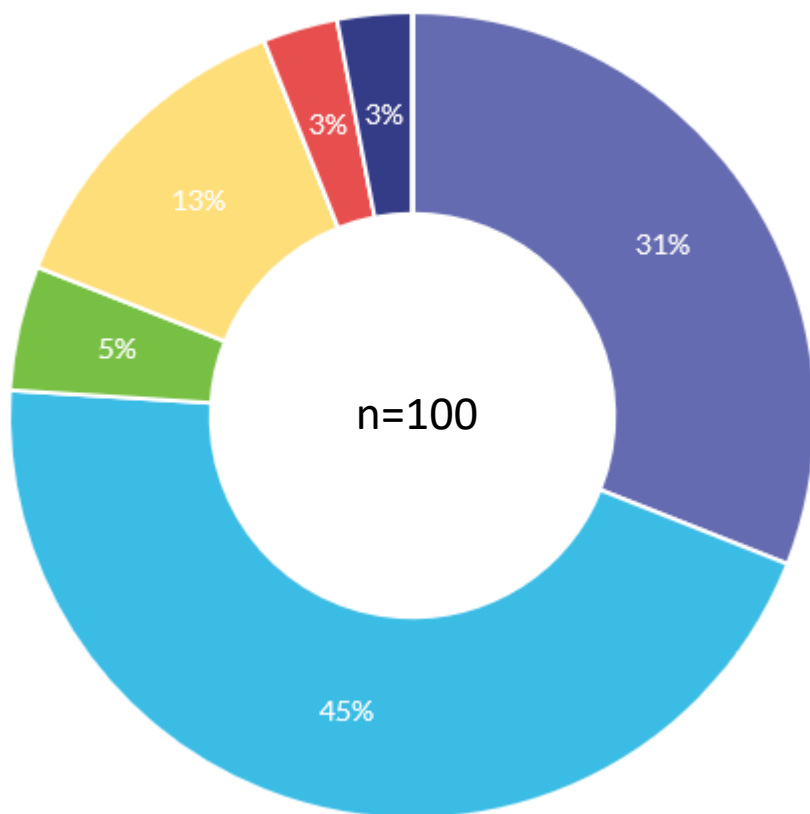


Dalkey Energy Survey

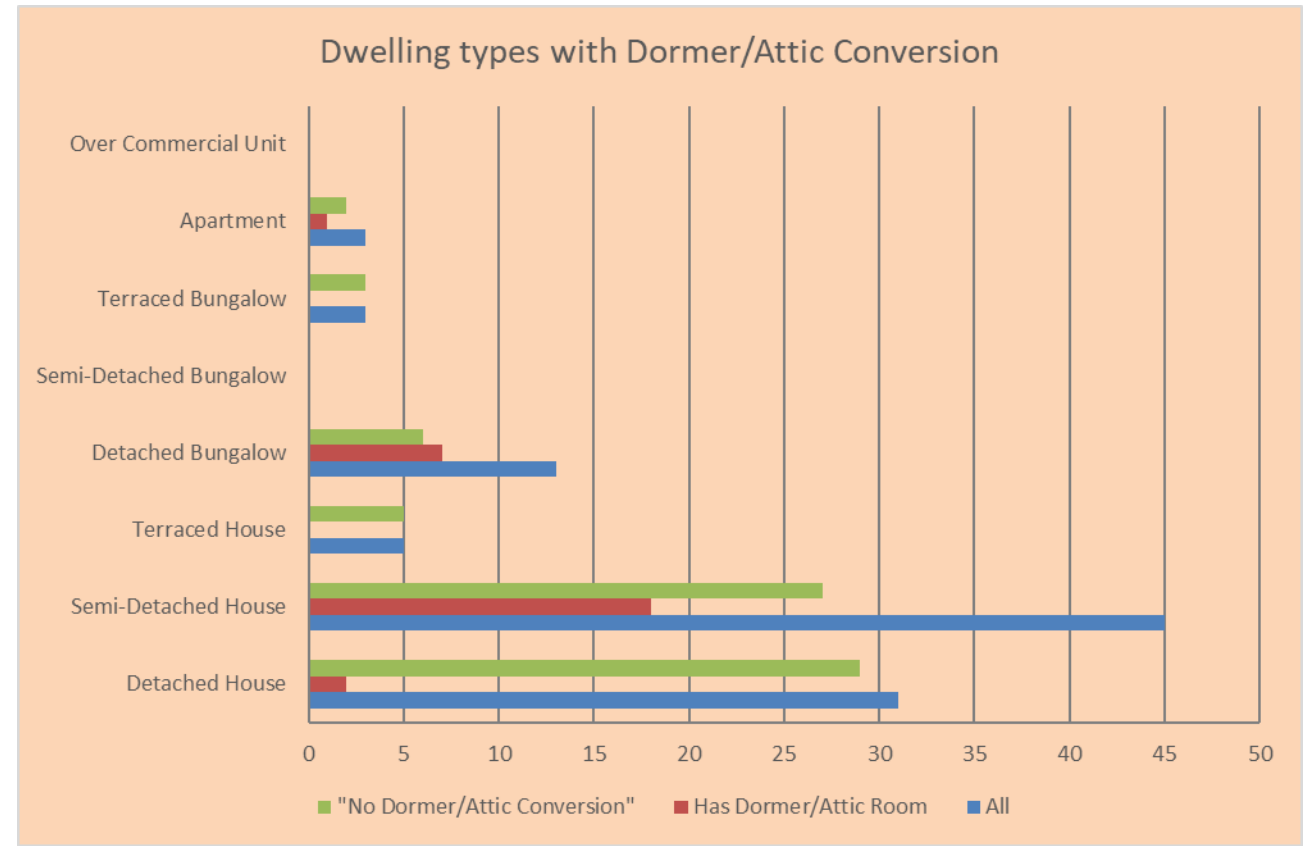
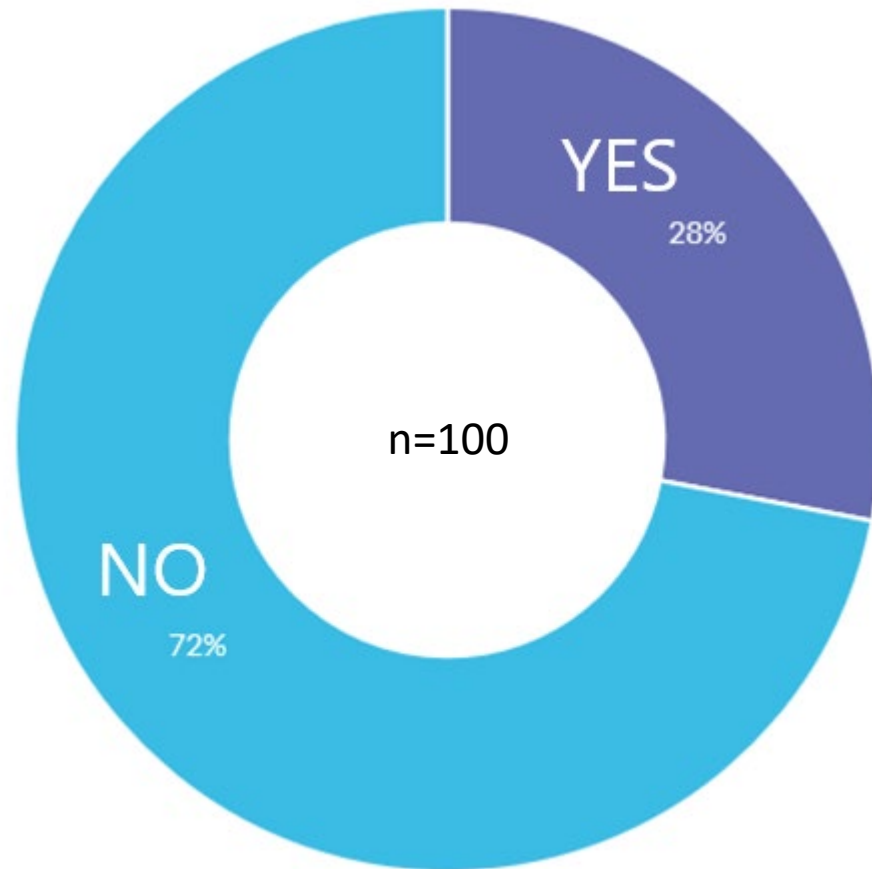
Dalkey Tidy Towns – Sustainable Energy Community

(Q1) In what type of dwelling do you live?

