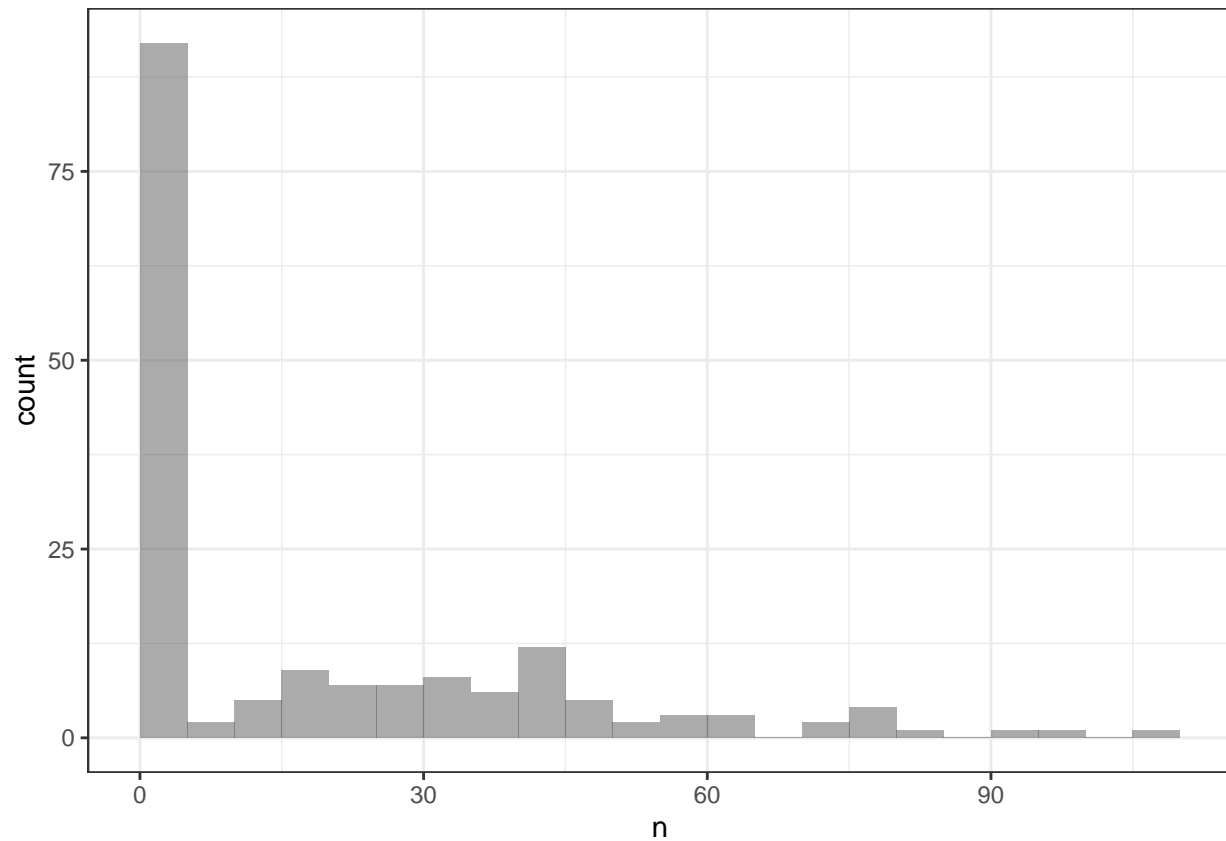# mrktc_descriptive_analysis

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2023-03-15

Market C General Information

Number of markets, and number of surveys per market

- According to field design there should be a minimum of 20 surveys conducted at each market.
- By looking at the number of surveys at each market can see that a number of markets report only 1 survey
- These could be markets that already exist in the database but which are missed due to typos/naming errors?
- The below is just the first 20 rows of a dataframe counting surveys per market:

