

West Bank and Gaza - Household Energy Survey 2010

Palestinian Central Bureau of Statistics

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Overview

Identification

ID NUMBER
WBG_2010_HES-S3_v01_M

Version

VERSION DESCRIPTION

PRODUCTION DATE
2011-04-26

Overview

ABSTRACT

The energy statistics program has implemented seventeen rounds of the Household Energy Survey during 1999-2010. Because of the importance of the household sector and due to its large contribution to energy consumption in the Palestinian Territory, PCBS decided to conduct a special Household Energy Survey to cover energy indicators in the household sector. To achieve this, a questionnaire was attached to the Labor Force Survey. This survey aimed to provide data on energy consumption in the household sector and to provide data on energy consumption behavior and patterns in the society by type of energy. The survey presents data on energy indicators pertaining to households in the Palestinian Territory. This includes statistical data on electricity and other fuel consumption by households covering type of fuel for different activities (cooking, baking, conditioning, lighting, and water heating).

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Households

Scope

NOTES

The survey presents data on energy indicators pertaining to households in the Palestinian Territory. This includes statistical data on electricity and other fuel consumption by households covering type of fuel for different activities (cooking, baking, conditioning, lighting, and water heating).

TOPICS

Topic	Vocabulary	URI
Natural resources and energy [9.3]	CESSDA	http://www.nesstar.org/rdf/common

KEYWORDS

Energy, Electricity, Fuel

Coverage

GEOGRAPHIC COVERAGE

West Bank and Gaza

UNIVERSE

The target population was all Palestinian households living in the Palestinian Territory.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Palestinian Central Bureau of Statistics	PNA

FUNDING

Name	Abbreviation	Role
Palestinian National Authority	PNA	
Representative Office of Norway		
Swiss Development and Cooperation Agency	SDC	
The Core Funding Group	CFG	

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Representative Office of Norway		
Swiss Development and Cooperation Agency	SDC	
The Core Funding Group	CFG	

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Palestinian Central Bureau of Statistics	PCBS	PNA	Produce Survey from idea to Publishing

DATE OF METADATA PRODUCTION

2014-01-27

DDI DOCUMENT VERSION

Version 1.1 (January 2014)

Adaptation of DDI-PS-PCBS-HES-July 2010-V1.0

DDI DOCUMENT ID

DDI_WBG_2010_HES_S3_v01_M

Sampling

Sampling Procedure

Sample Frame

The sample is a two-stage stratified cluster random sample.

Target Population

The target population was all Palestinian households living in the Palestinian Territory.

Sampling Frame

The sampling frame is a master sample from the overall sample that was updated in 2003 for the households that were visited a third or fourth time in the Labor Force Survey, while the households to be visited for the first and second time were chosen from the Master Sampling frame of the Population, Housing and Establishment Census 2007. The sampling frame consists of a list of enumeration areas used as PSU's in the first stage of selection, and the households frame was used to choose households in the second level.

Sampling Design

The sample of this survey is a sub-sample of the Labor Force Survey (LFS) sample, which is conducted periodically since September 1995. The sample of LFS is distributed over 13 weeks. The sample of the Household Energy Survey occupies six weeks of the first quarter of 2010 of the LFS.

Stratification:

In designing the sample of the LFS, three levels of stratification were made:

Stratification by governorate.

Stratification by place of residence which comprises:

(a) Urban (b) Rural (c) Refugee camps

Stratification by locality size.

Sample Unit:

In the first stage, the sampling units are the enumeration areas (clusters) from the master sample. In the second stage, the sampling units are households.

Analysis Unit:

The unit of analysis is the household.

Sample Size:

The sample size is comprised of (3,312) Palestinian households in the West Bank and Gaza Strip, where this sample was distributed according to locality type (urban, rural and refugee camps).

Response Rate

During fieldwork 3,312 households were visited in the Palestinian Territory. 2,876 questionnaire were Completed in the Palestinian Territory.

Weighting

Since the sampling weight is inversely proportional with the percentage of the sample from the frame, and as this ratio is different from the percentage sample for the population in the reference period, the weight was adjusted to show the total population at the middle of 2010. The weights were also adjusted to make the distribution of persons in the sample by region, sex, and age structure to become identical to the distribution in the census 2007. Finally, weights were adjusted to compensate for incomplete cases that occur during data collection.

