





Presentation on the Household Socio Economic and Energy Use Baseline Survey, Bartica, Guyana

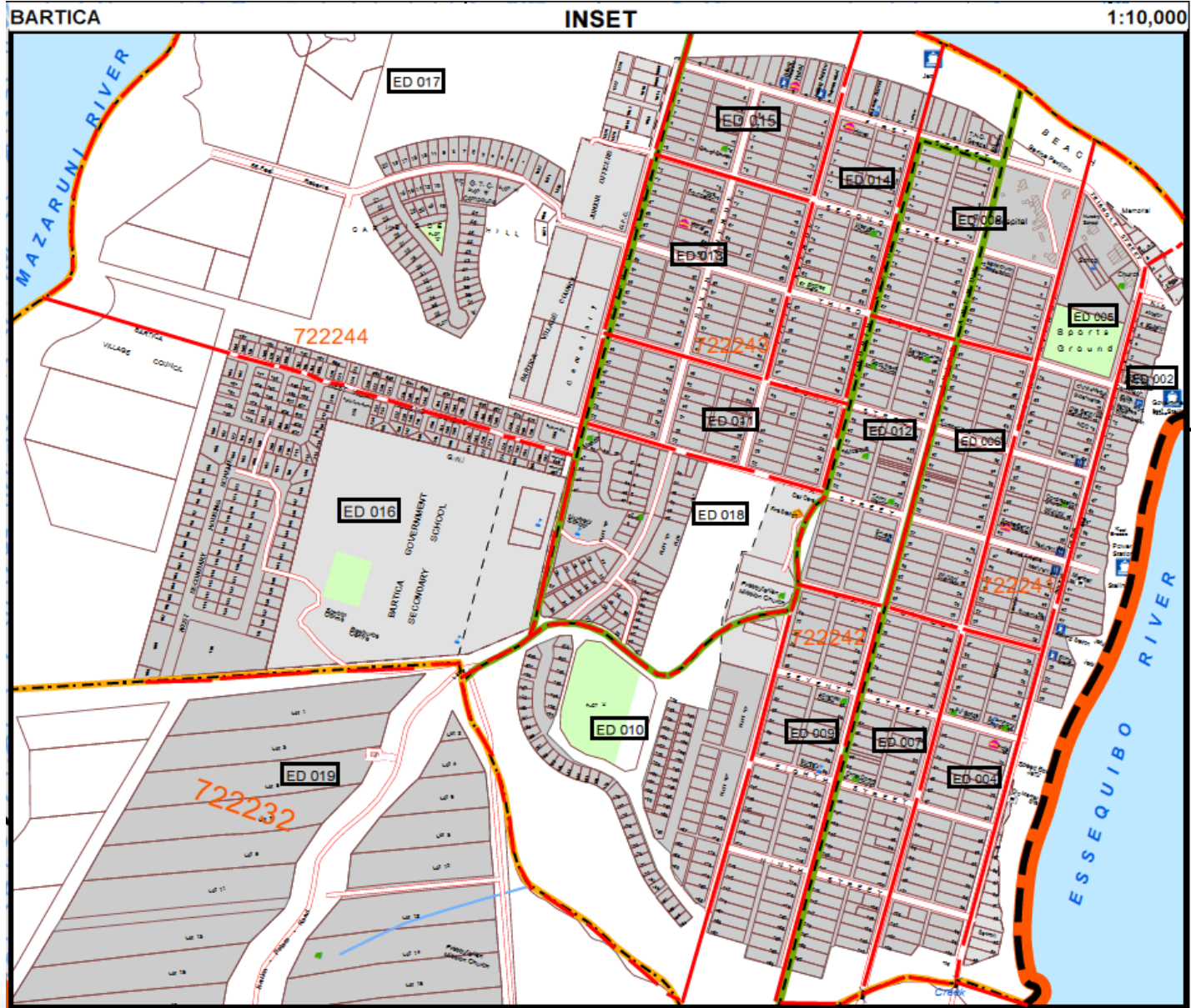
Presenter:
Troy Thomas, Ph.D.
For TCG

Data and Method

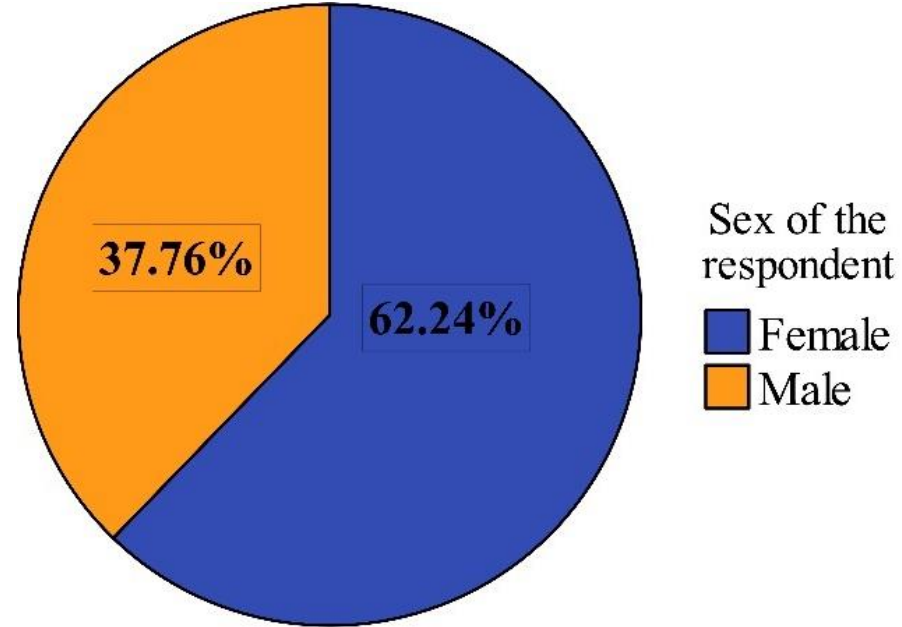
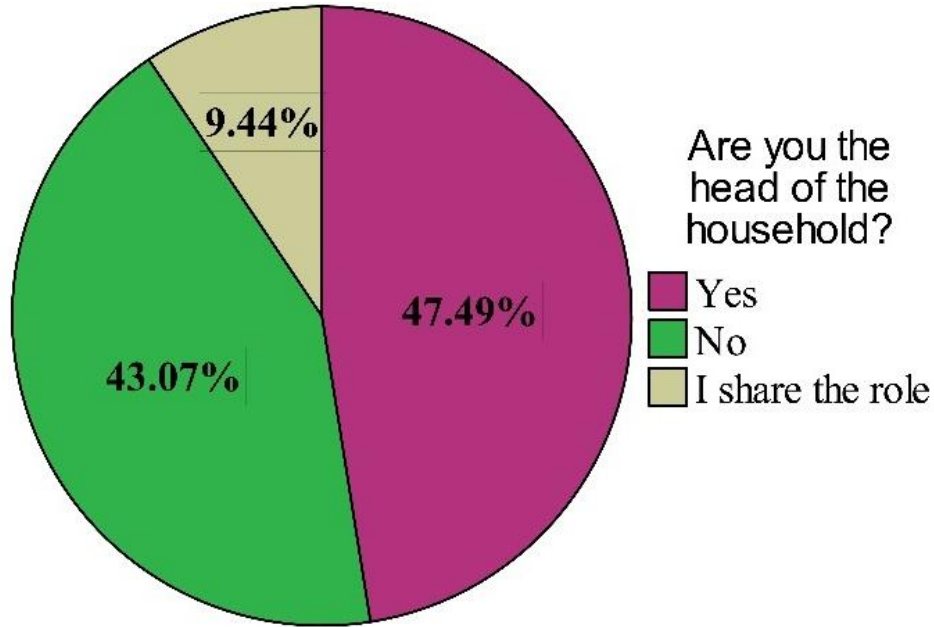
- Population --- 2219 households (8004 individuals)
- Survey target – 328 households (max. error of 5% with 95% confidence)
- Sample size – 339 households (98.5% response rate, some oversampling)
- Survey Period -- July 16 – 27, 2018
- Number of Interviewers – 13.
- Questionnaire – Developed by TCG, reviewed by stakeholders.
- Survey Mode – CAPI (used the KoBoToolbox platform)

