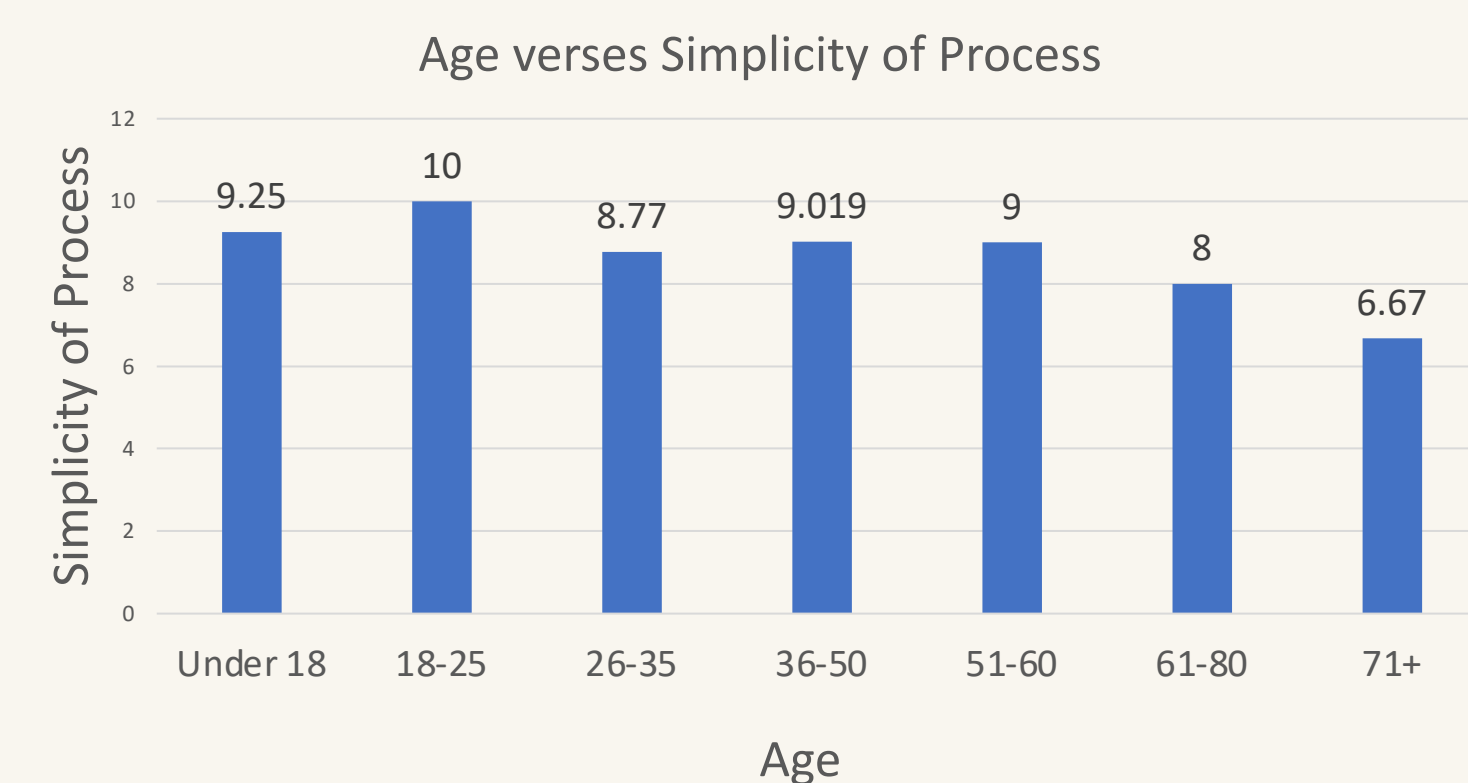


Figure 7: How participants rated the simplicity of the process versus age. Participants under 61 rated it as a 9.02 while those above 61 rated it as a 7.33, p-value 0.029.

## Conclusion

- Most patients partaking in the survey were Caucasian females despite cancer being more common in African American males.
- Most of the participants were under 60 years due to New Day Foundation providing assistance solely to those individuals with dependents.
- A majority of the participants were below the median income in the United States.
- Older participants rated the process of applying for assistance as more complicated.
- New Day will use this information to inform funders about the impact of the program on specific demographic groups and to better understand how social determinants of health affect health outcomes.

## References

- *Cancer in Michigan* - [mdch.state.mi.us](https://www.mdch.state.mi.us). Available at: <https://www.mdch.state.mi.us/osr/Cancer/CancerInMichigan2015.pdf>.
- *Home: New day foundation (2023) New Day Foundation* |. Available at: <http://www.foundationforfamilies.org/>.
- Kollar, J.S. and M. (2022) *Income in the United States: 2021*, Census.gov. Available at: <https://www.census.gov/library/publications/2022/demo/p60-276.html>.
- *Michigan cancer incidence by primary site and age at diagnosis*. Available at: [https://www.mdch.state.mi.us/osr/Cancer/cta\\_blewf.asp](https://www.mdch.state.mi.us/osr/Cancer/cta_blewf.asp).
- *Real median household income in the United States (2022) FRED*. Available at: <https://fred.stlouisfed.org/series/MEHOINUSA672N> (Accessed: February 7, 2023).

## Acknowledgements

- Andrew Shanholtzer