Questionnaires

Overview

The design of the questionnaire for the Household Energy Survey was based on the experiences of similar countries as well as on international standards and recommendations for the most important indicators, taking into account the special situation of the Palestinian Territory.

Data Collection

Data Collection Dates

Start	End	Cycle
2010-08-22	2010-09-30	58

Data Collection Mode

Face-to-face [f2f]

Questionnaires

The design of the questionnaire for the Household Energy Survey was based on the experiences of similar countries as well as on international standards and recommendations for the most important indicators, taking into account the special situation of the Palestinian Territory.

Data Collectors

Name	Abbreviation	Affiliation
Palestinian Central Bureau of Statistics	PCBS	PNA

Supervision

Fieldworkers were trained on the main skills relevant to the survey before the start of data collection. Instructions for filling the questionnaire were made available for the interviewers. The training provided fieldworkers with aims and definitions of the different indicators of the survey.

Fieldworkers were distributed to all governorates proportional to the sample size of each governorate. The fieldwork team consisted of 24 members, including one fieldwork coordinator, 4 supervisors, 4 editors and 15 interviewers.

Several measures had been taken to ensure the efficiency of quality controls in the survey, such as: the training of fieldworkers on the main skills before the start of data collection, conducting field visits to fieldworkers to ensure the integrity of data collection, editing of questionnaires before data entry, using data entry application that does not allow any mistakes during the process of data entry, and then examining the data. This was done to ensure data is error free ; while cleaning and inspection of the anomalous values have been made to ensure harmony between the different questions on the questionnaire.

Data Processing

Data Editing

The data processing stage consisted of the following operations:

Editing and coding before data entry: All questionnaires were edited and coded in the office using the same instructions adopted for editing in the field.

Data entry: At this stage, data was entered into the computer using a data entry template developed in Access. The data entry program was prepared to satisfy a number of requirements such as:

- To prevent the duplication of the questionnaires during data entry.
- To apply integrity and consistency checks of entered data.
- To handle errors in user friendly manner.
- The ability to transfer captured data to another format for data analysis using statistical analysis software such as SPSS.

Data Appraisal

Estimates of Sampling Error

It includes many aspects of the survey, mainly statistical errors due to the sample, and non statistical errors referring to the workers and tools of the survey. It includes also the response rates in the survey and their effect on the assumptions. This section includes:

1. Sampling Errors

These types of errors evolved as a result of studying a part of the population and not all of it. Because this is a sampled survey, the data will be affected by sampling errors due to using a sample and not the whole frame of the population. Differences appear compared with the actual values that could be obtained through a census. For this survey, variance calculations were made for average household consumption and total consumption for the different types of energy in the Palestinian Territory.

2. Non Sampling Errors

These errors are due to non-response cases as well as the implementation of surveys. In this survey, these errors emerged because of (a) the special situation of the questionnaire itself, which some parts depend partially on estimation, (b) diversity of sources (e.g., the interviewers, respondents, editors, coders, data entry operator, etc).

The sources of these errors can be summarized as:

Some of the households were not in their houses and the interviewers could not meet them.

Some of the households did not give attention to the questionnaire.

Some errors occurred due to the way the questions were asked by interviewers.

Misunderstanding of the questions by the respondents.

Answering the questions related to consumption by making estimations.

None response rate = Sum of none response cases x 100%

Net sample

= $48 \times 100\% = 1.45\%$

3.312

Response rate = 100% - none response rate

= 100% - 1.45% = 98.55%

Other forms of Data Appraisal

The data of the Household Energy Survey is comparable geographically and over time by comparing the data between different geographical areas with the data of previous surveys and census 2007.

File Description

Variable List

ENRS58E

Content	This file contains data on: - Availability of Electricity Status and the Main Electricity Source in Housing Unit - Type of Electricity Meter Used - Number of Hours of Electricity Service - Solar Heater Usage Status - Conditioning Facilities Used - Main Cooking Facility Used - Main Fuel Used for Baking - Main Fuel Used for Water heating - Main Fuel Used for Conditioning - Households that Used Energy in the Palestinian Territory, and Energy Type - Average Household Consumption of Energy from the Households that Used Energy in the Palestinian Territory We are using statistical analysis software SPSS.	
Cases	0	
Variable(s)	53	
Structure	Type: Keys: ()	
Version		
Producer	Palestinian Central Bureau of Statistics	
Missing Data		

Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1	IDSAM1	Sample number	discrete	numeric	
V2	Region	Region	contin	numeric	
V3	PERSONS	Number of Household Members	contin	numeric	
V4	ENR011	Main Source of Electricity in the House	contin	numeric	What is the main electricity source in the house
V5	ENR013	Type of Electricity Meter Used	contin	numeric	Type of Electricity Meter Used
V6	ENR21	Consumption Quantity (KW.h)	contin	numeric	Quantity of consumption (KWh)
V7	ENR22	Electricity Consumption Cost (NIS)	contin	numeric	Electricity cost (NIS)
V8	ENR23	Price of KWh (NIS)	contin	numeric	Price of KWh
V9	ENR24	gross Electricity and rate cost (without previous debt)(NIS)	contin	numeric	Gross Electricity and rate cost (NIS)
V10	ENR25	Number of Days of Consumption	contin	numeric	Number of Days of Consumption
V11	ENR26	Number of Hours of Electricity Service during April 2010	discrete	numeric	Number of Hours of Electricity Service during July 201
V12	ENR31	Solar Heater Using in the House	contin	numeric	Do you use solar heater in your house:
V13	ENR32	Solar Heater Panels Number	contin	numeric	Mention the number of solar collector unit used in the solar heater of the house?
V14	ENR04A_1	Main Fuel (cooking)	contin	numeric	Cooking
V15	ENR04A_2	Main Fuel (baking)	contin	numeric	Baking
V16	ENR04A_3	Main Fuel (lighting)	contin	numeric	Lighting
V17	ENR04A_4	Main Fuel (heating water)	contin	numeric	Main Fuel (heating water)
V18	ENR04A_5	Main Fuel (conditioning)	contin	numeric	conditioning
V19	ENR04B_1	Main means used for cooking	contin	numeric	Main means used for cooking
V20	ENR04B_2	Main means used for baking	contin	numeric	Main means used for baking
V21	ENR05	Conditioning your house	contin	numeric	Did you Conditioning the house during July 2010?
V22	ENR06_1	Usage (Electrical Coinditioner)	contin	numeric	Electrical Coinditioner Usage

V23	ENR06_2	Usage (Fixed Fan)	contin	numeric	Fixed Fan Usage
V24	ENR06_3	Usage (Mobile Fan)	contin	numeric	Mobile Fan Usage
V25	ENR06_4	Usage (Others)	contin	numeric	Other Usage
V26	ENR071	Wood Usage	contin	numeric	Wood Usage
V27	ENR071Q	Quantity of Wood Usage	contin	numeric	Quantity of Wood Usage
V28	ENR072	Coal Usage	contin	numeric	Coal Usage
V29	ENR072Q	Quantity of Coal Usage	contin	numeric	Quantity of Coal Usage
V30	ENR073	Olive cake Usage	contin	numeric	Olive cake Usage
V31	ENR073Q	Quantity of Olive cake Usage	contin	numeric	Quantity of Olive cake Usage
V32	ENR074	Kerosene Usage	contin	numeric	Kerosene Usage
V33	ENR074Q	Quantity of Kerosene Usage	contin	numeric	Quantity of Kerosene Usage
V34	ENR074P	Cost of Kerosene Usage	contin	numeric	Cost of Kerosene Usage
V35	ENR075	LPG Usage	contin	numeric	LPG Usage
V36	ENR075Q_5	Quantity of LBGUsage	contin	numeric	Quantity of LBG Usage
V37	ENR075P	Cost of LBG Usage	contin	numeric	Cost of LBG Usage
V38	ENR081	Availability (Special Car)	contin	numeric	Availability (Special Car)
V39	ENR082	Availability (Electricity Generation)	contin	numeric	Availability (Electricity Generation)
V40	ENR083	Availability (Conditioning)	contin	numeric	Availability (Conditioning)
V41	ENR084	Availability (Others/determin.....)	contin	numeric	Availability (Others/determin.....)
V42	ENR081DP	the expenditure (by NIS) of the diesel on Special car	contin	numeric	the expenditure (by NIS) of the diesel on Special car
V43	ENR082DP	the expenditure (by NIS) of the diesel on Electricity generation	contin	numeric	the expenditure (by NIS) of the diesel on Electricity generation
V44	ENR083DP	the expenditure (by NIS) of the diesel on Conditioning	contin	numeric	the expenditure (by NIS) of the diesel on Conditioning
V45	ENR084DP	the expenditure (by NIS) of the diesel on Others	contin	numeric	the expenditure (by NIS) of the diesel on Others
V46	ENR081GP	the expenditure (by NIS) of the Gasoline on Special car	contin	numeric	the expenditure (by NIS) of the Gasoline on Special car
V47	ENR082GP	the expenditure (by NIS) of the Gasoline on Electricity generation	contin	numeric	the expenditure (by NIS) of the Gasoline on Electricity generation
V48	ENR083GP	the expenditure (by NIS) of the Gasoline on Conditioning	contin	numeric	the expenditure (by NIS) of the Gasoline on Conditioning
V49	ENR084GP	the expenditure (by NIS) of the Gasoline on Others	contin	numeric	the expenditure (by NIS) of the Gasoline on Others
V50	ENR081OP	the expenditure (by NIS) of other fule on Special car	contin	numeric	the expenditure (by NIS) of other fule on Special car
V51	ENR082OP	the expenditure (by NIS) of other fule on Electricity generation	contin	numeric	the expenditure (by NIS) of other fule on Electricity generation
V52	ENR083OP	the expenditure (by NIS) of other fule on Others	contin	numeric	the expenditure (by NIS) of other fule on Others
V53	RW	Relative Weight	contin	numeric	Relative Weight

