

Energy Services; Electricity Services and Cooking Services 2021

World Bank Group

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Identification

SURVEY ID NUMBER
PNG_2021_WBE_v01_M

TITLE
Energy Services; Electricity Services and Cooking Services 2021

ABBREVIATION OR ACRONYM
WBE 2021

COUNTRY/ECONOMY

Name	Country code
Papua New Guinea	PNG

STUDY TYPE
Sample Frame, Households [sf/hh]

ABSTRACT
The survey assessed the current status of access to electricity and modern energy cooking solutions, highlighted existing challenges, and provided actionable recommendations.

The World Bank, in collaboration with the National Energy Authority of Papua New Guinea, initiated the first Global Energy Access Household Survey in PNG in May 2021. This survey established a baseline for monitoring progress toward Sustainable Development Goal (SDG) 7, specifically target 7.1: “Ensure access to affordable, reliable, and sustainable modern energy for all” by 2030. The results aim to guide the government in setting access targets, developing policies, and designing investment strategies for energy access.

The MTF approach evaluates energy access across multiple attributes that influence user experience, such as reliability, quality, and affordability, regardless of the technology or fuel used. These attributes define six tiers of access, ranging from Tier 0 (no access) to Tier 5 (full access). A household’s overall tier is determined by the lowest tier it achieves among the attributes, reflecting a comprehensive view of energy access (Bhatia and Angelou, 2015).

The MTF survey in PNG was integrated into the World Bank’s Poverty Global Practice (GP) survey, which measured the socioeconomic impacts of COVID-19. During the survey’s third round, energy access data were collected by incorporating MTF-related questions into the questionnaire. Due to time constraints, selected questions focusing on key MTF attributes were included in a phone survey conducted from May 7–17, 2021, by Digicel’s Port Moresby call center, in collaboration with the Poverty GP.

It is important to note that mobile phone surveys are often biased toward wealthier households with access to charged mobile phones and network coverage. As a result, lower-income households may be underrepresented. To address this, a wealth index was calculated to minimize potential bias.

The survey covered a total of 2,500 households across 87 districts. Data collection and management were facilitated using the Survey Solutions (SUSO) software package. These findings offer critical insights into the energy access landscape in PNG and provide a foundation for informed policy and investment decisions.

KIND OF DATA
Sample survey data [ssd]

UNIT OF ANALYSIS
Household

Scope

NOTES
The scopes of the survey are:
1. Household: Sex of the household head, education level, employment type,

2. Electricity: Status of the electricity in households
3. Cooking: Status of the cooking stove and fuel types in the households
3. WTP: Willingness too to for Grid connection fee and for Off-grid solutions
4. Energy Expenditure: Expenditure of lightings
5. Assess: What are assets that the households acquire, household characteristics
6. Impact on Energy sector on Covid-19 pandemic
7. Behavior on Covid-19 vaccination

Coverage

GEOGRAPHIC COVERAGE

National

Producers and sponsors

PRIMARY INVESTIGATORS

Name
World Bank Group

FUNDING AGENCY/SPONSOR

Name	Abbreviation
World Bank Group	WBG

Sampling

SAMPLING PROCEDURE

The total sample was 2,500 households. The Survey Solutions (SUSO) computer software package was used for data collection and management. Based on test questionnaire's results, a lead list of 20,000 random digital dialing numbers (households) were generated for call center enumerators to perform a survey. The total number of interviews recorded on the SUSO application was 4,227, from which 1,560 were rejected due participation refusal, disengagement, or an inability to reach respondents over the phone (calls directly led to voicemails). Accordingly, 2,667 successfully completed surveys were conducted. Sampling weights were used to mitigate the impact of selection bias. The weights were based on information from the 2016-18 PNG DHS and included adjustments for household location, size, and wealth and the respondent's sex and education level. After cleaning and incorporating the wealth index, the sample size was reduced to 2,635.

DEVIATIONS FROM THE SAMPLE DESIGN

Attrition was substituted with new numbers.

RESPONSE RATE

The response rate was 63%.

WEIGHTING

Weighting has been calculated based on the wealth index.

WEALTH INDEX

It is important to note that mobile phone surveys tend to be biased toward wealthier population groups, who are able to use (charged) mobile phones at the time of the survey and live in areas with mobile phone coverage. Therefore, there is a likelihood that households from the lowest expenditure quintiles are under-represented, affecting the accuracy of results. To avoid this bias, a wealth index was calculated to mitigate the potential bias as much as possible.

The MTF survey in 2021 re-created the wealth index which allows comparison between the MTF survey and the Demographic and Health Survey (DHS) from 2016 to 2018. The 2016-18 DHS dataset in PNG (DHS 2019) used a wealth index based on household assets and housing characteristics. If households have steadily acquired more assets, they will appear higher in the wealth distribution in this MTF survey than they would in the DHS. According to the Papua New Guinea High Frequency Survey on COVID-19: Results from Round 1 (World Bank 2020), the DHS wealth index (DHS n.d.) is calculated using principal

components analysis. Not all variables of the full DHS wealth index were considered in the mobile phone survey due to the limited survey length. In the recalculation of the wealth index of the phone survey there is more than 98 percent correlation between the recalculated and original measurements. To get the identical measurement, the pooled data was used with a single set of codes. To infer at the population level instead of mobile phone holders, it was essential to re-weight the survey data. To address the potential upward bias, several methodologies were used, such as correlation, logit model, and raking, among others.

Data collection

DATES OF DATA COLLECTION

Start	End
2021-05-07	2021-05-17

DATA COLLECTION MODE

Computer Assisted Telephone Interview [cati]

questionnaires

QUESTIONNAIRES

Questionnaire contains following sections.

- A: Interview Information
- B: Basic Information
- C: Household Electricity
- D: Household Cooking
- E: WTP for Grid Connection Fee
- F: WTP For OGS
- G: Energy Expenditure
- H: Assets
- I: Impact On Energy Sector of Covid-19 Pandemic
- J: Behavior On Covid-19 Vaccination

Access policy

CITATION REQUIREMENTS

World Bank - Energy Services; Electricity Services and Cooking Services 2021. Ref PNG_2021_WBE_v01_M. Dataset downloaded from www.microdata.worldbank.org on [date].

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DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

Metadata production

DDI DOCUMENT ID

DDI_PNG_2021_WBE_v01_M

PRODUCERS

Name	Abbreviation	Affiliation	Role
Development Data Group	DECDG	World Bank Group	Documentation of the survey

DATE OF METADATA PRODUCTION
2024-12-16

DDI DOCUMENT VERSION
Version 01 (December 2024)

data_dictionary

Data file	Cases	variables
energy_data_weights_1.dta Papua New Guinea energy data	2636	237

Data file: energy_data_weights_1.dta

Papua New Guinea energy data

Cases: 2636

variables: 237

variables

ID	Name	Label	Question
V2	ik_energy	Interview key (identifier in XX-XX-XX-XX format)	
V3	wealth_index	Wealth index	
V4	decile	10 deciles of DHS wealth index	
V5	weight_energy	Weight energy	
V6	Replacement_Household	Replacement_Household - 1 for replacement household 0 for pre-loaded	
V7	s1q0	Interview started	
V8	s1q3	Participate	
V9	s1q11	Participate confirmation	
V10	s1q12	Reason to refuse	
V11	s1q13	Other reason to refuse	
V12	s1q4	[s1q4] Am I speaking with %respondent_name_round2% ?	
V13	s1q5	[s1q5] Do you know %respondent_name_round2%?	
V14	s1q5a	s1q5a	
V15	s1q6	[s1q6] Would it be possible to contact %respondent_name_round2% ?	
V16	s1q7	[s1q7] Why is it not possible to contact %respondent_name_round2% ?	
V17	s1q7_other	Other, Specify:	
V18	new_household	NEW HOUSEHOLD	
V19	s1q9	Age	
V20	RESPTYPE	Respondent Type	
V21	RESPTYPE_STRING	Respondent Type Description	
V22	B1	B1 - INTERVIEWER: WHAT IS THE SEX OF THE RESPONDENT. CONFIRM IF UNSURE.	
V23	B2	B2 - What is your relationship to the head of household?	
V24	B2_OTHER	B2_OTHER - Specify	
V25	B3	B3 - How many people live in the household?	
V26	B4	B4 - Province	
V27	B5	District	
V28	B6	B6 - Is the area in which you are living?	
V29	B7	B7 - What is your highest level of education completed?	
V30	B7_OTHER	B7_OTHER - Specify	
V31	B8	B8 - Last week, did you do any work for pay, do any kind of business, farming or	
V32	B9	B9 - What is the main activity of the business or organization in which you are	
V33	B9_OTHER	B9_OTHER - Specify	
V34	B10	B10 - Are you currently employed full time or part time?	
V35	B11	B11 - Is your current job formal or informal?	
V36	C0	C0 - Do you have grid connection for electricity in your household?	
V37	C1	C1 - What source of electricity is used most of the time in this household?	

ID	Name	Label	Question
V38	C1_OTHER	C1_OTHER - Specify	
V39	C1OTHER	Holds either C1 Other value or blank for text piping	
V40	C2	C2 - who do you usually pay for your (main electricity system)?	
V41	C2_OTHER	C2_OTHER - Specify	
V42	C3_1	C3 - What appliances are powered using this household's (C1)?:Mobile phone charg	
V43	C3_2	C3 - What appliances are powered using this household's (C1)?:Radio	
V44	C3_3	C3 - What appliances are powered using this household's (C1)?:Television	
V45	C3_4	C3 - What appliances are powered using this household's (C1)?:Fan	
V46	C3_5	C3 - What appliances are powered using this household's (C1)?:Refrigerator	
V47	C3_6	C3 - What appliances are powered using this household's (C1)?:Electric iron	
V48	C3_7	C3 - What appliances are powered using this household's (C1)?:Cooking device	
V49	C3_96	C3 - What appliances are powered using this household's (C1)?:Other specify	
V50	C3_OTHER	C3_OTHER - Specify	
V51	C4	C4 - How many lightbulbs can be powered using this household's (HE1)	
V52	C5_0	C5 - Are there any other sources of electricity used in this household?:No other	
V53	C5_1	C5 - Are there any other sources of electricity used in this household?:National	
V54	C5_2	C5 - Are there any other sources of electricity used in this household?:Local mi	
V55	C5_3	C5 - Are there any other sources of electricity used in this household?:Solar ho	
V56	C5_4	C5 - Are there any other sources of electricity used in this household?:Solar la	
V57	C5_5	C5 - Are there any other sources of electricity used in this household?:Electric	
V58	C5_6	C5 - Are there any other sources of electricity used in this household?:Recharge	
V59	C5_7	C5 - Are there any other sources of electricity used in this household?:Dry cell	
V60	C5_97	C5 - Are there any other sources of electricity used in this household?:Other	
V61	C5_OTHER	C5_OTHER - Specify	
V62	C6	C6 - In the last 7 days, how many hours of electricity were available each day	
V63	C7	C7 - In the last 7 days, how many hours of electricity were available each eveni	
V64	C8	C8 - In the last 7 days, how many times were there unscheduled outages or black	
V65	C9	C9 - What is the total duration of all the unscheduled outages or blackouts in	
V66	C10	C10 - In the last 12 months, did any of this household's appliances get d	
V67	D1	D1 - Is any food or drink consumed by household members cooked or prepared	
V68	D2	D2 - What does this household use for cooking most of the time, including cooki	
V69	D2_OTHER	D2_OTHER - Specify	
V70	D2OTHER	Holds either D2 Other value or blank for text piping	
V71	D3	D3 - What type of fuel or energy source does this household use most of the tim	
V72	D3_OTHER	D3_OTHER - Specify	
V73	D4	D4 - How much did this household pay for fuel or energy source last m	
V74	D5	D5 - Is the cooking with [D2] usually done in the house, in a separate buildin	
V75	D5_OTHER	D5_OTHER - Specify	
V76	D6	D6 - Does the cookstove have a chimney or hood?	
V77	D7	D7 - How many doors and windows (opening to the outside)does the cooking space	
V78	FEEFULL_3	The Full connection Fee for section 3	
V79	Random_3	Holds the random number for this section	
V80	Multiplier_3	Multiplier selected from the random number (14%, 29%, 43%, 57%, 71%, 100%)	

