

RECS Web/Mail Pilot Questionnaire Spec

STRUCTURAL CHARACTERISTICS

Please answer the following questions about the home at <sample address>.

TYPEHUQ	
ASK	All respondents
<p>Which best describes your home?</p> <ul style="list-style-type: none"> 1 Mobile home 2 Single-family house detached from any other house 3 Single-family house attached to one or more other houses (for example: duplex, row house, or townhome) 4 Apartment in a building with 2 to 4 units 5 Apartment in a building with 5 or more units 	
NEXT	If TYPEHUQ in(1,2,3): PRIMRES If TYPEHUQ in(4,5): BASEAPT

BASEAPT	
ASK	If TYPEHUQ in(4,5)
<p>Is your apartment located in the basement of your building?</p> <ul style="list-style-type: none"> 1 Yes 0 No 	
NEXT	PRIMRES

PRIMRES	
ASK	All respondents
<p>Is the home at <sample address> your primary residence? (Your primary residence is the place where you live most of the year.)</p> <ul style="list-style-type: none"> 2 Yes 1 No 	
NEXT	OWNRENT

OWNRENT	
ASK	All respondents
<p>Is your home -</p> <ol style="list-style-type: none"> 1 Owned by you or someone in your household? 2 Rented? 3 Occupied without payment of rent? 	
NEXT	YEARMADERANGE

YEARMADERANGE	
ASK	All respondents
<p>In what year was your home built?</p> <ol style="list-style-type: none"> 0 Before 1950 1 1950 to 1959 2 1960 to 1969 3 1970 to 1979 4 1980 to 1989 5 1990 to 1999 6 2000 to 2009 7 2010 to 2015 <p>Don't Know</p>	
NEXT	OCCUPYYRANGE

OCCUPYYRANGE	
ASK	All respondents
<p>In what year did your household move in?</p> <ol style="list-style-type: none"> 1 Before 1950 2 1950 to 1959 3 1960 to 1969 4 1970 to 1979 5 1980 to 1989 6 1990 to 1999 7 2000 to 2009 8 2010 to 2015 	
NEXT	VACANT

VACANT	
ASK	All respondents
<p>During the past year, was your home vacant for one or more months?</p> <p>1 Yes 0 No</p> <p>Don't Know</p>	
NEXT	If TYPEHUQ in(1,4,5): SQFTEST If TYPEHUQ in(2,3): CELLAR

CELLAR	
ASK	If TYPEHUQ in(2,3)
<p>Does your home have a basement?</p> <p>1 Yes 0 No</p>	
NEXT	If CELLAR=1: BASEFIN If CELLAR=0: ATTIC

BASEFIN	
ASK	If CELLAR=1
<p>Is any part of your basement finished? For this survey, a "finished" basement has finishing materials on the floor, ceiling, and walls.</p> <p>1 Yes 0 No</p>	
NEXT	ATTIC

ATTIC	
ASK	If TYPEHUQ in(2,3)
<p>Does your home have an attic?</p>	

1 Yes 0 No
NEXT If ATTIC=1: ATTICFIN If ATTIC=0: STORIES

ATTICFIN	
ASK	If ATTIC=1
Is any part of your attic finished? That is, does it have finishing materials on the floor, ceiling, and walls?	
1 Yes 0 No	
NEXT	STORIES

STORIES	
ASK	If TYPEHUQ in(2,3)
Not including basements or attics, how many stories does your home have?	
1 One story 2 Two stories 3 Three stories 4 Four or more stories 5 Split-level	
NEXT	PRKGPLC1

PRKGPLC1	
ASK	If TYPEHUQ in(2,3)
Does your home have an attached garage?	
1 Yes 0 No	

NEXT	If PRKGPLC1=1: SIZEOFGARAGE If PRKGPLC1=0: SQFTEST
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SIZEOFGARAGE	
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ASK	If TYPEHUQ in(2,3)
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What is the size of your attached garage?

- 1 One-car garage
- 2 Two-car garage
- 3 Three-or-more-car garage

NEXT	SQFTEST
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SQFTEST	
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ASK	All respondents
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About how many square feet is your home? Your best estimate will do.

_____ square feet

Don't Know – consider having an experiment where half of the respondents receive this option, half do not

NEXT	If TYPEHUQ in(2,3): SQFTINCB, SQFTINCA, SQFTINCG, SQFTINCN, SQFTNONE If TYPEHUQ in(1,4,5): BEDROOMS, NCOMBATH, NHAFBATH, OTHROOMS
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SQFTINCB, SQFTINCA, SQFTINCG, SQFTINCN, SQFTNONE	
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ASK	If TYPEHUQ in(2,3)
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Which of the following areas are included in your estimate of <square footage>? Please select all that apply.