Data and Method

BOS EDs



Respondents

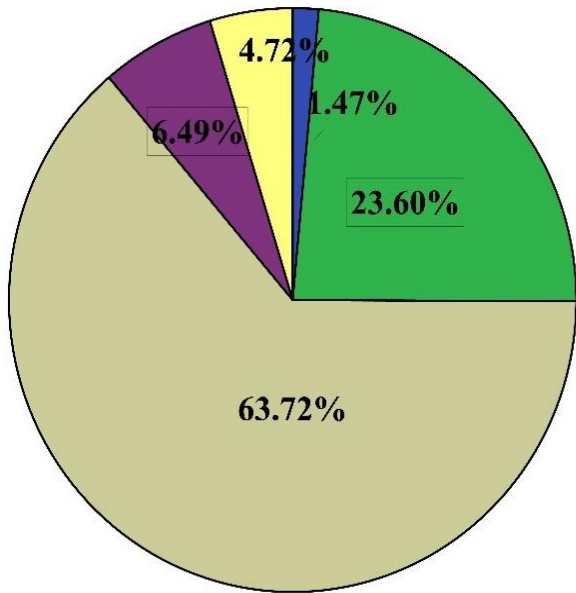


- Average age = 43.56 years

Respondents

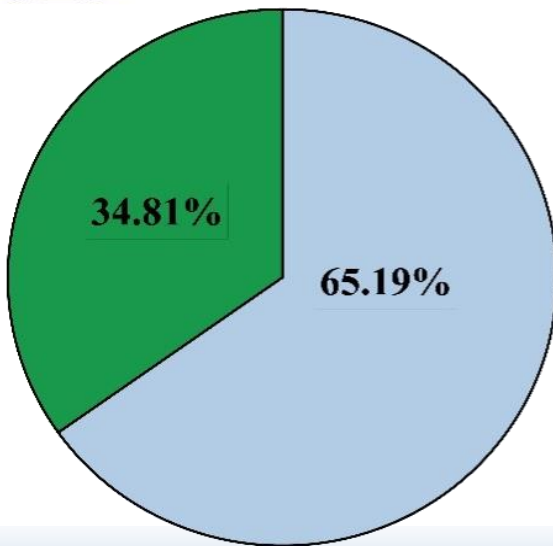
What is the highest level of education that you have completed?

- Less than primary
- Primary
- Secondary
- Post secondary(eg. CPCE, GTI)
- University

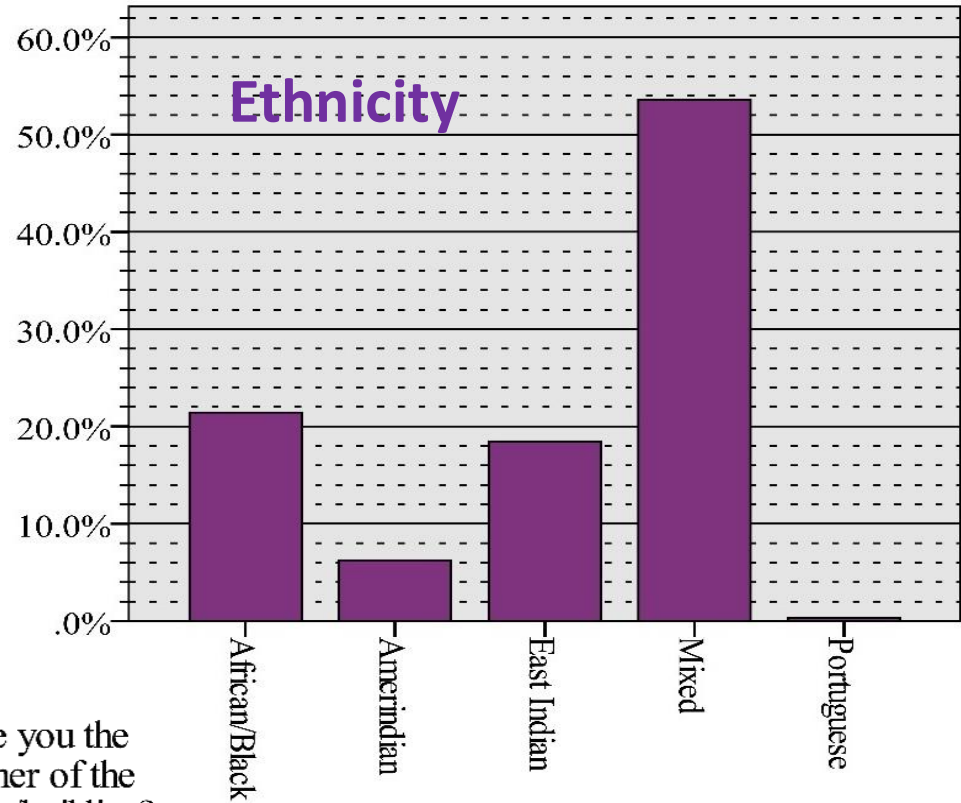


Are you the owner of the house/building?

