OFF-CAMPUS HOUSING SURVEY: RESULTS

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https://github.com/Riib11/housing-survey

Introduction

I advertised a survey of off-campus housing information for Reed students in several Reed College facebook groups with this message:

> If you are currently living off-campus, please fill out this 5 minute, anonymous survey about your living situation. Also please share it with other students currently living off-campus! Thanks! https://goo.gl/forms/QJLfRwra450iXi4n1
> I will publish the results here after gathering a sufficient number of responses (at least 30 or so). I hope the results will be helpful in students' future searches for off-campus housing.

I gathered 16 responses between 09/18/2018 and 10/07/2018; I did not meet my goal of 30. The survey, an online Google form, was completely anonymous and required a Reed College account login. I cannot vouch for the accuracy of the data, but I still think that it provides some informal use in the context of judging off-campus housing options for Reed College students.

Presentation Decisions

I present number-valued results with an accumulative-distribution model. In an accumulative-distribution model for metric V, the y-value of the filled area blue at a given x-value represents the percentage of responses (y-value) that had a V-value less than or equal to the x-value. For example, Q1's graph reads that about 35% commuted within 10 minutes. Because there are only 16 data points, a proper frequency-distribution would be heavily skewed and useless to graph, and a regression would be just as skewed and misleading.

The accumulative-distribution smooths my sparse data without giving up too much specificity. The graph slopes upward monotonically by definition. From left to right, a steep slope that levels off roughly indicates that the data have a relatively small standard deviation around where the steep slope starts. A shallow slope throughout the entire graph indicates that the data have a large standard deviation - a relatively even distribution for the range of x-values.
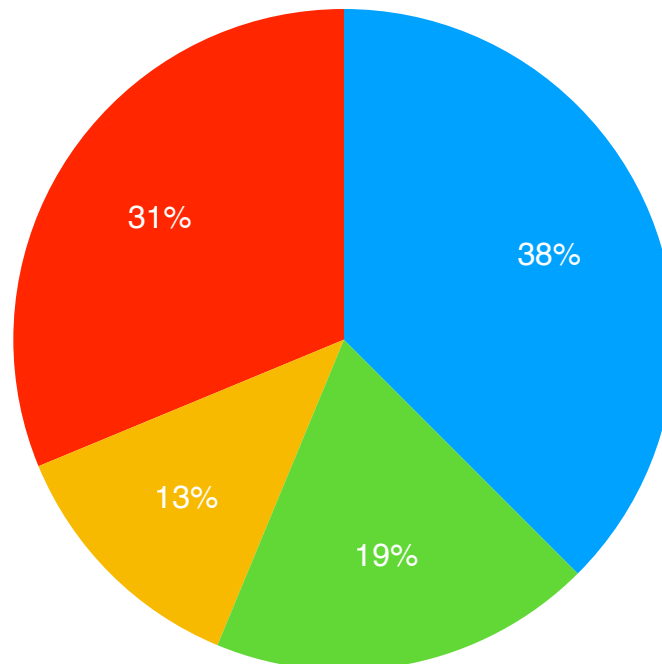
Plan and Resources

I have not yet performed analysis on this data. Anyone is welcome to use this data without my permission, as I promised it to be public. I've compiled the raw data (csv), original survey, and this document into a GitHub repository. Sometime in the future, I also I hope to do a larger survey (putting more effort into achieving a larger data set). If you have any questions or comments about the survey, the results or my presentations, please email me at blancheh@reed.edu.

Q1: How long, typically, does it take you to travel from your housing to campus (in minutes)?