ID	Name	Label	Question
V81	CF_3	Randomly selected CF value	
V82	CF_3_Round	CF_3 Rounded to nearest Kina	
V83	E1	E1 - Would you be willing to pay \${CF} upfront for an electricity connection?	
V84	E2	E2 - Would you be willing to pay \${CF} for an electricity connection, if you w	
V85	E3	E3 - Would you be willing to pay \${CF} for an electricity connection, if you w	
V86	E4	E4 - Would you be willing to pay \${CF} for an electricity connection, if you w	
V87	E5	E5 - If the connection fee were waived, would you get a grid connection?	
V88	E6	E6 - Why would you not accept the offer?	
V89	E6_OTHER	E6_OTHER - Specify	
V90	E8	E8 - Think about the amount you would need to spend each month for electricity	
V91	Random_4_Tier	Holds the random number for determining the Tier	
V92	Tier	Holds either Tier one or Tier 2 numeric	
V93	Tier_Description	Holds the text description for Each Tier	
V94	Tier_Price	Holds the full price of each Tiers product	
V95	Random_4_CF	Holds the random number for determining the CF value	
V96	Multiplier_4	Multiplier selected from the random number (33%, 66%, 100%)	
V97	CF_4	Randomly selected CF value	
V98	CF_4_Round	CF_4 Rounded to nearest Kina	
V99	F1	F1 - Would you be willing to pay \${CF} upfront for this solar device?	
V100	F2	F2 - Would you be willing to pay \${CF} for this solar device, if you were giv	
V101	F3	F3 - Would you be willing to pay \${CF} for this solar device, if you were giv	
V102	F4	F4 - Would you be willing to pay \${CF} for this solar device, if you were giv	
V103	F5	F5 - Why would you not accept the offer?	
V104	F5_OTHER	F5_OTHER - Specify	
V105	G1	G1 - In the last 12 months, did you use candle for lighting?	
V106	G2	G2 - In the last 12 months, how much did you spend on candles for lighting?	
V107	G3	G3 - In the last 12 months, did you use kerosene for lighting?	
V108	G4	G4 - In the last 12 months, how much did you spend on kerosene for lighting?	
V109	G5	G5 - In the last 12 months, did you use dry-cell battery for lighting?	
V110	G6	G6 - In the last 12 months, how much did you spend on dry-cell battery for lig	
V111	G7	G7 - Do you use other source for lighting which are not asked in the previous	
V112	G8	G8 - Could you kindly indicate what source you use for lighting?	
V113	G9	G9 - In the last 12 months, how much did you spend on {Fuel EE0} for lighting?	
V114	H1	H1 - Does anyone in your household currently own a watch?	
V115	H2	H2 - Does anyone in your household currently own a radio?	
V116	H3	H3 - Does anyone in your household currently own a television?	
V117	H4	H4 - Does anyone in your household currently own a non-mobile telephone (landl	
V118	H5	H5 - Does anyone in your household currently own a computer or laptop?	
V119	H6	H6 - Does anyone in your household currently own a refrigerator?	
V120	H7	H7 - Does anyone in your household currently own a bicycle?	
V121	H8	H8 - Does anyone in your household currently own a motorcycle or scooter?	
V122	H9	H9 - Does anyone in your household currently own an animal-drawn cart?	
V123	H10	H10 - Does anyone in your household currently own a car or truck?	
V124	H11	H11 - Does anyone in your household currently own a boat with motor?	
V125	H12	H12 - Does this household own the dwelling that it occupies?	

ID	Name	Label	Question
V126	H13	H13 - Does any member of this household own any agricultural land?	
V127	H14	H14 - What is the main source of drinking water for members of your household?	
V128	H14_OTHER	H14_OTHER - Specify	
V129	H15	H15 - What kind of toilet facility do members of your household usually use?	
V130	H15_OTHER	H15_OTHER - Specify	
V131	H16	H16 - What is the main material of the walls of your main dwelling?	
V132	H16_OTHER	H16_OTHER - Specify	
V133	H17	H17 - What is the main material of the floor of your main dwelling?	
V134	H17_OTHER	H17_OTHER - Specify	
V135	H18	H18 - What is the main material of the roof of your main dwelling?	
V136	H18_OTHER	H18_OTHER - Specify	
V137	H19	H19 - What is the main source of lighting your household uses?	
V138	H19_OTHER	H19_OTHER - Specify	
V139	H21	H21 - How many rooms in this household are used for sleeping?	
V140	H22	H22 - How many working mobile phones are owned by household members?	
V141	H23	H23 - Does any member of this household have a bank account?	
V142	I01	I01 - Have you heard about the COVID-19 pandemic or the coronavirus?	
V143	I02	I02 - Did the main earner lose his/her job during the pandemic (after March 2020	
V144	I03	I03 - Was there any reduction in household expenditure during the pandemic?	
V145	I04	I04 - How much has household expenditure reduced compared to pre-COVID period?	
V146	I05	I05 - How much did the household's electricity consumption change during the loc	
V147	I06_1	I06 - If household's electricity consumption did increase during the lockdown, w	
V148	I06_2	I06 - If household's electricity consumption did increase during the lockdown, w	
V149	I06_3	I06 - If household's electricity consumption did increase during the lockdown, w	
V150	I06_4	I06 - If household's electricity consumption did increase during the lockdown, w	
V151	I06_5	I06 - If household's electricity consumption did increase during the lockdown, w	
V152	I06_6	I06 - If household's electricity consumption did increase during the lockdown, w	
V153	I06_7	I06 - If household's electricity consumption did increase during the lockdown, w	
V154	I06_555	I06 - If household's electricity consumption did increase during the lockdown, w	
V155	I06_OTHER	I06_OTHER - Specify	
V156	I07_1	I07 - If household's electricity consumption increased during the lockdown, how:	
V157	I07_2	I07 - If household's electricity consumption increased during the lockdown, how:	
V158	I07_3	I07 - If household's electricity consumption increased during the lockdown, how:	
V159	I07_4	I07 - If household's electricity consumption increased during the lockdown, how:	
V160	I07_5	I07 - If household's electricity consumption increased during the lockdown, how:	
V161	I07_6	I07 - If household's electricity consumption increased during the lockdown, how:	
V162	I07_7	I07 - If household's electricity consumption increased during the lockdown, how:	
V163	I07_8	I07 - If household's electricity consumption increased during the lockdown, how:	
V164	I07_555	I07 - If household's electricity consumption increased during the lockdown, how:	
V165	I07_OTHER	I07_OTHER - Specify	
V166	I08	I08 - Did the household switch to alternate electricity sources (completely or p	
V167	I09_1	I09 - What alternate sources did the household use for electricity during the pa	
V168	I09_2	I09 - What alternate sources did the household use for electricity during the pa	
V169	I09_3	I09 - What alternate sources did the household use for electricity during the pa	

ID	Name	Label	Question
V170	I09_4	I09 - What alternate sources did the household use for electricity during the pa	
V171	I09_5	I09 - What alternate sources did the household use for electricity during the pa	
V172	I09_6	I09 - What alternate sources did the household use for electricity during the pa	
V173	I09_7	I09 - What alternate sources did the household use for electricity during the pa	
V174	I09_8	I09 - What alternate sources did the household use for electricity during the pa	
V175	I09_555	I09 - What alternate sources did the household use for electricity during the pa	
V176	I09_OTHER	I09_OTHER - Specify	
V177	I10	I10 - How many children are enrolled in school?	
V178	I11	I11 - Are there any online classes offered to your school going children in lock	
V179	I12	I12 - Do your school going children attend the full-time online classes offered	
V180	I13	I13 - Why could not your children attend online classes completely?	
V181	I13_OTHER	I13_OTHER - Specify	
V182	I14	I14 - Why was no class offered to your child/children from your school?	
V183	I14_OTHER	I14_OTHER - Specify	
V184	I15	I15 - Did the household expenditure on cooking fuel change during the lockdown f	
V185	I16_1	I16 - If household's cooking fuel expenditure increased during the lockdown, how	
V186	I16_2	I16 - If household's cooking fuel expenditure increased during the lockdown, how	
V187	I16_3	I16 - If household's cooking fuel expenditure increased during the lockdown, how	
V188	I16_4	I16 - If household's cooking fuel expenditure increased during the lockdown, how	
V189	I16_555	I16 - If household's cooking fuel expenditure increased during the lockdown, how	
V190	I16_OTHER	I16_OTHER - Specify	
V191	I17	I17 - Did the household use alternate cooking fuels (completely or partially) be	
V192	I18_1	I18 - What alternate/additional fuels did the household use for cooking during t	
V193	I18_2	I18 - What alternate/additional fuels did the household use for cooking during t	
V194	I18_3	I18 - What alternate/additional fuels did the household use for cooking during t	
V195	I18_4	I18 - What alternate/additional fuels did the household use for cooking during t	
V196	I18_5	I18 - What alternate/additional fuels did the household use for cooking during t	
V197	I18_6	I18 - What alternate/additional fuels did the household use for cooking during t	
V198	I18_7	I18 - What alternate/additional fuels did the household use for cooking during t	
V199	I18_8	I18 - What alternate/additional fuels did the household use for cooking during t	
V200	I18_9	I18 - What alternate/additional fuels did the household use for cooking during t	
V201	I18_555	I18 - What alternate/additional fuels did the household use for cooking during t	
V202	I18_OTHER	I18_OTHER - Specify	
V203	J1	J1 - Have you ever gotten tested for COVID-19?	
V204	J2	J2 - If an approved vaccine to prevent COVID-19 was to become available at no	
V205	J3	J3 - What is your main concern for not wanting to be vaccinated / not being su	
V206	J3_OTHER	J3_OTHER - Specify	
V207	J4_1	J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:F	
V208	J4_2	J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:R	
V209	J4_3	J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:D	
V210	J4_4	J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:C	
V211	J4_5	J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:E	
V212	J4_6	J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:S	
V213	J4_7	J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:C	
V214	J4_8	J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:O	

ID	Name	Label	Question
V215	J4_OTHER	J4_OTHER - Specify	
V216	J5	J5 - I would like to call you again in one month as a follow up of this study ab	
V217	RESULT	Interview Result	
V218	RESULT_OTHER	RESULT_OTHER - Specify	
V219	K5	K5 - DID YOU TRY CALLING ALL THE NUMBERS PROVIDED FOR THIS HOUSEHOLD, INCLUDING	
V220	K6	K6 - WHY DIDN'T YOU TRY CALLING ALL THE NUMBERS PROVIDED FOR THIS HOUSEHOLD, INC	
V221	COMMENTS	Interviewer Comments	
V222	ENDTIME	Endtime	
V223	sssys_irnd	Random number in the range 0..1 associated with interview	
V224	has_errors	Errors count in the interview	
V225	interview__status	Status of the interview	
V226	PL_s2q2		
V227	PL_s2q10		
V228	PL_s4q21		
V229	hhszise	Household size	
V230	province	province	
V231	strata	Strata	
V232	urbrur	urban / rural	
V233	age	Age	
V234	sex	Sex	
V235	relation	Relationship	
V236	head	Household head	
V237	region	RECODE of province (province)	
V238	education	RECODE of B7 (B7 - What is your highest level of education completed?)	

total: 237

S1Q12: Reason to refuse**Data file:** energy_data_weights_1.dta**Overview**

Valid: Invalid: 2636 Maximum: *
 Type: Discrete Decimal: 0 Width: 1 Range: - * Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Was busy
2	Refuse
Sysmiss	

S1Q13: Other reason to refuse**Data file:** energy_data_weights_1.dta**Overview**

Valid: 2636 Invalid:
 Type: Discrete Width: 1 Range: - Format: character

IK_ENERGY: Interview key (identifier in XX-XX-XX-XX format)**Data file:** energy_data_weights_1.dta**Overview**

Valid: 2636 Invalid:
 Type: Continuous Width: 11 Range: - Format: character

WEALTH_INDEX: Wealth index**Data file:** energy_data_weights_1.dta**Overview**

Valid: 2636 Invalid: Minimum: -0.187225326895714 Maximum: 1.02470135688782
 Type: Continuous Decimal: 0 Width: 21 Range: -0.187225326895714 - 1.02470135688782 Format: Numeric

DECILE: 10 deciles of DHS wealth index**Data file:** energy_data_weights_1.dta**Overview**

Valid: 2636 Invalid: Minimum: 1 Maximum: 10
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		45	1.7%
2		120	4.6%
3		90	3.4%
4		165	6.3%
5		219	8.3%
6		266	10.1%
7		253	9.6%
8		379	14.4%
9		569	21.6%
10		530	20.1%

WEIGHT_ENERGY: Weight energy

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 0.0000147602486322285 Maximum: 63.9303398132324
 Type: Continuous Decimal: 0 Width: 22 Range: 0.0000147602486322285 - 63.9303398132324 Format: Numeric

REPLACEMENT_HOUSEHOLD: Replacement Household - 1 for replacement household 0 for pre-loaded

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Pre-Loaded	796	30.2%
1	Replacement	1840	69.8%

S1Q0: Interview started

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Continuous Width: 19 Range: - Format: character

S1Q3: Participate

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	2636	100%
2	No	0	0%
3	Cannot understand the language	0	0%

S1Q11: Participate confirmation

Data file: energy_data_weights_1.dta

Overview

Valid: Invalid: 2636 Maximum: *
 Type: Discrete Decimal: 0 Width: 1 Range: - * Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes
2	No
Sysmiss	

S1Q4: [s1q4] Am I speaking with %respondent_name_round2% ?

