

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

## **2001 Residential Energy Consumption Survey**

### **Rental Agents, Landlords, and Apartment Managers Questionnaire**

#### **INTRODUCTION TO INTERVIEW**

Hello, I am \_\_\_\_\_ from Roper Starch Worldwide Inc., a social science research firm. We are conducting a study for the U.S. Department of Energy about energy consumption in homes.

Although your participation is voluntary, we hope you will participate in this important study of energy usage. Your identity and all the responses you give me will be kept strictly confidential. The survey will take about 15 minutes.

We estimate the reporting burden for this collection of information to average 15 minutes per response. Any comments you may have regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, should be sent to the Energy Information Administration, Statistics and Methods Group, EI-73, 1000 Independence Avenue, SW, Washington, DC 20585; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

# 2001 Residential Energy Consumption Survey Rental Agents, Landlords, and Apartment Managers Questionnaire

1. HEATFUEL The first questions refer specifically to [Identify the specific housing unit]. As of January 1, 2001, what was the *main* fuel used for home space heating? Was it . . .

Electricity,.....	05
Natural gas from underground pipes,.....	01
Bottled gas, that is, LPG or Propane,.....	02
Fuel oil,.....	03
Residual fuel oil,.....	10
Kerosene or coal oil,.....	04
Coal or coke,.....	06
Wood,.....	07
Solar,.....	08
District heat -- Steam or Hot Water, or.....	09
Some other fuel?.....	21
Don't know.....	96
No space heating fuel used.....	00

1a. [If HEATFUEL=Electricity] EQUIPEL What was the main space heating equipment? Was it . . .

A Heat Pump,.....	04
A Central warm-air furnace with ducts to individual rooms (other than a heat pump),.....	03
Built-in electric units in each room (installed in wall, ceiling, or baseboard),.....	05
Portable Electric Heaters, or.....	10
Some other type of equipment?.....	21
Don't Know.....	96

1b. [If HEATFUEL=Natural gas, Bottled gas, Fuel oil, Residual fuel oil, or Kerosene] EQUIPPET  
What was the main space heating equipment? Was it . . .

A Central warm-air furnace with ducts to individual rooms (other than a heat pump),.....	03
A Steam/Hot water system with radiators or convectors in each room or pipes in the floor,.....	02
A Built-in floor/wall/pipeless furnace or room heaters.....	06
Portable Kerosene Heaters, or.....	11
Some other type of equipment?.....	21
Don't Know.....	96

1c. [If HEATFUEL=Wood or Coal] EQUIPWD What was the main home space heating  
equipment? Was it . . .

A Steam/Hot water system with radiators or convectors in each room or pipes in the floor,.....	02
A Heating stove,.....	08
A Fireplace, or.....	09
Some other type of equipment?.....	21
Don't Know.....	96

2. **PAYHEAT As of January 1, 2001, was the main heating fuel paid for by the tenant or by the landlord?**

- Tenant..... 01
- Landlord..... 02
- Other..... 05

3. **SQFTEST Which of the following categories best describes the total heated floorspace in this housing unit? Your best estimate will do. Is it . . .**

- Fewer than 600 square feet** ..... 01
- 600 to 999 square feet**..... 02
- 1,000 to 1,599 square feet**..... 03
- 1,600 to 1,999 square feet**..... 04
- 2,000 to 2,399 square feet**..... 05
- 2,400 to 2,999 square feet**..... 06
- 3,000 or more square feet**..... 07
- Don't know ..... 96

4. **H2OFUEL As of January 1, 2001, what was the main fuel used for heating water? Was it . . .**

- Electricity**,..... 05
- Natural gas from underground pipes**, ..... 01
- Bottled gas, (LPG or Propane)**, ..... 02
- Fuel oil**, ..... 03
- Residual fuel oil**, ..... 10
- Kerosene or coal oil**, ..... 04
- Coal or coke**, ..... 06
- Wood**,..... 07
- Solar**,..... 08
- District heat -- Steam or Hot Water, or** ..... 09
- Some other fuel?** ..... 21
- Don't know ..... 96
- No water heating fuel used..... 00

5. **PAYH2O As of January 1, 2001, was the water heating fuel paid for by the tenant or by the landlord?**

- Tenant..... 01
- Landlord..... 02
- Other..... 05

6. **COOKFUEL As of January 1, 2001, what was the main fuel used for the cooking stove? Was it . . .**