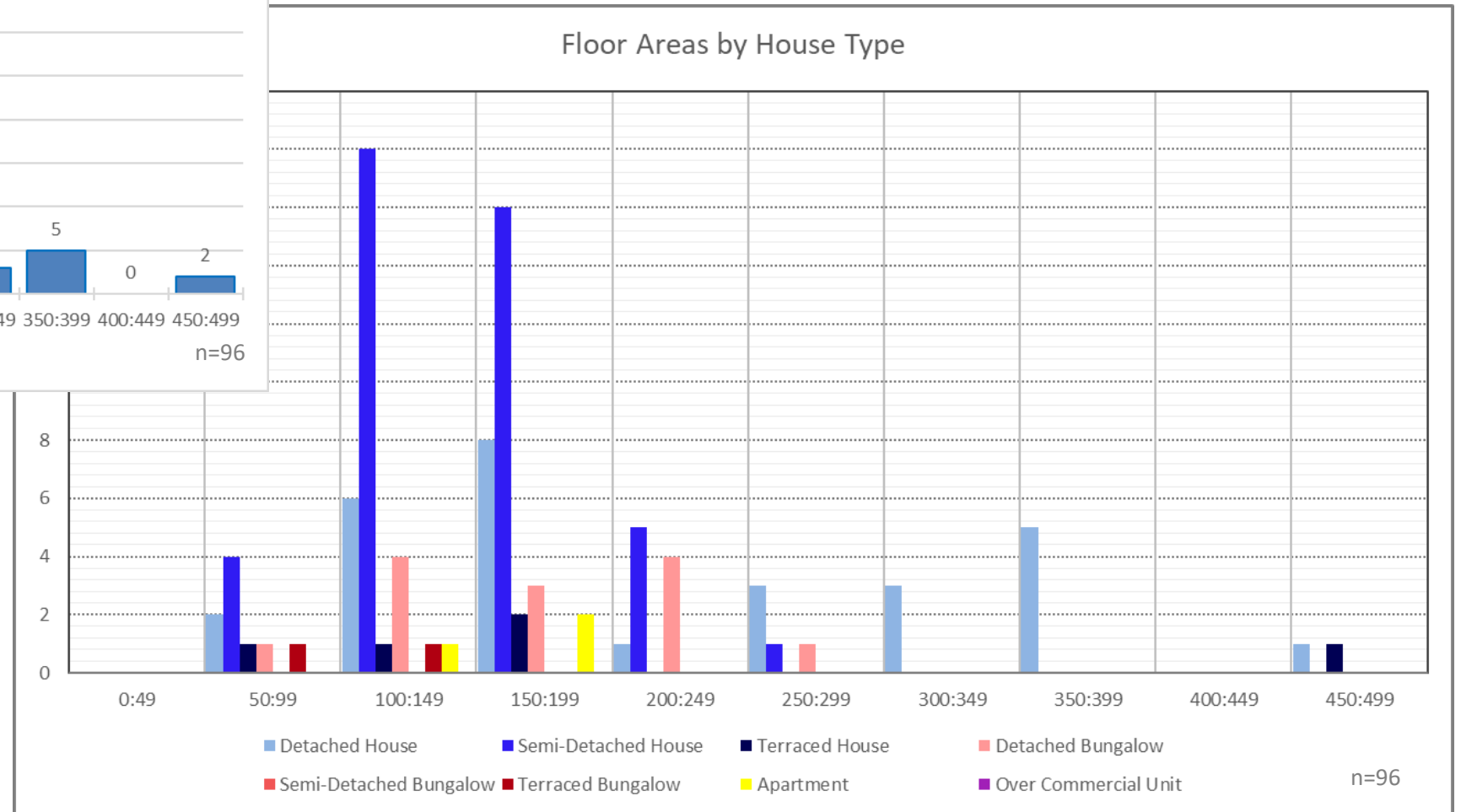
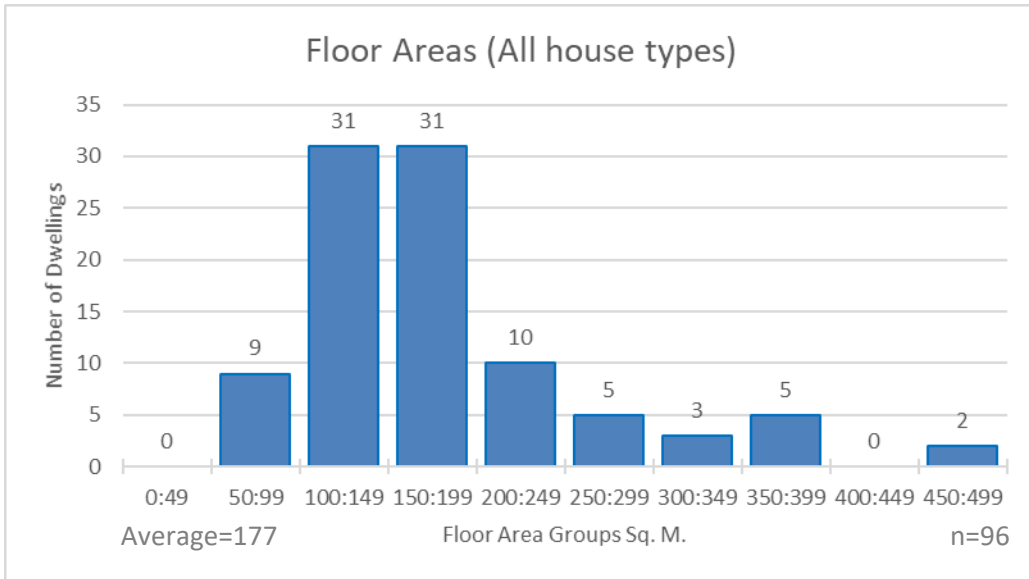


Choice	Total
Detached House	31
Semi-Detached House	45
Terraced House	5
Detached Bungalow	13
Semi-Detached Bungalow	0
Terraced Bungalow	3
Apartment (within a block or divided residential only building)	3
Residence Over Commercial Unit	0

(Q2) Does your dwelling have a dormer room or attic conversion?

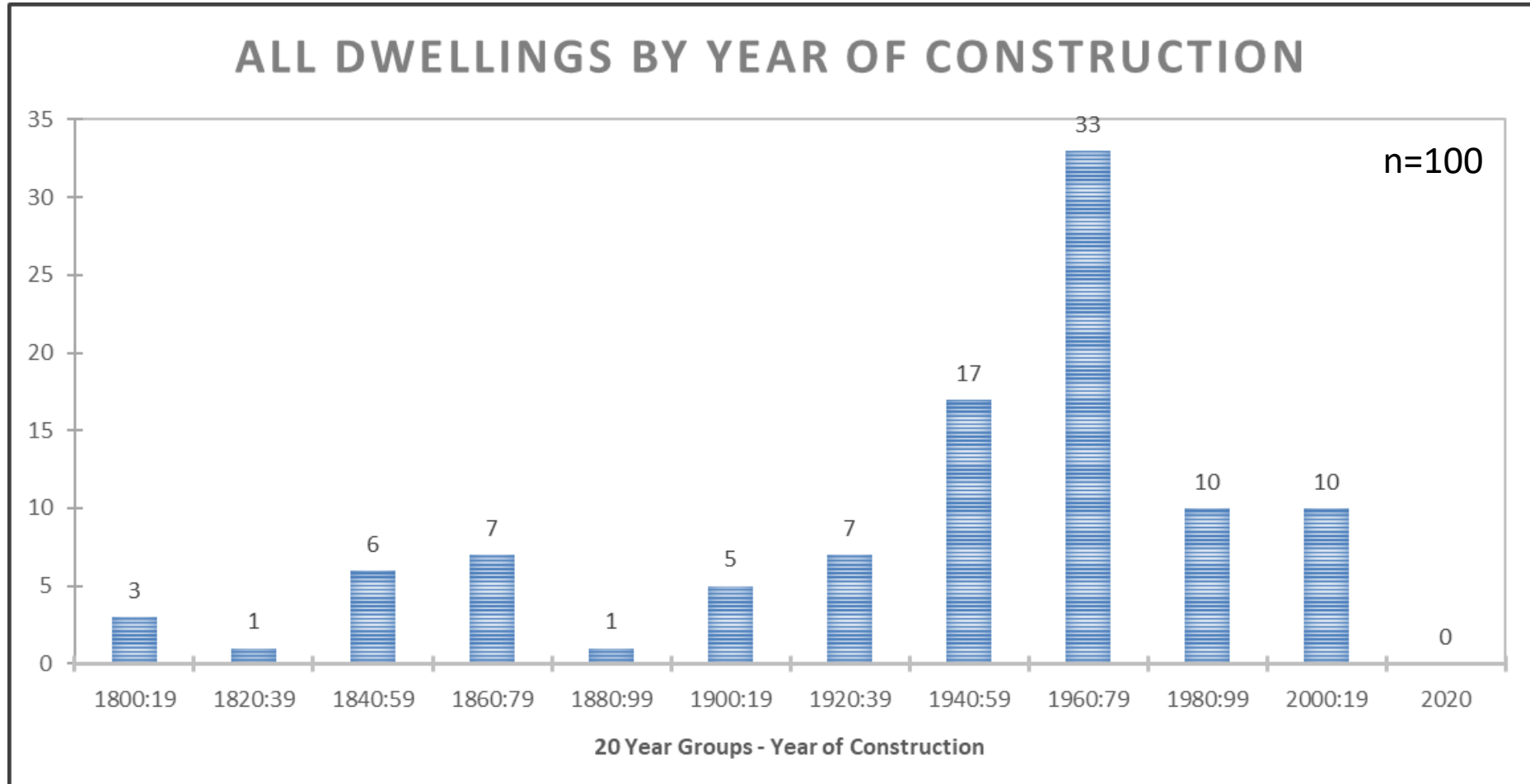


(Q3) What is the floor area of your dwelling?

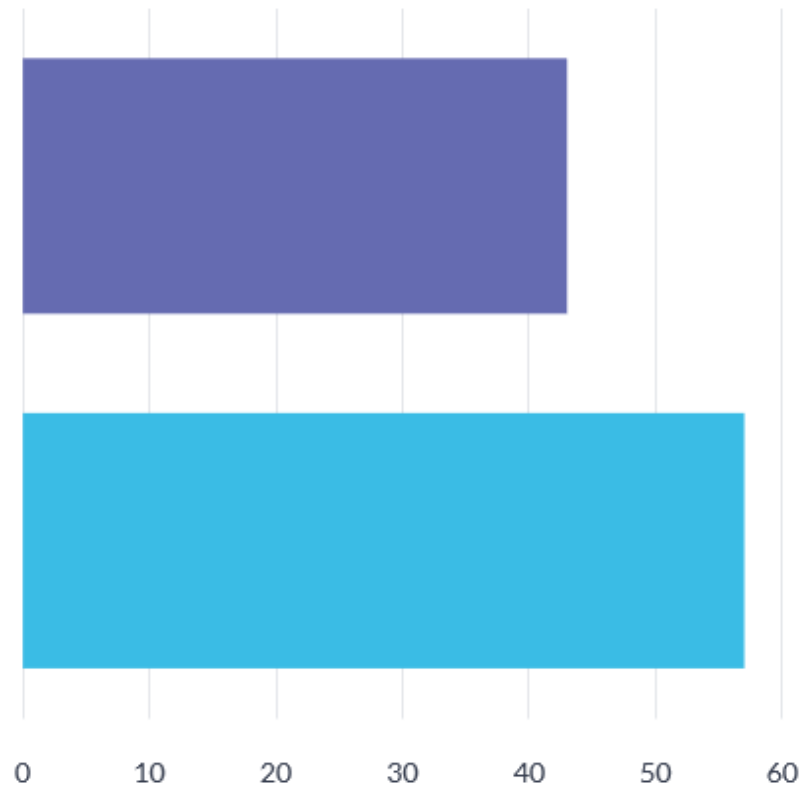


Floor Area Summation	Average
House Type	Area
Detached House	226
Semi-Detached House	151
Terraced House	188
Detached Bungalow	173
Semi-Detached Bungalow	0
Terraced Bungalow	81
Apartment	151
Over Commercial Unit	0
All types	177

(Q4) What is the (approx.) year of construction?