Data file: energy_data_weights_1.dta

Overview

Valid: 796 Invalid: 1840 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	YES	743	93.3%
2	NO	53	6.7%
Sysmiss		1840	

S1Q5: [s1q5] Do you know %respondent_name_round2%?

Data file: energy_data_weights_1.dta

Overview

Valid: 53 Invalid: 2583 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	YES	20	37.7%
2	NO	33	62.3%
Sysmiss		2583	

S1Q5A: s1q5a

Data file: energy_data_weights_1.dta

Overview

Valid: 20 Invalid: 2616 Minimum: 1 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	YES	20	100%
2	NO	0	0%
Sysmiss		2616	

S1Q6: [s1q6] Would it be possible to contact %respondent_name_round2% ?

Data file: energy_data_weights_1.dta

Overview

Valid: 20 Invalid: 2616 Minimum: 3 Maximum: 3
 Type: Discrete Decimal: 0 Width: 1 Range: 3 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	YES ON THIS NUMBER BUT AT A DIFFERENT TIME	0	0%
2	YES ON ANOTHER NUMBER	0	0%
3	NO	20	100%
Sysmiss		2616	

S1Q7: [s1q7] Why is it not possible to contact %respondent_name_round2% ?

Data file: energy_data_weights_1.dta

Overview

Valid: 20 Invalid: 2616 Minimum: 1 Maximum: 4
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	NO LONGER IN TOUCH / DO NOT KNOW HOW TO CONTACT	14	70%
2	RESPONDENT LEFT COUNTRY	0	0%
3	RESPONDENT DECEASED	0	0%
4	OTHER, SPECIFY	6	30%
Sysmiss		2616	

S1Q7_OTHER: Other, Specify:

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 27 Range: - Format: character

NEW_HOUSEHOLD: NEW HOUSEHOLD

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		763	28.9%
1		1873	71.1%

S1Q9: Age

Data file: energy_data_weights_1.dta

Overview

Valid: 1893 Invalid: 743 Minimum: 18 Maximum: 99
 Type: Continuous Decimal: 0 Width: 2 Range: 18 - 99 Format: Numeric

RESPTYPE: Respondent Type

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 4
 Type: Discrete Decimal: 2 Width: 4 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		743	28.2%
2		20	0.8%
3		33	1.3%
4		1840	69.8%

RESPTYPE_STRING: Respondent Type Description

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 55 Range: - Format: character

B1: B1 - INTERVIEWER: WHAT IS THE SEX OF THE RESPONDENT. CONFIRM IF UNSURE.

Data file: energy_data_weights_1.dta

Overview

Valid: 1893 Invalid: 743 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Male	1274	67.3%
2	Female	619	32.7%
Sysmiss		743	

B2: B2 - What is your relationship to the head of household?

Data file: energy_data_weights_1.dta

Overview

Valid: 1893 Invalid: 743 Minimum: 1 Maximum: 15
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	HEAD	1019	53.8%
2	SPOUSE	284	15%
3	OWN CHILD	461	24.4%
4	STEP CHILD	8	0.4%
5	ADOPTED CHILD	1	0.1%
6	GRANDCHILD	4	0.2%
7	BROTHER/SISTER	58	3.1%
8	NIECE/NEPHEW	9	0.5%
9	BROTHER/SISTER-IN-LAW	17	0.9%
10	PARENT	23	1.2%
11	PARENT-IN-LAW	0	0%

12	DOMESTIC HELP (RESIDENT)	1	0.1%
13	DOMESTIC HELP (NON RESIDENT)	0	0%
14	OTHER RELATION (SPECIFY)	5	0.3%
15	OTHER NON-RELATION (SPECIFY)	3	0.2%
Sysmiss		743	

B2_OTHER: B2_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
Type: Discrete Width: 12 Range: - Format: character

B3: B3 - How many people live in the household?

Data file: energy_data_weights_1.dta

Overview

Valid: 1873 Invalid: 763 Minimum: 1 Maximum: 73072296
Type: Discrete Decimal: 0 Width: 8 Range: 1 - 73072296 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		35	1.9%
2		56	3%
3		118	6.3%
4		219	11.7%
5		294	15.7%
6		322	17.2%
7		293	15.6%
8		189	10.1%
9		99	5.3%
10		94	5%
11		35	1.9%
12		51	2.7%
13		15	0.8%
14		13	0.7%
15		16	0.9%
16		5	0.3%

17		3	0.2%
18		1	0.1%
19		2	0.1%
20		7	0.4%
21		1	0.1%
25		3	0.2%
28		1	0.1%
73072296		1	0.1%
Sysmiss		763	

B4: B4 - Province

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 22
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Chimbu Province	131	5%
2	Eastern Highlands Province	217	8.2%
3	Enga Province	160	6.1%
4	Southern Highlands Province	163	6.2%
5	Western Highlands Province	104	3.9%
6	Hela Province	110	4.2%
7	Jiwaka Province	121	4.6%
8	East New Britain Province	126	4.8%
9	Manus Province	35	1.3%
10	New Ireland Province	79	3%
11	West New Britain Province	100	3.8%
12	Autonomous Region of Bougainville (Bougainville Region)	144	5.5%
13	East Sepik Province	144	5.5%
14	Madang Province	222	8.4%
15	Morobe Province	247	9.4%
16	Sandaun (West Sepik) Province	115	4.4%
17	Central Province	70	2.7%
18	Gulf Province	42	1.6%

19	Milne Bay Province	64	2.4%
20	Oro (Northern) Province	22	0.8%
21	Western (Fly) Province	66	2.5%
22	National Capital District	154	5.8%

B5: District

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 88
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 88 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Chimbu Province	3	0.1%
2	Chuave District	13	0.5%
3	Gumine District	15	0.6%
4	Karimui-Nomane District	11	0.4%
5	Kerowagi District	28	1.1%
6	Kundiawa-Gembogl District	36	1.4%
7	Sina Sina-Yonggomugl District (Sinasin-Yonggomugl District)	25	0.9%
8	Daulo District	19	0.7%
9	Goroka District	61	2.3%
10	Henganofi District	15	0.6%
11	Kainantu District	44	1.7%
12	Lufa District	9	0.3%
13	Obura-Wonenara District	23	0.9%
14	Okapa District	24	0.9%
15	Unggai-Benna District	22	0.8%
16	Kandep District	10	0.4%
17	Kompam District	7	0.3%
18	Lagaip-Porgera District	59	2.2%
19	Wapenamanda District	38	1.4%
20	Wabag District	46	1.7%
21	Ialibu-Pangia District	47	1.8%
22	Imbonggu District	19	0.7%
23	Kagua-Erave District	6	0.2%

24	Mendi-Munihu District	59	2.2%
25	Nipa-Kutubu District	32	1.2%
26	Dei District	16	0.6%
27	Mount Hagen District	58	2.2%
28	Mul-Baiyer District	14	0.5%
29	Tambul-Nebilyer District	16	0.6%
30	Komo-Magarima District	37	1.4%
31	Koroba-Kopiago District	19	0.7%
32	Tari-Pori District	54	2%
33	Anglimp-South Waghi District	67	2.5%
34	Jimi District	10	0.4%
35	North Waghi District	44	1.7%
36	Gazelle District	36	1.4%
37	Kokopo District	49	1.9%
38	Pomio District	6	0.2%
39	Rabaul District	35	1.3%
40	Manus District	35	1.3%
41	Kavieng District	44	1.7%
42	Namatanai District	35	1.3%
43	Kandrian-Gloucester District	14	0.5%
44	Talasea District	86	3.3%
45	Central Bougainville District	54	2%
46	North Bougainville District	55	2.1%
47	South Bougainville District	35	1.3%
48	Ambunti-Dreikikier District	21	0.8%
49	Angoram District	7	0.3%
50	Maprik District	24	0.9%
51	Wewak District	52	2%
52	Wosera-Gawi District	16	0.6%
53	Yangoru-Saussia District	24	0.9%
54	Bogia District	27	1%
55	Madang District	82	3.1%
56	Middle Ramu District	19	0.7%
57	Rai Coast District	34	1.3%
58	Sumkar District	29	1.1%
59	Usino Bundi District	31	1.2%
60	Finschhafen District	17	0.6%
61	Huon District	28	1.1%
62	Kabwum District	17	0.6%

63	Lae District	104	3.9%
64	Markham District	18	0.7%
65	Menyamy District	16	0.6%
66	Nawae District	20	0.8%
67	Tawae-Siassi District	5	0.2%
68	Bulolo_District	22	0.8%
69	Aitape-Lumi District	33	1.3%
70	Nuku District	19	0.7%
71	Telefomin District	4	0.2%
72	Vanimo-Green River District	59	2.2%
73	Abau District	21	0.8%
74	Goilala District	4	0.2%
75	Kairuku-Hiri District	25	0.9%
76	Rigo District	20	0.8%
77	Kerema District	30	1.1%
78	Kikori District	12	0.5%
79	Alotau District	31	1.2%
80	Esa'ala District	15	0.6%
81	Kiriwini-Goodenough District	7	0.3%
82	Samarai-Murua District	11	0.4%
83	Ijivitari District	9	0.3%
84	Sohe District	13	0.5%
85	North Fly District	24	0.9%
86	Middle Fly District	20	0.8%
87	South Fly District	22	0.8%
88	National Capital District	154	5.8%

B6: B6 - Is the area in which you are living?

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	URBAN	1148	43.6%

2	RURAL	1488	56.4%
3	DON'T KNOW	0	0%

B7: B7 - What is your highest level of education completed?

Data file: energy_data_weights_1.dta

Overview

Valid: 1893 Invalid: 743 Minimum: 1 Maximum: 8
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	NEVER ATTENDED SCHOOL	106	5.6%
2	PRE-PREPARATORY	8	0.4%
3	ELEMENTARY	23	1.2%
4	PRIMARY	569	30.1%
5	SECONDARY	772	40.8%
6	VOCATIONAL	72	3.8%
7	TERTIARY OR OTHER HIGHER	342	18.1%
8	OTHER, SPECIFY	1	0.1%
Sysmiss		743	

B7_OTHER: B7_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 34 Range: - Format: character

B8: B8 - Last week, did you do any work for pay, do any kind of business, farming or

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1439	54.6%
2	No	1197	45.4%

B9: B9 - What is the main activity of the business or organization in which you are

Data file: energy_data_weights_1.dta

Overview

Valid: 1439 Invalid: 1197 Minimum: 1 Maximum: 17
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 17 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	AGRICULTURE	443	30.8%
2	MINING	45	3.1%
3	LOGGING	10	0.7%
4	MANUFACTURING	10	0.7%
5	PROFESSIONAL/ SCIENTIFIC/TECHNICAL ACTIVITIES	131	9.1%
6	ELECTRICITY/WATER/GAS /WASTE	17	1.2%
7	CONSTRUCTION	74	5.1%
8	TRANSPORTATION	41	2.8%
9	BUYING AND SELLING	329	22.9%
10	FINANCIAL/INSURANCE/ REAL EST. SERVICES	25	1.7%
11	PERSONAL SERVICES	92	6.4%
12	EDUCATION	69	4.8%
13	HEALTH	28	1.9%
14	PUBLIC ADMINISTRATION	52	3.6%
15	TOURISM	8	0.6%
16	HANDICRAFTS / CULTURAL INDUSTRIES	11	0.8%
17	OTHER, SPECIFY	54	3.8%
Sysmiss		1197	

B9_OTHER: B9_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:

Type: Discrete Width: 25 Range: - Format: character

B10: B10 - Are you currently employed full time or part time?

