

## Section G. APPLIANCES

### COOKING

**G-1.** Turn to the "Blue Card". What fuel is used most for cooking in your home/apartment?

- |  |        |        |
|--|--------|--------|
| ELECTRICITY .....                              | 05     |        |
| NATURAL GAS (GAS FROM UNDERGROUND PIPES) ..... | 01     |        |
| BOTTLED GAS (LPG OR PROPANE) .....             | 02     |        |
| FUEL OIL .....                                 | 03     |        |
| KEROSENE OR COAL OIL .....                     | 04     |        |
| COAL OR COKE .....                             | 06     | 331-32 |
| WOOD .....                                     | 07     |        |
| SOLAR .....                                    | 08     |        |
| OTHER (SPECIFY): _____ .....                   | 21     |        |
| DON'T KNOW .....                               | 96     |        |
| NO COOKING DONE .....                          | 00 --> | [G-6]  |

**INTERVIEWER:** CHECK FOLDOUT PAGE. CIRCLE \*1\* FOR \*FUEL USED\* IF FUEL NOT ALREADY CIRCLED.

**ALSO,** IF ELECTRICITY OR NATURAL GAS, \*FOR COOKING\* CIRCLE \*1\* FOR \*YES\* UNDER THE \*USAGE\* COLUMN.

**G-2.** Please turn to Exhibit G-2. Which of these categories best describes, on average, how often hot meals are usually cooked in your home?

- |                                |   |     |
|--------------------------------|---|-----|
| a. 2 OR MORE TIMES A DAY ..... | 1 |     |
| b. ONCE A DAY .....            | 2 |     |
| c. A FEW TIMES PER WEEK .....  | 3 |     |
| d. ABOUT ONCE A WEEK .....     | 4 | 333 |
| e. LESS THAN ONCE A WEEK ..... | 5 |     |
| f. DON'T KNOW .....            | 6 |     |

G-3. Please turn to Exhibit G-3. Which of the following equipment is used for cooking in your home/apartment?

G-3. COOKING EQUIPMENT USED	YES	NO	G-4. TYPE OF FUEL USED	
a. Stovetop or Burners (DO NOT INCLUDE GAS GRILLS) . . . . .	1	0	Electricity . . . . .	5
			Natural Gas . . . . .	1
334			Bottled Gas (LPG or Propane) . .	2
			Other . . . . .	8
b. Oven (NOT MICROWAVE OR TOASTER OVEN) . . . . .	1	0	Electricity . . . . .	5
			Natural Gas . . . . .	1
338			Bottled Gas (LPG or Propane) . .	2
			Other . . . . .	8
c. Toaster Oven . . . . .	1	0		
344				
d. Outdoor Gas Grill . . . . .	1	0	Natural Gas . . . . .	1
			Bottled Gas (LPG or Propane) . .	2
345				
e. Microwave Oven . . . . .	1	0		
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INTERVIEWER: FOR STANDARD COMBINATION UNITS, OVEN AND STOVETOP, RECORD BOTH AS 'YES'.

FOR EACH 'YES' ON G-3, ASK:

G-4. Which fuel is used for (COOKING EQUIPMENT)? \_\_\_\_\_

INTERVIEWER: CHECK FOLDOUT PAGE. CIRCLE '1' FOR 'FUEL USED' IF FUELS NOT ALREADY CIRCLED.

DO NOT MARK BOTTLED GAS (LPG OR PROPANE) IF ONLY USE OF BOTTLED GAS (LPG OR PROPANE) IS FOR AN OUTDOOR GRILL.

ALSO, IF ELECTRICITY OR NATURAL GAS 'FOR COOKING' CIRCLE '1' FOR 'YES' UNDER THE 'USAGE' COLUMN.

IF MICROWAVE USED, ASK:

G-5. Please turn to Exhibit G-5. How much of your food is cooked in the microwave?

- a. MOST OR ALL . . . . . 1
- b. ABOUT HALF . . . . . 2
- c. SOME OR VERY LITTLE . . . . . 3
- d. USED ONLY FOR SNACKS, DEFROSTING OR REHEATING FOOD . . . . . 4
- e. DON'T KNOW . . . . . 6

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**REFRIGERATORS AND FREEZERS**

G-6. How many refrigerators in your home are used either regularly or occasionally?

- ONE ..... 1
- TWO ..... 2
- THREE OR MORE ..... 3
- NONE ..... 0

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**INTERVIEWER: CIRCLE COLUMNS A AND B ON PAGE 31 IF TWO OR MORE REFRIGERATORS. CIRCLE ONLY COLUMN A ON GRID IF ONE REFRIGERATOR.**

G-7. Does your household use a separate freezer that is not part of the refrigerator?

