

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

**1997 Residential Energy Consumption Survey
Household Questionnaire**

Section B: KITCHEN APPLIANCES

B-1 STOVEN Now I have some questions about your use of kitchen appliances. Please look at Exhibit B-1. Do you have a kitchen stove that has both burners and an oven?

Yes 1
No 0

[If Yes] ELSTOVE NGSTOVE LPSTOVE OTHSTOVE **What type of fuel does that stove use? Is it ...**

Electricity, 05
Natural gas from underground pipes, 01
Bottled gas (LPG or Propane), or 02
Some other fuel? 21
Don't know 96

[If No] STOVE **Do you have a separate built-in range top or burners?**

Yes 1
No 0

[If Yes] ELSTOVE NGSTOVE LPSTOVE OTHSTOVE **What type of fuel does that stove use? Is it ...**

Electricity, 05
Natural gas from underground pipes, 01
Bottled gas (LPG or Propane), or 02
Some other fuel? 21
Don't know 96

[If No] OVEN **Do you have a separate built-in oven?**

Yes 1
No 0

[If Yes] ELOVEN NGOVEN LPOVEN OTHOVEN **What type of fuel does that oven use? Is it ...**

Electricity, 05
Natural gas from underground pipes, 01
Bottled gas (LPG or Propane), or 02
Some other fuel? 21
Don't know 96

B-2 [If STOVEN=Yes or OVEN=Yes] OVENUSE **Please look at Exhibit B-2. Which of the categories shown best describes, on average, how often you use your oven?**

- More than once a day 1
- Once a day 2
- Between once a day and once a week 3
- Once a week 4
- Less than once a week 5

B-3 [If STOVEN=Yes or OVEN=Yes] OVENCLN **Does your oven have a self-cleaning feature?**

- Yes 1
- No 0
- Don't know 6

[If OVENCLN = Yes] TYPECLN **Is your self-cleaning oven one that cleans continuously or do you have to manually start the cleaning cycle.**

- Continuous cleaning 1
- Manually start the cleaning cycle 2
- Don't know 6

B-4 MICRO **Do you use a microwave oven to do any cooking?**

- Yes 1
- No 0

[If Yes] AMTMICRO **Please look at Exhibit B-4. Which answer best describes how much of your food is cooked in the microwave?**

- Most or all 1
- About half 2
- Some or very little 3
- Used only for snacks,
defrosting, or reheating food 4

B-5 NUMMEAL **Please look at Exhibit B-5. Which of the categories shown best describes, on average, how often hot meals are usually cooked in your home?**

- Three or more times a day 01
- Two times a day 02
- Once a day 03
- A few times each week 04
- About once a week 05
- Less than once a week 06

B-6 [If more than one fuel is used for cooking] **FUELFOOD** You mentioned that you used (enter the names of the fuels mentioned in B-1 and electricity if B-4=Yes and electricity not mentioned in B-1) to prepare your meals. Which of these fuels is used most for cooking in your home?

- Electricity 05
- Natural gas from underground pipes 01
- Bottled gas (LPG or Propane) 02
- Some other fuel 21
- Don't know 96

B-7 **NUMFRIG** How many refrigerators do you use in your home?

- One 1
- Two 2
- Three or more 3
- None 6 ---> SKIP to B-10

[If there are two or more refrigerators in the home read this introduction:] **FIRST I WOULD LIKE TO ASK SOME QUESTIONS ABOUT THE REFRIGERATOR THAT YOU USE THE MOST.**

B-8a **TYPFRFR1** Please look at Exhibit B-8a. Which of the pictures best describes the type of refrigerator you have?

- Full-size with one door 1
- Full-size with two doors 2
- Half or quarter-size 3
- Some other kind 4
- Don't know 6

[If Two doors] **DOORSFR1** Are those doors side-by-side or top-and-bottom?

- Side-by-side 1
- Top-and-bottom 2
- Other 3

B-8b **SIZFRFR1** [If DOORSFR1 = Top-and-Bottom or Other] Please look at Exhibit B-8b. How would you describe the size of this refrigerator?

- Very small (10 cubic feet or less) 1
- Small (11 to 14 cubic feet) 2
- Medium (15 to 18 cubic feet) 3
- Large (19 to 22 cubic feet) 4
- Very large (more than 22 cubic feet) 5
- Don't know 6

B-8c **REFRIGT1** [If DOORSFR1 = Top-and-Bottom or Other] What type of defrosting does this refrigerator have? Is it . .