Data file: energy_data_weights_1.dta

Overview

Valid: 1439 Invalid: 1197 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Full Time	1070	74.4%
2	Part Time	369	25.6%
Sysmiss		1197	

B11: B11 - Is your current job formal or informal?

Data file: energy_data_weights_1.dta

Overview

Valid: 1439 Invalid: 1197 Minimum: 1 Maximum: 3
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Formal	569	39.5%
2	Informal	864	60%
3	Don't know	6	0.4%
Sysmiss		1197	

C0: C0 - Do you have grid connection for electricity in your household?

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	961	36.5%
2	No	1675	63.5%

C1: C1 - What source of electricity is used most of the time in this household?

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 0 Maximum: 96
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 96 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No electricity in household	68	2.6%
1	National grid connection from PNG Power Limited (PPL)	808	30.7%
2	Local mini grid	25	0.9%
3	Solar home system	575	21.8%
4	Solar lantern	716	27.2%
5	Electric generator	58	2.2%
6	Rechargeable battery	33	1.3%
7	Dry cell battery / torch	318	12.1%
96	Other specify	34	1.3%
Sysmiss		1	

C1_OTHER: C1_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 59 Range: - Format: character

C1OTHER: Holds either C1 Other value or blank for text piping

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 64 Range: - Format: character

C2: C2 - who do you usually pay for your (main electricity system)?

Data file: energy_data_weights_1.dta

Overview

Valid: 808 Invalid: 1828 Minimum: 0 Maximum: 96
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 96 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No one	14	1.7%
1	Energy company/National utility	181	22.4%
2	Pre-paid meter card seller	341	42.2%
3	Community/village/municipality	2	0.2%
4	Relative	8	1%
5	Neighbor	6	0.7%
6	Landlord	20	2.5%
7	Local store	157	19.4%
8	Utility office	32	4%
9	Bank	20	2.5%
10	Post office	0	0%
96	Other	27	3.3%
Sysmiss		1828	

C2_OTHER: C2_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 61 Range: - Format: character

C3_1: C3 - What appliances are powered using this household's (C1)?:Mobile phone charg

Data file: energy_data_weights_1.dta

Overview

Valid: 1407 Invalid: 1229 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		448	31.8%
1		959	68.2%
Sysmiss		1229	

C3_2: C3 - What appliances are powered using this household's (C1)?:Radio

Data file: energy_data_weights_1.dta

Overview

Valid: 1407 Invalid: 1229 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1295	92%
1		112	8%
Sysmiss		1229	

C3_3: C3 - What appliances are powered using this household's (C1)?:Television

Data file: energy_data_weights_1.dta

Overview

Valid: 1407 Invalid: 1229 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1319	93.7%
1		88	6.3%
Sysmiss		1229	

C3_4: C3 - What appliances are powered using this household's (C1)?:Fan

Data file: energy_data_weights_1.dta

Overview

Valid: 1407 Invalid: 1229 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1365	97%
1		42	3%
Sysmiss		1229	

C3_5: C3 - What appliances are powered using this household's (C1)?:Refrigerator

Data file: energy_data_weights_1.dta

Overview

Valid: 1407 Invalid: 1229 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1364	96.9%
1		43	3.1%
Sysmiss		1229	

C3_6: C3 - What appliances are powered using this household's (C1)?:Electric iron

Data file: energy_data_weights_1.dta

Overview

Valid: 1407 Invalid: 1229 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1386	98.5%
1		21	1.5%
Sysmiss		1229	

C3_7: C3 - What appliances are powered using this household's (C1)?:Cooking device

Data file: energy_data_weights_1.dta

Overview

Valid: 1407 Invalid: 1229 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1366	97.1%
1		41	2.9%
Sysmiss		1229	

C3_96: C3 - What appliances are powered using this household's (C1)?:Other specify

Data file: energy_data_weights_1.dta

Overview

Valid: 1407 Invalid: 1229 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		913	64.9%
1		494	35.1%
Sysmiss		1229	

C3_OTHER: C3_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:

Type: Continuous Width: 44 Range: - Format: character

C4: C4 - How many lightbulbs can be powered using this household's (HE1)

Data file: energy_data_weights_1.dta

OverviewValid: 1407 Invalid: 1229 Minimum: 1 Maximum: 3
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric**Questions and instructions**

CATEGORIES

Value	Category	Cases	
1	Zero	7	0.5%
2	One	252	17.9%
3	Two or more	1148	81.6%
Sysmiss		1229	

C5_0: C5 - Are there any other sources of electricity used in this household?:No other

Data file: energy_data_weights_1.dta

OverviewValid: 2249 Invalid: 387 Minimum: 0 Maximum: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric**Questions and instructions**

CATEGORIES

Value	Category	Cases	
0		1523	67.7%
1		726	32.3%
Sysmiss		387	

C5_1: C5 - Are there any other sources of electricity used in this household?:National

Data file: energy_data_weights_1.dta

OverviewValid: 2249 Invalid: 387 Minimum: 0 Maximum: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2247	99.9%
1		2	0.1%
Sysmiss		387	

C5_2: C5 - Are there any other sources of electricity used in this household?:Local mi

Data file: energy_data_weights_1.dta

Overview

Valid: 2249 Invalid: 387 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2241	99.6%
1		8	0.4%
Sysmiss		387	

C5_3: C5 - Are there any other sources of electricity used in this household?:Solar ho

Data file: energy_data_weights_1.dta

Overview

Valid: 2249 Invalid: 387 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2191	97.4%
1		58	2.6%
Sysmiss		387	

C5_4: C5 - Are there any other sources of electricity used in this household?:Solar la

Data file: energy_data_weights_1.dta

Overview

Valid: 2249 Invalid: 387 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2033	90.4%
1		216	9.6%
Sysmiss		387	

C5_5: C5 - Are there any other sources of electricity used in this household?:Electric

Data file: energy_data_weights_1.dta

Overview

Valid: 2249 Invalid: 387 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2139	95.1%
1		110	4.9%
Sysmiss		387	

C5_6: C5 - Are there any other sources of electricity used in this household?:Recharge

Data file: energy_data_weights_1.dta

Overview

Valid: 2249 Invalid: 387 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2150	95.6%

1		99	4.4%
Sysmiss		387	

C5_7: C5 - Are there any other sources of electricity used in this household?:Dry cell

Data file: energy_data_weights_1.dta

Overview

Valid: 2249 Invalid: 387 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1123	49.9%
1		1126	50.1%
Sysmiss		387	

C5_97: C5 - Are there any other sources of electricity used in this household?:Other

Data file: energy_data_weights_1.dta

Overview

Valid: 2249 Invalid: 387 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2119	94.2%
1		130	5.8%
Sysmiss		387	

C5_OTHER: C5_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 31 Range: - Format: character

C6: C6 - In the last 7 days, how many hours of electricity were available each day

Data file: energy_data_weights_1.dta

Overview

Valid: 2249 Invalid: 387 Minimum: -99 Maximum: 24
 Type: Discrete Decimal: 0 Width: 3 Range: -99 - 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-99	Does not know / unsure	484	21.5%
0		5	0.2%
1		1	0%
2		12	0.5%
3		14	0.6%
4		64	2.8%
5		39	1.7%
6		143	6.4%
7		62	2.8%
8		156	6.9%
9		10	0.4%
10		105	4.7%
11		39	1.7%
12		555	24.7%
13		9	0.4%
14		5	0.2%
15		25	1.1%
16		42	1.9%
17		15	0.7%
18		75	3.3%
19		11	0.5%
20		101	4.5%
21		4	0.2%
22		15	0.7%
23		26	1.2%
24		232	10.3%
Sysmiss		387	

C7: C7 - In the last 7 days, how many hours of electricity were available each eveni

Data file: energy_data_weights_1.dta

Overview

Valid: 2017 Invalid: 619 Minimum: -99 Maximum: 4
 Type: Discrete Decimal: 0 Width: 3 Range: -99 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-99	Does not know / unsure	445	22.1%
0		12	0.6%
1		29	1.4%
2		238	11.8%
3		166	8.2%
4		1127	55.9%
Sysmiss		619	

C8: C8 - In the last 7 days, how many times were there unscheduled outages or black

Data file: energy_data_weights_1.dta

Overview

Valid: 833 Invalid: 1803 Minimum: -99 Maximum: 24
 Type: Discrete Decimal: 0 Width: 3 Range: -99 - 24 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-99	Don't know / unsure	242	29.1%
0		76	9.1%
1		71	8.5%
2		118	14.2%
3		107	12.8%
4		62	7.4%
5		47	5.6%
6		24	2.9%
7		68	8.2%
8		8	1%
9		3	0.4%

10		2	0.2%
12		1	0.1%
20		1	0.1%
24		3	0.4%
Sysmiss		1803	

C9: C9 - What is the total duration of all the unscheduled outages or blackouts in

Data file: energy_data_weights_1.dta

Overview

Valid: 515 Invalid: 2121 Minimum: -99 Maximum: 122
 Type: Discrete Decimal: 0 Width: 3 Range: -99 - 122 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-99	Don't know / unsure	55	10.7%
0		9	1.7%
1		46	8.9%
2		87	16.9%
3		45	8.7%
4		46	8.9%
5		28	5.4%
6		36	7%
7		43	8.3%
8		22	4.3%
9		7	1.4%
10		6	1.2%
11		5	1%
12		34	6.6%
13		2	0.4%
14		9	1.7%
15		5	1%
16		9	1.7%
18		1	0.2%
20		1	0.2%
21		1	0.2%
24		11	2.1%

48		4	0.8%
72		2	0.4%
122		1	0.2%
Sysmiss		2121	

C10: C10 - In the last 12 months, did any of this household's appliances get d

Data file: energy_data_weights_1.dta

Overview

Valid: 924 Invalid: 1712 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	287	31.1%
2	No	637	68.9%
Sysmiss		1712	

D1: D1 - Is any food or drink consumed by household members cooked or prepared

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	2239	85%
2	No	396	15%
Sysmiss		1	

D2: D2 - What does this household use for cooking most of the time, including cooki

Data file: energy_data_weights_1.dta

Overview

Valid: 2239 Invalid: 397 Minimum: 1 Maximum: 96

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 96 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Solar cooker (thermal energy, not solar panels)	3	0.1%
2	Electric stove	377	16.8%
3	Piped natural gas stove	44	2%
4	Biogas stove	46	2.1%
5	Liquefied petroleum gas (LPG)/ cooking gas stove	80	3.6%
6	Manufactured solid fuel stove (store bought)	3	0.1%
7	Traditional/artisanal solid fuel stove (non-manufactured, constructed at home)	1172	52.3%
8	Liquid fuel stove (used with alcohol/ethanol)	0	0%
9	Moveable firepan	3	0.1%
10	Three stone stove/open fire	438	19.6%
11	Kerosene stove	25	1.1%
12	Eco zoom stove	0	0%
13	Hardy's Rocket stove	0	0%
14	Self-built wood stove	23	1%
96	Other specify	25	1.1%
Sysmiss		397	

D2_OTHER: D2_OTHER - Specify

Data file: energy_data_weights_1.dta

OverviewValid: 2636 Invalid:
Type: Discrete Width: 41 Range: - Format: character**D2OTHER: Holds either D2 Other value or blank for text piping**

Data file: energy_data_weights_1.dta

OverviewValid: 2636 Invalid:
Type: Discrete Width: 46 Range: - Format: character**D3: D3 - What type of fuel or energy source does this household use most of the tim**