Sample number (IDSAM1)

File: ENRS58E

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 7	
Decimals: 0	
Range: 1060068-1163800	

Description

Sample number

Region (Region)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-4	

Description

Region

Number of Household Members (PERSONS)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 2	
Decimals: 0	
Range: 1-32	

Description

Number of Household Members

Source of information

one of the household members

Main Source of Electricity in the House (ENR011)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 1-3	

Description

Main Source of Electricity in the House

Source of information

one of the household members

Literal question

What is the main electricity source in the house

Post question

If the answer is 2 or 3, Move to Question ENR031

Type of Electricity Meter Used (ENR013)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 1-2	

Description

Type of Electricity Meter Used

Source of information

one of the household members

Literal question

Type of Electricity Meter Used

Consumption Quantity (KW.h) (ENR21)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 7	
Decimals: 0	
Range: 28.3076923076923-4099.75	

Description

Consumption Quantity (KW.h)

Source of information

one of the household members

Pre question

According to final available data about data for electricity consumption in the house during July 2010, complete the following data (without previous debt):

Literal question

Quantity of consumption (KWh)

Interviewer instructions

The fieldworker researcher to the question about the availability of electricity bill

Electricity Consumption Cost (NIS) (ENR22)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 3	
Decimals: 0	
Range: 23-636	

Description

Electricity Consumption Cost (NIS)

Source of information

one of the household members

Pre question

According to final available data about data for electricity consumption in the house during July 2010, complete the following data (without previous debt):

Literal question

Electricity cost (NIS)

Interviewer instructions

The fieldworker researcher to the question about the availability of electricity bill

Price of KWh (NIS) (ENR23)

File: ENRS58E

Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 2
Range: 0.36-0.8

Valid cases: 0 (0)
Invalid: 0 (0)

Description

Price of KWh (NIS)

Source of information

one of the household members

Pre question

According to final available data about data for electricity consumption in the house during July 2010, complete the following data (without previous debt):

Literal question

Price of KWh

Interviewer instructions

The fieldworker researcher to the question about the availability of electricity bill

gross Electricity and rate cost (without previous debt)(NIS) (ENR24)

File: ENRS58E

Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 10-1505

Valid cases: 0 (0)
Invalid: 0 (0)

Description

gross Electricity and rate cost (without previous debt)(NIS)

Source of information

one of the household members

Pre question

According to final available data about data for electricity consumption in the house during July 2010, complete the following data (without previous debt):

Literal question

Gross Electricity and rate cost (NIS)

Number of Days of Consumption (ENR25)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-43

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

Number of Days of Consumption

Source of information

one of the household members

Pre question

According to final available data about data for electricity consumption in the house during July 2010, complete the following data (without previous debt):

Literal question

Number of Days of Consumption

Number of Hours of Electricity Service during April 2010 (ENR26)

File: ENRS58E

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-4

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

Number of Hours of Electricity Service during April 2010

Source of information

one of the household members

Pre question

According to final available data about data for electricity consumption in the house during July 2010, complete the following data (without previous debt):

Literal question

Number of Hours of Electricity Service during July 201

Solar Heater Using in the House (ENR31)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

Solar Heater Using in the House

Source of information

one of the household members

Literal question

Do you use solar heater in your house:

Post question

If the answer is 2, Move to Question ENR04

Solar Heater Panels Number (ENR32)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-5

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

Solar Heater Panels Number

Source of information

one of the household members

Literal question

Mention the number of solar collector unit used in the solar heater of the house?