- Basement (SQFTINCB)
- Attic (SQFTINCA)
- Attached garage (SQFTINCG)
- I have at least one of these spaces but none are included in my estimate (SQFTINCN)
- My home does not have any of these spaces (SQFTNONE)

NEXT	BEDROOMS, NCOMBATH, NHAFBATH, OTHROOMS
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BEDROOMS, NCOMBATH, NHAFBATH, OTHROOMS	
ASK	All respondents
<p>How many of the following types of rooms are in your home? <i>If BASEFIN=1 or ATTICFIN=1: Include rooms in finished basements and finished attics.</i></p> <p> <input type="checkbox"/> Bedrooms (BEDROOMS) <input type="checkbox"/> Full bathrooms (A full bathroom includes a sink with running water, a toilet, and a bath or shower.) (NCOMBATH) <input type="checkbox"/> Half bathrooms (A half bathroom includes a sink with running water and either a toilet, a bath, or a shower.) (NHAFBATH) <input type="checkbox"/> Other rooms (Include living or family rooms, kitchens, home offices, etc. Do not include hallways, closets, or rooms you already counted above.) (OTHROOMS) </p>	
NEXT	WALLTYPE

WALLTYPE	
ASK	All respondents
<p>What type of material is the outside of your home made of? If more than one material is used, please select the one used the most.</p> <p> 1 Brick 2 Wood 3 Siding (aluminum, vinyl, or steel) 4 Stucco 5 Shingle (composition) 6 Stone 7 Concrete or concrete block 9 Other/specify Don't Know </p>	
NEXT	ROOFTYPE

ROOFTYPE	
ASK	All respondents
<p>What type of material is your home's roof made of? If more than one material is used, please select the one used the most.</p> <ul style="list-style-type: none"> 1 Ceramic or clay tiles 2 Wood shingles/shakes 3 Metal 4 Slate or synthetic slate 5 Composition shingles 6 Asphalt 7 Concrete tiles 9 Other/specify <p>Don't Know</p>	
NEXT	CEILHEIGHT

CEILHEIGHT	
ASK	All respondents
<p>On average, how high are the ceilings in your home? Your best estimate will do.</p> <p>_____ feet</p> <p>Don't Know</p>	
NEXT	DOOR1SUM

DOOR1SUM	
ASK	All respondents
<p>How many sliding glass doors does your home have? Count each pair of sliding glass doors as one door.</p> <p>_____ sliding glass doors</p> <p>Don't Know</p>	
NEXT	WINDOWS

WINDOWS	
ASK	All respondents
<p>Approximately how many windows does your home have? .”</p> <ul style="list-style-type: none"> 10 1 or 2 windows 20 3 to 5 windows 30 6 to 9 windows 41 10 to 15 windows 42 16 to 19 windows 50 20 to 29 windows 60 30 or more windows <p>Don't Know</p>	
NEXT	TYPEGLASS

TYPEGLASS	
ASK	All respondents
<p>Not counting storm windows, which best describes the glass in most of the windows in your home?</p> <ul style="list-style-type: none"> 1 Single-pane glass 2 Double-pane glass 3 Triple-pane glass <p>Don't Know</p>	
NEXT	WINFRAME

WINFRAME	
ASK	All respondents
<p>What frame material is used for most of the windows in your home?</p> <ul style="list-style-type: none"> 1 Wood 2 Metal (aluminum) 3 Vinyl 4 Composite 5 Fiberglass 9 Other/specify <p>Don't Know</p>	

NEXT	ADQINSUL
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ADQINSUL	
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ASK	All respondents
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Which of these best describes the insulation level of your home?

- 1 Well insulated
- 2 Adequately insulated
- 3 Poorly insulated
- 4 Not insulated

NEXT	DRAFTY
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DRAFTY	
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ASK	All respondents
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How often do you or other members of your household find your home too drafty?

- 1 All the time
- 2 Most of the time
- 3 Some of the time
- 4 Never

NEXT	UGASHERE
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UGASHERE	
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ASK	All respondents
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Is natural gas from underground pipes available in your neighborhood?

- 1 Yes
- 0 No

Don't Know

NEXT	NUMFRIG
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APPLIANCES

NUMFRIG	
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ASK	All respondents
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How many refrigerators are plugged-in and turned on in your home? Include refrigerators even if they are only used occasionally.

_____ refrigerators	
NEXT	If NUMFRIG>0: SIZEFR1 Else: NUMFREEZ

SIZEFR1	
ASK	If NUMFRIG>0
<p>What is the size of your most used refrigerator?</p> <ol style="list-style-type: none"> 1 Half-size or compact 2 Small (17.5 cubic feet or less) 3 Medium (17.6 to 22.5 cubic feet) 4 Large (22.6 to 29.5 cubic feet) 5 Very Large (bigger than 29.5 cubic ft.) 	
NEXT	If SIZEFR1=1: AGEFR1 Else: TYPFR1
PAPER	

TYPFR1	
ASK	If SIZEFR1>1
<p>Which of the following best describes your most used refrigerator?</p> <ol style="list-style-type: none"> 1 One door 21 Two doors, freezer <i>next</i> to the refrigerator 22 Two doors, freezer <i>above</i> the refrigerator 23 Two doors, freezer <i>below</i> the refrigerator 5 Three or more doors 	
NEXT	AGERFR1