Data file: energy_data_weights_1.dta

Overview

Valid: 1664 Invalid: 972 Minimum: 3 Maximum: 96
 Type: Discrete Decimal: 0 Width: 2 Range: 3 - 96 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Alcohol/ethanol	0	0%
2	Gasoline/diesel (not in generator)	0	0%
3	Kerosene/paraffin	1	0.1%
4	Coal/lignite unprocessed	0	0%
5	Coal/lignite briquettes/ pellets	0	0%
6	Charcoal unprocessed	2	0.1%
7	Charcoal briquettes/pellets	0	0%
8	Wood	1645	98.9%
9	Agricultural or crop residue/grass/ straw/shrubs/corn cobs	0	0%
10	Animal waste/dung	0	0%
11	Processed biomass pellets/ briquettes	0	0%
12	Woodchips	2	0.1%
13	Garbage/plastic	0	0%
14	Sawdust	1	0.1%
96	Other Specify	13	0.8%
Sysmiss		972	

D3_OTHER: D3_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 25 Range: - Format: character

D4: D4 - How much did this household pay for fuel or energy source last m

Data file: energy_data_weights_1.dta

Overview

Valid: 2239 Invalid: 397 Minimum: -99 Maximum: 2000
 Type: Discrete Decimal: 0 Width: 4 Range: -99 - 2000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-99	Don' t know	103	4.6%
0	Pays Nothing	1683	75.2%
1		1	0%
2		5	0.2%
5		10	0.4%
6		4	0.2%
9		1	0%
10		9	0.4%
15		1	0%
20		31	1.4%
25		1	0%
30		21	0.9%
31		1	0%
35		7	0.3%
38		1	0%
39		1	0%
40		37	1.7%
42		1	0%
45		4	0.2%
48		1	0%
49		2	0.1%
50		73	3.3%
52		1	0%
60		27	1.2%
70		13	0.6%
75		1	0%
80		14	0.6%
81		1	0%
90		3	0.1%
95		1	0%
96		1	0%
100		86	3.8%
112		1	0%
120		6	0.3%
124		1	0%

128		1	0%
130		2	0.1%
135		3	0.1%
140		6	0.3%
145		1	0%
150		16	0.7%
160		2	0.1%
180		2	0.1%
200		31	1.4%
260		1	0%
300		7	0.3%
350		2	0.1%
400		3	0.1%
500		2	0.1%
600		2	0.1%
1000		1	0%
1500		2	0.1%
2000		1	0%
Sysmiss		397	

D5: D5 - Is the cooking with [D2] usually done in the house, in a separate buildin

Data file: energy_data_weights_1.dta

Overview

Valid: 1689 Invalid: 947 Minimum: 1 Maximum: 96
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 96 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	In main house: no separate room	71	4.2%
2	In main house: separate room	203	12%
3	Outside of main house: in a separate room	1052	62.3%
4	Outside of main house in open air	358	21.2%
5	On veranda or covered porch	3	0.2%
96	Other	2	0.1%
Sysmiss		947	

D5_OTHER: D5_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 15 Range: - Format: character

D6: D6 - Does the cookstove have a chimney or hood?

Data file: energy_data_weights_1.dta

Overview

Valid: 1689 Invalid: 947 Minimum: 1 Maximum: 99
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	69	4.1%
2	No	1605	95%
99	Don't know	15	0.9%
Sysmiss		947	

D7: D7 - How many doors and windows (opening to the outside)does the cooking space

Data file: energy_data_weights_1.dta

Overview

Valid: 1689 Invalid: 947 Minimum: -1 Maximum: 9
 Type: Discrete Decimal: 0 Width: 2 Range: -1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1		1	0.1%
0		207	12.3%
1		473	28%
2		602	35.6%
3		212	12.6%
4		170	10.1%
5		12	0.7%

6		8	0.5%
8		3	0.2%
9		1	0.1%
Sysmiss		947	

FEFULL_3: The Full connection Fee for section 3

Data file: energy_data_weights_1.dta

Overview

Valid: 1675 Invalid: 961 Minimum: 48 Maximum: 48
 Type: Discrete Decimal: 2 Width: 5 Range: 48 - 48 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
48		1675	100%
Sysmiss		961	

RANDOM_3: Holds the random number for this section

Data file: energy_data_weights_1.dta

Overview

Valid: 1675 Invalid: 961 Minimum: 0.058 Maximum: 99.8839
 Type: Continuous Decimal: 2 Width: 5 Range: 0.058 - 99.8839 Format: Numeric

MULTIPLIER_3: Multiplier selected from the random number (14%, 29%, 43%, 57%, 71%, 100%)

Data file: energy_data_weights_1.dta

Overview

Valid: 1675 Invalid: 961 Minimum: 0.14 Maximum: 1
 Type: Discrete Decimal: 2 Width: 4 Range: 0.14 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0.14		299	17.9%
0.29		252	15%
0.43		296	17.7%

0.57		310	18.5%
0.71		263	15.7%
1		255	15.2%
Sysmiss		961	

CF_3: Randomly selected CF value

Data file: energy_data_weights_1.dta

Overview

Valid: 1675 Invalid: 961 Minimum: 6.72 Maximum: 48
 Type: Discrete Decimal: 2 Width: 5 Range: 6.72 - 48 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
6.72		299	17.9%
13.92		252	15%
20.64		296	17.7%
27.36		310	18.5%
34.08		263	15.7%
48		255	15.2%
Sysmiss		961	

CF_3_ROUND: CF_3 Rounded to nearest Kina

Data file: energy_data_weights_1.dta

Overview

Valid: 1675 Invalid: 961 Minimum: 6.72 Maximum: 48
 Type: Discrete Decimal: 2 Width: 5 Range: 6.72 - 48 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
6.72		299	17.9%
13.91		252	15%
20.64		296	17.7%
27.36		310	18.5%
34.08		263	15.7%

48		255	15.2%
Sysmiss		961	

E1: E1 - Would you be willing to pay \${CF} upfront for an electricity connection?

Data file: energy_data_weights_1.dta

Overview

Valid: 1675 Invalid: 961 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	301	18%
1	Yes	1374	82%
Sysmiss		961	

E2: E2 - Would you be willing to pay \${CF} for an electricity connection, if you w

Data file: energy_data_weights_1.dta

Overview

Valid: 301 Invalid: 2335 Minimum: 0 Maximum: 888
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	261	86.7%
1	Yes	29	9.6%
888	Don't know	11	3.7%
Sysmiss		2335	

E3: E3 - Would you be willing to pay \${CF} for an electricity connection, if you w

Data file: energy_data_weights_1.dta

Overview

Valid: 272 Invalid: 2364 Minimum: 0 Maximum: 888
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	244	89.7%
1	Yes	19	7%
888	Don't know	9	3.3%
Sysmiss		2364	

E4: E4 - Would you be willing to pay \${CF} for an electricity connection, if you w

Data file: energy_data_weights_1.dta

Overview

Valid: 253 Invalid: 2383 Minimum: 0 Maximum: 888
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	236	93.3%
1	Yes	8	3.2%
888	Don't know	9	3.6%
Sysmiss		2383	

E5: E5 - If the connection fee were waived, would you get a grid connection?

Data file: energy_data_weights_1.dta

Overview

Valid: 245 Invalid: 2391 Minimum: 0 Maximum: 888
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	233	95.1%
1	Yes	1	0.4%
888	Don't know	11	4.5%
Sysmiss		2391	

E6: E6 - Why would you not accept the offer?

Data file: energy_data_weights_1.dta

Overview

Valid: 244 Invalid: 2392 Minimum: 1 Maximum: 555
 Type: Discrete Decimal: 0 Width: 3 Range: 1 - 555 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Still cannot afford the wiring costs	220	90.2%
2	Do not need electricity	5	2%
3	Electricity service is unreliable	8	3.3%
4	Monthly fee is too expensive	1	0.4%
555	Other, specify	10	4.1%
Sysmiss		2392	

E6_OTHER: E6_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 66 Range: - Format: character

E8: E8 - Think about the amount you would need to spend each month for electricity

Data file: energy_data_weights_1.dta

Overview

Valid: 244 Invalid: 2392 Minimum: 0 Maximum: 888
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2	0.8%
1		1	0.4%
15		1	0.4%
50		1	0.4%

300		1	0.4%
888	Don't know	238	97.5%
Sysmiss		2392	

RANDOM_4_TIER: Holds the random number for determining the Tier

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 0.0107 Maximum: 99.8578
 Type: Continuous Decimal: 2 Width: 5 Range: 0.0107 - 99.8578 Format: Numeric

F2: F2 - Would you be willing to pay \${CF} for this solar device, if you were giv

Data file: energy_data_weights_1.dta

Overview

Valid: 1182 Invalid: 1454 Minimum: 0 Maximum: 888
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	811	68.6%
1	Yes	322	27.2%
888	Don't know	49	4.1%
Sysmiss		1454	

F3: F3 - Would you be willing to pay \${CF} for this solar device, if you were giv

Data file: energy_data_weights_1.dta

Overview

Valid: 860 Invalid: 1776 Minimum: 0 Maximum: 888
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	645	75%
1	Yes	169	19.7%

888	Don't know	46	5.3%
Sysmiss		1776	

TIER: Holds either Tier one or Tier 2 numeric

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 4 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1332	50.5%
2		1304	49.5%

TIER_DESCRIPTION: Holds the text description for Each Tier

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 291 Range: - Format: character

TIER_PRICE: Holds the full price of each Tiers product

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 100 Maximum: 2500
 Type: Discrete Decimal: 2 Width: 7 Range: 100 - 2500 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
100		1332	50.5%
2500		1304	49.5%

RANDOM_4_CF: Holds the random number for determining the CF value

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 0.0339 Maximum: 99.9998
 Type: Continuous Decimal: 2 Width: 6 Range: 0.0339 - 99.9998 Format: Numeric

MULTIPLIER_4: Multiplier selected from the random number (33%, 66%, 100%)

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 0.33 Maximum: 1
 Type: Discrete Decimal: 2 Width: 4 Range: 0.33 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0.33		859	32.6%
0.66		857	32.5%
1		920	34.9%

CF_4: Randomly selected CF value

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 33 Maximum: 2500
 Type: Discrete Decimal: 2 Width: 7 Range: 33 - 2500 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
33		428	16.2%
66		436	16.5%
100		468	17.8%
825		431	16.4%
1650		421	16%
2500		452	17.1%

CF_4_ROUND: CF_4 Rounded to nearest Kina

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 33 Maximum: 2500
 Type: Discrete Decimal: 2 Width: 7 Range: 33 - 2500 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
33		428	16.2%
66		436	16.5%
100		468	17.8%
825		431	16.4%
1650		421	16%
2500		452	17.1%

F1: F1 - Would you be willing to pay \${CF} upfront for this solar device?

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	1182	44.9%
1	Yes	1453	55.1%
Sysmiss		1	

F4: F4 - Would you be willing to pay \${CF} for this solar device, if you were giv

Data file: energy_data_weights_1.dta

Overview

Valid: 691 Invalid: 1945 Minimum: 0 Maximum: 888
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	591	85.5%
1	Yes	51	7.4%
888	Don't know	49	7.1%
Sysmiss		1945	

F5: F5 - Why would you not accept the offer?

Data file: energy_data_weights_1.dta

Overview

Valid: 640 Invalid: 1996 Minimum: 1 Maximum: 555
 Type: Discrete Decimal: 0 Width: 3 Range: 1 - 555 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Cannot afford the payment	490	76.6%
2	I already have electricity to meet my needs	107	16.7%
3	Maintenance/servicing of device is not available	7	1.1%
555	Other, specify	36	5.6%
Sysmiss		1996	

F5_OTHER: F5_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 118 Range: - Format: character

G1: G1 - In the last 12 months, did you use candle for lighting?

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	211	8%
2	No	2424	92%
Sysmiss		1	

G2: G2 - In the last 12 months, how much did you spend on candles for lighting?

Data file: energy_data_weights_1.dta

Overview

Valid: 211 Invalid: 2425 Minimum: 1 Maximum: 6000
 Type: Discrete Decimal: 0 Width: 4 Range: 1 - 6000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1	0.5%
2		1	0.5%
4		1	0.5%
5		7	3.3%
7		1	0.5%
10		11	5.2%
20		30	14.2%
25		1	0.5%
30		16	7.6%
35		1	0.5%
40		7	3.3%
50		16	7.6%
60		4	1.9%
64		1	0.5%
70		3	1.4%
90		2	0.9%
100		11	5.2%
150		5	2.4%
200		6	2.8%
250		2	0.9%

300		2	0.9%
320		1	0.5%
500		1	0.5%
720		1	0.5%
888	Don't know	76	36%
1000		2	0.9%
6000		1	0.5%
Sysmiss		2425	

G3: G3 - In the last 12 months, did you use kerosene for lighting?