Main Fuel (cooking) (ENR04A_1)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-10

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

Main Fuel (cooking)

Source of information

one of the household members

Pre question

Mention the main fuel used in the different activities in the house during July 2010:

Literal question

Cooking

Main Fuel (baking) (ENR04A_2)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-10

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

Main Fuel (baking)

Source of information

one of the household members

Pre question

Mention the main fuel used in the different activities in the house during July 2010:

Literal question

Baking

Main Fuel (lighting) (ENR04A_3)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 2	
Decimals: 0	
Range: 0-10	

Description

Main Fuel (lighting)

Source of information

one of the household members

Pre question

Mention the main fuel used in the different activities in the house during July 2010:

Literal question

Lighting

Main Fuel (heating water) (ENR04A_4)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 2	
Decimals: 0	
Range: 0-10	

Description

Main Fuel (heating water)

Source of information

one of the household members

Pre question

Mention the main fuel used in the different activities in the house during July 2010:

Literal question

Main Fuel (heating water)

Main Fuel (conditioning) (ENR04A_5)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 2	
Decimals: 0	
Range: 0-10	

Description

Main Fuel (conditioning)

Source of information

one of the household members

Pre question

Mention the main fuel used in the different activities in the house during July 2010:

Literal question

conditioning

Main means used for cooking (ENR04B_1)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 1-4	

Description

Main means used for cooking

Source of information

one of the household members

Pre question

Mention the main means used in the different activities in the house during July 2010:

Literal question

Main means used for cooking

Main means used for baking (ENR04B_2)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 1-4	

Description

Main means used for baking

Source of information

one of the household members

Pre question

Mention the main means used in the different activities in the house during July 2010:

Literal question

Main means used for baking

Conditioning your house (ENR05)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 1-2	

Description

Conditioning your house

Source of information

one of the household members

Literal question

Did you Conditioning the house during July 2010?

Post question

If the answer is 2, Move to Question ENR07

Usage (Electrical Coinditioner) (ENR06_1)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 1-3	

Description

Usage (Electrical Coinditioner)

Source of information

one of the household members

Pre question

Determine available ways and their uses in the house Conditioning during July 2010:

Literal question

Electrical Coinditioner Usage

Usage (Fixed Fan) (ENR06_2)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 1-3	

Description

Usage (Fixed Fan)

Source of information

one of the household members

Pre question

Determine available ways and their uses in the house Conditioning during July 2010:

Literal question

Fixed Fan Usage

Usage (Mobile Fan) (ENR06_3)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 1-3	

Description

Usage (Mobile Fan)

Source of information

one of the household members

Pre question

Determine available ways and their uses in the house Conditioning during July 2010:

Literal question

Mobile Fan Usage

Usage (Others) (ENR06_4)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 1-3	

Description

Usage (Others)

Source of information

one of the household members

Pre question

Determine available ways and their uses in the house Conditioning during July 2010:

Literal question

Other Usage

Wood Usage (ENR071)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 1-2	

Description

Wood Usage

Source of information

one of the household members

Pre question

Determine the used of type of fuel in the house, the consumption of these fuels, and the cost for this consumption during July 2010:

Literal question

Wood Usage

Post question

If the answer is 2, Move to Question ENR072

Quantity of Wood Usage (ENR071Q)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 4	
Decimals: 0	
Range: 10-1000	

Description

Quantity of Wood Usage

Source of information

one of the household members

Pre question

etermine the used of type of fuel in the house, the consumption of these fuels, and the cost for this consumption during July 2010:

Literal question

Quantity of Wood Usage

Coal Usage (ENR072)

File: ENRS58E

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0 (0)
Invalid: 0 (0)

Description

Coal Usage

Source of information

one of the household members

Pre question

etermine the used of type of fuel in the house, the consumption of these fuels, and the cost for this consumption during July 2010:

Literal question

Coal Usage

Post question

If the answer is 2, Move to Question ENR073

Quantity of Coal Usage (ENR072Q)

File: ENRS58E

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 1-100

Valid cases: 0 (0)
Invalid: 0 (0)

Description

Quantity of Coal Usage

Source of information

one of the household members

Pre question

etermine the used of type of fuel in the house, the consumption of these fuels, and the cost for this consumption during July 2010:

Literal question

Quantity of Coal Usage

Olive cake Usage (ENR073)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

Olive cake Usage

Source of information

one of the household members

Pre question

etermine the used of type of fuel in the house, the consumption of these fuels, and the cost for this consumption during July 2010:

Literal question

Olive cake Usage

Post question

If the answer is 2, Move to Question ENR074

Quantity of Olive cake Usage (ENR073Q)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 3
 Decimals: 0
 Range: 10-200

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

Quantity of Olive cake Usage

Source of information

one of the household members

Pre question

etermine the used of type of fuel in the house, the consumption of these fuels, and the cost for this consumption during July 2010:

Literal question

Quantity of Olive cake Usage

Kerosene Usage (ENR074)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

Kerosene Usage

Source of information

one of the household members

Pre question

etermine the used of type of fuel in the house, the consumption of these fuels, and the cost for this consumption during July 2010:

Literal question

Kerosene Usage

Post question

If the answer is 2, Move to Question ENR075

Quantity of Kerosene Usage (ENR074Q)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 2	
Decimals: 0	
Range: 1-40	

Description

Quantity of Kerosene Usage

Source of information

one of the household members

Pre question

determine the used of type of fuel in the house, the consumption of these fuels, and the cost for this consumption during July 2010:

Literal question

Quantity of Kerosene Usage

Cost of Kerosene Usage (ENR074P)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 3	
Decimals: 0	
Range: 3-120	

Description

Cost of Kerosene Usage

Source of information

one of the household members

Pre question

determine the used of type of fuel in the house, the consumption of these fuels, and the cost for this consumption during July 2010:

Literal question

Cost of Kerosene Usage

LPG Usage (ENR075)

File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 1-2	

Description

LPG Usage

Source of information

one of the household members

Pre question

determine the used of type of fuel in the house, the consumption of these fuels, and the cost for this consumption during July 2010:

Literal question

LPG Usage

Post question

If the answer is 2, Move to Question ENR08

Quantity of LBGUsage (ENR075Q_5)

File: ENRS58E

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-60

Valid cases: 0 (0)
Invalid: 0 (0)

Description

Quantity of LBGUsage

Source of information

one of the household members

Pre question

determine the used of type of fuel in the house, the consumption of these fuels, and the cost for this consumption during July 2010:

Literal question

Quantity of LBG Usage

Cost of LBG Usage (ENR075P)

File: ENRS58E

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 5-300

Valid cases: 0 (0)
Invalid: 0 (0)

Description

Cost of LBG Usage

Source of information

one of the household members

Pre question

determine the used of type of fuel in the house, the consumption of these fuels, and the cost for this consumption during July 2010:

Literal question

Cost of LBG Usage

Availability (Special Car) (ENR081)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

Availability (Special Car)

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

Availability (Special Car)

Post question

If the answer is 2, Move to Question ENR082

Availability (Electricity Generation) (ENR082)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

Availability (Electricity Generation)

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

Availability (Electricity Generation)

Post question

If the answer is 2, Move to Question ENR083

Availability (Conditioning) (ENR083)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

Availability (Conditioning)

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

Availability (Conditioning)

Post question

If the answer is 2, Move to Question ENR084

Availability (Others/determin.....) (ENR084)

File: ENRS58E

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0 (0)
Invalid: 0 (0)

Description

Availability (Others/determin.....)

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

Availability (Others/determin.....)