- No
- Yes

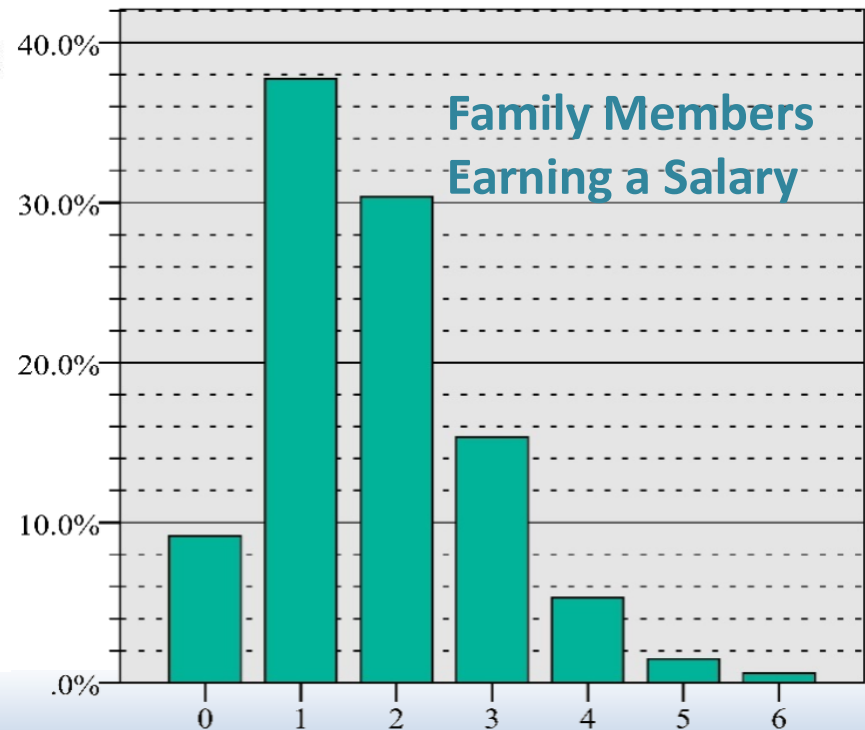
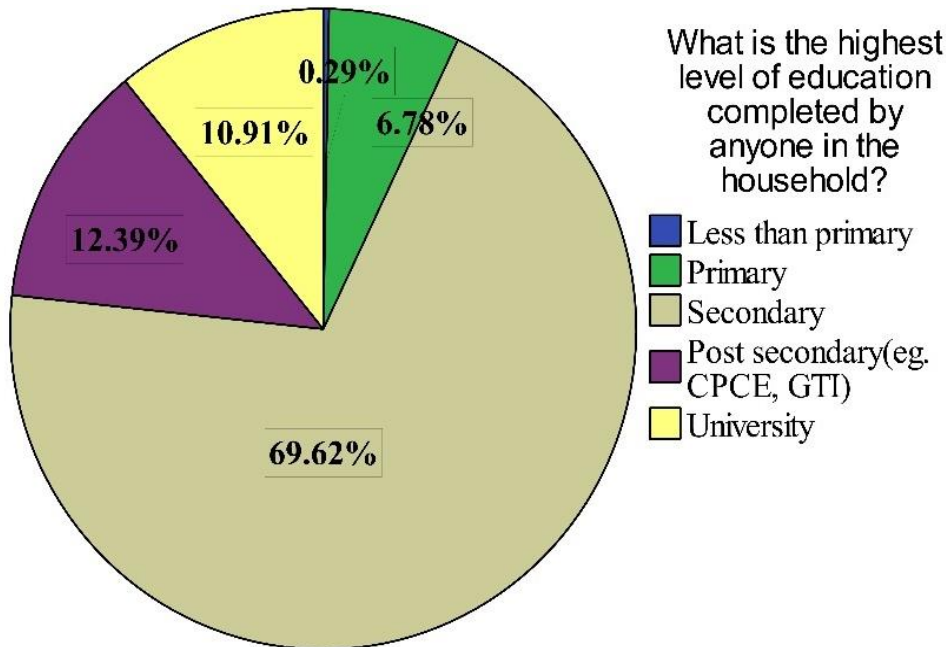