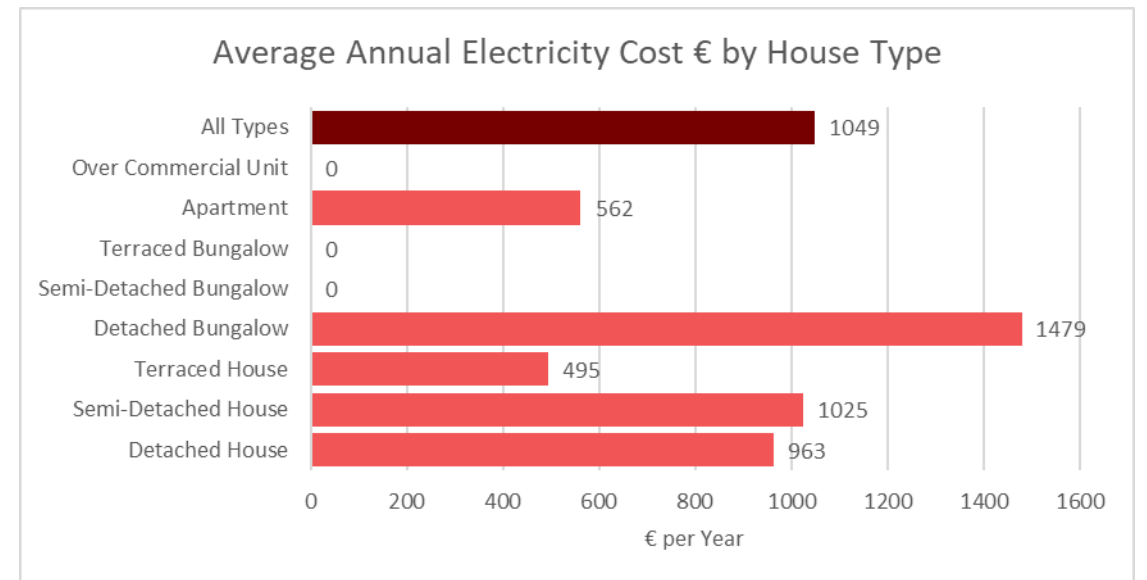
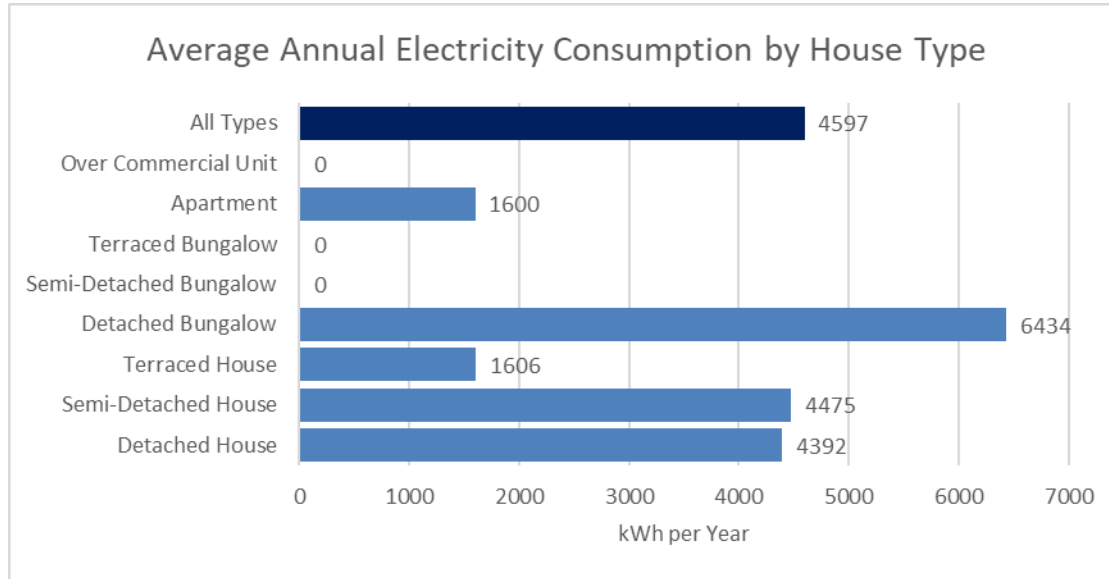
(Q5) Electricity consumption figures provided are actual from bills or are only estimated?



Choice	Total
● YES - I have my electricity bills to give ACTUAL figures	43
● NO - I need to give an estimate	57

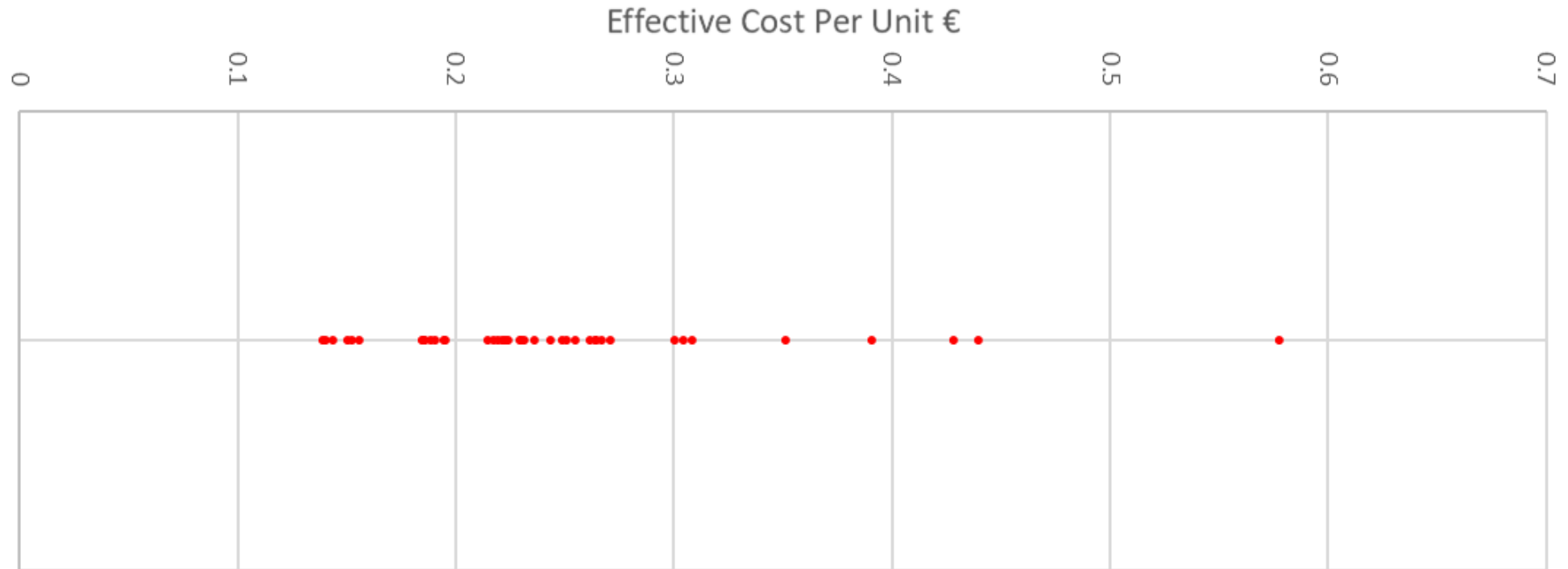
n=100

(Q6) What is your ACTUAL household Annual Electricity Consumption in kWh and cost in €



Cost of Electricity (Effective cost spreads)

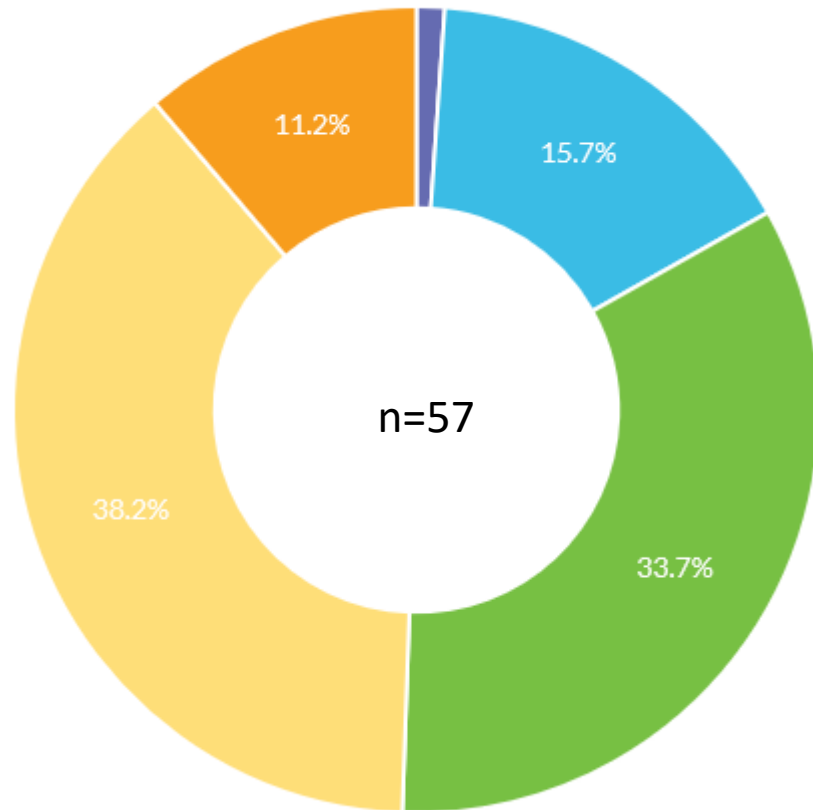
Cost per Unit incl. Standing Charge and PSO Levy [After removing spurious responses]



n=40

(Q7) What is your ESTIMATED household Annual Electricity Consumption in kWh

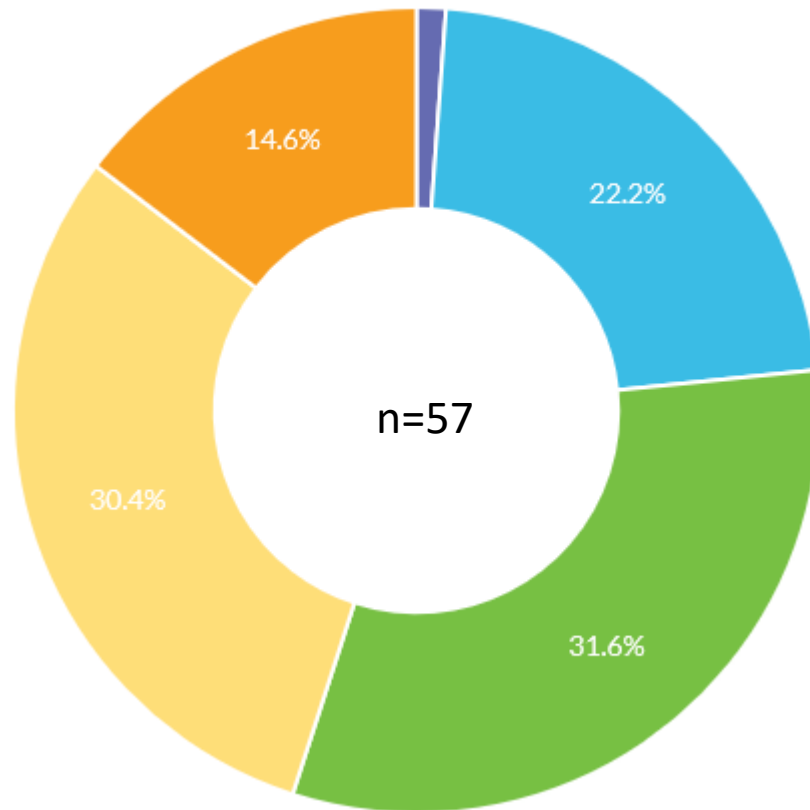
Relative to the average residential electricity usage in Ireland of 4,200 kWh per year
(Commission for Regulation of Utilities)



Choice	Rating	Total
1 - Far lower	2	2
2 - Somewhat lower	28	14
3 - About the average	60	20
4 - Somewhat higher	68	17
5 - Way higher	20	4

(Q8) What is your ESTIMATED household Annual Electricity bill in €?