- YES ..... 1
- NO ..... 0 -> [BOX 3]

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**INTERVIEWER: CIRCLE COLUMN C ON GRID IF "YES"**

IF "YES" ON G-7, ASK:

G-8. How many freezers in your home are used either regularly or occasionally?

- ONE ..... 1 -> [BOX 3]
- TWO ..... 2 -> [BOX 3]
- THREE OR MORE ..... 3 -> [BOX 3]

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**BOX 3**

**IF ONLY ONE REFRIGERATOR, ASK COLUMN A**

**IF MORE THAN ONE REFRIGERATOR, ASK COLUMNS A AND B**  
**READ FOR COLUMN "A": "Let's start with the refrigerator used most often."**

**READ FOR COLUMN "B": "Next I'd like to ask the same questions for the second most used refrigerator."**

**IF MORE THAN ONE FREEZER, ASK ABOUT THE LARGEST ONE.**

**IF NO REFRIGERATOR OR FREEZER, SKIP TO G-22.**

ASK ALL FOR COLUMN 'A' BEFORE GOING ON TO COLUMN 'B' OR 'C'

COLUMN:            A            B            C

	(Most Used) Refrigerator	Second Most Used Refrigerator	(Largest) Freezer
G-9. Please look at the top of Exhibit G-9. How old is your household's (COLUMN A, B or C)?	353	358	363
a. LESS THAN 2 YEARS OLD . . . . . a.	1	1	1
b. 2-4 YEARS OLD . . . . . b.	2	2	2
c. 5-9 YEARS OLD . . . . . c.	3	3	3
d. 10-19 YEARS OLD . . . . . d.	4	4	4
e. 20 YEARS OLD OR MORE . . . . . e.	5	5	5
f. DON'T KNOW . . . . . f.	6	6	6
G-10. Please look at the bottom of Exhibit G-9. What is the size of your household's (COLUMN A, B, or C)?	354	359	364
a. VERY SMALL (10 CUBIC FEET OR LESS) . . . . . a.	1	1	1
b. SMALL (11-14 CUBIC FEET) . . . . . b.	2	2	2
c. MEDIUM (15-18 CUBIC FEET) . . . . . c.	3	3	3
d. LARGE (19-22 CUBIC FEET) . . . . . d.	4	4	4
e. VERY LARGE (23+ CUBIC FEET) . . . . . e.	5	5	5
f. DON'T KNOW . . . . . f.	6	6	6
G-11. Please turn to Exhibit G-11. What type is your household's (COLUMN A or B)?	355	360	
a. HALF-SIZE OR QUARTER . . . . . a.	1	1	
b. REGULAR WITH SINGLE DOOR . . . . . b.	2	2	
c. TWO DOORS - TOP AND BOTTOM . . . . . c.	3	3	
d. TWO DOORS - SIDE BY SIDE . . . . . d.	4	4	
e. OTHER (SPECIFY: ) . . . . . e.	5	5	
f. DON'T KNOW . . . . . f.	6	6	
G-12. What type of defrosting does your household's (COLUMN A, B, or C) have, manual or frost-free?	356	361	365
a. MANUAL DEFROST . . . . . a.	1	1	1
b. FROST-FREE (AUTOMATIC OR SEMI-AUTOMATIC DEFROST) . . . . . b.	2	2	2
c. NO WORKING FREEZER SECTION (VOLUNTEERED)c.	3	3	
d. DON'T KNOW . . . . . d.	6	6	6

↓                    ↓                    ↓  
CONTINUE ON NEXT PAGE

	COLUMN: A	B	C
	(Most Used) Refrigerator	Second Most Used Refrigerator	(Largest) Freezer
<b>G-13. Does your household's most-used refrigerator have a through-the-door ice service? (COLUMN A only)</b>	367		
YES .....	1		
NO .....	0		
<b>G-14. How many months in 1993 was the second most used refrigerator turned on? (COLUMN B only)</b>		368	
a. 1-3 Months .....		1	
b. 4-6 Months .....		2	
c. 7-9 Months .....		3	
d. 10-12 Months .....		4	
<b>G-15. Is the freezer an upright or chest model? (COLUMN C only).</b>			369
a. AN UPRIGHT (VERTICAL CABINET WITH DOOR ON FRONT) .....			1
b. A CHEST-TYPE (HORIZONTAL CABINET WITH DOOR ON TOP) .....			2

**G-16. Since January 1, 1990, has your household purchased a new refrigerator to replace an older one, or as part of the purchase of a new home?**