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	101	3.8%
2	No	2534	96.2%
Sysmiss		1	

G4: G4 - In the last 12 months, how much did you spend on kerosene for lighting?

Data file: energy_data_weights_1.dta

Overview

Valid: 101 Invalid: 2535 Minimum: 2 Maximum: 2675
 Type: Discrete Decimal: 0 Width: 4 Range: 2 - 2675 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2		1	1%
5		1	1%
10		2	2%
20		6	5.9%
30		3	3%

48		1	1%
50		5	5%
60		3	3%
80		2	2%
100		6	5.9%
130		1	1%
150		5	5%
168		1	1%
170		1	1%
180		1	1%
190		1	1%
200		4	4%
240		1	1%
300		4	4%
450		1	1%
500		3	3%
600		2	2%
720		1	1%
800		1	1%
888	Don't know	40	39.6%
1200		1	1%
1500		1	1%
2500		1	1%
2675		1	1%
Sysmiss		2535	

G5: G5 - In the last 12 months, did you use dry-cell battery for lighting?

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1963	74.5%
2	No	672	25.5%

Sysmiss		1	
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G6: G6 - In the last 12 months, how much did you spend on dry-cell battery for lig

Data file: energy_data_weights_1.dta

Overview

Valid: 1963 Invalid: 673 Minimum: -2 Maximum: 5000
 Type: Discrete Decimal: 0 Width: 4 Range: -2 - 5000 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-2		1	0.1%
4		1	0.1%
6		1	0.1%
7		2	0.1%
10		7	0.4%
12		1	0.1%
20		39	2%
24		2	0.1%
25		4	0.2%
28		1	0.1%
30		15	0.8%
36		1	0.1%
38		1	0.1%
40		13	0.7%
50		92	4.7%
52		5	0.3%
53		2	0.1%
55		1	0.1%
59		2	0.1%
60		37	1.9%
64		1	0.1%
65		2	0.1%
69		1	0.1%
70		18	0.9%
72		1	0.1%
75		2	0.1%

80		17	0.9%
86		1	0.1%
90		11	0.6%
96		2	0.1%
100		155	7.9%
104		1	0.1%
109		1	0.1%
110		1	0.1%
120		15	0.8%
123		1	0.1%
130		1	0.1%
140		1	0.1%
150		71	3.6%
160		3	0.2%
170		3	0.2%
180		4	0.2%
190		1	0.1%
192		1	0.1%
194		1	0.1%
200		110	5.6%
203		1	0.1%
208		2	0.1%
210		2	0.1%
216		1	0.1%
220		4	0.2%
230		2	0.1%
234		1	0.1%
240		5	0.3%
250		16	0.8%
253		1	0.1%
260		1	0.1%
270		1	0.1%
300		80	4.1%
320		2	0.1%
350		7	0.4%
356		1	0.1%
360		4	0.2%
365		5	0.3%
400		29	1.5%

480		3	0.2%
500		37	1.9%
520		2	0.1%
540		1	0.1%
550		1	0.1%
576		1	0.1%
590		1	0.1%
600		21	1.1%
620		1	0.1%
624		1	0.1%
672		1	0.1%
700		4	0.2%
720		1	0.1%
730		2	0.1%
780		1	0.1%
800		4	0.2%
888	Don't know	1008	51.3%
900		5	0.3%
1000		24	1.2%
1500		7	0.4%
1600		1	0.1%
1700		1	0.1%
2000		9	0.5%
3000		5	0.3%
5000		2	0.1%
Sysmiss		673	

G7: G7 - Do you use other source for lighting which are not asked in the previous

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	81	3.1%

2	No	2554	96.9%
Sysmiss		1	

G8: G8 - Could you kindly indicate what source you use for lighting?

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
Type: Discrete Width: 42 Range: - Format: character

G9: G9 - In the last 12 months, how much did you spend on {Fuel EE0} for lighting?

Data file: energy_data_weights_1.dta

Overview

Valid: 81 Invalid: 2555 Minimum: 0 Maximum: 1500
Type: Discrete Decimal: 0 Width: 4 Range: 0 - 1500 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		35	43.2%
5		1	1.2%
20		1	1.2%
50		1	1.2%
100		2	2.5%
300		2	2.5%
500		1	1.2%
750		1	1.2%
888	Don't know	36	44.4%
1500		1	1.2%
Sysmiss		2555	

H1: H1 - Does anyone in your household currently own a watch?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	675	36.1%
2	No	1197	63.9%
Sysmiss		764	

H2: H2 - Does anyone in your household currently own a radio?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	729	38.9%
2	No	1143	61.1%
Sysmiss		764	

H3: H3 - Does anyone in your household currently own a television?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	548	29.3%
2	No	1324	70.7%
Sysmiss		764	

H4: H4 - Does anyone in your household currently own a non-mobile telephone (landl

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	19	1%
2	No	1853	99%
Sysmiss		764	

H5: H5 - Does anyone in your household currently own a computer or laptop?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	537	28.7%
2	No	1335	71.3%
Sysmiss		764	

H6: H6 - Does anyone in your household currently own a refrigerator?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	466	24.9%

2	No	1406	75.1%
Sysmiss		764	

H7: H7 - Does anyone in your household currently own a bicycle?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	358	19.1%
2	No	1514	80.9%
Sysmiss		764	

H8: H8 - Does anyone in your household currently own a motorcycle or scooter?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	34	1.8%
2	No	1838	98.2%
Sysmiss		764	

H9: H9 - Does anyone in your household currently own an animal-drawn cart?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11	0.6%
2	No	1861	99.4%
Sysmiss		764	

H10: H10 - Does anyone in your household currently own a car or truck?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	300	16%
2	No	1572	84%
Sysmiss		764	

H11: H11 - Does anyone in your household currently own a boat with motor?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	54	2.9%
2	No	1818	97.1%
Sysmiss		764	

H12: H12 - Does this household own the dwelling that it occupies?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1374	73.4%
2	No	498	26.6%
Sysmiss		764	

H13: H13 - Does any member of this household own any agricultural land?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1429	76.3%
2	No	443	23.7%
Sysmiss		764	

H14: H14 - What is the main source of drinking water for members of your household?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 15
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	PIPED INTO DWELLING	285	15.2%

2	PIPED TO YARD/PLOT	131	7%
3	PIPED TO NEIGHBOR	8	0.4%
4	PUBLIC TAP/STANDPIPE	82	4.4%
5	TUBE WELL OR BOREHOLE	65	3.5%
6	PROTECTED WELL	133	7.1%
7	UNPROTECTED WELL	67	3.6%
8	PROTECTED SPRING	267	14.3%
9	UNPROTECTED SPRING	142	7.6%
10	RAINWATER	208	11.1%
11	TANKER TRUCK	14	0.7%
12	CART WITH SMALL TANK	156	8.3%
13	SURFACE WATER (RIVER/DAM/LAKE/POND/STREAM/CANAL/IRRIGATION CHANNEL)	228	12.2%
14	BOTTLED WATER	20	1.1%
15	OTHER, SPECIFY	66	3.5%
Sysmiss		764	

H14_OTHER: H14_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
Type: Discrete Width: 28 Range: - Format: character

H15: H15 - What kind of toilet facility do members of your household usually use?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 13
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 13 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	FLUSH TO PIPED SEWER SYSTEM	265	14.2%
2	FLUSH TO SEPTIC TANK	79	4.2%
3	FLUSH TO PIT LATRINE	26	1.4%
4	FLUSH TO SOMEWHERE ELSE	7	0.4%
5	FLUSH, DON'T KNOW WHERE	3	0.2%
6	VENTILATED IMPROVED PIT LATRINE	248	13.2%

7	PIT LATRINE WITH SLAB	567	30.3%
8	PIT LATRINE WITHOUT SLAB / OPEN PIT	603	32.2%
9	COMPOSTING TOILET	13	0.7%
10	BUCKET TOILET	0	0%
11	HANGING TOILET / HANGING LATRINE	17	0.9%
12	NO FACILITY / BUSH / FIELD	40	2.1%
13	OTHER, SPECIFY	4	0.2%
Sysmiss		764	

H15_OTHER: H15_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
Type: Discrete Width: 27 Range: - Format: character

H16: H16 - What is the main material of the walls of your main dwelling?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 2 Maximum: 14
Type: Discrete Decimal: 0 Width: 2 Range: 2 - 14 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	NO WALLS	0	0%
2	CANE/PALM/TRUNKS	341	18.2%
3	BAMBOO / PALM	552	29.5%
4	PLYWOOD	593	31.7%
5	CARDBOARD	1	0.1%
6	REUSED WOOD	13	0.7%
7	CEMENT	8	0.4%
8	STONE WITH LIME/CEMENT	0	0%
9	BRICKS	39	2.1%
10	CEMENT BLOCKS	10	0.5%
11	WOOD PLANKS / SHINGLES	77	4.1%
12	FIBRO	99	5.3%
13	METAL/TIN SHEETS	121	6.5%

14	OTHER, SPECIFY	18	1%
Sysmiss		764	

H16_OTHER: H16_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
Type: Discrete Width: 40 Range: - Format: character

H17: H17 - What is the main material of the floor of your main dwelling?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 10
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	NATURAL FLOOR EARTH/SAND	50	2.7%
2	WOOD PLANKS	457	24.4%
3	PALM/BAMBOO	662	35.4%
4	POLISHED WOOD	447	23.9%
5	VINYL OR ASPHALT STRIPS	2	0.1%
6	CERAMIC TILES	54	2.9%
7	CEMENT	143	7.6%
8	CARPET	7	0.4%
9	UNPOLISHED FLOOR	40	2.1%
10	OTHER, SPECIFY	10	0.5%
Sysmiss		764	

H17_OTHER: H17_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
Type: Discrete Width: 13 Range: - Format: character

H18: H18 - What is the main material of the roof of your main dwelling?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 9
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	NO ROOF	1	0.1%
2	THATCH / PALM LEAF	477	25.5%
3	PALM/BAMBOO	5	0.3%
4	WOOD PLANKS	5	0.3%
5	METAL	1255	67%
6	WOOD	15	0.8%
7	CERAMIC TILES	0	0%
8	CEMENT	3	0.2%
9	OTHER, SPECIFY	111	5.9%
Sysmiss		764	

H18_OTHER: H18_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 33 Range: - Format: character

H19: H19 - What is the main source of lighting your household uses?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 8
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	ELECTRICITY	624	33.3%
2	PRESSURE LAMP (COLEMAN)	7	0.4%
3	KEROSENE	9	0.5%
4	SOLAR LIGHTING	944	50.4%
5	CANDLES	1	0.1%
6	OPEN FIRE	12	0.6%
7	LANTERN (BATTERY OPERATED)	221	11.8%
8	OTHER, SPECIFY	54	2.9%
Sysmiss		764	

H19_OTHER: H19_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
Type: Discrete Width: 48 Range: - Format: character

H21: H21 - How many rooms in this household are used for sleeping?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 10
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		123	6.6%
2		418	22.3%
3		812	43.4%
4		420	22.4%
5		55	2.9%
6		24	1.3%
7		9	0.5%
8		7	0.4%
9		2	0.1%
10		2	0.1%
Sysmiss		764	

H22: H22 - How many working mobile phones are owned by household members?

Data file: energy_data_weights_1.dta

Overview

Valid: 2391 Invalid: 245 Minimum: 1 Maximum: 12
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		616	25.8%
2		774	32.4%
3		459	19.2%
4		270	11.3%
5		174	7.3%
6		35	1.5%
7		36	1.5%
8		13	0.5%
9		2	0.1%
10		6	0.3%
11		2	0.1%
12		4	0.2%
Sysmiss		245	

H23: H23 - Does any member of this household have a bank account?

