

**U.S. Department of Energy
Energy Information Administration**

**1997 Residential Energy Consumption Survey
Household Questionnaire**

Section H: FUELS USED

H-1 USEEL USENG USELP USEFO USEKERO USEWOOD USESOLAR **You have mentioned using** (CAPI will list the fuels identified as used by the household). **Do you use** (CAPI will list the fuels which have not been identified as used by the household) **for any purpose in your home?**

Yes 1
No 0

[If Yes] **Which of these fuels do you use?** [Record all that apply.]

Electricity 05
Natural gas from underground pipes 01
Bottled gas (LPG or Propane) 02
Fuel oil 03
Kerosene 04
Wood 07
Solar 08

[If Electricity is named] ELWARM *ELWATER* ELFOOD ELCOOL ELOTHER **How do you use electricity in your home? Do you use it for. . . .**

	<u>Yes</u>	<u>No</u>
Heating your home	1	0
Air conditioning	1	0
Heating water	1	0
Cooking	1	0
Some other use (Specify _____) ..	1	0

[If Natural gas is named] UGWARM *UGWATER* UGCOOK UGOTHER **How do you use natural gas in your home? Do you use it for. . . .**

	<u>Yes</u>	<u>No</u>
Heating your home	1	0
Heating water	1	0
Cooking	1	0
Some other use (Specify _____) ..	1	0

[If Bottled gas is named] LPWARM LPWATER LPCOOK LPGRILL LPOTHER **How do you use bottled gas in your home? Do you use it for. . . .**

	<u>Yes</u>	<u>No</u>
Heating your home	1	0
Heating water	1	0
Operating a Cooking Stove	1	0
Outdoor Grill	1	0
Some other use (Specify _____) . .	1	0

[If Fuel oil is named] FOWARM FOWATER **How do you use fuel oil in your home? Do you use it for. . . .**

	<u>Yes</u>	<u>No</u>
Heating your home	1	0
Heating water	1	0

[If Kerosene is named] KRWARM KRWATER KROTHER **How do you use kerosene in your home? Do you use it for. . . .**

	<u>Yes</u>	<u>No</u>
Heating your home	1	0
Heating water	1	0
Some other use (Specify _____) . .	1	0

[If Wood is named] WDWARM WDWATER WDOTHER **How do you use wood in your home? Do you use it for. . . .**

	<u>Yes</u>	<u>No</u>
Heating your home	1	0
Heating water	1	0
Some other use (Specify _____) . .	1	0

[If Solar is named] SOLWARM SOLWATER SOLPOOL **How do you use solar in your home? Do you use it for. . . .**

	<u>Yes</u>	<u>No</u>
Heating your home	1	0
Heating water	1	0
Swimming pool heater	1	0

H-2 PELHEAT PELHOTWA PELCOOK PELAC PELLIGHT PGASHEAT PGASHTWA PUGCOOK PUGOTH FOPAY LPGPAY [Ask for all fuels/end uses not already recorded by CAPI as N/A] **In the past 12 months was the (fuel) used for (end use) paid for by your household, included in the rent or condo fee, or paid some other way?**

	<u>HH Pays</u>	<u>Rent/Fee</u>	<u>Other Way</u>	<u>Don't Know</u>
Electricity for . . .				
Heating your home	1	2	3	8
Air-Conditioning	1	2	3	8
Heating water	1	2	3	8
Cooking	1	2	3	8
Lighting and Appliances	1	2	3	8
Natural Gas for . . .				
Heating your home	1	2	3	8
Heating water	1	2	3	8
Cooking	1	2	3	8
Other uses	1	2	3	8
Fuel Oil	1	2	3	8
Bottled Gas	1	2	3	8

H-3 [If electricity or natural gas used for any purpose and KOWNRENT=Own/Buying] DERE **You may have heard that you will be able to shop for and select an electricity or natural gas supplier in the same way that you choose a long-distance telephone company. Some households are able to do this now. Is yours one of those households?**