AGERFR1	
ASK	If NUMFRIG>0
<p>About how old is your most used refrigerator? Your best estimate is fine.</p> <ol style="list-style-type: none"> 1 Less than 2 years old 2 2 to 4 years old 3 5 to 9 years old 	

41	10 to 14 years old
42	15 to 19 years old
5	20 or more years old
Don't know	
NEXT	ICE

ICE	
ASK	If NUMFRIG>0
Does your most used refrigerator have through-the-door ice service?	
1	Yes
0	No
NEXT	If NUMFRIG>1: SIZEFRI2 Else: NUMFREEZ

SIZEFRI2	
ASK	If NUMFRIG>1
What is the size of your second most used refrigerator?	
1	Half-size or compact
2	Small (17.5 cubic feet or less)
3	Medium (17.6 to 22.5 cubic feet)
4	Large (22.6 to 29.5 cubic feet)
5	Very Large (bigger than 29.5 cubic ft.)
NEXT	If SIZEFRI2=1: AGERFRI2 Else: TYPFR2

TYPFR2	
ASK	If SIZEFRI2>1
Which of the following best describes your second most used refrigerator?	
1	One door
21	Two doors, freezer <i>next</i> to the refrigerator
22	Two doors, freezer <i>above</i> the refrigerator
23	Two doors, freezer <i>below</i> the refrigerator
5	Three or more doors
NEXT	AGERFRI2

AGERFRI2	
ASK	If NUMFRIG>1
<p>About how old is your second most used refrigerator? Your best estimate is fine.</p> <p>1 Less than 2 years old 2 2 to 4 years old 3 5 to 9 years old 41 10 to 14 years old 42 15 to 19 years old 5 20 or more years old</p> <p>Don't know</p>	
NEXT	FRIGLOC

FRIGLOC	
ASK	If NUMFRIG>1
<p>Where is your second refrigerator located?</p> <p>Basement Garage Outside Main floor of house Other/Specify_____</p>	
NEXT	NUMFREEZ
PAPER	

NUMFREEZ	
ASK	All respondents
<p>How many stand alone freezers are plugged-in and turned on in your home?</p> <p>_____ freezers</p>	
NEXT	If NUMFREEZ>0: UPRTFRZR Else: NUMMEAL

UPRTRFRZR	
ASK	If NUMFREEZ>0
<p>Which of the following best describes your most used freezer?</p> <ol style="list-style-type: none"> 1 Upright 2 Chest 	
NEXT	SIZFREEZ

SIZFREEZ	
ASK	If NUMFREEZ>0
<p>What is the size of your most used freezer?</p> <ol style="list-style-type: none"> 2 Small (17.5 cubic feet or less) 3 Medium (17.6 to 22.5 cubic feet) 4 Large (22.6 to 29.5 cubic feet) 5 Very Large (bigger than 29.5 cubic ft.) 	
NEXT	AGEFRZR

AGEFRZR	
ASK	If NUMFREEZ>0
<p>About how old is your most used freezer? Your best estimate is fine.</p> <ol style="list-style-type: none"> 1 Less than 2 years old 2 2 to 4 years old 3 5 to 9 years old 41 10 to 14 years old 42 15 to 19 years old 5 20 or more years old <p>Don't know</p>	
NEXT	NUMMEAL

NUMMEAL	
ASK	All respondents
<p>Which of the categories shown best describes how often hot food is usually cooked in your home?</p>	

<ul style="list-style-type: none"> 1 Three or more times a day 2 Two times a day 3 Once a day 4 A few times each week 5 About once a week 6 Less than once a week 0 Never 		
<table border="1" style="width: 100%;"> <tr> <td style="width: 15%;">NEXT</td> <td>STOVEN</td> </tr> </table>	NEXT	STOVEN
NEXT	STOVEN	

STOVEN, STOVE, OVEN, MICRO	
ASK	All respondents
<p>How many of each of the following appliances do you have in your home?</p> <p> <input type="text"/> Stoves/ranges (A stove/range has both a cooktop and an oven.) (STOVEN) <input type="text"/> Separate cooktops (STOVE) <input type="text"/> Separate wall ovens (OVEN) <input type="text"/> Microwave ovens (MICRO) </p>	
NEXT	If STOVEN>0: STOVENFUEL Else if STOVE>0: STOVEFUEL Else if OVEN>0: OVENFUEL Else if MICRO>0: AMTMICRO Else if : TOASTER, TOASTOVN, COFFEE, CROCKPOT, FOODPROC, RICECOOK, MIXER, BREAD, BLENDER Else if : DISHWASH
PAPER	

STOVENFUEL	
ASK	If STOVEN>0
<p>What fuel does your most used stove/range use?</p> <ul style="list-style-type: none"> 5 Electricity 1 Natural gas from underground pipes 2 Propane (bottled gas) 9 Other/specify 	

NEXT	STOVENCTUSE
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STOVENCTUSE	
ASK	If STOVEN>0
<p>In a typical week, how often is the cooktop part of your most used stove/range used? If not used, enter "0."</p> <p>_____ times per week</p>	
NEXT	STOVENOVUSE