YES, PURCHASED REPLACEMENT ..... 1 --> [G-18]      370  
 YES, CAME WITH HOME PURCHASE ..... 2                      371  
 NO ..... 0 --> [G-22]                      372

IF "YES, CAME WITH HOME PURCHASE" IN G-16, ASK:

**G-17. Did your household select the model or did the model come standard with the newly purchased home?**

HOUSEHOLD SELECTED ..... 1 --> [G-18]      373  
 STANDARD WITH NEW HOME ..... 0 --> [G-22]

IF "YES, PURCHASED REPLACEMENT" ON G-16, ASK:

G-18. Was the new refrigerator a replacement for your household's most-used refrigerator?

YES ..... 1  
 NO ..... 0 --> [G-21] 374  
 DON'T KNOW ..... 6

G-19. What did your household do with the old refrigerator?

USE AS SECOND REFRIGERATOR ..... 1  
 SOLD, GAVE AWAY, OR DONATED TO CHARITY  
 FOR FURTHER USE ..... 2 375  
 DISCARDED WITHOUT FURTHER USE ..... 3  
 OTHER (SPECIFY): \_\_\_\_\_ ... 5  
 DON'T KNOW ..... 6

G-20. How well was the old refrigerator working when your household bought the new one?  
 Very well, well, not well, or not working at all.

VERY WELL ..... 1  
 WELL ..... 2  
 NOT WELL ..... 3 376  
 NOT WORKING AT ALL ..... 4  
 DON'T KNOW ..... 6

G-21. Think back to why your household decided to purchase your new refrigerator.  
 Please tell me, for each of the following reasons, whether it was very important,  
 somewhat important, or not important to your decision.

		VERY IMPORTANT	SOMEWHAT IMPORTANT	NOT IMPORTANT	DON'T KNOW	
a. Purchase Price	a.	1	2	3	6	377
b. Size	b.	1	2	3	6	378
c. Energy Efficiency	c.	1	2	3	6	379
d. Availability	d.	1	2	3	6	380

**WASHER AND DRYER**

G-22. Does your household use a clothes washer in your home/apartment?

YES .....	1	381
NO .....	0 --> [G-24]	

**INTERVIEWER: DO NOT INCLUDE COMMUNITY WASHERS AND DRYERS THAT ARE LOCATED IN THE BASEMENT OR LAUNDRY ROOM OF APARTMENT BUILDING.**

IF "YES" ON G-22, ASK:

G-23. Please look at Exhibit G-23. How many loads of laundry are washed in your household's clothes washer in an average week?

1 TO 5 LOADS .....	1	
6 TO 10 LOADS .....	2	
11 TO 15 LOADS .....	3	382
16 OR MORE LOADS .....	4	
DON'T KNOW .....	6	

G-24. Does your household use an electric or gas clothes dryer in your home/apartment?

a. ELECTRIC CLOTHES DRYER .....	1	383
b. NATURAL GAS CLOTHES DRYER .....	2	384
c. BOTTLED GAS CLOTHES DRYER .....	3	385
d. NONE USED .....	0	386

**INTERVIEWER: CHECK FOLDOUT PAGE. CIRCLE "1" FOR APPROPRIATE "FUEL USED" IF NOT ALREADY CIRCLED.**

**ALSO, IF NATURAL GAS DRYER, "FOR OTHER APPLIANCES" CIRCLE "1" FOR "YES" UNDER "USAGE" COLUMN.**

**DISHWASHER**

G-25. Does your household use an automatic dishwasher?

YES ..... 1 387  
 NO ..... 0 --> [G-27]

IF "YES" ON G-25, ASK:

G-26. Please turn to Exhibit G-26. How often does your household use the dishwasher in an average week?

A FEW TIMES A WEEK (1 - 3) ..... 1  
 SEVERAL TIMES A WEEK (4 - 6) ..... 2  
 EVERY DAY OF THE WEEK (7) ..... 3 388  
 MORE THAN EVERY DAY (8+) ..... 4  
 DON'T KNOW ..... 6

**TV**

G-27. How many color television sets does your household use?

COLOR TV SETS ..... NUMBER:  389

G-28. How many black and white television sets does your household use?

BLACK AND WHITE TV SETS ..... NUMBER:  390

**WATERBEDS**

G-29. Does your household use any waterbed heaters?

YES ..... 1 391  
 NO ..... 0 --> [G-32]



IF "YES" ON G-29, ASK:

G-30. How many waterbed heaters does your household use?