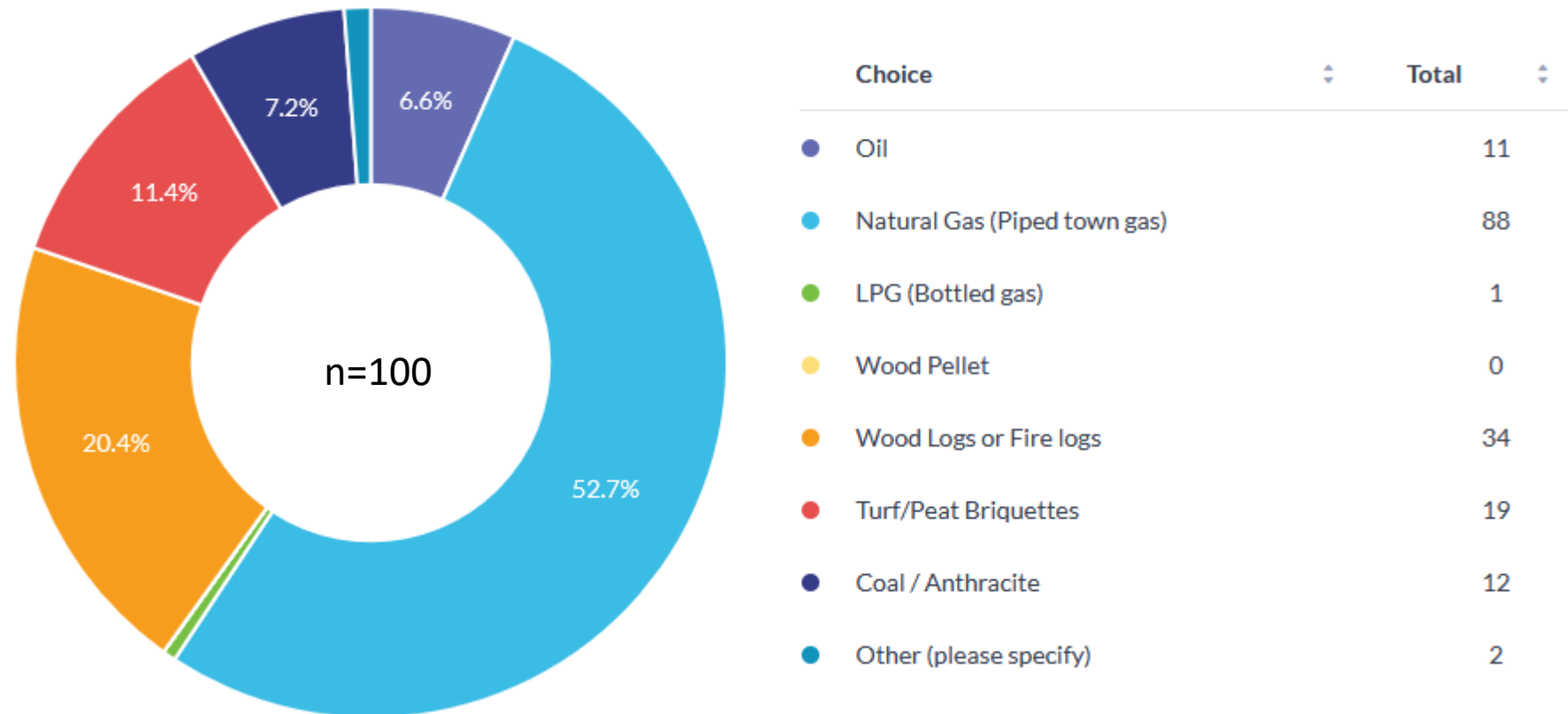
According to Selectra, residential electricity bills in Ireland average €1,035 per year.



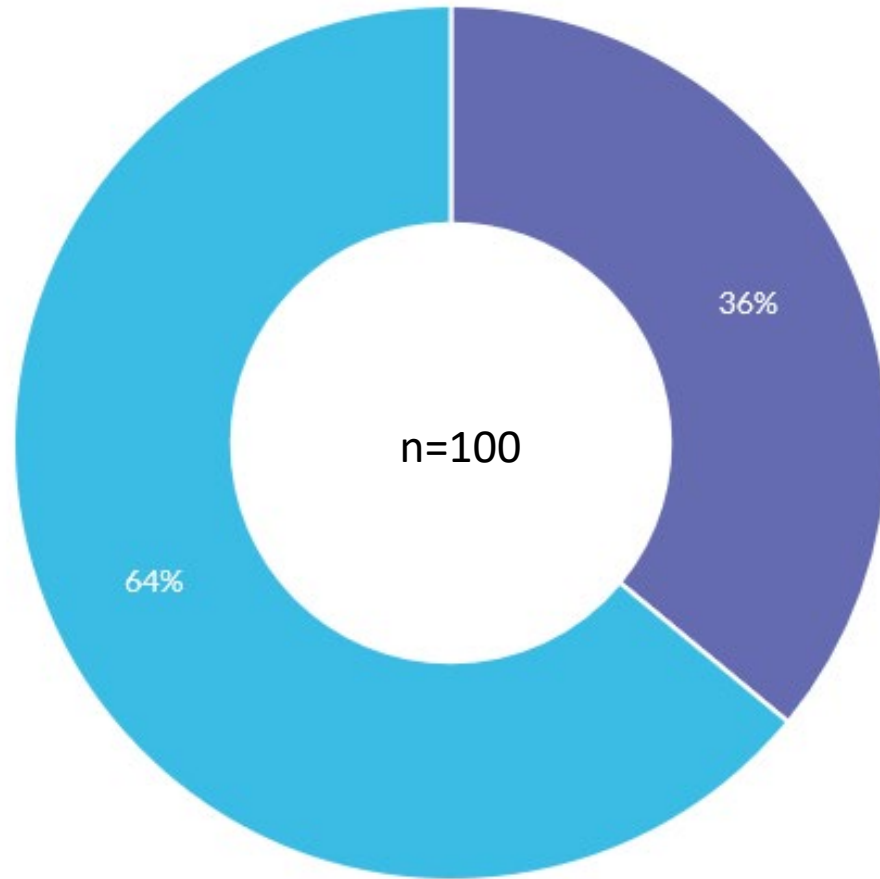
Choice	Rating	Total
1 - Far lower	2	2
2 - Somewhat lower	38	19
3 - About the average	54	18
4 - Somewhat higher	52	13
5 - Way higher	25	5

(Q9) Apart from electricity, what other fuels do you use in your dwelling? (Multiple answers possible)

(For example that you use for general heating, cooking, water heating, etc.)

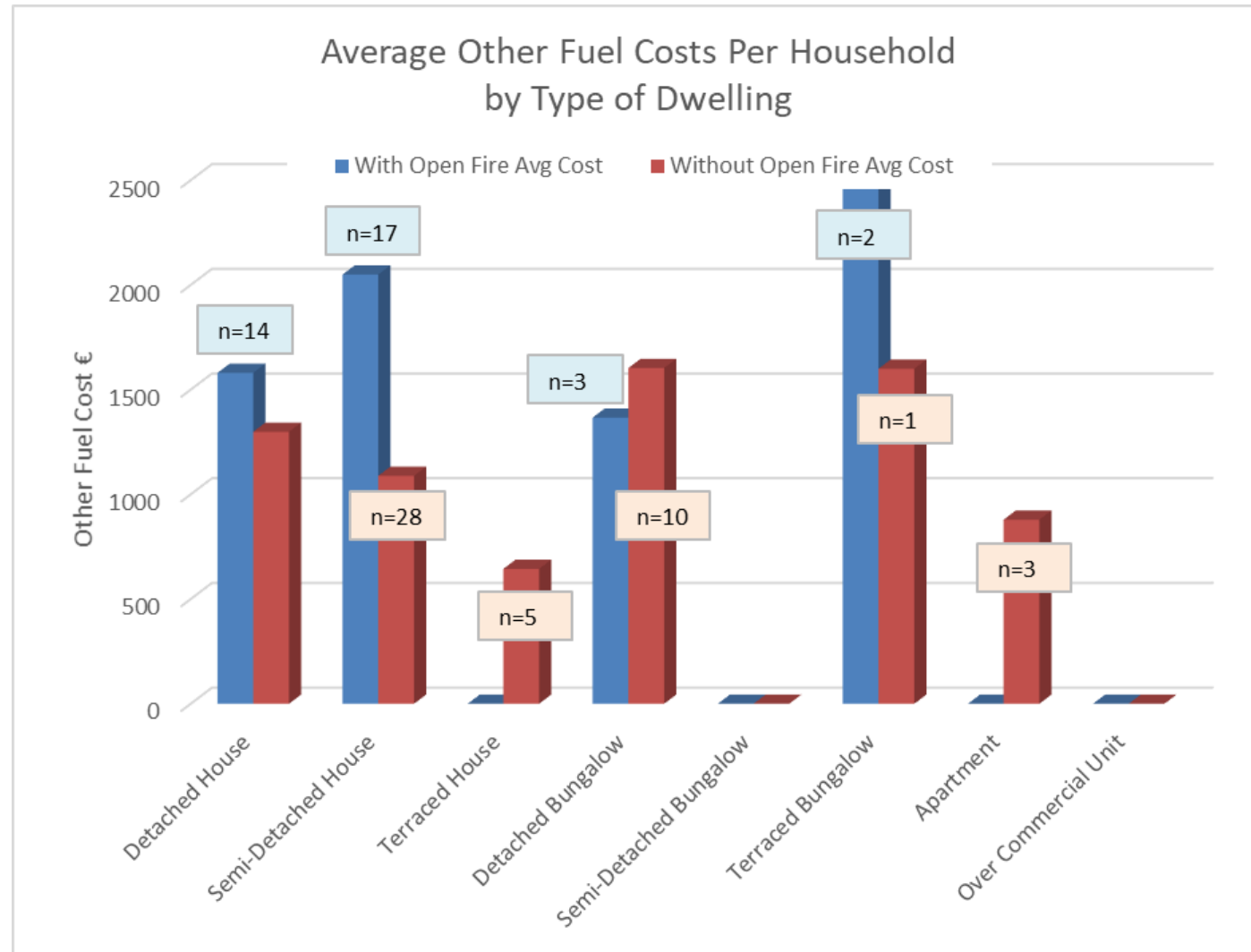


(Q10) Do you use an open fire?