Ethnicity

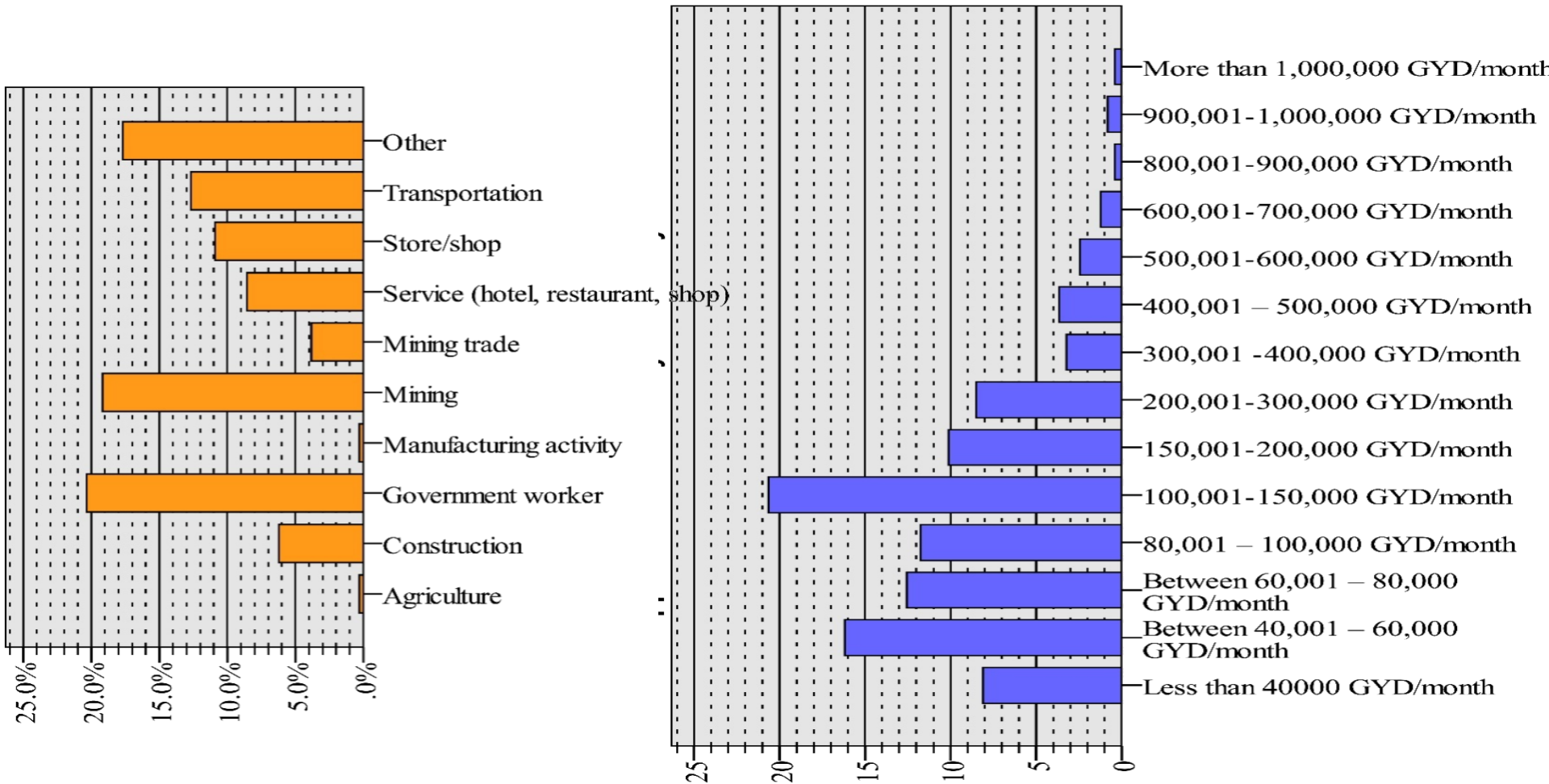


Households

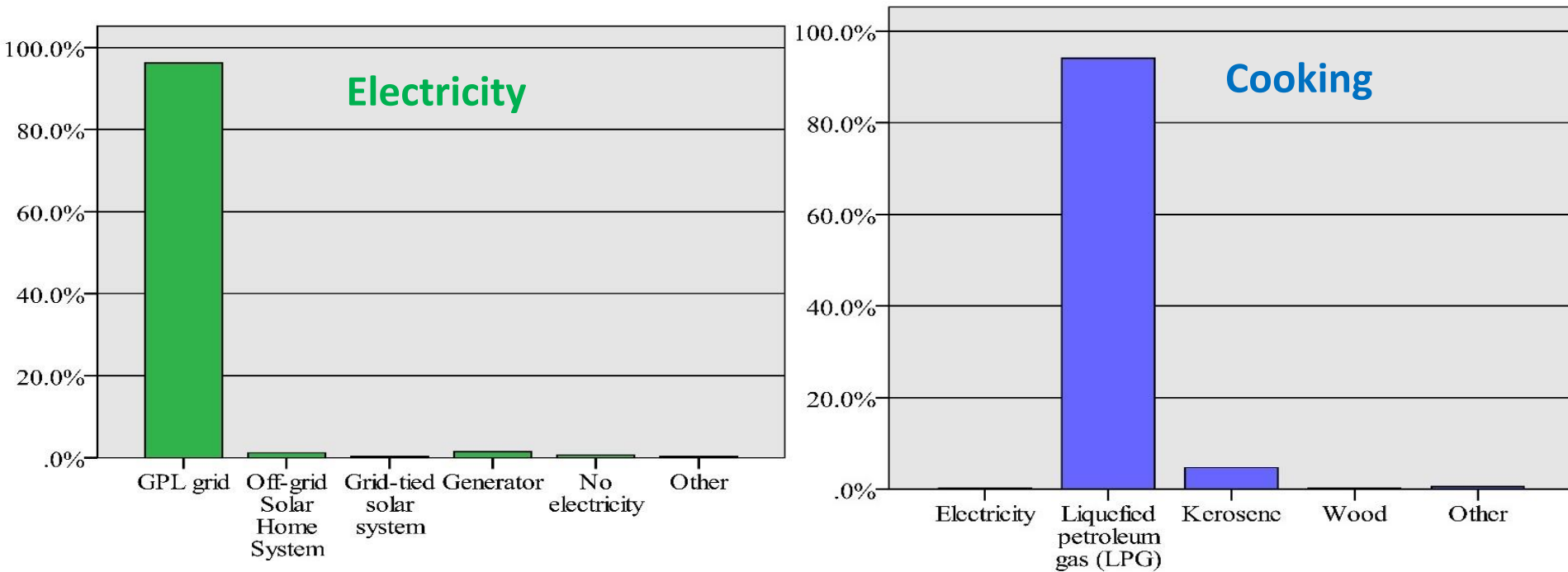
	n	Min	Max	Mean	SD
Number of adults	339	1	8	2.90	1.25
Number of children	338	0	9	1.44	1.53
Household size	339	1	14	4.34	2.13



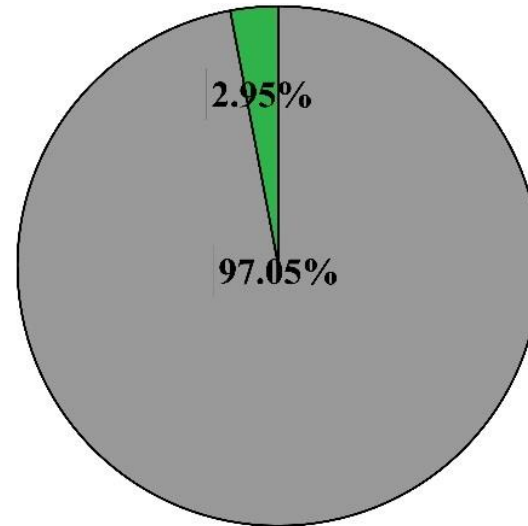
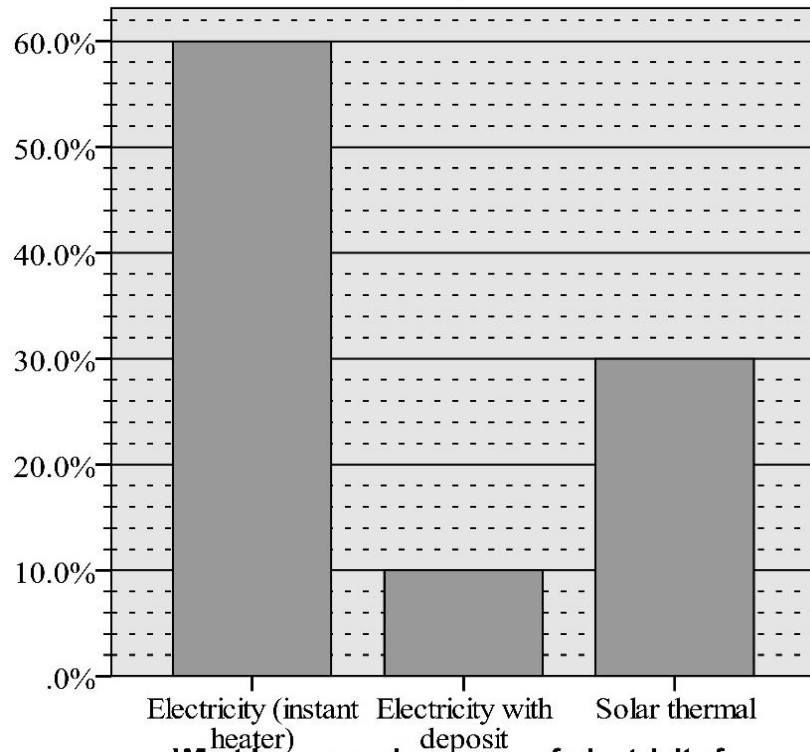
Households



Main Sources of Energy

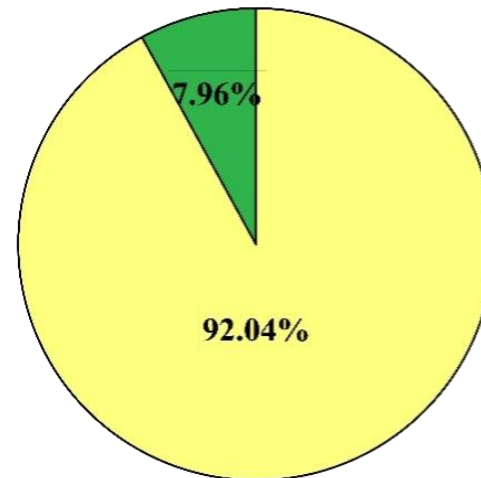
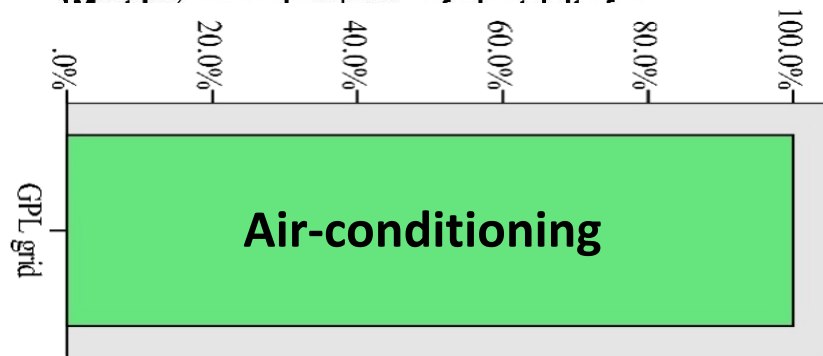