- Electricity**,..... 05
- Natural gas from underground pipes**, ..... 01
- Bottled gas (LPG or Propane)**, ..... 02
- Fuel oil**, ..... 03
- Residual fuel oil**, ..... 10
- Kerosene or coal oil**, ..... 04
- Coal or coke**, ..... 06
- Wood**,..... 07
- Some other fuel?** ..... 21
- Don't know ..... 96
- No cooking fuel used ..... 00

7. **PAYCOOK Was the main cooking fuel paid for by the tenant or by the landlord?**

Tenant..... 01  
Landlord..... 02  
Other..... 05

8. **CENAC In the summer of 2001, will/is/was this housing unit be air conditioned by a central system?**

Yes..... 1  
No ..... 0

8a. [If CENAC=Yes] **COOLOTH Does the central air-conditioning system that cools this housing unit also cool other housing units, businesses, or buildings as well?**

Yes..... 1  
No ..... 0  
Don't Know ..... 6

8b. [If CENAC=Yes] **ACFUEL Does the central air-conditioning system use electricity, gas from underground pipes, or district chilled water?**

Electricity, ..... 05  
Natural gas from underground pipes, ..... 01  
District chilled water..... 09  
Some other fuel ..... 21  
Don't know ..... 21

8c. [If CENAC=Yes] **PAYAC Is the central air conditioning fuel paid for by the tenant or by the landlord?**

Tenant..... 01  
Landlord..... 02  
Other..... 05

9. **PAYLIGHT As of January 1, 2001, was the electricity for lighting *within* the housing unit paid for by the tenant or by the landlord?**

Tenant..... 01  
Landlord..... 02  
Other..... 05

**The next questions are about the building at [Insert the address of the building] that includes the housing unit I have been asking about.**

10. **BLDSIZE As of April 1, 2001, how many separate housing units were in this building?**

Enter the number .....

11. [If BLDSIZE>4] **FLOORS How many floors, or stories, were in the building?**

Enter the number .....

12. DATEBLT **About when was the building built? Your best estimate is fine.**

BEFORE 1940.....	01	1990.....	08
1940-49.....	02	1991-95.....	09
1950-59.....	03	1996-98.....	10
1960-69.....	04	1999.....	11
1970-79.....	05	2000.....	12
1980.....	06	2001.....	13
1981-89.....	07	Don't know.....	14

13. SWITCH **Could this building modify its present space heating equipment to switch to a different main heating fuel within one week's time without substantially reducing the area heated or the temperature maintained in the heated area?**

Yes..... 1  
No..... 0  
Don't Know..... 6

13a. [If SWITCH=Yes] SWTFUEL **If the building did have to switch the main heating fuel within one week's time, what fuels could be used instead of [insert fuel named in HEATFUEL]?**

Electricity..... 05  
Natural gas from underground pipes..... 01  
Bottled gas, that is, LPG or Propane..... 02  
Fuel oil..... 03  
Residual fuel oil..... 10  
Kerosene or coal oil..... 04  
Coal or coke..... 06  
Wood..... 07  
Solar..... 08  
District heat -- Steam or Hot Water..... 09  
Some other fuel..... 21

14. ELECSUPP **What is the name of the company that delivers electricity to this building?**

NAME \_\_\_\_\_

... and in what city and state are they located?

CITY AND STATE \_\_\_\_\_

15. NGSUPP [If Natural Gas is used] **What is the name of the company that delivers the natural gas to this building?**

NAME \_\_\_\_\_

... and in what city and state are they located?

CITY AND STATE \_\_\_\_\_

16. [If electricity or natural gas used for any purpose] RDEREG **Some households and apartments can choose to buy electricity and natural gas from companies other than their local utility. This is often called deregulation or customer choice. Have you heard about this?**

Yes..... 1  
No ..... 2

16a. [If Yes and USEEL=Yes] RDEREGEL **Are you able to buy your *electricity* from a company other than your local utility?**

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

Yes..... 1  
No ..... 2

16a1. [If Yes] RBYDRGEL **Do you buy your electricity from someone other than your local utility?**

Yes..... 1  
No ..... 2

16b. [If Yes and USENG=Yes] RDEREGNG **Are you able to buy your *natural gas* from a company other than your local utility?**

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

Yes..... 1  
No ..... 2

16b1. [If Yes] RBYDRGNG **Do you buy your natural gas from someone other than your local utility?**

Yes..... 1  
No ..... 2

**THAT IS THE LAST QUESTION I HAVE.**

**THANK YOU VERY MUCH FOR YOUR TIME AND COOPERATION.**

**HAVE A PLEASANT DAY/EVENING**