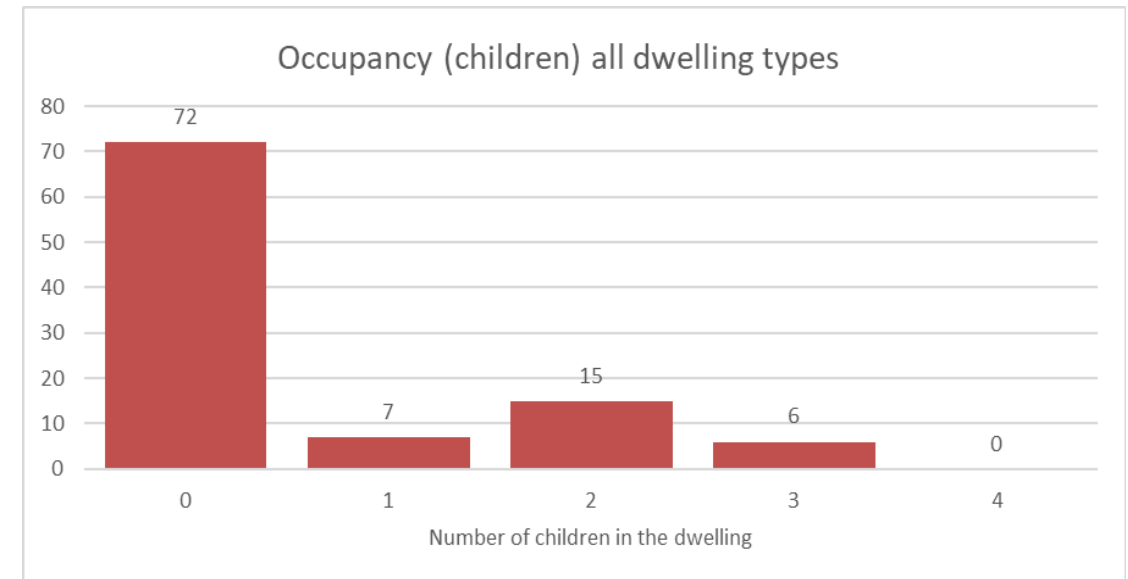
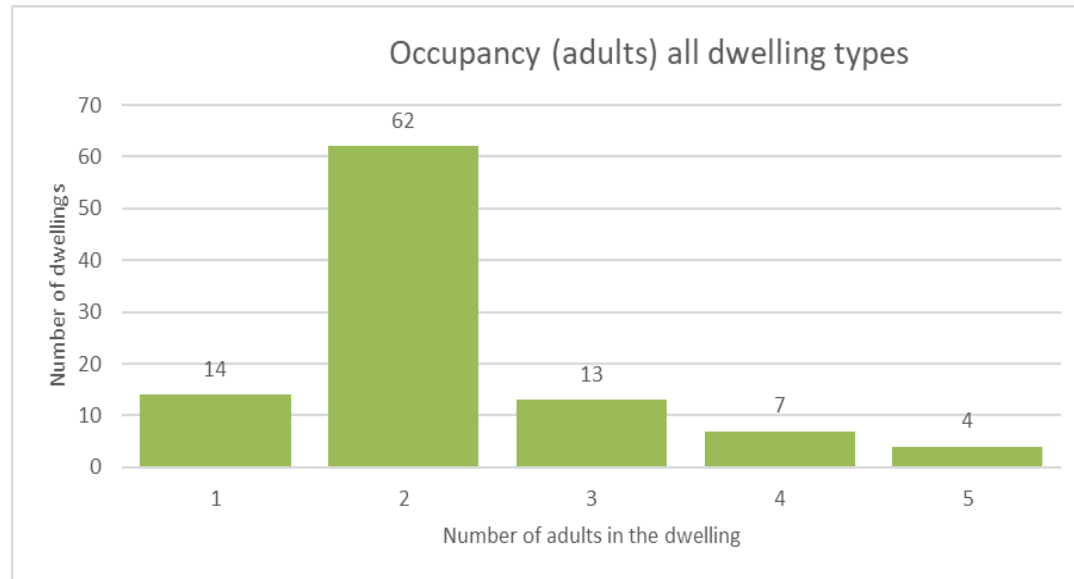


Choice	Total
● YES	36
● NO	64

(Q11) Annual spend on all other fuels used in the dwelling excluding electricity.

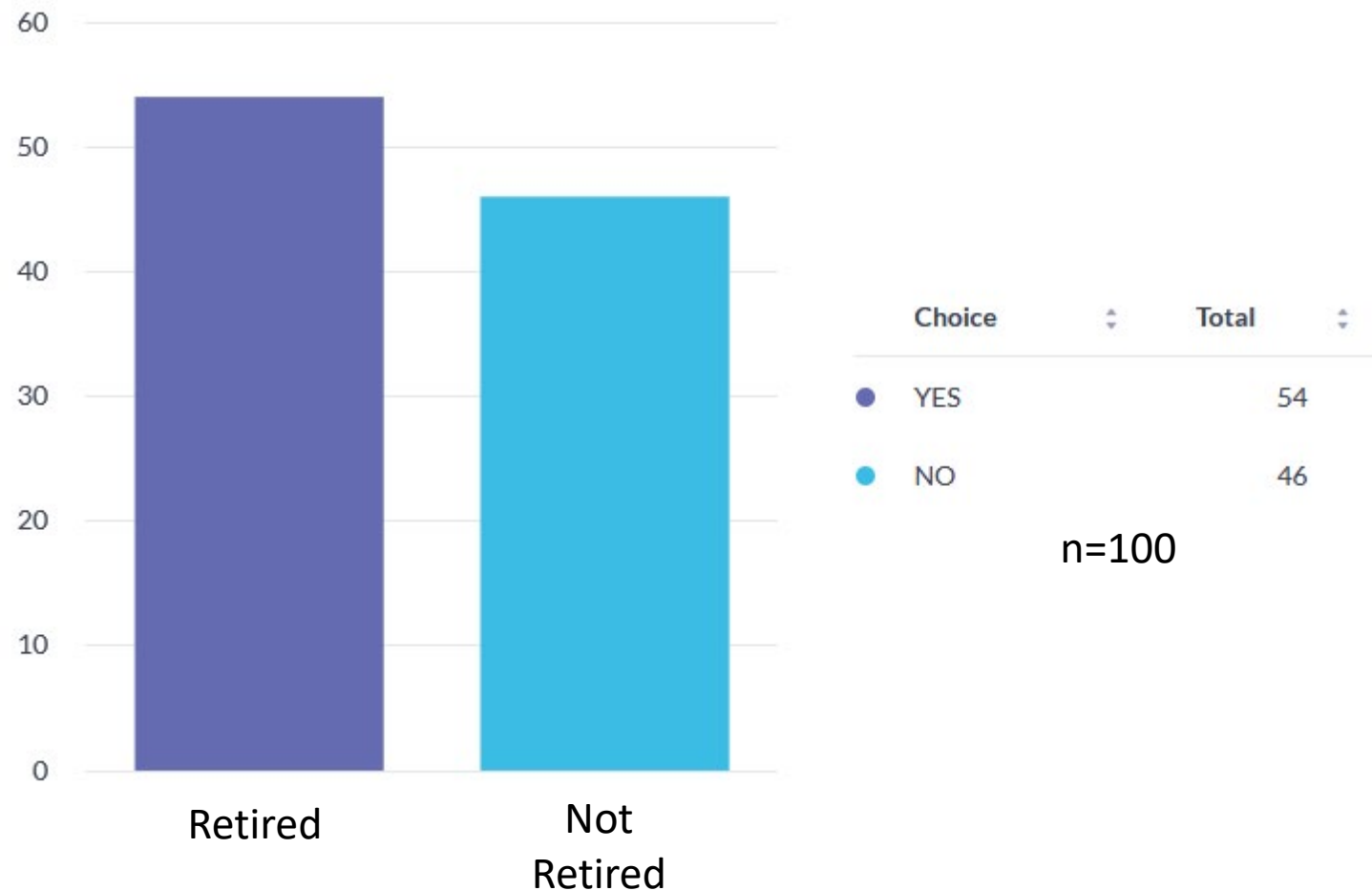


(Q12) How many people live in the dwelling? B

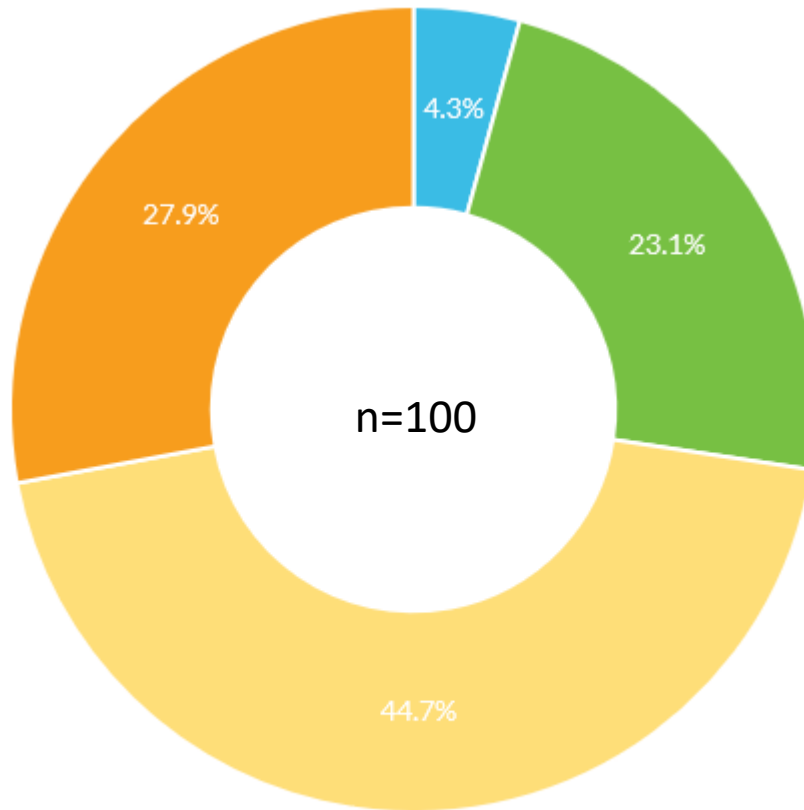


(Q13) Are you retired?