Sources of Energy



Apart from boiling water for food and beverages, do you have a hot water system

■ No ■ Yes

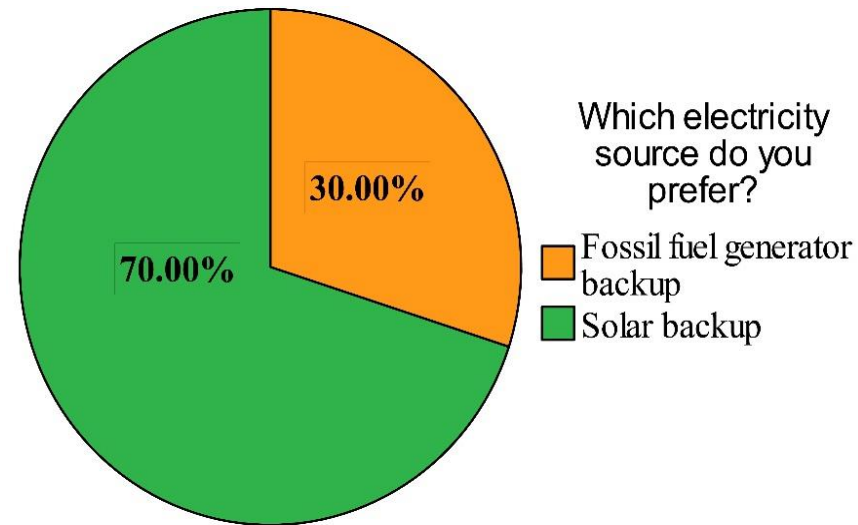
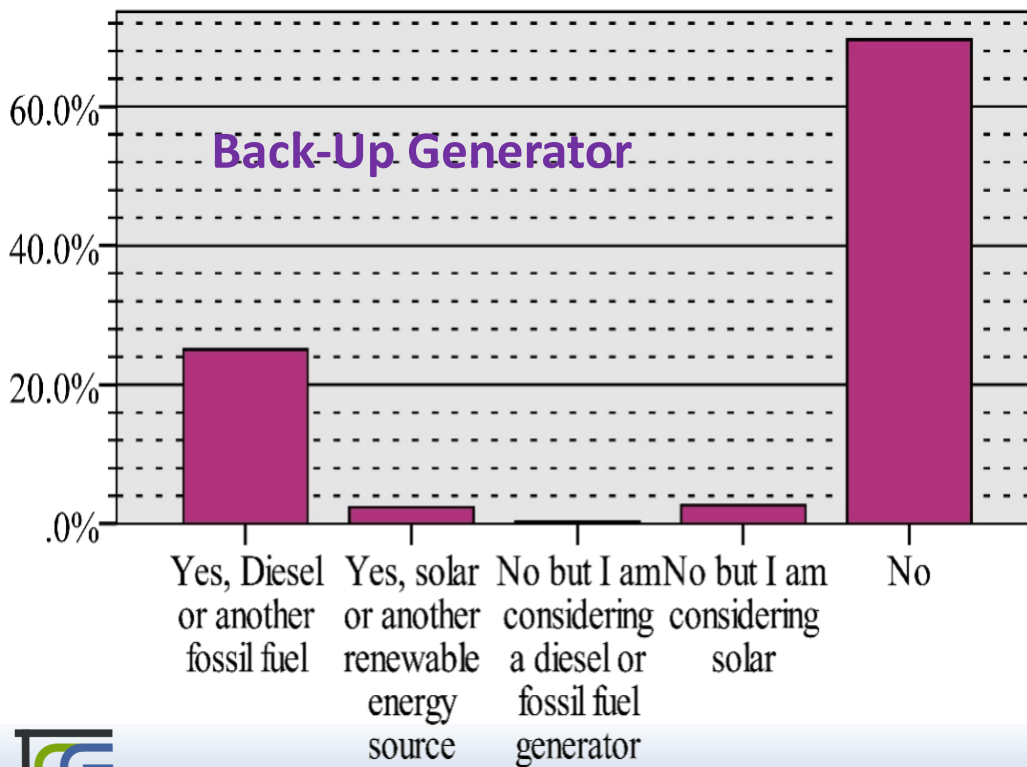


Do you have airconditioning in your home?