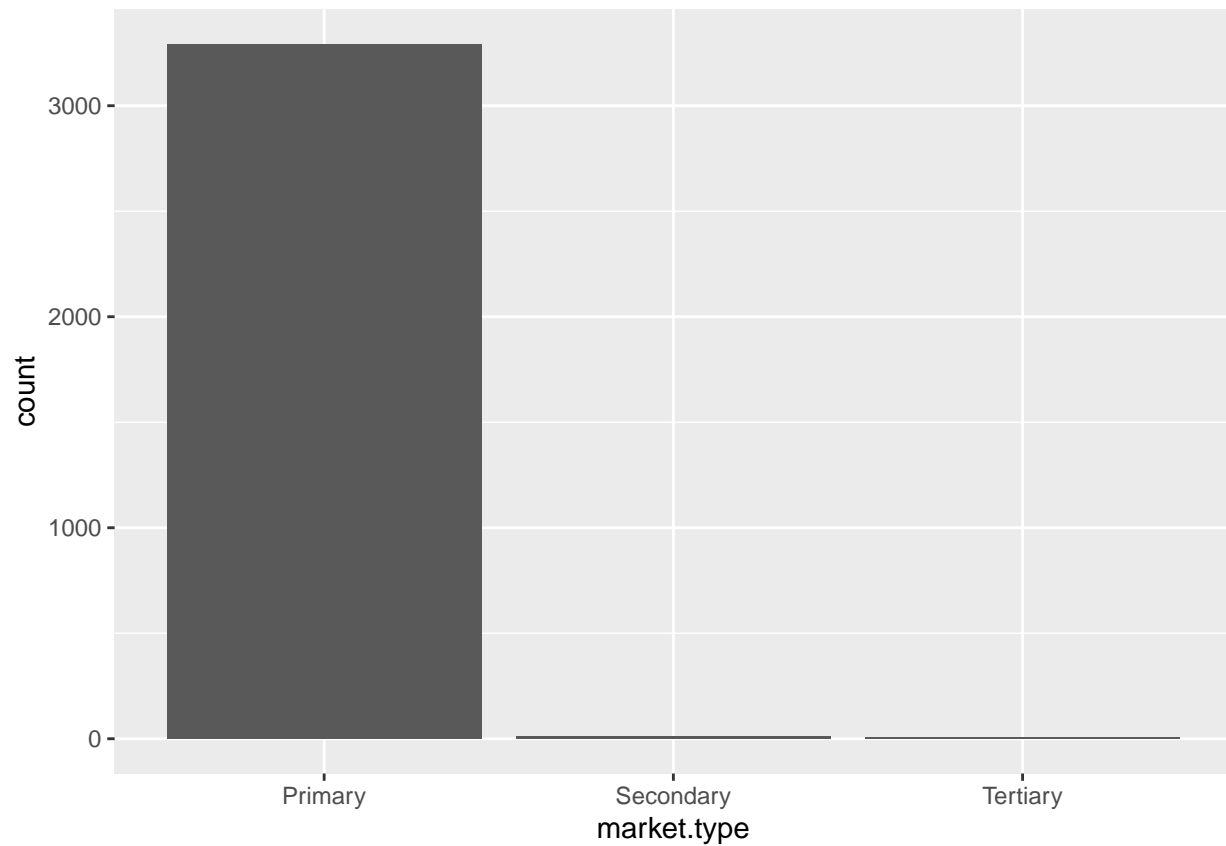| market.name	n
004	1
166	1
212	1
221	1
315	1
36	1
alago	1
ambao	1
bahi	39
bahi.sokoni	5
chabutwa	1
changikanguo	1
chanikanguo	25
chikolopola	2
chikoropola	2
chiungutwa	22
chiwale	21
dutwa	81
gongoni	42
idiwili	39

Surveys per market + village

- For each unique village-market name combination how many surveys were conducted:
- The below is an excert of the first 20 rows of a dataframe listing every unique market-village combination and the number of surveys conducted

village	market.name	n
17	kigwe	1
477	sibwesa	1
alago	lalago	1
bahi	bahi.sokoni	1
bahi.sokoni	bahi	39
bahi.sokoni	bahi.sokoni	4
budekwa	lalago	1
bushigwamara	mwasamba	2
chabushitara	lalago	1
chalisuka	madibi	1
chalisuka	madibira	30
chanikanguo	changikanguo	1
chanikanguo	chanikanguo	25
chibini	mwena	1
chibwini	mwena	7
chikolopola	chikolopola	2
chikoropola	chikoropola	2
chingutwa	chiungutwa	1
chiungutwa	chiungutwa	21

village	market.name	n
gongoni	gongoni	42

What is the market type (according to buyer/sellers?)

```
## # A tibble: 3 x 2
## # Groups:   market.type [3]
##   market.type      n
##   <chr>        <int>
## 1 Primary       3293
## 2 Secondary       10
## 3 Tertiary         7
```


MARKET INTERACTIONS

- The number of other markets visited in the past 1 month, grouped by trader.