Indication that greater time may be spent in the house during the day

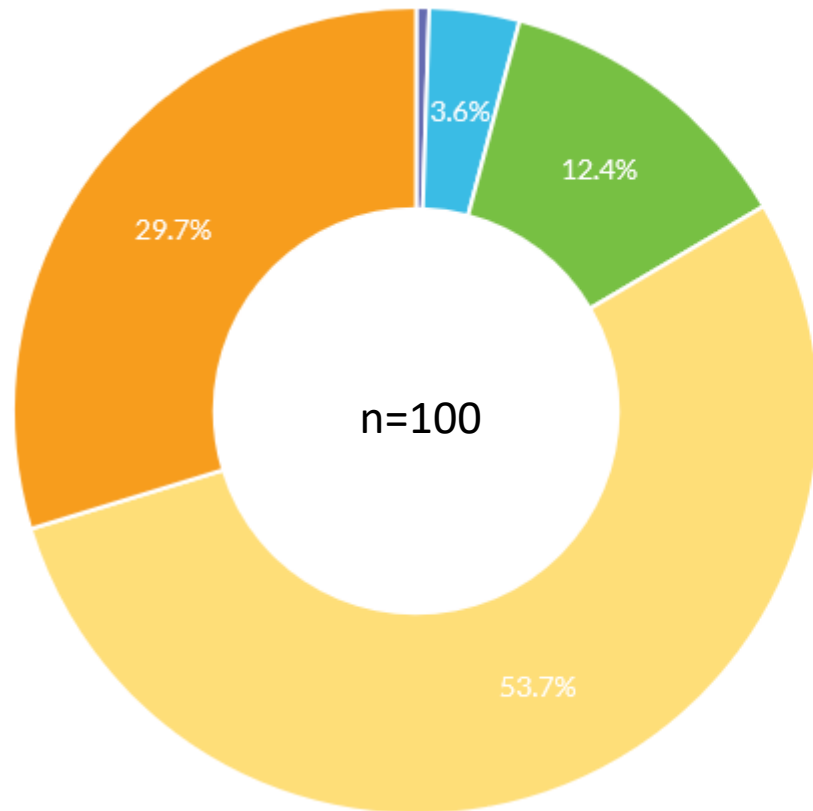


(Q14) Perceived current comfort of dwelling



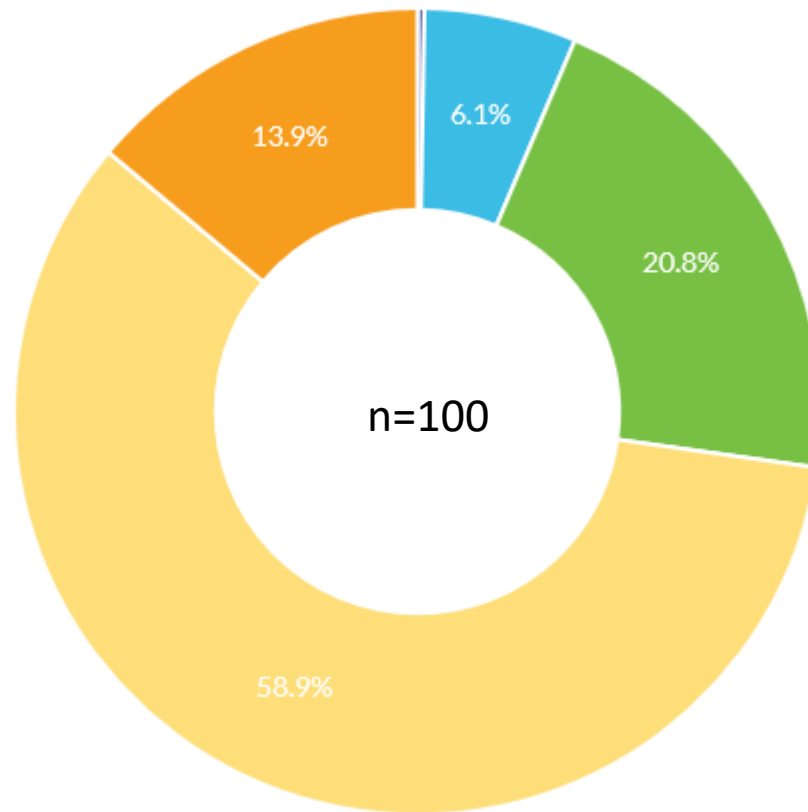
Choice	Rating	Total
1 - Extremely Uncomfortable	0	0
2 - Quite Uncomfortable	16	8
3 - Middling	87	29
4 - Quite Comfortable	168	42
5 - Extremely Comfortable	105	21

(Q15) Do you think energy improvements to your dwelling would make your home more comfortable and enjoyable?



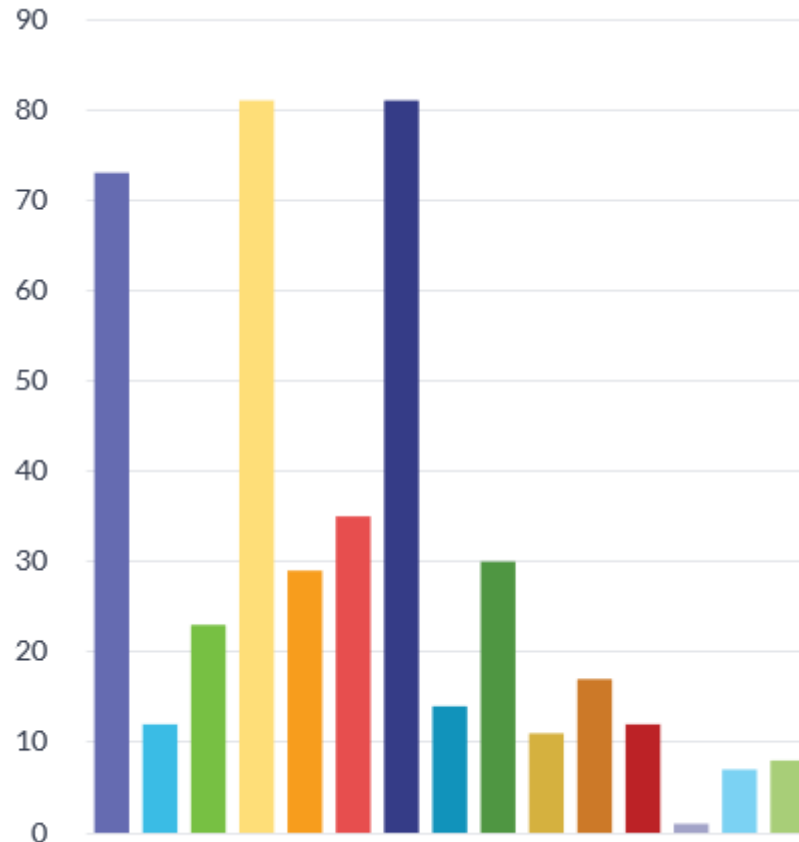
Choice	Rating	Total
1 - Strongly Disagree	2	2
2 - Disagree	14	7
3 - Neither Agree nor Disagree	48	16
4 - Agree	208	52
5 - Strongly Agree	115	23

(Q16) Do you think energy improvements to your dwelling would increase its monetary value?



Choice	Rating	Total
1 - Strongly Disagree	1	1
2 - Disagree	22	11
3 - Neither Agree nor Disagree	75	25
4 - Agree	212	53
5 - Strongly Agree	50	10

(Q17) Existing implementation of energy efficiency improvements in your home?

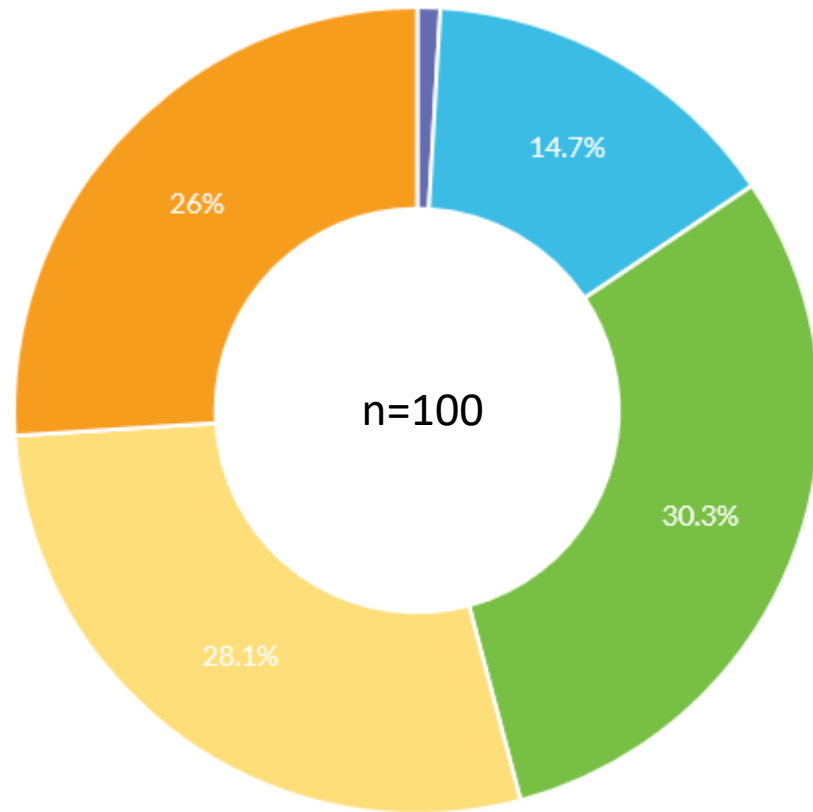


n=100 Multiple answers possible

Choice	Total	Choice	Total
Installed fibre wool or similar attic insulation	73	Internal insulation on the walls of most rooms	30
Foam coating on inside roof of attic space	12	External insulation fixed to outer walls ("wrapping")	11
Fitted chimney balloons (to seal off chimneys of disused fireplaces)	23	Under-floor insulation (usually done in older houses with void to untreated ground below ground floorboards)	17
Replaced bulbs in most light fittings with LED bulbs	81	Fitted solar panels to heat water	12
Installed a wood/pellet burning stove to replace an open fire	29	Fitted solar PV panels to generate electricity	1
Installed independent room thermostats for central heating	35	Installed heat pump	7
Replaced most windows and doors with double/triple glazing	81	Other (please specify)	8
Injection insulation into external cavity walls	14		

(Q18) Potential to invest in energy efficiency

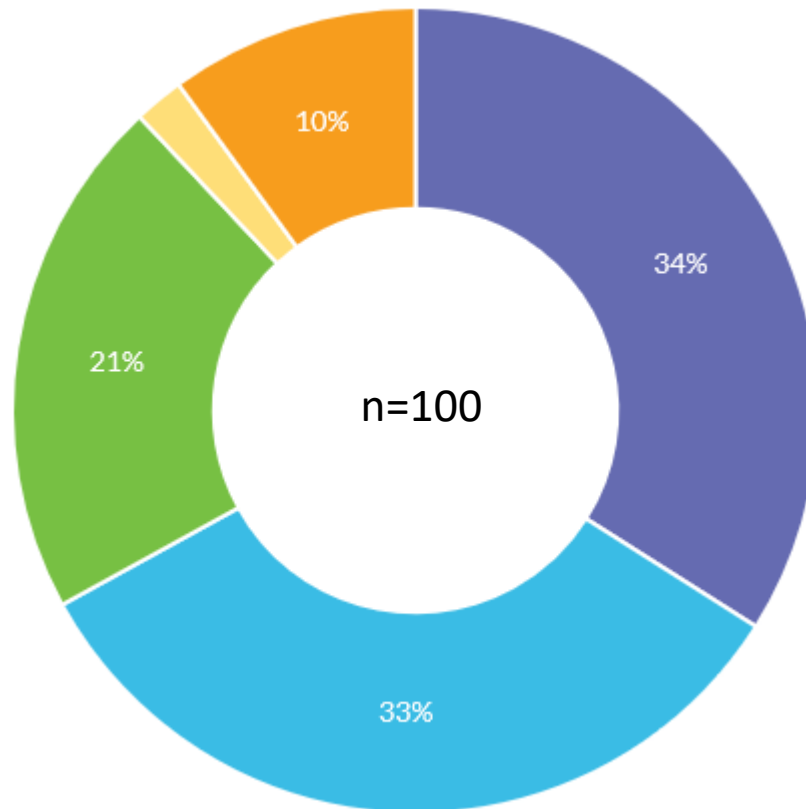
Would you consider investing in your dwelling to improve energy efficiency and comfort?