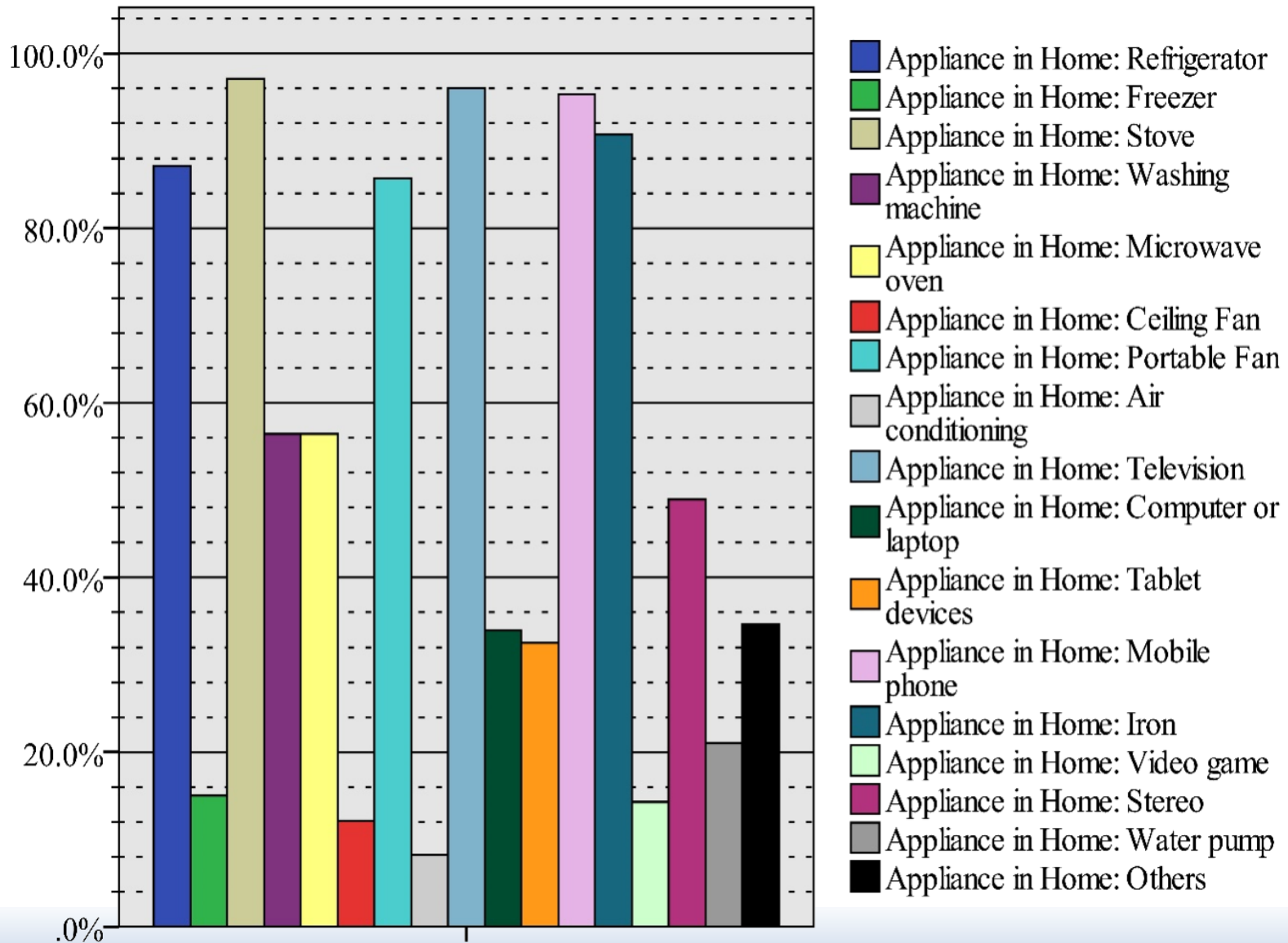
■ No ■ Yes

Back-Up & Blackouts

	n	Mean	SD
Number of backouts per week	339	15.38	31.83
Average blackout duration per week	324	11.81	16.82