STOVENOVUSE	
ASK	If STOVEN>0
<p>In a typical week, how often is the oven part of your most used stove/range used? If not used, enter "0."</p> <p>_____ times per week</p>	
NEXT	If STOVE>0: STOVEFUEL Else if OVEN>0: OVENFUEL Else if MICRO>0: AMTMICRO Else: TOASTER, TOASTOVN, COFFEE, CROCKPOT, FOODPROC, RICECOOK, MIXER, BREAD, BLENDER

STOVEFUEL	
ASK	If STOVE>0
<p>What fuel does your most used cooktop use?</p> <ul style="list-style-type: none"> 5 Electricity 1 Natural gas from underground pipes 2 Propane (bottled gas) 9 Other/specify 	
NEXT	STOVEUSE

STOVEUSE	
ASK	If STOVE>0
<p>In a typical week, how often is your most used cooktop used? If not used, enter "0."</p>	

_____ times per week	
NEXT	If OVEN>0: OVENFUEL Else if MICRO>0: AMTMICRO Else: TOASTER, TOASTOVN, COFFEE, CROCKPOT, FOODPROC, RICECOOK, MIXER, BREAD, BLENDER

OVENFUEL	
ASK	If OVEN>0
<p>What fuel does your most used separate wall oven use?</p> <ul style="list-style-type: none"> 5 Electricity 1 Natural gas from underground pipes 2 Propane (bottled gas) 9 Other/specify 	
NEXT	OVENUSE
PAPER	

OVENUSE	
ASK	If OVEN>0
<p>In a typical week, how often is your most used oven used? If not used, enter "0."</p> <p>_____ times per week</p>	
NEXT	If MICRO>0: AMTMICRO Else: TOASTER, TOASTOVN, COFFEE, CROCKPOT, FOODPROC, RICECOOK, MIXER, BREAD, BLENDER

AMTMICRO	
ASK	If MICRO>0

In a typical week, how often is your most used microwave used? If not used, enter "0."	
_____ times per week	
NEXT	TOASTER, TOASTOVN, COFFEE, CROCKPOT, FOODPROC, RICECOOK, MIXER, BREAD, BLENDER

TOASTER, TOASTOVN, COFFEE, CROCKPOT, FOODPROC, RICECOOK, MIXER, BREAD, BLENDER	
ASK	All respondents
Which of the following small kitchen appliances are used at least once a week in your home? Please select all that apply.	
<ul style="list-style-type: none"> Toaster (TOASTER) Toaster Oven (TOASTOVN) Coffee Maker (COFFEE) Crock Pot or Slow Cooker (CROCKPOT) Food Processor (FOODPROC) Rice Cooker (RICECOOK) Stand Mixer (MIXER) Bread Maker (BREAD) Blender or Juicer (BLENDER) Waffle maker (WAFFLE) No small kitchen appliances 	
NEXT	DISHWASH

DISHWASH	
ASK	All respondents
Does your household have an automatic dishwasher?	
<ul style="list-style-type: none"> 1 Yes 0 No 	
NEXT	If DISHWASH=1: DWASHUSE Else: CWASHER

DWASHUSE	
ASK	If DISHWASH=1
In a typical week, how often is your dishwasher used? If not used, enter "0."	
_____ times per week	

NEXT	AGEDW
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AGEDW	
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ASK	If DISHWASH=1
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About how old is your dishwasher? Your best estimate is fine.

- 1 Less than 2 years old
- 2 2 to 4 years old
- 3 5 to 9 years old
- 41 10 to 14 years old
- 42 15 to 19 years old
- 5 20 or more years old

Don't know

NEXT	DWCYCLE
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DWCYCLE	
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ASK	If DISHWASH=1
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Which cycle do you use most of the time when running your dishwasher?

- 0 Normal or default cycle **without** heated dry
- 1 Normal or default cycle **with** heated dry
- 2 Heavy or pots and pans cycle
- 3 Light or delicate cycle
- 4 Energy saver
- 5 Dishwasher not used

Don't know

NEXT	CWASHER
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CWASHER	
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ASK	All respondents
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Does your household have a clothes washer? Do not include community clothes washers that are located in the basement or laundry room of your apartment building.

- 0 Yes
- 0 No

NEXT	If CWASHER=1: TOPFRONT Else: DRYER
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TOPFRONT	
ASK	If CWASHER=1
<p>Is your washing machine one that you load from the top or one that you load from the front?</p> <ol style="list-style-type: none"> 1 Top loading 2 Front loading 	
NEXT	WASHLOAD

WASHLOAD	
ASK	If CWASHER=1
<p>In a typical week, how often is your clothes washer used? If not used, enter "0."</p> <p>_____ times per week</p>	
NEXT	WASHTEMP

WASHTEMP	
ASK	If CWASHER=1
<p>What water temperature setting is usually used for the <i>wash</i> cycle of your clothes washer?</p> <ol style="list-style-type: none"> 1 Hot 2 Warm 3 Cold 	
NEXT	RNSETEMP