Choice	Rating	Total
1 - Not at all likely	3	3
2 - Not so likely	48	24
3 - Somewhat likely	99	33
4 - Very likely	92	23
5 - Extremely likely	85	17

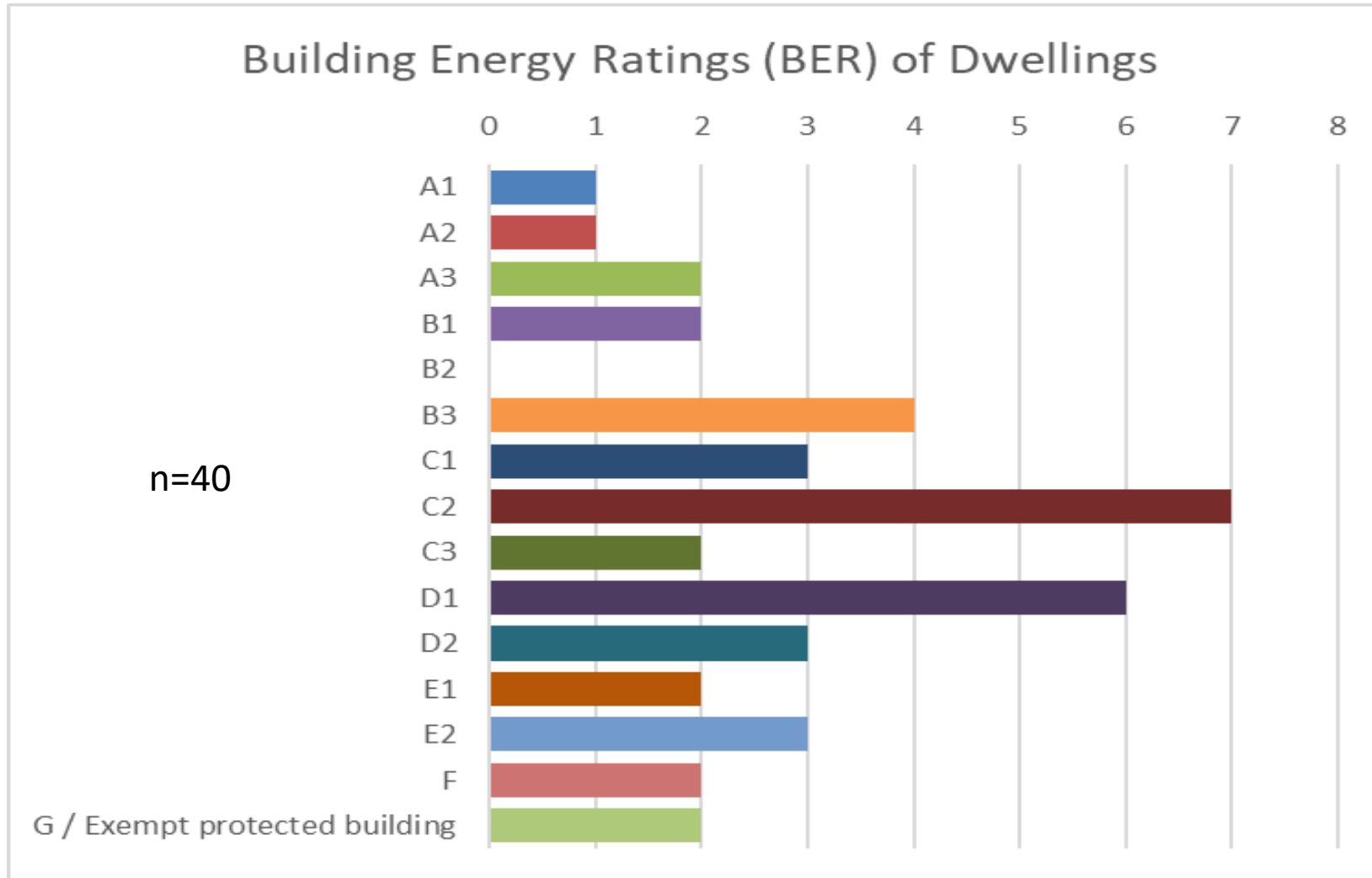
(Q19) Likelihood to invest in energy upgrades

If you are considering energy efficiency upgrades to your dwelling in the next year or so, what would be your most likely available budget range?



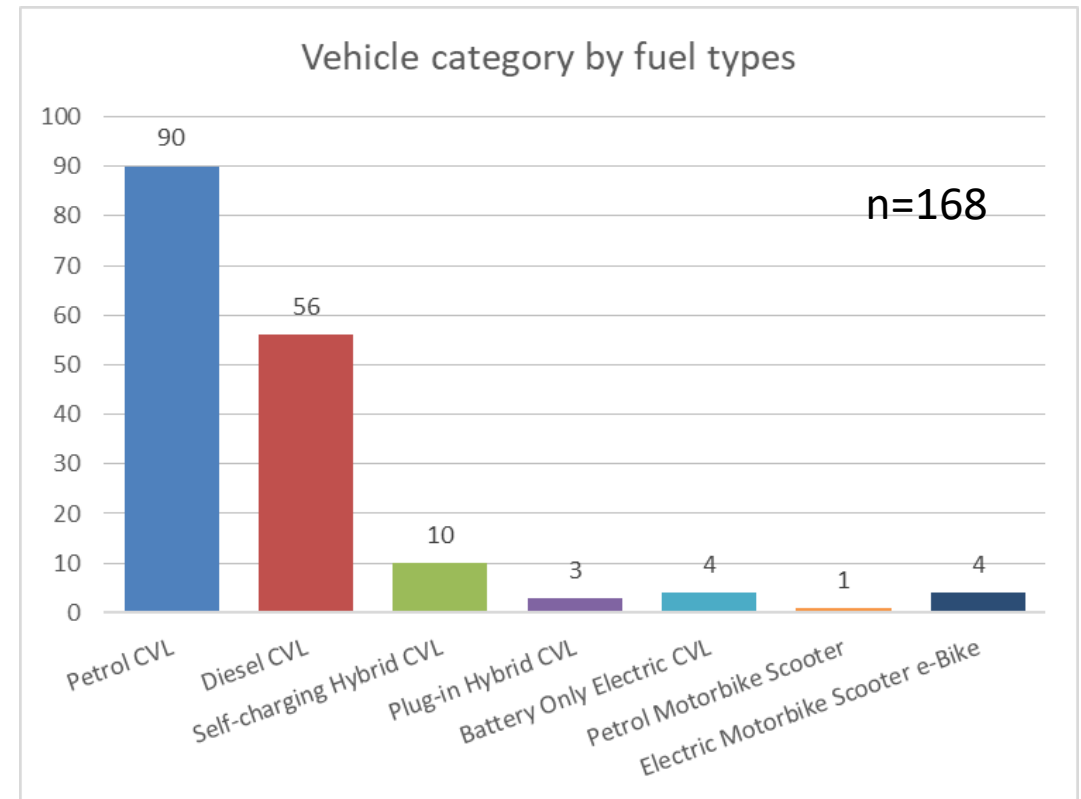
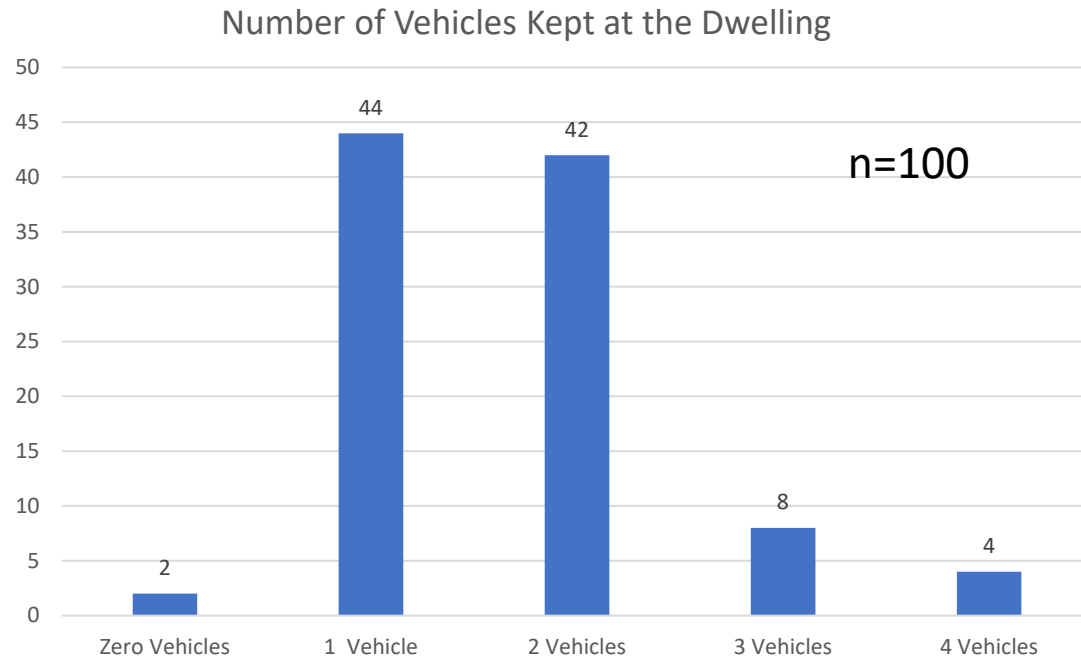
Choice	Total
● Not investing	34
● Basic Package: €1,000 - €10,000 (Achieve C Rating)	33
● Standard Package: €10,000 to €30,000 (Achieve B2 Rating)	21
● Advanced Package: >€30,000 achieve A2 rating	2
● Do not wish to answer	10

(Q20) BER rating of dwellings.



60 respondents either didn't have a BER or did not know their BER.

(Q21) How many motor vehicles are kept at the dwelling. (Include only those that are used regularly.)



Of the 100 dwellings surveyed:

- Only 2 didn't have a motor vehicle of any kind
- None had more than 4 vehicles
- A total of 168 vehicles are kept between 98 dwellings

(Q22) How much do you estimate that you spend ANNUALLY on fuel for your vehicles?