Data file: energy_data_weights_1.dta

Overview

Valid: 1872 Invalid: 764 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1320	70.5%
2	No	552	29.5%
Sysmiss		764	

I01: I01 - Have you heard about the COVID-19 pandemic or the coronavirus?

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	2572	97.6%
2	No	63	2.4%
Sysmiss		1	

I02: I02 - Did the main earner lose his/her job during the pandemic (after March 2020)

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	756	28.7%
2	No	1879	71.3%
Sysmiss		1	

I03: I03 - Was there any reduction in household expenditure during the pandemic?

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	878	33.3%
2	No	1757	66.7%
Sysmiss		1	

I04: I04 - How much has household expenditure reduced compared to pre-COVID period?

Data file: energy_data_weights_1.dta

Overview

Valid: 878 Invalid: 1758 Minimum: 1 Maximum: 4
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	<=10%	124	14.1%
2	10-25%	446	50.8%
3	25-50%	262	29.8%
4	>50%	46	5.2%
Sysmiss		1758	

I05: I05 - How much did the household's electricity consumption change during the loc

Data file: energy_data_weights_1.dta

Overview

Valid: 833 Invalid: 1803 Minimum: 1 Maximum: 888
 Type: Discrete Decimal: 0 Width: 3 Range: 1 - 888 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Did not change	676	81.2%
2	Increased little (<=25%)	33	4%
3	Increased moderately (25-50%)	25	3%
4	Increased substantially (>50%)	2	0.2%
5	Decreased little (<=25%)	28	3.4%
6	Decreased moderately (25-50%)	38	4.6%
7	Decreased substantially (>50%)	2	0.2%

888	Do not know	29	3.5%
Sysmiss		1803	

I06__1: I06 - If household's electricity consumption did increase during the lockdown, w

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		19	31.7%
1		41	68.3%
Sysmiss		2576	

I06__2: I06 - If household's electricity consumption did increase during the lockdown, w

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		42	70%
1		18	30%
Sysmiss		2576	

I06__3: I06 - If household's electricity consumption did increase during the lockdown, w

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		55	91.7%
1		5	8.3%
Sysmiss		2576	

I06__4: I06 - If household's electricity consumption did increase during the lockdown, w

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		57	95%
1		3	5%
Sysmiss		2576	

I06__5: I06 - If household's electricity consumption did increase during the lockdown, w

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		52	86.7%
1		8	13.3%
Sysmiss		2576	

I06__6: I06 - If household's electricity consumption did increase during the lockdown, w

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		44	73.3%
1		16	26.7%
Sysmiss		2576	

I06__7: I06 - If household's electricity consumption did increase during the lockdown, w

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		51	85%
1		9	15%
Sysmiss		2576	

I06__555: I06 - If household's electricity consumption did increase during the lockdown, w

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		53	88.3%

1		7	11.7%
Sysmiss		2576	

I06_OTHER: I06_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
Type: Discrete Width: 49 Range: - Format: character

I07__1: I07 - If household's electricity consumption increased during the lockdown, how:

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		52	86.7%
1		8	13.3%
Sysmiss		2576	

I07__2: I07 - If household's electricity consumption increased during the lockdown, how:

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		21	35%
1		39	65%
Sysmiss		2576	

I07_3: I07 - If household's electricity consumption increased during the lockdown, how:

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		33	55%
1		27	45%
Sysmiss		2576	

I07_4: I07 - If household's electricity consumption increased during the lockdown, how:

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		59	98.3%
1		1	1.7%
Sysmiss		2576	

I07_5: I07 - If household's electricity consumption increased during the lockdown, how:

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		60	100%

Sysmiss		2576	
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I07__6: I07 - If household's electricity consumption increased during the lockdown, how:

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0
Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		60	100%
Sysmiss		2576	

I07__7: I07 - If household's electricity consumption increased during the lockdown, how:

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0
Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		60	100%
Sysmiss		2576	

I07__8: I07 - If household's electricity consumption increased during the lockdown, how:

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0
Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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0		60	100%
Sysmiss		2576	

I07__555: I07 - If household's electricity consumption increased during the lockdown, how:

Data file: energy_data_weights_1.dta

Overview

Valid: 60 Invalid: 2576 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		59	98.3%
1		1	1.7%
Sysmiss		2576	

I07_OTHER: I07_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 14 Range: - Format: character

I08: I08 - Did the household switch to alternate electricity sources (completely or p

Data file: energy_data_weights_1.dta

Overview

Valid: 808 Invalid: 1828 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	71	8.8%
2	No	737	91.2%
Sysmiss		1828	

I09_1: I09 - What alternate sources did the household use for electricity during the pa

Data file: energy_data_weights_1.dta

Overview

Valid: 71 Invalid: 2565 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		70	98.6%
1		1	1.4%
Sysmiss		2565	

I09_2: I09 - What alternate sources did the household use for electricity during the pa

Data file: energy_data_weights_1.dta

Overview

Valid: 71 Invalid: 2565 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		64	90.1%
1		7	9.9%
Sysmiss		2565	

I09_3: I09 - What alternate sources did the household use for electricity during the pa

Data file: energy_data_weights_1.dta

Overview

Valid: 71 Invalid: 2565 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		56	78.9%

1		15	21.1%
Sysmiss		2565	

I09__4: I09 - What alternate sources did the household use for electricity during the pa

Data file: energy_data_weights_1.dta

Overview

Valid: 71 Invalid: 2565 Minimum: 0 Maximum: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		69	97.2%
1		2	2.8%
Sysmiss		2565	

I09__5: I09 - What alternate sources did the household use for electricity during the pa

Data file: energy_data_weights_1.dta

Overview

Valid: 71 Invalid: 2565 Minimum: 0
Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		71	100%
Sysmiss		2565	

I09__6: I09 - What alternate sources did the household use for electricity during the pa

Data file: energy_data_weights_1.dta

Overview

Valid: 71 Invalid: 2565 Minimum: 0 Maximum: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		34	47.9%
1		37	52.1%
Sysmiss		2565	

I09_7: I09 - What alternate sources did the household use for electricity during the pa

Data file: energy_data_weights_1.dta

Overview

Valid: 71 Invalid: 2565 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		67	94.4%
1		4	5.6%
Sysmiss		2565	

I09_8: I09 - What alternate sources did the household use for electricity during the pa

Data file: energy_data_weights_1.dta

Overview

Valid: 71 Invalid: 2565 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		70	98.6%
1		1	1.4%
Sysmiss		2565	

I09_555: I09 - What alternate sources did the household use for electricity during the pa**Data file:** energy_data_weights_1.dta**Overview**

Valid: 71 Invalid: 2565 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		56	78.9%
1		15	21.1%
Sysmiss		2565	

I09_OTHER: I09_OTHER - Specify**Data file:** energy_data_weights_1.dta**Overview**

Valid: 2636 Invalid:
 Type: Discrete Width: 78 Range: - Format: character

I10: I10 - How many children are enrolled in school?**Data file:** energy_data_weights_1.dta**Overview**

Valid: 2635 Invalid: 1 Minimum: 0 Maximum: 11
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	None	377	14.3%
1		373	14.2%
2		735	27.9%
3		550	20.9%
4		333	12.6%
5		167	6.3%
6		57	2.2%
7		20	0.8%

8		14	0.5%
9		4	0.2%
10		3	0.1%
11		2	0.1%
Sysmiss		1	

I11: I11 - Are there any online classes offered to your school going children in lock

Data file: energy_data_weights_1.dta

Overview

Valid: 2258 Invalid: 378 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	140	6.2%
2	No	2118	93.8%
Sysmiss		378	

I12: I12 - Do your school going children attend the full-time online classes offered

Data file: energy_data_weights_1.dta

Overview

Valid: 140 Invalid: 2496 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	87	62.1%
2	No	53	37.9%
Sysmiss		2496	

I13: I13 - Why could not your children attend online classes completely?

Data file: energy_data_weights_1.dta

Overview

Valid: 53 Invalid: 2583 Minimum: 1 Maximum: 555
 Type: Discrete Decimal: 0 Width: 3 Range: 1 - 555 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Household does not have electricity	6	11.3%
2	Household does not have an internet connection	14	26.4%
3	Household does not have a computer	7	13.2%
4	Children are not used to attending/learning fromonline classes	5	9.4%
88	Do not know	17	32.1%
555	Other specify	4	7.5%
Sysmiss		2583	

I13_OTHER: I13_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 25 Range: - Format: character

I14: I14 - Why was no class offered to your child/children from your school?

Data file: energy_data_weights_1.dta

Overview

Valid: 2118 Invalid: 518 Minimum: 1 Maximum: 888
 Type: Discrete Decimal: 0 Width: 3 Range: 1 - 888 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Community does not have electricity	342	16.1%
2	Community does not have internet service providers	668	31.5%
555	Other specify	337	15.9%
888	Do not know	771	36.4%
Sysmiss		518	

I14_OTHER: I14_OTHER - Specify**Data file:** energy_data_weights_1.dta**Overview**

Valid: 2636 Invalid:
 Type: Continuous Width: 108 Range: - Format: character

I15: I15 - Did the household expenditure on cooking fuel change during the lockdown f**Data file:** energy_data_weights_1.dta**Overview**

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 888
 Type: Discrete Decimal: 0 Width: 3 Range: 1 - 888 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Did not change	2243	85.1%
2	Increased little (<=25%)	65	2.5%
3	Increased moderately (25-50%)	33	1.3%
4	Increased substantially (>50%)	3	0.1%
5	Decreased little (<=25%)	28	1.1%
6	Decreased moderately (25-50%)	117	4.4%
7	Decreased substantially (>50%)	2	0.1%
888	Do not know	144	5.5%
Sysmiss		1	

I16__1: I16 - If household's cooking fuel expenditure increased during the lockdown, how**Data file:** energy_data_weights_1.dta**Overview**

Valid: 101 Invalid: 2535 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		80	79.2%
1		21	20.8%

Sysmiss		2535	
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I16__2: I16 - If household's cooking fuel expenditure increased during the lockdown, how

Data file: energy_data_weights_1.dta

Overview

Valid: 101 Invalid: 2535 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		56	55.4%
1		45	44.6%
Sysmiss		2535	

I16__3: I16 - If household's cooking fuel expenditure increased during the lockdown, how

Data file: energy_data_weights_1.dta

Overview

Valid: 101 Invalid: 2535 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		43	42.6%
1		58	57.4%
Sysmiss		2535	

I16__4: I16 - If household's cooking fuel expenditure increased during the lockdown, how

Data file: energy_data_weights_1.dta

Overview

Valid: 101 Invalid: 2535 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		100	99%
1		1	1%
Sysmiss		2535	

I16__555: I16 - If household's cooking fuel expenditure increased during the lockdown, how

Data file: energy_data_weights_1.dta

Overview

Valid: 101 Invalid: 2535 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		100	99%
1		1	1%
Sysmiss		2535	

I16_OTHER: I16_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 52 Range: - Format: character

I17: I17 - Did the household use alternate cooking fuels (completely or partially) be

Data file: energy_data_weights_1.dta

Overview

Valid: 101 Invalid: 2535 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	40	39.6%
2	No	61	60.4%
Sysmiss		2535	

I18__1: I18 - What alternate/additional fuels did the household use for cooking during t

Data file: energy_data_weights_1.dta

Overview

Valid: 40 Invalid: 2596 Minimum: 0 Maximum: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		38	95%
1		2	5%
Sysmiss		2596	

I18__2: I18 - What alternate/additional fuels did the household use for cooking during t

Data file: energy_data_weights_1.dta

Overview

Valid: 40 Invalid: 2596 Minimum: 0 Maximum: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		39	97.5%
1		1	2.5%
Sysmiss		2596	

I18__3: I18 - What alternate/additional fuels did the household use for cooking during t

Data file: energy_data_weights_1.dta

Overview

Valid: 40 Invalid: 2596 Minimum: 0 Maximum: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		39	97.5%
1		1	2.5%
Sysmiss		2596	

I18__4: I18 - What alternate/additional fuels did the household use for cooking during t

Data file: energy_data_weights_1.dta

Overview

Valid: 40 Invalid: 2596 Minimum: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		40	100%
Sysmiss		2596	

I18__5: I18 - What alternate/additional fuels did the household use for cooking during t

Data file: energy_data_weights_1.dta

Overview

Valid: 40 Invalid: 2596 Minimum: 0 Maximum: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		4	10%
1		36	90%
Sysmiss		2596	

I18__6: I18 - What alternate/additional fuels did the household use for cooking during t**Data file:** energy_data_weights_1.dta**Overview**Valid: 40 Invalid: 2596 Minimum: 0
Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric**Questions and instructions**

CATEGORIES

Value	Category	Cases	
0		40	100%
Sysmiss		2596	

I18__7: I18 - What alternate/additional fuels did the household use for cooking during t**Data file:** energy_data_weights_1.dta**Overview**Valid: 40 Invalid: 2596 Minimum: 0
Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric**Questions and instructions**

CATEGORIES

Value	Category	Cases	
0		40	100%
Sysmiss		2596	

I18__8: I18 - What alternate/additional fuels did the household use for cooking during t**Data file:** energy_data_weights_1.dta**Overview**Valid: 40 Invalid: 2596 Minimum: 0
Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric**Questions and instructions**

CATEGORIES

Value	Category	Cases	
0		40	100%
Sysmiss		2596	

I18_9: I18 - What alternate/additional fuels did the household use for cooking during t

Data file: energy_data_weights_1.dta

Overview

Valid: 40 Invalid: 2596 Minimum: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		40	100%
Sysmiss		2596	

I18_555: I18 - What alternate/additional fuels did the household use for cooking during t

Data file: energy_data_weights_1.dta

Overview

Valid: 40 Invalid: 2596 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		38	95%
1		2	5%
Sysmiss		2596	

I18_OTHER: I18_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 10 Range: - Format: character

J1: J1 - Have you ever gotten tested for COVID-19?