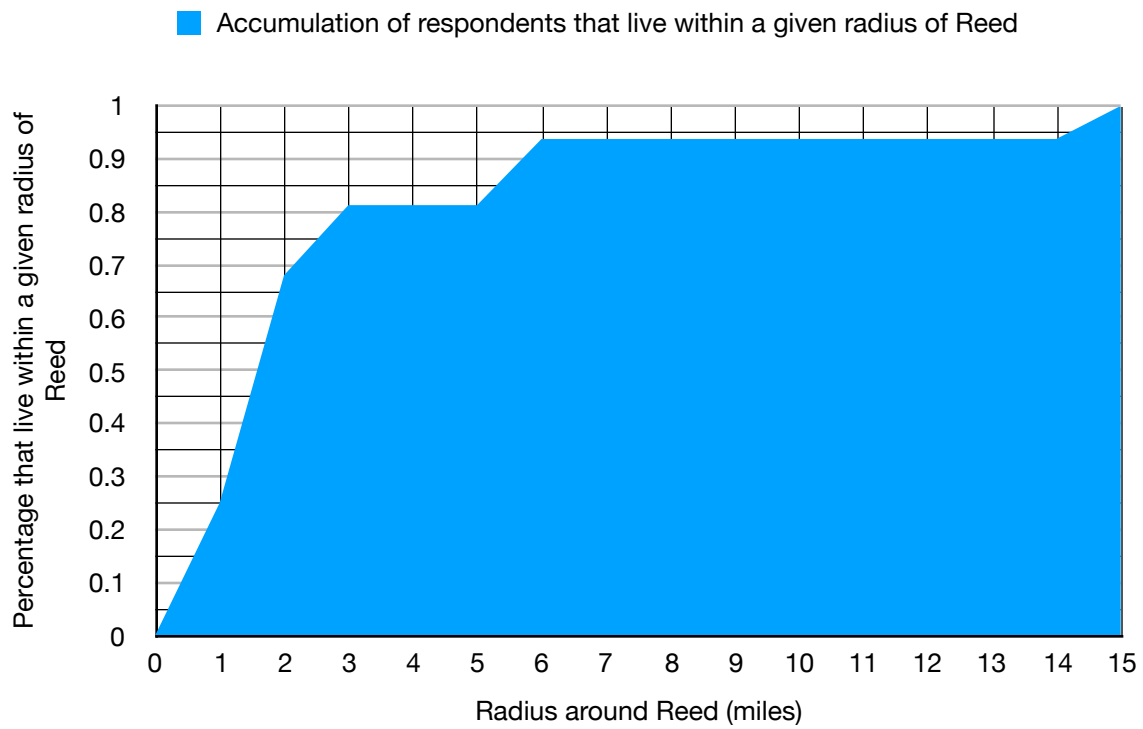■ Accumulation of respondents that travel to school within a given time