RNSETEMP	
ASK	If CWASHER=1
<p>What water temperature setting is usually used for the <i>rinse</i> cycle of your clothes washer?</p> <ol style="list-style-type: none"> 1 Hot 2 Warm 	

3 Cold	
NEXT	AGECWASH

AGECWASH	
ASK	If CWASHER = 1
<p>About how old is your clothes washer? Your best estimate is fine.</p> <ul style="list-style-type: none"> 1 Less than 2 years old 2 2 to 4 years old 3 5 to 9 years old 41 10 to 14 years old 42 15 to 19 years old 5 20 or more years old <p>Don't know</p>	
NEXT	DRYER

DRYER	
ASK	All Respondents
<p>Does your household have a clothes dryer? Do not include community clothes washers that are located in the basement or laundry room of your apartment building.</p> <ul style="list-style-type: none"> 1 Yes 0 No 	
NEXT	If DRYER=1: DRYRFUEL Else TVCOLOR

DRYRFUEL	
ASK	If DRYER=1
<p>What fuel does your clothes dryer use?</p>	

5	Electricity
1	Natural gas from underground pipes
2	Propane (bottled gas)
	Don't Know
NEXT	DRYRUSE

DRYRUSE	
ASK	If DRYER=1
<p>In a typical week, how often is your clothes dryer used? If not used, enter "0."</p> <p>_____ times per week</p>	
NEXT	AGECDRYER

AGECDRYER	
ASK	IF DRYER = 1
<p>About how old is your clothes dryer? Your best estimate is fine.</p> <p>1 Less than 2 years old</p> <p>2 2 to 4 years old</p> <p>3 5 to 9 years old</p> <p>41 10 to 14 years old</p> <p>42 15 to 19 years old</p> <p>5 20 or more years old</p> <p>Don't know</p>	
NEXT	TVCOLOR

ELECTRONICS

TVCOLOR	
ASK	All respondents
<p>How many televisions are used in your home?</p> <p>_____ Televisions</p>	

NEXT	If TVCOLOR>0 : TVSIZE1 Else: DESKTOP, LAPTOP, TABLET, PCPRINT, ELECDEV
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TVSIZE1	
ASK	If TVCOLOR>0
<p>What is the size of your most used television?</p> <ul style="list-style-type: none"> 1 27 inches or less 2 27 to 39 inches 3 40 to 59 inches 4 60 inches or more 	
NEXT	TVTYPE1

TVTYPE1	
ASK	If TVCOLOR>0
<p>What type of display does your most used television have?</p> <ul style="list-style-type: none"> 1 LCD 2 Plasma 3 LED 4 Projection 5 Standard Tube <p>Don't Know</p>	
NEXT	TVONWD1

TVONWD1	
ASK	If TVCOLOR>0
<p>Thinking about your most used television's use on <u>weekdays</u>, how many hours is it turned on each day? Include the time it is on even if no one is actually watching it.</p> <p>_____ hours per day</p>	
NEXT	TVONWE1

TVONWE1	
ASK	If TVCOLOR>0
<p>Thinking about your most used television's use on <u>weekends</u>, how many hours is it turned on each day? Include the time it is on even if no one is actually watching it.</p> <p>_____ hours per day</p>	
NEXT	If TVCOLOR>1: TVSIZE2 If TVCOLOR=1: CABLESAT, COMBODVR, DVR, PLAYSTA, DVD, VCR, INTERBOX, TVAUDIOSYS, OTHERSTB

TVSIZE2	
ASK	If TVCOLOR>1
<p>What is the size of your second most used television?</p> <ol style="list-style-type: none"> 1 27 inches or less 2 27 to 39 inches 3 40 to 59 inches 4 60 inches or more 	
NEXT	TVTYPE2

TVTYPE2	
ASK	If TVCOLOR>1
<p>What type of display does your second most used television have?</p> <ol style="list-style-type: none"> 1 LCD 2 Plasma 3 LED 4 Projection 5 Standard Tube <p>Don't Know</p>	
NEXT	TVONWD2

TVONWD2	
ASK	If TVCOLOR>1
<p>Thinking about your second most used television's use on <u>weekdays</u>, how many hours is it turned on</p>	

each day? Include the time it is on even if no one is actually watching it.

_____ hours per day

NEXT TVONWE2

TVONWE2

ASK If TVCOLOR>1

Thinking about your second most used television's use on weekends, how many hours is it turned on each day? Include the time it is on even if no one is actually watching it.

_____ hours per day

NEXT CABLESAT, COMBODVR, DVR, PLAYSTA, DVD, VCR, INTERBOX, TVAUDIOSYS

CABLESAT, COMBODVR, DVR, PLAYSTA, DVD, VCR, INTERBOX, TVAUDIOSYS

ASK If TVCOLOR>0

How many of each of the following are used in your home?