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 5
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	YES, RAPID TEST	90	3.4%
2	YES, SWAB TEST	81	3.1%
3	YES, RAPID AND SWAB TEST	19	0.7%
4	YES, DON'T KNOW WHICH TEST	39	1.5%
5	NO	2406	91.3%
Sysmiss		1	

J2: J2 - If an approved vaccine to prevent COVID-19 was to become available at no

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 3
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	881	33.4%
2	No	1491	56.6%
3	Not sure	263	10%
Sysmiss		1	

J3: J3 - What is your main concern for not wanting to be vaccinated / not being su

Data file: energy_data_weights_1.dta

Overview

Valid: 1754 Invalid: 882 Minimum: 1 Maximum: 10
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	I DON'T THINK IT WILL WORK	88	5%
2	I AM WORRIED ABOUT SIDE EFFECTS	873	49.8%
3	I ALREADY HAD COVID-19	0	0%
4	I AM NOT ENOUGH AT RISK OF CONTRACTING COVID-19	77	4.4%
5	IN GENERAL, I DON'T TRUST VACCINES	419	23.9%
6	IT IS AGAINST MY RELIGION	39	2.2%
7	I AM WORRIED TO GET INFECTED WITH COVID-19 AT THE HEALTH FACILITY	29	1.7%
8	HEALTH FACILITY TOO FAR OR TOO HARD TO GET TO	24	1.4%
9	IT WILL TAKE TOO LONG TO GET VACCINATED/ I DON'T HAVE TIME TO GET VACCINATED	6	0.3%
10	OTHER (SPECIFY)	199	11.3%
Sysmiss		882	

J3_OTHER: J3_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:

Type: Continuous Width: 101 Range: - Format: character

J4_1: J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:F

Data file: energy_data_weights_1.dta

Overview

Valid: 1754 Invalid: 882 Minimum: 0 Maximum: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1147	65.4%
1		607	34.6%
Sysmiss		882	

J4_2: J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:R

Data file: energy_data_weights_1.dta

Overview

Valid: 1754 Invalid: 882 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1470	83.8%
1		284	16.2%
Sysmiss		882	

J4_3: J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:D

Data file: energy_data_weights_1.dta

Overview

Valid: 1754 Invalid: 882 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1271	72.5%
1		483	27.5%
Sysmiss		882	

J4_4: J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:C

Data file: energy_data_weights_1.dta

Overview

Valid: 1754 Invalid: 882 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1646	93.8%
1		108	6.2%
Sysmiss		882	

J4_5: J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:E

Data file: energy_data_weights_1.dta

Overview

Valid: 1754 Invalid: 882 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1745	99.5%
1		9	0.5%
Sysmiss		882	

J4_6: J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:S

Data file: energy_data_weights_1.dta

Overview

Valid: 1754 Invalid: 882 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1712	97.6%
1		42	2.4%
Sysmiss		882	

J4_7: J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:C

Data file: energy_data_weights_1.dta

Overview

Valid: 1754 Invalid: 882 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1750	99.8%
1		4	0.2%
Sysmiss		882	

J4_8: J4 - Would you be more likely to receive the COVID-19 vaccine if any of the fo:0

Data file: energy_data_weights_1.dta

Overview

Valid: 1754 Invalid: 882 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		902	51.4%
1		852	48.6%
Sysmiss		882	

J4_OTHER: J4_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Continuous Width: 116 Range: - Format: character

J5: J5 - I would like to call you again in one month as a follow up of this study ab

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	2589	98.3%
2	No	46	1.7%

Sysmiss		1	
---------	--	---	--

RESULT: Interview Result

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 1 Maximum: 1
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Complete	2635	100%
2	Partial	0	0%
3	Language Barrier	0	0%
4	Refusal	0	0%
5	Could not reach respondent	0	0%
96	Other Specify	0	0%
Sysmiss		1	

RESULT_OTHER: RESULT_OTHER - Specify

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
 Type: Discrete Width: 1 Range: - Format: character

K5: K5 - DID YOU TRY CALLING ALL THE NUMBERS PROVIDED FOR THIS HOUSEHOLD, INCLUDING

Data file: energy_data_weights_1.dta

Overview

Valid: Invalid: 2636 Maximum: *
 Type: Discrete Decimal: 0 Width: 1 Range: - * Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Yes

2	No
Sysmiss	

K6: K6 - WHY DIDN'T YOU TRY CALLING ALL THE NUMBERS PROVIDED FOR THIS HOUSEHOLD, INC

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
Type: Discrete Width: 1 Range: - Format: character

COMMENTS: Interviewer Comments

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
Type: Continuous Width: 116 Range: - Format: character

ENDTIME: Endtime

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid:
Type: Continuous Width: 19 Range: - Format: character

SSSYS_IRND: Random number in the range 0..1 associated with interview

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 0.000113347079657645 Maximum: 0.999887879937835
Type: Continuous Decimal: 2 Width: 4 Range: 0.000113347079657645 - 0.999887879937835 Format: Numeric

HAS_ERRORS: Errors count in the interview

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 0
Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2636	100%

INTERVIEW__STATUS: Status of the interview

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 130 Maximum: 130
 Type: Discrete Decimal: 0 Width: 3 Range: 130 - 130 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-1	Deleted	0	0%
0	Restored	0	0%
20	Created	0	0%
40	SupervisorAssigned	0	0%
60	InterviewerAssigned	0	0%
65	RejectedBySupervisor	0	0%
80	ReadyForInterview	0	0%
85	SentToCapi	0	0%
95	Restarted	0	0%
100	Completed	0	0%
120	ApprovedBySupervisor	0	0%
125	RejectedByHeadquarters	0	0%
130	ApprovedByHeadquarters	2636	100%

PL_S2Q2:

Data file: energy_data_weights_1.dta

Overview

Valid: 2550 Invalid: 86 Minimum: 1 Maximum: 15
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1557	61.1%
2		311	12.2%
3		525	20.6%
4		9	0.4%
5		1	0%
6		5	0.2%
7		75	2.9%
8		13	0.5%
9		20	0.8%
10		23	0.9%
12		1	0%
14		7	0.3%
15		3	0.1%
Sysmiss		86	

PL_S2Q10:

Data file: energy_data_weights_1.dta

Overview

Valid: 2635 Invalid: 1 Minimum: 0 Maximum: 3
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No Education	181	6.9%
1	Primary of below	858	32.6%
2	Secondary / vocational	1143	43.4%
3	Tertiary	453	17.2%
Sysmiss		1	

PL_S4Q21:

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1439	54.6%
2		1197	45.4%

HHSIZE: Household size

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 30
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 30 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		47	1.8%
2		75	2.8%
3		153	5.8%
4		268	10.2%
5		393	14.9%
6		409	15.5%
7		373	14.2%
8		274	10.4%
9		157	6%
10		139	5.3%
11		79	3%
12		81	3.1%
13		40	1.5%
14		26	1%
15		33	1.3%
16		20	0.8%
17		17	0.6%
18		10	0.4%

19		7	0.3%
20		11	0.4%
21		2	0.1%
22		3	0.1%
23		2	0.1%
24		2	0.1%
25		7	0.3%
26		1	0%
28		2	0.1%
30		5	0.2%

PROVINCE: province

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 22
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		131	5%
2		217	8.2%
3		160	6.1%
4		163	6.2%
5		104	3.9%
6		110	4.2%
7		121	4.6%
8		126	4.8%
9		35	1.3%
10		79	3%
11		100	3.8%
12		144	5.5%
13		144	5.5%
14		222	8.4%
15		247	9.4%
16		115	4.4%
17		70	2.7%

18		42	1.6%
19		64	2.4%
20		22	0.8%
21		66	2.5%
22		154	5.8%

STRATA: Strata

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 22
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 22 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		131	5%
2		217	8.2%
3		160	6.1%
4		163	6.2%
5		104	3.9%
6		110	4.2%
7		121	4.6%
8		126	4.8%
9		35	1.3%
10		79	3%
11		100	3.8%
12		144	5.5%
13		144	5.5%
14		222	8.4%
15		247	9.4%
16		115	4.4%
17		70	2.7%
18		42	1.6%
19		64	2.4%
20		22	0.8%
21		66	2.5%
22		154	5.8%

URBRUR: urban / rural

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	urban	1148	43.6%
2	rural	1488	56.4%

AGE: Age

Data file: energy_data_weights_1.dta

Overview

Valid: 2294 Invalid: 342 Minimum: 18 Maximum: 99
 Type: Continuous Decimal: 0 Width: 2 Range: 18 - 99 Format: Numeric

SEX: Sex

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1847	70.1%
2		789	29.9%

RELATION: Relationship

Data file: energy_data_weights_1.dta

Overview

Valid: 2550 Invalid: 86 Minimum: 1 Maximum: 15
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1557	61.1%
2		311	12.2%
3		525	20.6%
4		9	0.4%
5		1	0%
6		5	0.2%
7		75	2.9%
8		13	0.5%
9		20	0.8%
10		23	0.9%
12		1	0%
14		7	0.3%
15		3	0.1%
Sysmiss		86	

HEAD: Household head

Data file: energy_data_weights_1.dta

Overview

Valid: 2550 Invalid: 86 Minimum: 0 Maximum: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		993	38.9%
1		1557	61.1%
Sysmiss		86	

REGION: RECODE of province (province)

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 1 Maximum: 4
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Highlands	1006	38.2%
2	Islands	484	18.4%
3	Momase	728	27.6%
4	Southern	418	15.9%

EDUCATION: RECODE of B7 (B7 - What is your highest level of education completed?)

Data file: energy_data_weights_1.dta

Overview

Valid: 2636 Invalid: Minimum: 0 Maximum: 3
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		181	6.9%
1		858	32.5%
2		1142	43.3%
3		455	17.3%

study_resources

questionnaires

World Bank Energy, Questionnaire

title World Bank Energy, Questionnaire
country Papua New Guinea
language English
filename original_maindata.pdf

World Bank Energy, Questionnaire (Tok Pisin)

title World Bank Energy, Questionnaire (Tok Pisin)
country Papua New Guinea
filename tok_pisin_maindata.pdf

reports

Beyond Connections - Energy Access Diagnostic Report Based on the Multi-Tier Framework

title Beyond Connections - Energy Access Diagnostic Report Based on the Multi-Tier Framework
country Papua New Guinea
language English
filename energy_1.pdf

technical_documents

Sampling Strategy in Papua New Guinea

title Sampling Strategy in Papua New Guinea
country Papua New Guinea
language English
filename sampling_strategy_and_weight_calculation_in_png.pdf

Codebook

title Codebook
country Papua New Guinea
language English
filename codebook_png.xlsx