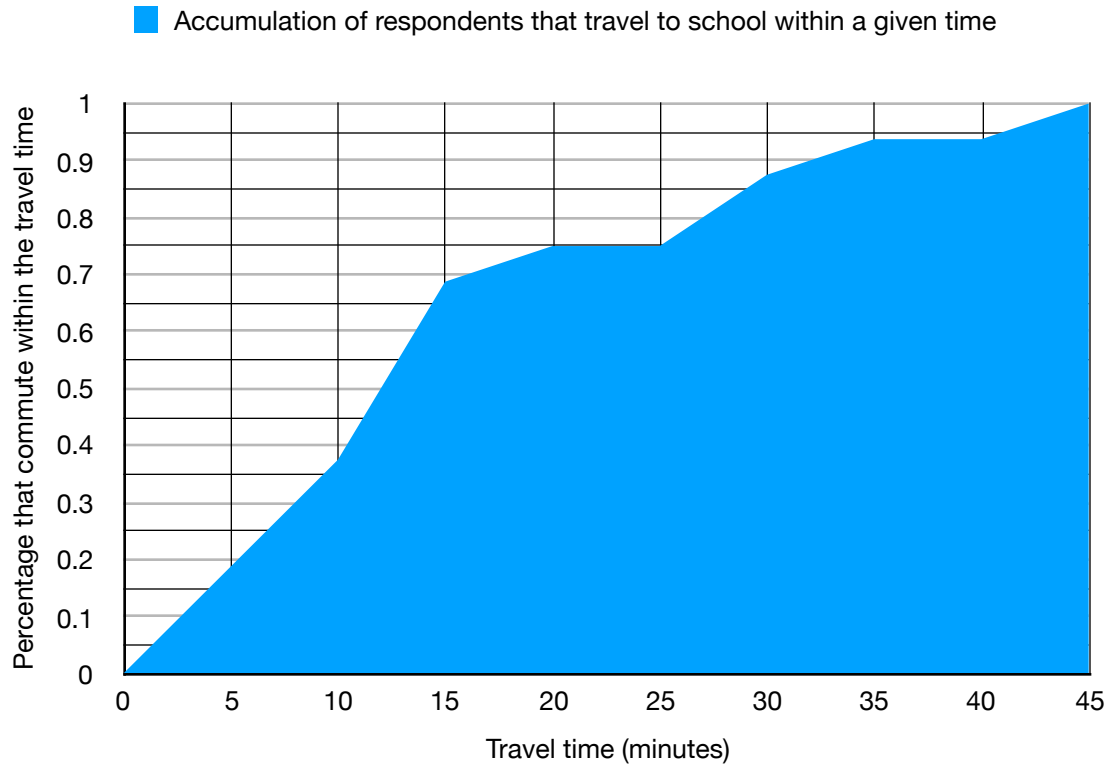
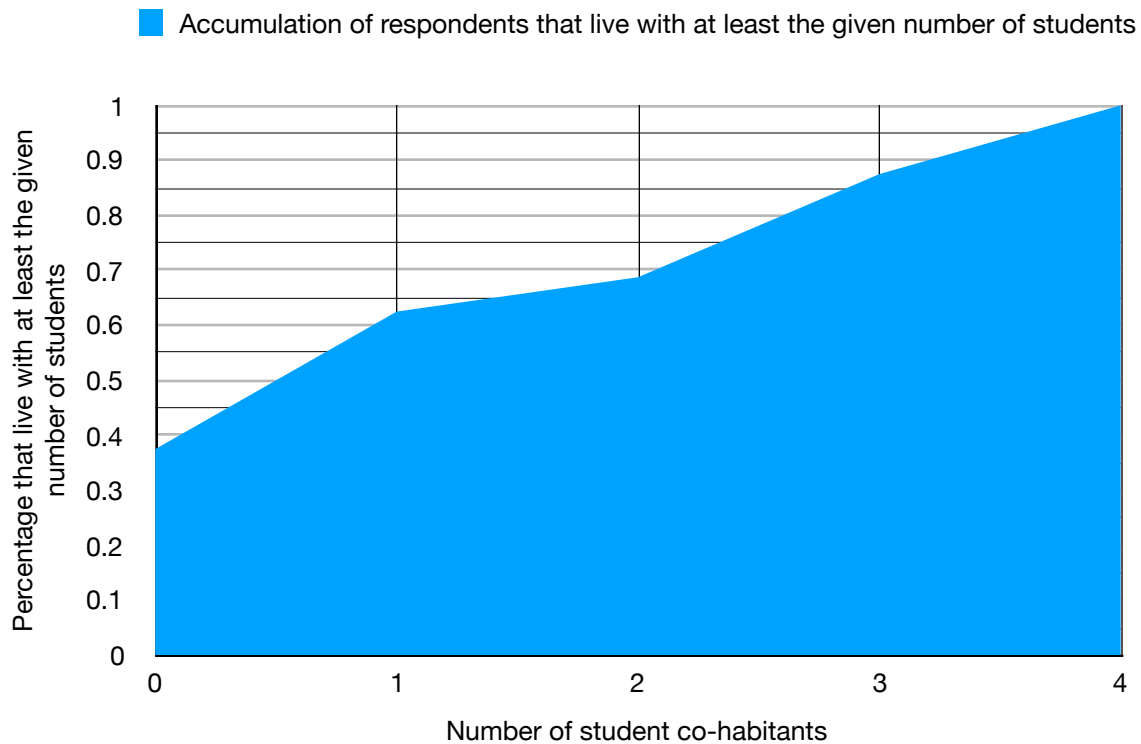**Q2:** What method do you typically use to travel to and from campus?