- _____ Cable or satellite box without DVR (CABLESAT)
- _____ Cable or satellite box with DVR (COMBODVR)
- _____ Separate DVR (for example, TIVO) (DVR)
- _____ Video game console (PLAYSTA)
- _____ DVD or Blu-ray Players (DVD)
- _____ VCR (VCR)
- _____ Internet streaming device (for example: Apple TV, Slingbox, or Roku) (INTERBOX)
- _____ Home audio system (TVAUDIOSYS)

NEXT DESKTOP, LAPTOP, TABLET, PCPRINT, ELECDEV

DESKTOP, LAPTOP, TABLET, PCPRINT, ELECDEV

ASK All Respondents

How many of each of the following are used in your home?

- _____ Desktop computer (DESKTOP)
- _____ Laptop computer (LAPTOP)
- _____ Tablet computer or e-reader (for example: iPad or Kindle) (TABLET)
- _____ Printer, scanner, fax machine, or copier (PCPRINT)
- _____ Internet connected or "smart" phones (SMARTPHN)
- _____ Other cellular phones (ELECDEV)

NEXT	INTERNET
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INTERNET	
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ASK	All respondents
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In your home, do you or any member of your household access the Internet?

- 1 Yes, with a subscription to an Internet service
- 2 Yes, without a subscription to an Internet service
- 0 No internet access in this home

NEXT	IF INTERNET = 1: INACCESS Else: HEATHOME
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INACCESS	
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ASK	IF INTERNET = 1
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In your home, do you or any member of your household subscribe to the Internet using – *Please select all that apply.*

- Dial-up service?
- DSL service?
- Cable modem service?
- Fiber optic service?
- Mobile broadband plan for a computer or a cell phone?
- Satellite Internet service?
- Other/specify

NEXT	INWIRELESS
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INWIRELESS	
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ASK	IF INTERNET = 1
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Do you have a wireless router for access to the Internet in your home?

- 1 Yes
- 0 No
- Don't know

NEXT	HEATHOME
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SPACE HEATING

HEATHOME	
ASK	All respondents
<p>Is your home heated during the winter?</p> <p>1 Yes 0 No</p>	
NEXT	If HEATHOME = 1: EQUIPM Else: AIRCOND

EQUIPM	
ASK	If HEATHOME=1
<p>What is the main type of heating equipment used to provide heat for your home?</p> <p>4 Central furnace 5 Heat pump 6 Steam or hot water system with radiators or pipes 7 Built-in electric units installed in walls, ceilings, baseboards, or floors 8 Built-in floor/wall pipeless furnace 9 Built-in room heater burning gas, oil, or kerosene 10 Heating stove burning wood, coal, or coke 11 Portable electric heaters 12 Fireplace 13 Other/Specify</p> <p>Don't Know</p>	
NEXT	EQUIPAGE

EQUIPAGE	
ASK	If HEATHOME=1
<p>Approximately how old is your home's main heating equipment?</p> <p>1 Less than 2 years old 2 2 to 4 years old 3 5 to 9 years old 41 10 to 14 years old 42 15 to 19 years old 5 20 or more years old</p> <p>Don't know</p>	
NEXT	FUELHEAT

FUELHEAT	
ASK	If HEATHOME=1
<p>What is the main fuel used by this equipment for heating your home?</p> <ul style="list-style-type: none"> 5 Electricity 1 Natural gas from underground pipes 2 Propane (bottled gas) 3 Fuel oil 7 Wood 9 Other/Specify <p>Don't Know</p>	
NEXT	THERMAIN

THERMAIN	
ASK	If HEATHOME=1
<p>Does your household use a thermostat to control the main heating equipment?</p> <ul style="list-style-type: none"> 1 Yes 0 No 	
NEXT	IF THERMAIN = 1: PROTHERM Else THERMUSE

PROTHERM	
ASK	If THERMAIN=1
<p>Is the thermostat that controls the main heating equipment in your home programmable?</p> <ul style="list-style-type: none"> 1 Yes 0 No <p>Don't Know</p>	
NEXT	THERMUSE

THERMUSE	
ASK	If HEATHOME=1
<p>Which of the following best describes how your household controls the main heating equipment most of the time in your home?</p> <ul style="list-style-type: none"> 1 Set one temperature on the thermostat and leave it there most of the time 2 Manually adjust the temperature at night or when no one is at home 	

	<ul style="list-style-type: none"> 3 Program the thermostat to automatically adjust the temperature at certain times 4 Turn equipment on or off when needed 5 Our household does not have control over the temperature 6 Other/Specify
NEXT	TEMPHEATDAY

TEMPHEATDAY	
ASK	If HEATHOME=1
<p>What is the usual temperature setting in your home during most winter days?</p> <ul style="list-style-type: none"> 1 62 degrees or less 2 63 to 66 degrees 3 67 to 70 degrees 4 71 to 74 degrees 5 75 degrees or more <p>Don't know</p>	
NEXT	TEMPHEATNIGHT

TEMPHEATNIGHT	
ASK	If HEATHOME=1
<p>What is the usual temperature setting in your home during most winter nights?</p> <ul style="list-style-type: none"> 1 62 degrees or less 2 63 to 66 degrees 3 67 to 70 degrees 4 71 to 74 degrees 5 75 degrees or more <p>Don't know</p>	
NEXT	EQUIPAUX