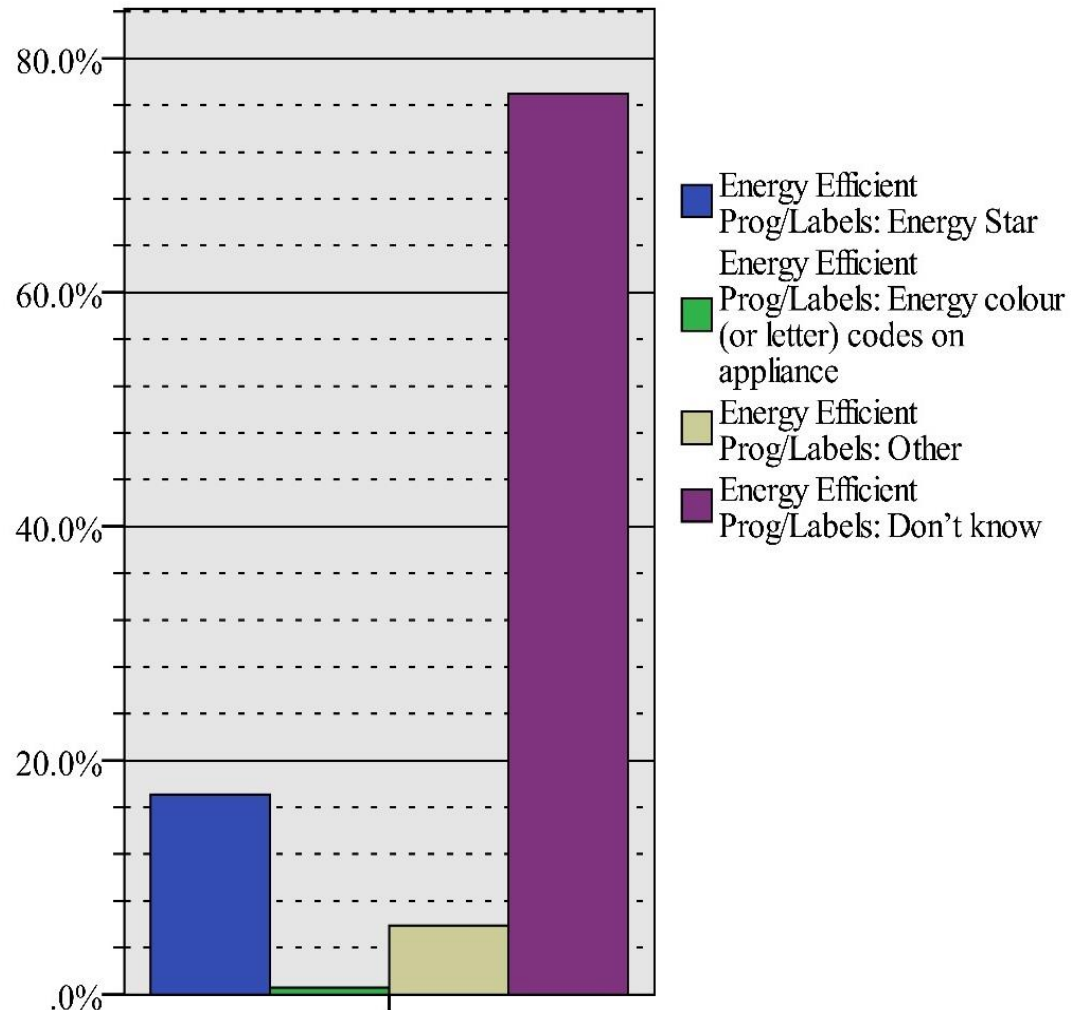


Household Appliances



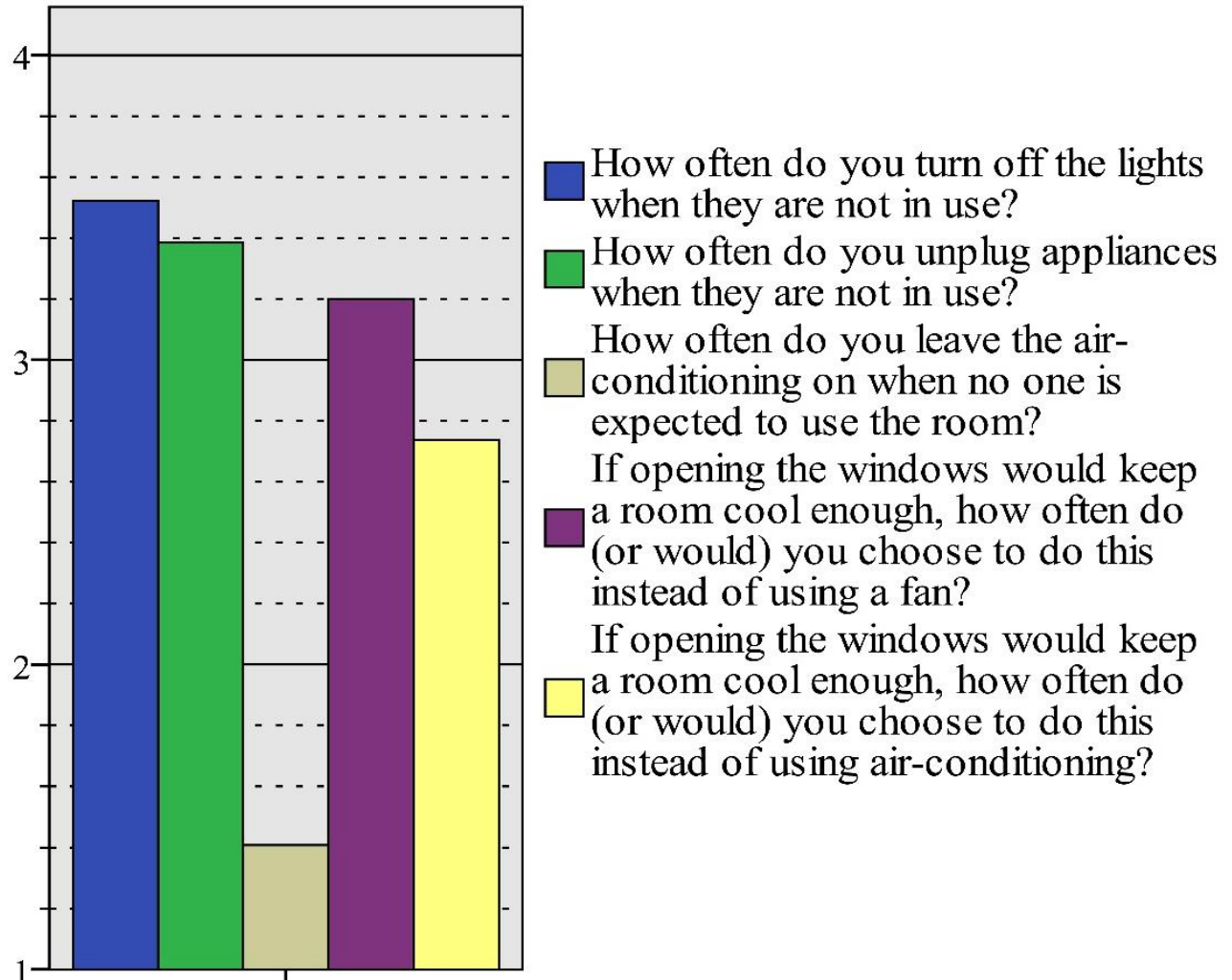
Energy Efficiency Attitudes

Knowledge of Energy Efficiency Labels or Programmes

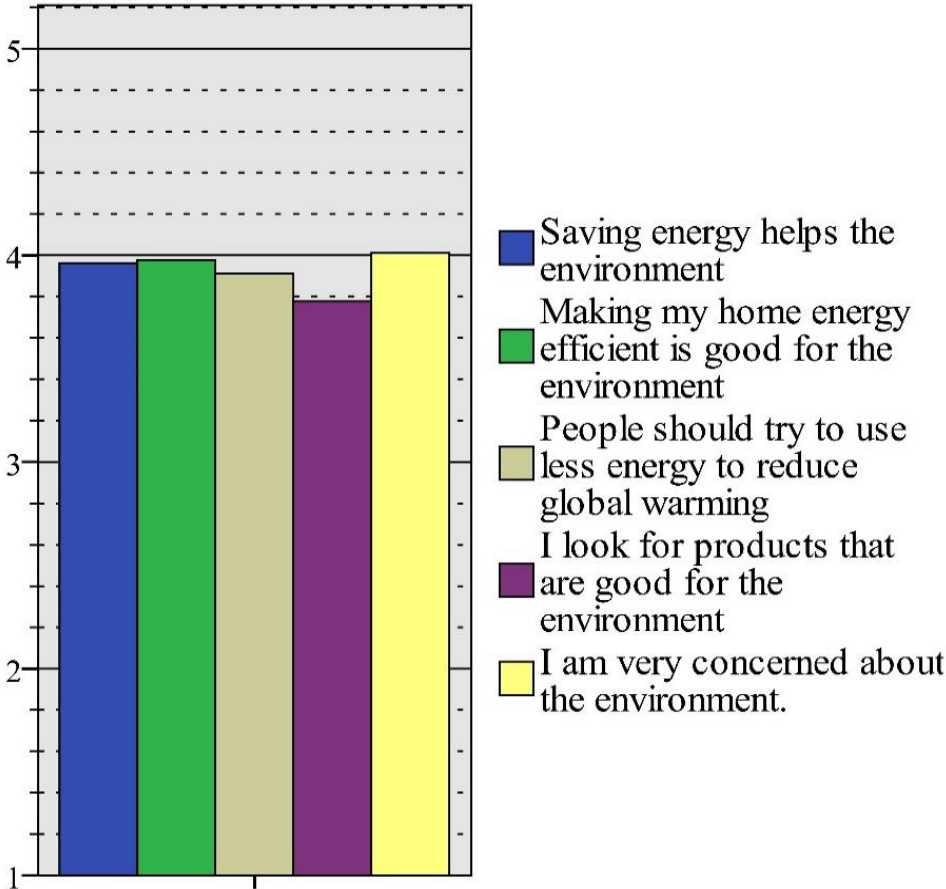


Energy Efficiency Attitudes

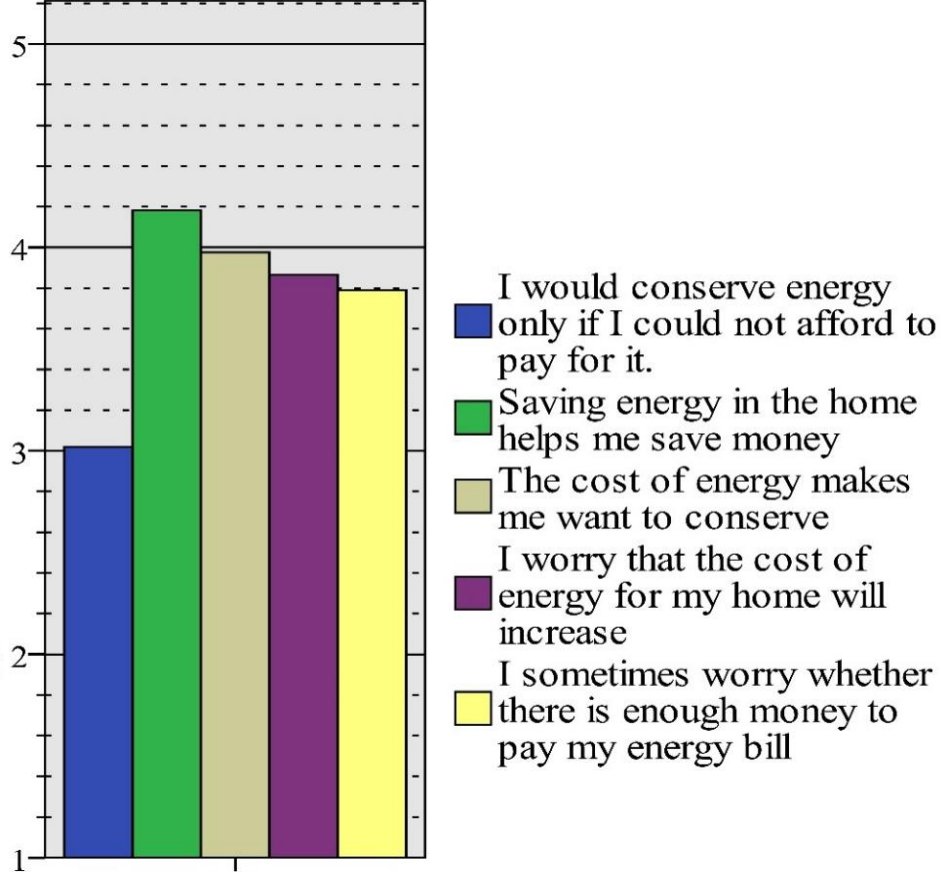
Conservation Behaviours



Conservation Attitudes