Average Costs for Vehicle Fuel

- €1,517 per year dwelling
- €885 per vehicle
- €969 for the primary vehicle
- €879 for the 2nd vehicle
- €687 for the 3rd vehicle
- Insufficient samples to provide average for 4th vehicle

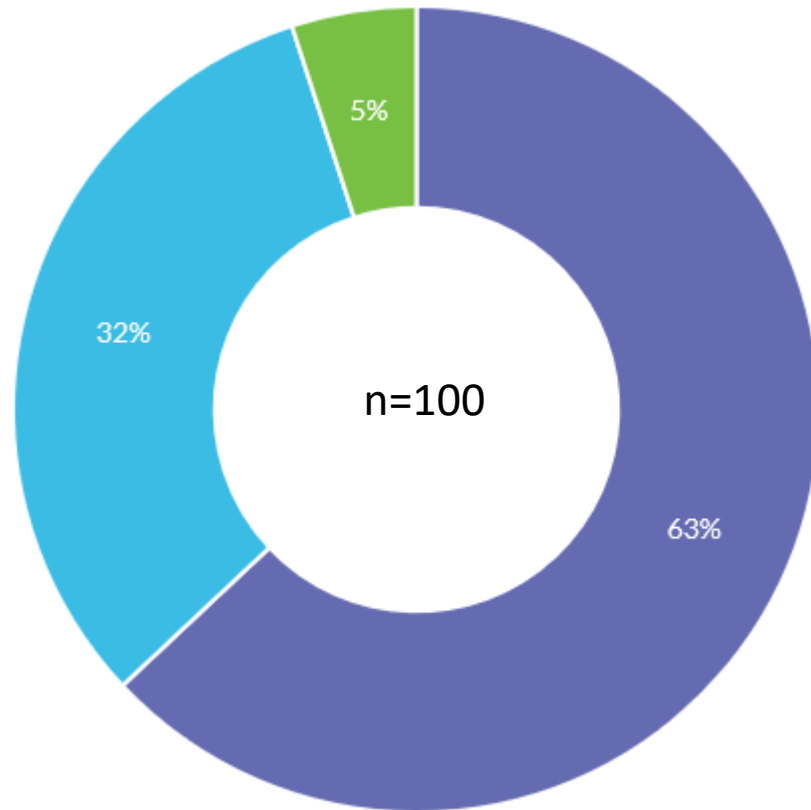
Average Annual Cost for Petrol or Diesel vs. electric types

- Petrol €1,010
- Diesel €1,123
- Self charge hybrid €600
- Plug-in hybrid €500
- Battery Only Electric €198/year
- Note: the distance travelled per year was not captured.

n=100ehil

(Q23) Would you consider buying a battery electric car “BEV” within the next 5 years?

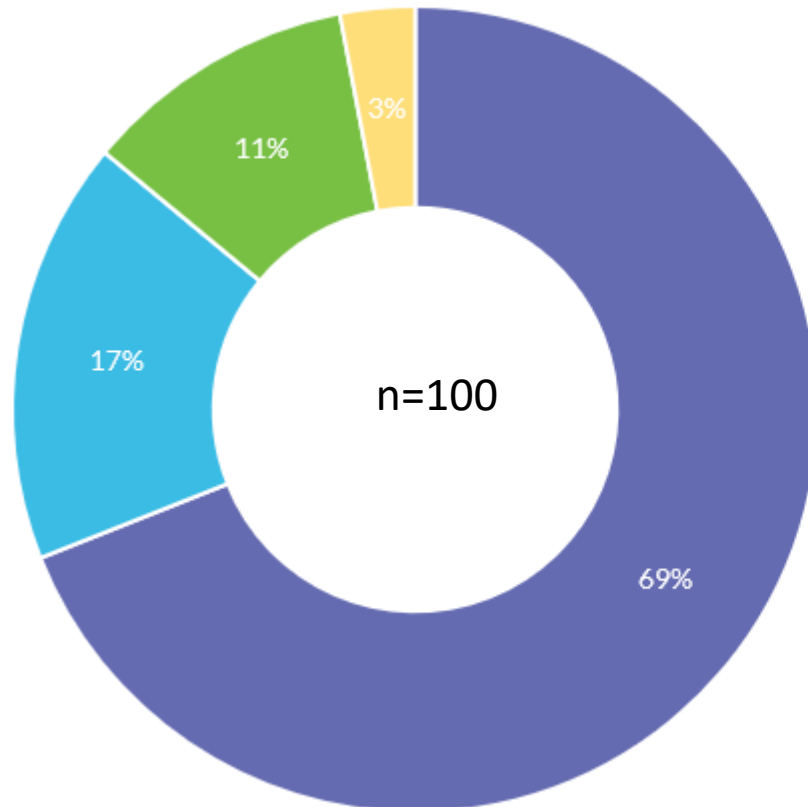
“BEV” (a vehicle which can only be recharged by plugging it in to an external charge point)



Choice	Total
● YES	63
● NO	32
● ALREADY HAVE A BEV	5

(Q24) Would you consider buying a hybrid petrol-electric car within the next 5 years?

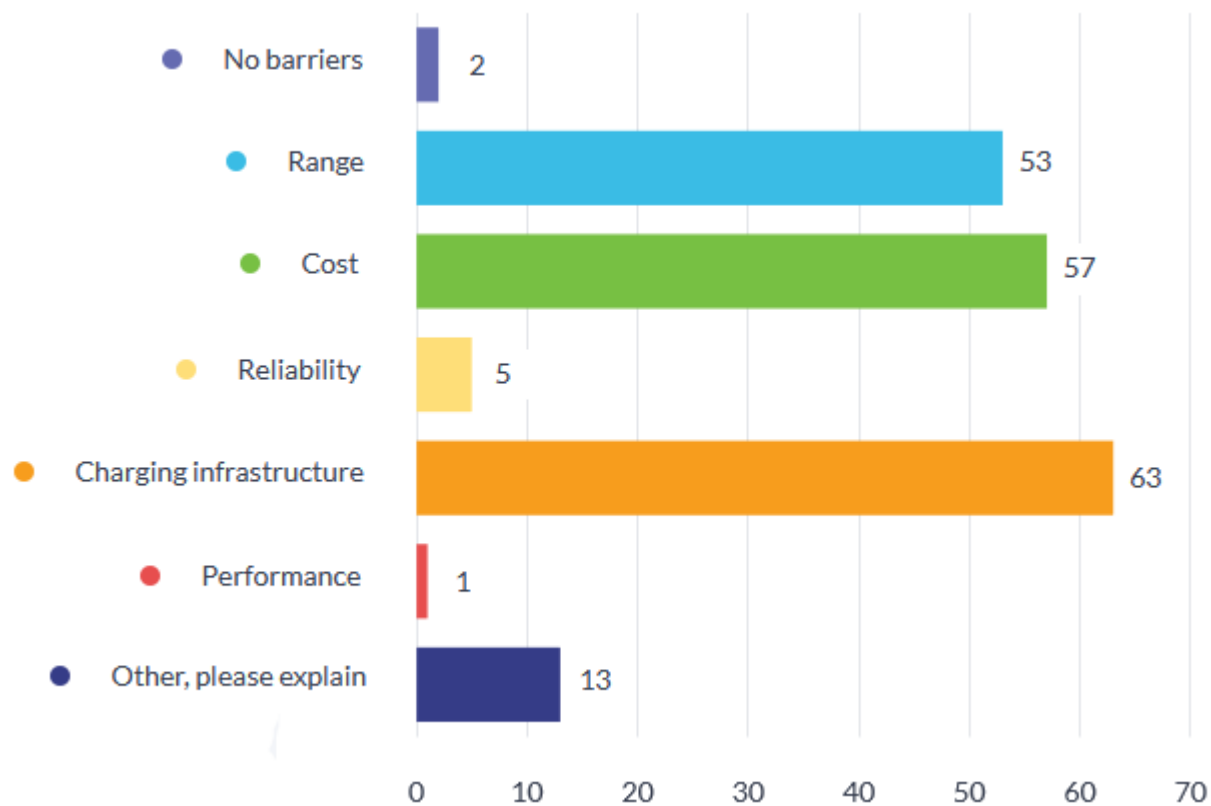
(i.e. a car that has a petrol engine but supplements this with electric power, either by self-charging while running on petrol mode or by plugging it in to the mains to charge - plug-in hybrid).



Choice	Total
YES	69
NO	17
ALREADY HAVE A HYBRID PETROL - ELECTRIC VEHICLE	11
ALREADY HAVE A BATTERY ONLY ELECTRIC VEHICLE	3

(Q25) What do you feel are the main barriers to electric vehicles?

Choose at least one and a maximum of three answers.?

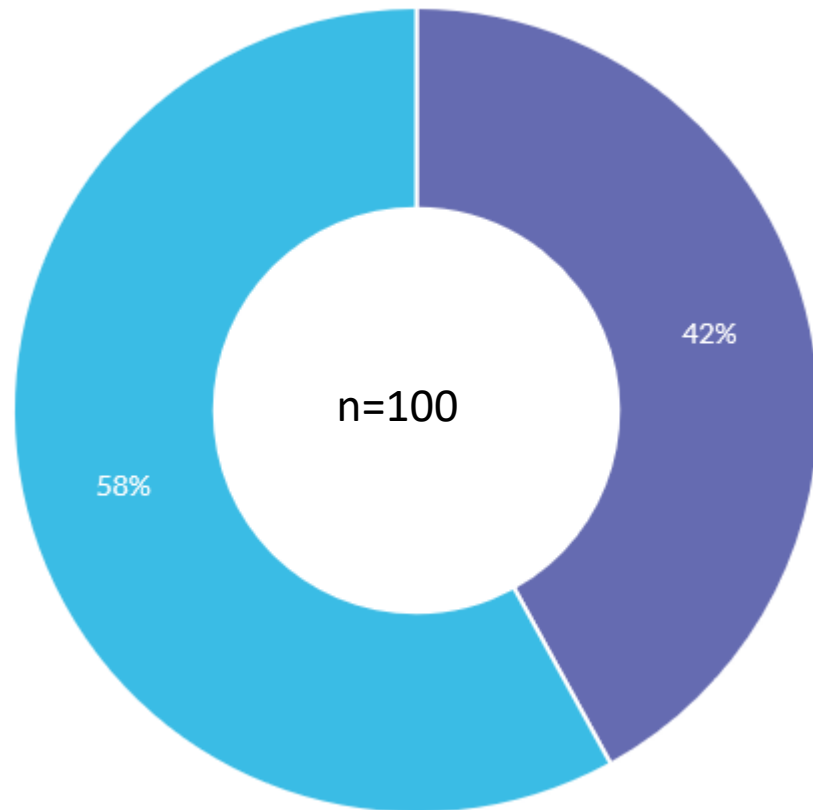


Other, please explain:

- Battery life.
- Plug-In is inconvenient.
- Desirability/style of the vehicle.
- Controversial information regarding the battery production process.
- I am too old to purchase one.
- Lithium battery problems.
- No towing availability on virtually all current models.
- Too quiet.
- Very little if no 7 seater options available.
- Hard to buy second-hand.
- They too have negative environmental impacts, so I don't know if it would be worth it.

OPTIONAL ADDENDUM SECTION. Interest to be contacted if community energy project established.

Respondents who agreed to provide contact details so DTT could get in touch should an SEAI grant aided community energy project get underway which could support energy efficiency upgrades to their homes.



Choice	Total
● Yes I'm interested - CONTINUE TO OPTIONAL SECTION	42 *
● No thank you - END THE SURVEY NOW	58

* 41 actually left contact details