ONE .....	1	
TWO .....	2	392
THREE OR MORE .....	3	

G-31. How many of these waterbed heaters are used all year long?

NONE .....	0	
ONE .....	1	393
TWO .....	2	
THREE OR MORE .....	3	

**OTHER APPLIANCES**

G-32. Please turn to Exhibit G-32. Please tell me which of the appliances on the Exhibit are used in your home/apartment? (CIRCLE ALL THAT APPLY.)

	<u>YES</u>	<u>NO</u>	
a. HEATED AQUARIUM (20 GALLONS OR LARGER) .....	1	0	394
b. ELECTRIC DEHUMIDIFIER .....	1	0	395
c. ELECTRIC HUMIDIFIER .....	1	0	396
d. ELECTRIC PUMP FOR WELL WATER .....	1	0	397
e. EXHAUST FAN (INCLUDE BATHROOM, KITCHEN OR BASEMENT EXHAUST FANS) .....	1	0	398
f. AIR CLEANER (PORTABLE FLOOR OR FURNACE MODEL) .....	1	0	399
g. EVAPORATIVE COOLER (SWAMP COOLER) .....	1	0	400
h. PERSONAL COMPUTER .....	1	0	401
i. LASER PRINTER FOR COMPUTER (NOT DOT MATRIX) .	1	0	402
j. FACSIMILE MACHINE (FAX) .....	1	0	403
k. PHOTOCOPIER (SEPARATE FROM FACSIMILE MACHINE) .....	1	0	404

**POOLS AND HOT TUBS**

INTERVIEWER: CHECK A-1 "HOUSING STRUCTURE" ON FOLDOUT PAGE. IF SINGLE FAMILY OR MOBILE HOME, ASK THE FOLLOWING QUESTIONS; OTHERWISE, SKIP TO H-1 ON PAGE 38.

G-33. Does your home have its own swimming pool with a filtering system?

YES ..... 1 405  
 NO ..... 0 --> [G-36]

IF "YES" ON G-33, ASK:

G-34. Is it a heated pool?

YES, HEATED ..... 1 406  
 NO ..... 0 --> [G-36]

IF "YES" ON G-34, ASK:

G-35. Please turn to the "Blue Card" and tell me what fuel is used most often to heat the pool water? (IF MORE THAN ONE FUEL USED, CHECK FUEL USED MOST OFTEN.)

ELECTRICITY ..... 05  
 NATURAL GAS (UNDERGROUND PIPES) ..... 01  
 BOTTLED GAS (LPG OR PROPANE GAS) ..... 02  
 FUEL OIL ..... 03  
 KEROSENE OR COAL OIL ..... 04 407-08  
 COAL OR COKE ..... 06  
 WOOD ..... 07  
 SOLAR ..... 08  
 OTHER (SPECIFY): \_\_\_\_\_ 21  
 DON'T KNOW ..... 96

INTERVIEWER: CHECK FOLDOUT PAGE. CIRCLE "1" FOR "FUEL USED" IF NOT ALREADY CIRCLED.

ALSO, IF NATURAL GAS, "FOR OTHER APPLIANCES" CIRCLE "1" FOR "YES" UNDER "USAGE" COLUMN.

G-36. Does your home have a heated hot tub, spa, or jacuzzi, other than a bathtub?

YES ..... 1  
NO ..... 0 --> [H-1]

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**INTERVIEWER: IF AFTER EACH USE, THE WATER DRAINS OUT, CIRCLE 'NO' FOR G-36 AND SKIP TO H-1.**

IF 'YES' ON G-36, ASK:

G-37. Please turn to the "Blue Card". Which fuel is used to heat the water in your hot tub, spa, or jacuzzi? (IF MORE THAN ONE FUEL USED, CIRCLE FUEL USED MOST OFTEN)

ELECTRICITY ..... 05  
NATURAL GAS (GAS FROM UNDERGROUND PIPES) .. 01  
BOTTLED GAS (LPG OR PROPANE GAS) ..... 02  
FUEL OIL ..... 03  
KEROSENE OR COAL OIL ..... 04  
COAL OR COKE ..... 06  
WOOD ..... 07  
SOLAR ..... 08  
OTHER (SPECIFY): \_\_\_\_\_ .. 21  
DON'T KNOW ..... 96

410-11

**INTERVIEWER: CHECK FOLDOUT PAGE. CIRCLE '1' FOR 'FUEL USED' IF NOT ALREADY CIRCLED.**

**ALSO, IF NATURAL GAS, 'FOR OTHER APPLIANCES' CIRCLE '1' FOR 'YES' UNDER 'USAGE' COLUMN.**