● Walking ● Public Transportation ● Biking
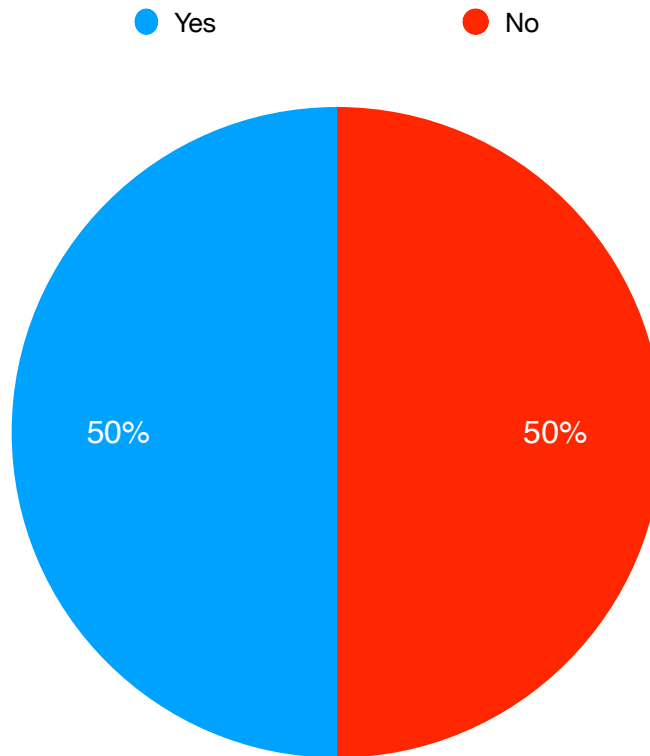● Driving (not carpool) ● Driving (carpool)
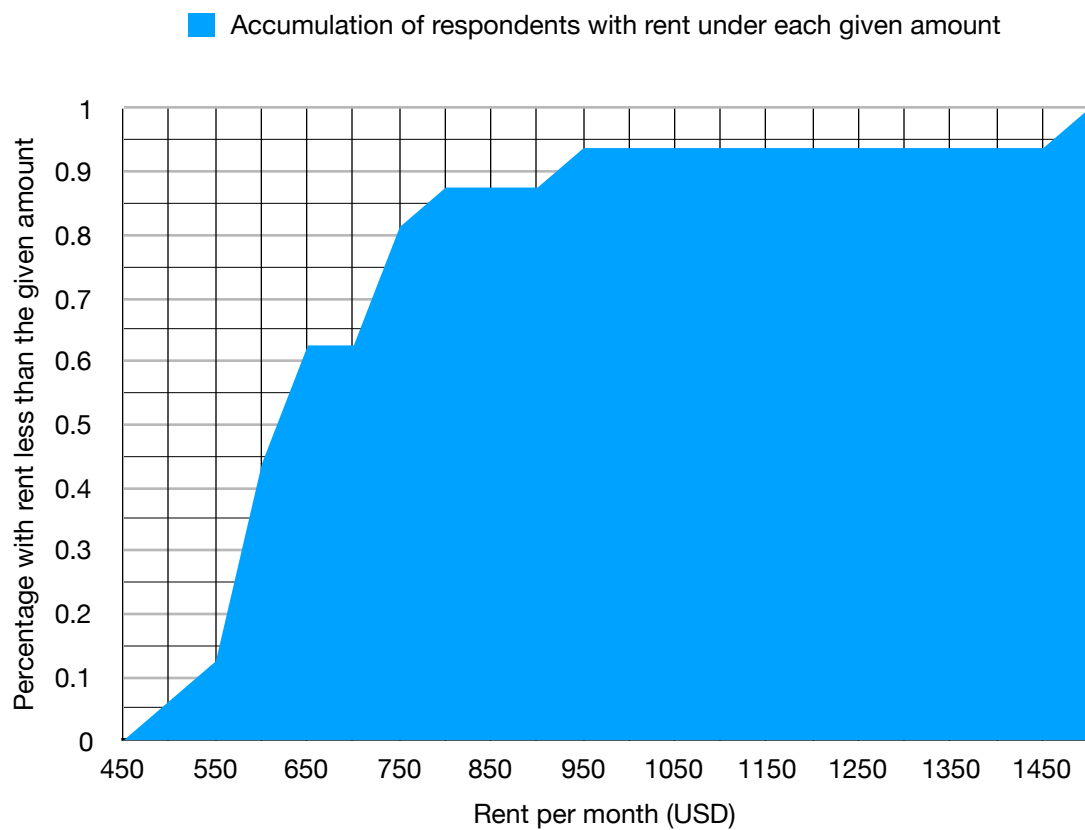
Q3: How far from campus do you live (in miles)?