- Manual or Frost-free?** (either automatic or semi-automatic) 1
- No working freezer section (if volunteered) 3
- Don't know 6

B-8d *ICE* [If DOORSFR1=Side-by-Side] **Does this refrigerator have through-the-door ice and water service?**

- Yes 1
- No 0

B-8e *AGERFR1* **Please look at the Yellow Card. About how old is this refrigerator?**

- Less than 2 years old 01
- 2 to 4 years old 02
- 5 to 9 years old 03
- 10 to 19 years old 04
- 20 years or older 05
- As old as the home (if volunteered) .. 06
- Don't know 96

[If B-7 is One or None SKIP to B-10, Otherwise read this introduction:] **NOW I WOULD LIKE TO ASK YOU THE SAME QUESTIONS ABOUT YOUR** (if B-7 = "Two" insert **OTHER**; if B-7 = "Three or more" insert **SECOND MOST USED**) **REFRIGERATOR**

B-9a *TYPFR2* **Please look at Exhibit B-8a. Which of the pictures best describes the type of refrigerator you have?**

- Full-size with one door, 1
- Full-size with two doors 2
- Half or quarter-size 3
- Some other kind 4
- Don't know 6

[If Two doors] *DOORSFR2* **Are those doors side-by-side or top-and-bottom?**

- Side-by-side 1
- Top-and-bottom 2
- Other 3

B9b *SIZFR2* [If DOORSFR1 = Top-and-Bottom or Other] **Please look at Exhibit B-8b. How would you describe the size of this refrigerator?**

- Very small (10 cubic feet or less) 1
- Small (11 to 14 cubic feet) 2
- Medium (15 to 18 cubic feet) 3
- Large (19 to 22 cubic feet) 4
- Very large (more than 22 cubic feet) 5
- Don't know 6

B-9c *REFRIGT2* [If DOORSFR1 = Top-and-Bottom or Other] **What type of defrosting does this refrigerator have? Is it ..**

- Manual or Frost-free?** (either automatic or semi-automatic) 1
- Frost-free?** (either automatic or semi-automatic) 2
- No working freezer section (if volunteered) 3
- Don't know 6

B-9d *MONRFRI2* **During the past 12 months, how many months was this refrigerator turned on?**

Enter the number

B-9e *AGERFRI2* **Please look at the Yellow Card. About how old is this refrigerator?**

- Less than 2 years old 01
- 2 to 4 years old 02
- 5 to 9 years old 03
- 10 to 19 years old 04
- 20 years or older 05
- As old as the home (if volunteered) .. 06
- Don't know 96

B-10 *SEPFREEZ* **Does your household use a separate freezer that is not part of a refrigerator?**

- Yes 1
- No 0

[If Yes] *NUMFREEZ* **How many separate freezers are used in your home?**

- One 1
- Two 2
- Three or more 3

[If more than one freezer read this introduction:] **NOW I WOULD LIKE TO ASK SOME QUESTIONS ABOUT THE SEPARATE FREEZER THAT YOU USE THE MOST**

B-10a *UPRTRFRZR* **What model freezer is this? Is it**

- An upright or** (vertical cabinet with a door on the front) 1
- A chest-type?** (horizontal cabinet with the door on the top) . . . 2

B-10b *SIZFREEZ* **Please look at Exhibit B-8b. How would you describe the size of this freezer?**

- Very small, (10 cubic feet or less) 1
- Small, (11 to 14 cubic feet) 2
- Medium (15 to 18 cubic feet) 3
- Large (19 to 22 cubic feet) 4
- Very large (more than 22 cubic feet) 5
- Don't know 6

B-10c *FREEZER* **What type of defrosting does this freezer have? Is it . .**

- Manual or** 1
- Frost-free?** (either automatic or semi-automatic) 2

B-10d AGEFRZR Please look at the Yellow Card. About how old is this freezer?

- Less than 2 years old 01
- 2 to 4 years old 02
- 5 to 9 years old 03
- 10 to 19 years old 04
- 20 years or older 05
- As old as the home (if volunteered) . . 06
- Don't know 96

B-11 DISHWASH Does your household use an automatic dishwasher?

- Yes 1
- No 0

[If Yes] DWASHUSE Please look at Exhibit B-11. Which category best describes how often your household actually uses the automatic dishwasher in an average week?

- Less than 4 times a week 1
- 4 to 6 times a week 2
- At least once each day 3