Post question

If the answer is 2, Move to Question (Move to IR1)

the expenditure (by NIS) of the diesel on Special car (ENR081DP)

File: ENRS58E

Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1500

Valid cases: 0 (0)
Invalid: 0 (0)

Description

the expenditure (by NIS) of the diesel on Special car

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

the expenditure (by NIS) of the diesel on Special car

the expenditure (by NIS) of the diesel on Electricity generation (ENR082DP)

File: ENRS58E

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-300

Valid cases: 0 (0)
Invalid: 0 (0)

Description

the expenditure (by NIS) of the diesel on Electricity generation

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

the expenditure (by NIS) of the diesel on Electricity generation

the expenditure (by NIS) of the diesel on Conditioning (ENR083DP)
File: ENRS58E

Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1000

Valid cases: 0 (0)
Invalid: 0 (0)

Description

the expenditure (by NIS) of the diesel on Conditioning

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

the expenditure (by NIS) of the diesel on Conditioning

the expenditure (by NIS) of the diesel on Others (ENR084DP)
File: ENRS58E

Overview

Type: Continuous
Format: numeric
Width: 1
Decimals: 0
Range: 0-0

Valid cases: 0 (0)
Invalid: 0 (0)

Description

the expenditure (by NIS) of the diesel on Others

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

the expenditure (by NIS) of the diesel on Others

the expenditure (by NIS) of the Gasoline on Special car (ENR081GP)
File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 4
 Decimals: 0
 Range: 0-1600

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

the expenditure (by NIS) of the Gasoline on Special car

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

the expenditure (by NIS) of the Gasoline on Special car

the expenditure (by NIS) of the Gasoline on Electricity generation
 (ENR082GP)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 3
 Decimals: 0
 Range: 0-600

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

the expenditure (by NIS) of the Gasoline on Electricity generation

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

the expenditure (by NIS) of the Gasoline on Electricity generation

the expenditure (by NIS) of the Gasoline on Conditioning (ENR083GP)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-0

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

the expenditure (by NIS) of the Gasoline on Conditioning

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

the expenditure (by NIS) of the Gasoline on Conditioning

the expenditure (by NIS) of the Gasoline on Others (ENR084GP) File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 0-0	

Description

the expenditure (by NIS) of the Gasoline on Others

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

the expenditure (by NIS) of the Gasoline on Others

the expenditure (by NIS) of other fule on Special car (ENR081OP) File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 3	
Decimals: 0	
Range: 0-360	

Description

the expenditure (by NIS) of other fule on Special car

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

the expenditure (by NIS) of other fule on Special car

the expenditure (by NIS) of other fule on Electricity generation (ENR082OP) File: ENRS58E

Overview

Type: Continuous	Valid cases: 0 (0)
Format: numeric	Invalid: 0 (0)
Width: 1	
Decimals: 0	
Range: 0-0	

Description

the expenditure (by NIS) of other fule on Electricity generation

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

the expenditure (by NIS) of other fuel on Electricity generation

the expenditure (by NIS) of other fuel on Others (ENR083OP)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 0-0

Valid cases: 0 (0)
 Invalid: 0 (0)

Description

the expenditure (by NIS) of other fuel on Others

Source of information

one of the household members

Pre question

Mention the expenditure (by NIS) of the diesel and gasoline in your household by usage type during July 2010?

Literal question

the expenditure (by NIS) of other fuel on Others

Relative Weight (RW)

File: ENRS58E

Overview

Type: Continuous
 Format: numeric
 Width: 13
 Decimals: 11
 Range: 0.113017252256528-3.46892142748788

Valid cases: 0
 Invalid: 0

Description

Relative Weight

Literal question

Relative Weight

Documentation

Questionnaires

Questionnaire of the Household Energy - Third Quarter 2010

Title	Questionnaire of the Household Energy - Third Quarter 2010
Author(s)	Palestinian Central Bureau of Statistics (PCPS)
Date	2010-07-01
Country	West Bank and Gaza
Publisher(s)	Palestinian Central Bureau of Statistics (PCPS)
Description	The design of the questionnaire for the Household Energy Survey was based on the experiences of similar countries as well as on international standards and recommendations for the most important indicators, taking into account the special situation of the Palestinian Territory.
Filename	Doc/Questionnaires/QUEST_E.pdf

Reports

Household Energy Survey, (July 2010)

Title	Household Energy Survey, (July 2010)
Author(s)	Palestinian Central Bureau of Statistics (PCPS)
Date	2010-12-01
Country	West Bank and Gaza
Contributor(s)	Core Funding Group (CFG) Representative Office of Norway to PNA The Swiss Development and Cooperation Agency (SDC).
Publisher(s)	Palestinian Central Bureau of Statistics (PCPS)
Description	The survey presents data on energy indicators pertaining to households in the Palestinian Territory. This includes statistical data on electricity and other fuel consumption by households covering type of fuel for different activities (cooking, baking, conditioning, lighting, and Water Heating).

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