■ Accumulation of respondents that live within a given radius of Reed

Percentage that live within a given radius of Reed

Radius around Reed (miles)

Q4: How many other students do you live with?

■ Accumulation of respondents that live with at least the given number of students

Percentage that live with at least the given number of students

Number of student co-habitants

Q5: Do you live with any non-students?

● Yes　　　　● No

Q6: How much is your rent each month, per person (including utilities)?

■ Accumulation of respondents with rent under each given amount
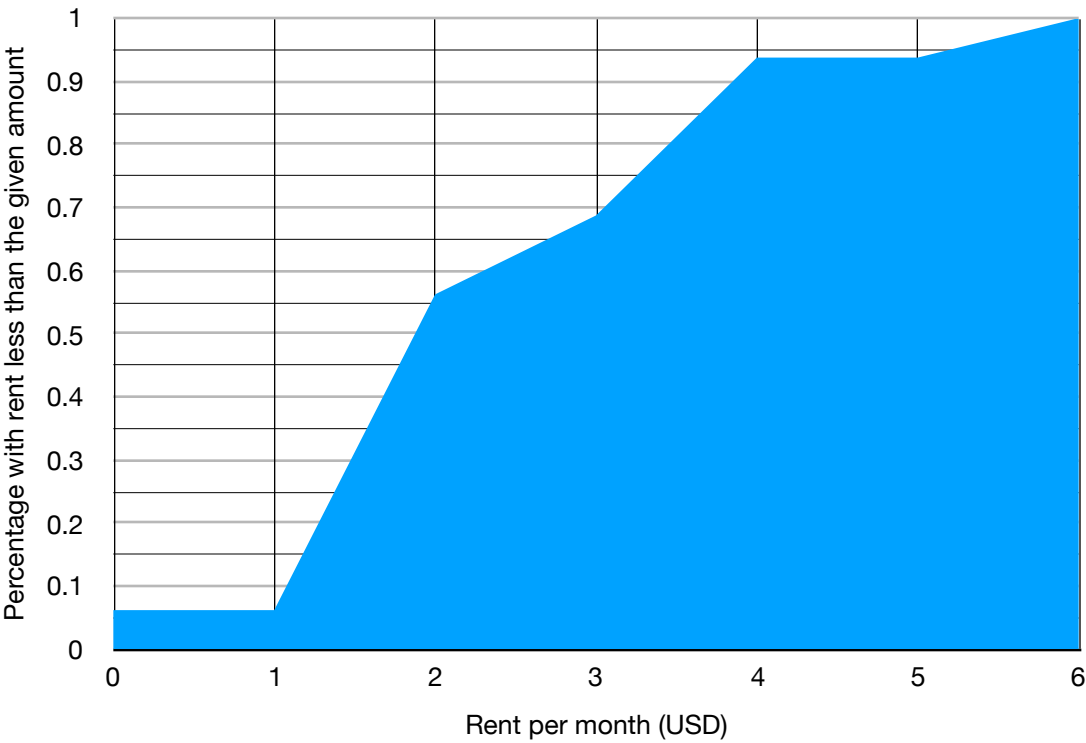
Q7: Do you have a meal plan with Reed Commons? If so, which?

● Yes   ● No

100%
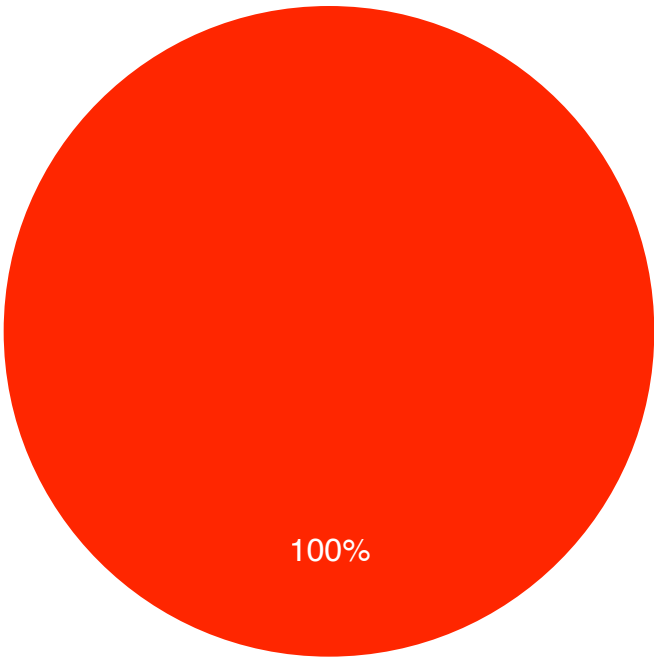
Q8: How many semesters do you plan to stay at your current housing, including past semesters?

■ Accumulation of respondents that plan to stay at their current housing for at least the given number of semesters

Q9: Do you stay at your current housing outside of the academic year?

- Some or all of Summer
- Some or all of Winter
- Some or all of Winter and Summer
- No