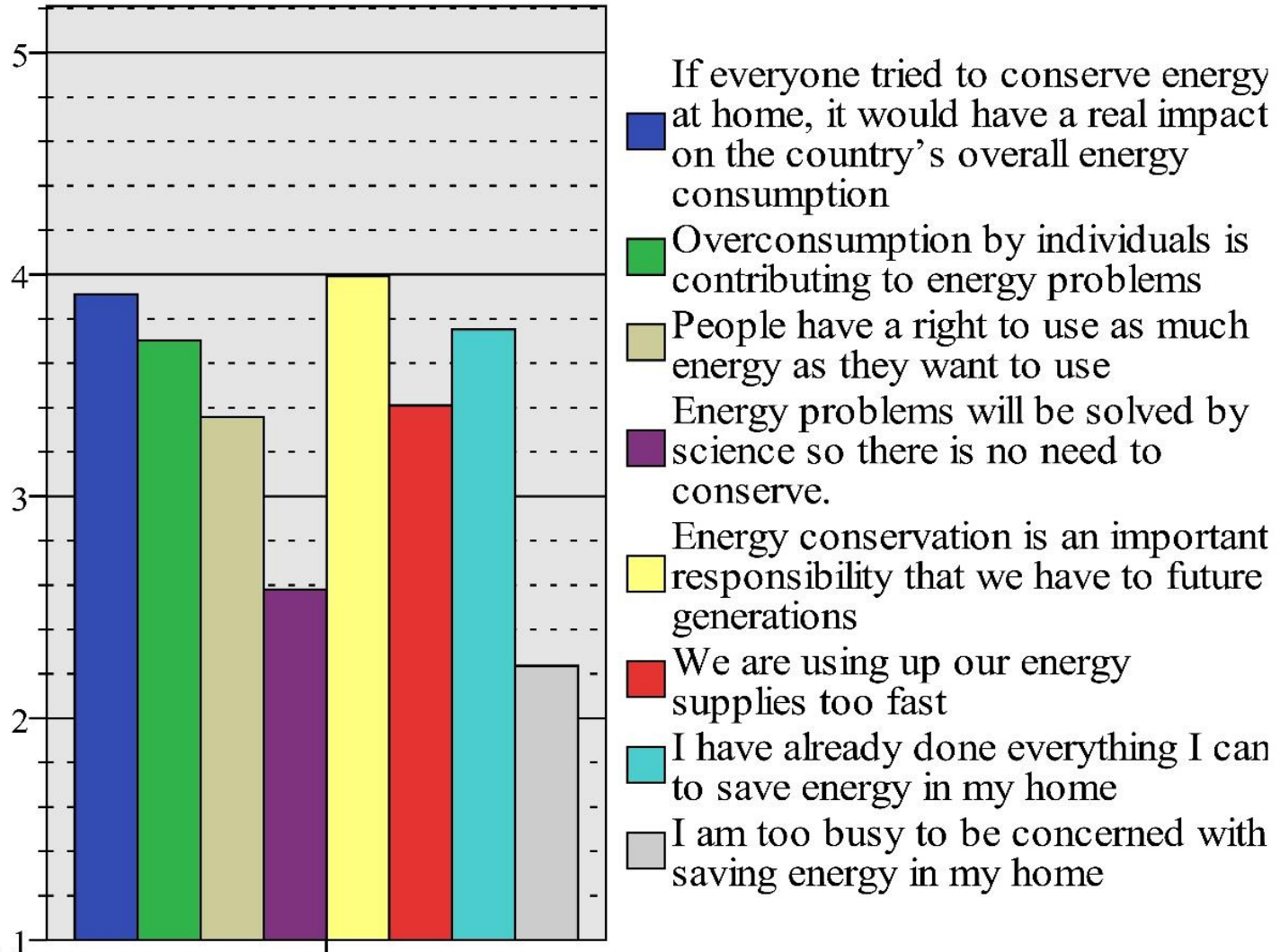


Conservation Motivated by Environmental Concerns



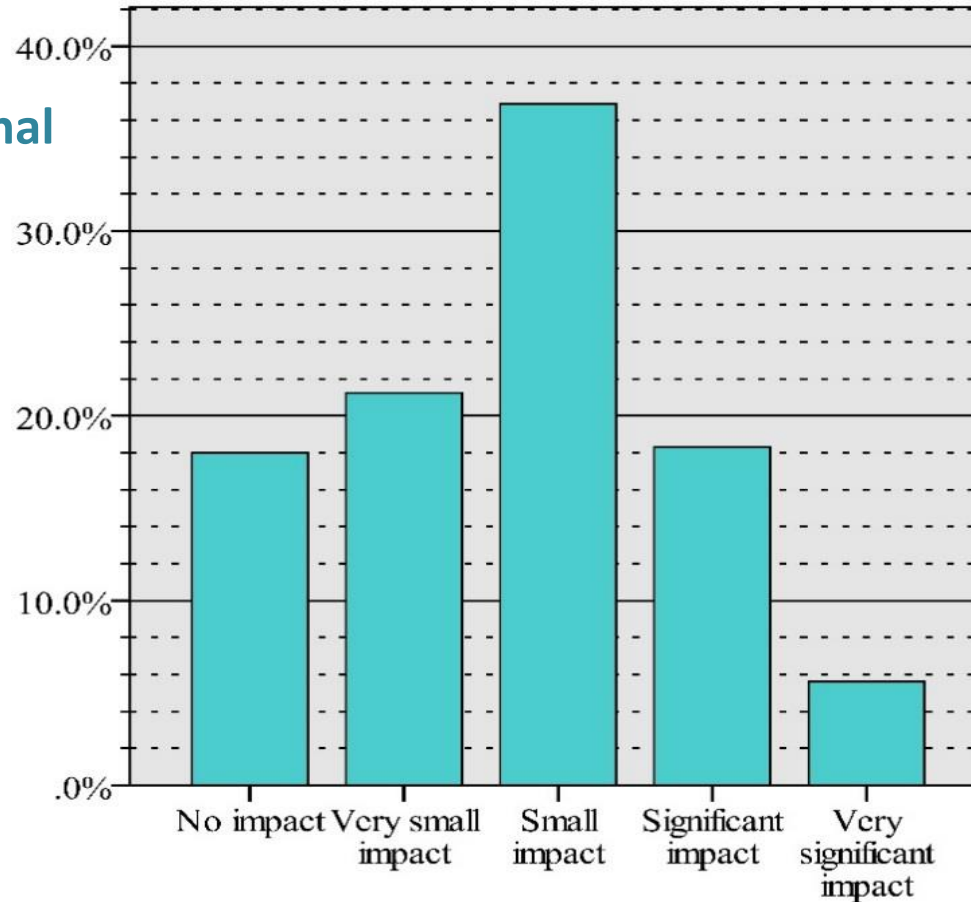
Conservation Motivated by Economic Consideration

General Energy Conservation Beliefs



Individual Impact on Global Warming

Belief about Personal Impact on Global Warming



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