EQUIPAUX	
ASK	If HEATHOME=1
<p>In addition to your main heating equipment, does your household also use any of the following as a second source for heating your home? (If more than one, select the type most frequently used.)</p> <ul style="list-style-type: none"> 0 No other equipment used 1 Central furnace 2 Heat Ppump 3 Steam or hot water system with radiators or pipes 4 Built-in electric units installed in walls, ceilings, baseboards, or floors 5 Built-in floor/wall pipeless furnace 	

<ul style="list-style-type: none"> 6 Built-in room heater burning gas, oil, or kerosene 7 Heating stove burning wood, coal, or coke 8 Portable electric heaters 9 Fireplace 10 Other/Specify <p style="margin-left: 40px;">Don't Know</p>		
<table border="1" style="width: 100%;"> <tr> <td style="width: 15%;">NEXT</td> <td>If EQUIPAUX=0: BASEHEAT, ATTICHEAT, GARAGEHEAT If EQUIPAUX≠0: FUELHEATAUX</td> </tr> </table>	NEXT	If EQUIPAUX=0: BASEHEAT, ATTICHEAT, GARAGEHEAT If EQUIPAUX≠0: FUELHEATAUX
NEXT	If EQUIPAUX=0: BASEHEAT, ATTICHEAT, GARAGEHEAT If EQUIPAUX≠0: FUELHEATAUX	

FUELHEATAUX	
ASK	If EQUIPAUX≠0
<p>What is the fuel used by this second type of equipment for heating your home?</p> <ul style="list-style-type: none"> 5 Electricity 1 Natural gas from underground pipes 2 Propane (bottled gas) 3 Fuel oil 7 Wood 9 Other/Specify <p style="margin-left: 40px;">Don't Know</p>	
NEXT	BASEHEAT, ATTICHEAT, GARAGEHEAT

BASEHEAT, ATTICHEAT, GARAGEHEAT	
ASK	If HEATHOME=1
<p>Which of the following spaces are heated? Please select all that apply.</p> <ul style="list-style-type: none"> 1 Basement (BASEHEAT) 2 Attic (ATTICHEAT) 3 Attached garage (GARAGEHEAT) 4 I have at least one of these spaces but none are heated (HEATINCN) 5 My home does not have any of these spaces (HEATNONE) 	
NEXT	MOISTURE

MOISTURE	
ASK	All Respondents
<p>Humidifiers add moisture to the air and are often used in the winter. Is a humidifier used in your home?</p> <p>1 Yes 0 No</p>	
NEXT	If MOISTURE=1: USEMOISTURE Else: AIRCOND

USEMOISTURE	
ASK	If MOISTURE=1
<p>How many months is your humidifier used?</p> <p>11 1 to 3 months 12 4 to 6 months 13 7 to 9 months 14 10 to 11 months 15 Turned on all year</p>	
NEXT	AIRCOND

AIR CONDITIONING

AIRCOND	
ASK	All respondents
<p>Was any air conditioning equipment used in your home last summer?</p> <p>1 Yes 0 No</p>	
NEXT	If AIRCOND=1: CENTRALAC, WWAC, PORTAC, SWAMPCOL Else: NUMCFAN, NUMFLOORFAN, NUMATTICFAN

CENTRALAC, WWAC, PORTAC, SWAMPCOL	
ASK	If AIRCOND=1
<p>What type of air conditioning equipment was used in your home last summer? Please select all that apply.</p> <p>Central air conditioning system (CENTRALAC) Individual units in the windows or wall (WWAC)</p>	

Portable air conditioners (PORTAC) Evaporative or swamp cooler (SWAMPCOL)	
NEXT	If CENTRALAC=1: CENACHP Else if WWAC=1: NUMBERAC Else: NUMCFAN, NUMFLOORFAN, NUMATTICFAN

CENACHP	
ASK	If CENTRALAC=1
Is your central air conditioning system a heat pump?	
1 Yes 0 No Don't know	
NEXT	AGECENAC

AGECENAC	
ASK	If CENTRALAC=1
How old is your central air conditioning system?	
1 Less than 2 years old 2 2 to 4 years old 3 5 to 9 years old 41 10 to 14 years old 42 15 to 19 years old 5 20 or more years old Don't know	
NEXT	THERMAINAC

THERMAINAC	
ASK	If CENTRALAC=1
Does your household use a thermostat to control the central air conditioning system?	
1 Yes 0 No	
NEXT	PROTHERMAC

PROTHERMAC	
ASK	If THERMAIN=1
<p>Is the thermostat that controls the central air conditioning system in your home programmable?</p> <p>1 Yes 0 No</p> <p>Don't Know</p>	
NEXT	THERMUSEAC

THERMUSEAC	
ASK	If CENTRALAC=1
<p>Which of the following best describes how your household controlled the central air conditioning system last summer?</p> <p>1 Set one temperature on the thermostat and leave it there most of the time 2 Manually adjust the temperature at night or when no one is at home 3 Program the thermostat to automatically adjust the temperature at certain times 4 Turn equipment on or off when needed 5 Our household does not have control over the temperature 6 Other/Specify</p>	
NEXT	TEMPACDAY