[Interviewer: If the respondent does not understand the question then add: **In the past your electricity and natural gas have been supplied by your local company. Now, companies outside your local area that provide electricity and natural gas will be able to contact you and ask that you buy from them instead of the local company.**]

Yes 1
No 2

[If Yes] WCHFUEL **Which fuel could you purchase this way?**

Electricity, 1
Natural gas, or 2
Both 3

H-4 [If USELP=Yes] LPGDELV **Is bottled gas delivered to your home?**

Yes 1
No 0
Don't know 6

[If Yes] NDIFLPCO **How many different companies delivered bottled gas to you in the past 12 months?**

Enter the number

[If Yes] NLPDELNC **About how many deliveries did your household get in the past 12 months?**

Enter the number
Don't know 96
Did not live here the full 12 months ... 95

H-5 [If USEFO=Yes] QUANTFO **Please look at Exhibit H-5. About how much fuel oil did your household use in the past 12 months?**

Less than 100 gallons 1
100 to 499 gallons 2
500 to 1,000 gallons 3
More than 1,000 gallons 4
Don't know 6

H-5a [If USEFO=Yes] FODEL **Is fuel oil delivered to your home?**

Yes 1
No 0
Don't know 6

[If Yes] NDIFFOCO **How many different companies delivered fuel oil to your household in the past 12 months?**

Enter the number
Don't know 96

[If Yes] NFODELNC **About how many deliveries did your household get in the past 12 months?**

Enter the number
Don't know 96
Did not live here the full 12 months ... 95

H-6 [If USEKERO=Yes] KERODEL **You mentioned that you use kerosene in your household. Is kerosene delivered to your home?**

Yes 1
No 0
Don't know 6

[If Yes] NDIFKRCO **How many different companies delivered kerosene to your household in the past 12 months?**

Enter the number
Don't know 96

[If Yes] NKRDEL **About how many deliveries did your household get in the past 12 months?**

Enter the number
Don't know 96

H-6a [If USEKERO=Yes] KEROCASH **Did your household buy kerosene in the past 12 months and bring it home, that is, cash and carry?**

Yes 1
No 0
Don't know 6

[If Yes] NOCRCASH **How many times in the past 12 months did your household buy kerosene and bring it home?**

Enter the number
Don't know 96
Did not live here the full 12 months ... 95

[If Yes] NKR GALNC **Please look at Exhibit H-6. There are five common sizes of portable kerosene containers: 1 gallon, 3 gallon, 5 gallon, 10 gallon, and 55 gallon. On average how much kerosene did your household buy and bring home each time?**

1 gallon 01
3 gallons 02
5 gallons 03
10 gallons 04
55 gallons 05
Other 06
Not sure 07

[If Yes] PRICEKER **On average, about how much per gallon did your household pay for kerosene?**

Enter the amount price
Don't know 96

[If Yes] TOTPAYKER **About how much did you pay for kerosene each time your household bought it (total amount)?**

Enter the total amount
Don't know 96

H-7 [If USEWOOD=Yes] TYPEWOOD **You mentioned that you use wood as a fuel in your household. What kinds of wood do you burn? Do you burn ...**

	<u>Yes</u>	<u>No</u>
Wood logs?	1	0
Wood scraps such as mill waste or bark?	1	0
Wood pellets?	1	0

[If Wood logs=Yes or Wood scraps=Yes] WOODAMT **Please look at Exhibit H-7. In the past 12 months about how much wood has you household burned?**

Less than half a cord 1
More than half but less
than a whole cord 2
At least one full cord 3
More than one full cord 4
Don't know 6

[If 1+ cord] CORDPLUS **About how many cords would estimate you used?**

- 1 1
- 1 ½ 2
- 2 3
- 2 ½ 4
- 3 or more 5

[If 3+ cords] Enter the number

H-8 **KNWL DGE** I have just spent the past few minutes asking you a lot of questions about the energy you use in your home and the equipment that uses that energy. Some people are more sure than others about their knowledge of these things. In the course of answering these questions, how sure would you say you are with your answers. Would you say . . .

- Very sure,** 1
- Somewhat sure, or** 2
- Not too sure?** 3
- Don't know how sure** 6