TEMPACDAY	
ASK	If CENTRALAC=1
<p>What was the usual temperature setting in your home during most days last summer?</p> <p>1 62 degrees or less 2 63 to 66 degrees 3 67 to 70 degrees 4 71 to 74 degrees 5 75 degrees or more</p> <p>Don't know</p>	
NEXT	TEMPACNIGHT

TEMPACNIGHT	
ASK	If CENTRALAC=1
<p>What was the usual temperature setting in your home during most nights last summer?</p> <p>1 62 degrees or less 2 63 to 66 degrees 3 67 to 70 degrees 4 71 to 74 degrees 5 75 degrees or more</p> <p>Don't know</p>	
NEXT	If WWAC=1: NUMBERAC If WWAC=0: BASECOOL, ATTICCOOL, GARAGECOOL

NUMBERAC	
ASK	If WWAC=1
<p>How many window or wall air conditioning units were used in your home last summer?</p> <p>_____ units</p>	
NEXT	WWACAGE

WWACAGE	
ASK	If WWAC=1
<p>How old is the most used window or wall unit?</p> <p>1 Less than 2 years old 2 2 to 4 years old 3 5 to 9 years old 41 10 to 14 years old 42 15 to 19 years old 5 20 or more years old</p> <p>Don't know</p>	
NEXT	USEWWAC

USEWWAC	
ASK	If and WWAC=1
<p>Which of the following best describes how your household used the most used window or wall unit last</p>	

summer?	
<ul style="list-style-type: none"> 1 Used only a few days or nights when really needed 2 Used some days or nights 3 Used most or all days and nights 9 Other/specify 	
NEXT	BASECOOL, ATTICCOOL, GARAGECOOL

BASECOOL, ATTICCOOL, GARAGECOOL	
ASK	If AIRCOND=1
<p>Which of the following spaces are air conditioned? Please select all that apply.</p> <ul style="list-style-type: none"> Basement (BASECOOL) Attic (ATTICCOOL) Attached garage (GARAGECOOL) I have at least one of these spaces but none are air conditioned (COOLINCN) My home does not have any of these spaces (COOLNONE) 	
NEXT	NUMCFAN, NUMFLOORFAN, NUMATTICFAN

NUMCFAN, NUMFLOORFAN, NUMATTICFAN	
ASK	All respondents
<p>How many of the following types of fans does your household use?</p> <ul style="list-style-type: none"> _____ Ceiling fans (NUMCFAN) _____ Floor or window fans (NUMFLOORFAN) _____ Whole house (NUMWHOLEFAN) _____ Attic fans (NUMATTICFAN) 	
NEXT	NOTMOIST

NOTMOIST	
ASK	All Respondents
<p>Dehumidifiers remove moisture from the air and are often used in the summer. Is a dehumidifier used in your home?</p> <ul style="list-style-type: none"> 1 Yes 0 No 	

NEXT	If NOTMOIST=1: USENOTMOIST Else:H2OMAIN
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USENOTMOIST

ASK	IF NOTMOIST=1
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How many months is your dehumidifier used?

- 1 1 to 3 months
- 2 4 to 6 months
- 3 7 to 9 months
- 4 10 to 11 months
- 5 Turned on all year

NEXT	H2OMAIN
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WATER HEATING

H2OMAIN

ASK	All respondents
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What is the main water heating equipment used in your home?

- 1 Storage water heating tank(s) in home
- 2 Tankless or on-demand water heater(s) in home
- 3 Water heater is outside my home or unit, such as in an apartment building
- 9 Other/Specify

NEXT	If H2OMAIN=1: WHEATSIZ Else: WHEATAGE
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WHEATSIZ

ASK	If H2OMAIN=1
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What is the size of the water heating storage tank in your home? (If more than one, answer for the largest.)

- 1 Small (30 gallons or less)
- 2 Medium (31 to 49 gallons)
- 3 Large (50 gallons or more)

Don't know

NEXT	WHEATAGE
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WHEATAGE	
ASK	All respondents
<p>How old is your main water heating equipment?</p> <p>1 Less than 2 years old 2 2 to 4 years old 3 5 to 9 years old 4 10 to 14 years old 42 15 to 19 years old 5 20 or more years old</p> <p>Don't know</p>	
NEXT	FUELH2O

FUELH2O	
ASK	All respondents
<p>What fuel does your main water heating equipment use?</p> <p>5 Electricity 1 Natural gas from underground pipes 2 Propane (bottled gas) 3 Fuel oil 7 Wood 9 Other/Specify</p> <p>Don't Know</p>	
NEXT	LGTINNUM

LIGHTING

LGTINNUM	
ASK	All respondents
<p>Approximately how many light bulbs are installed inside your home? Include light bulbs in ceiling fixtures and fans, table and floor lamps, as well as those used infrequently, such as in hallways, closets, and garages. For fixtures with multiple bulbs, count each bulb separately.</p> <p>1 Less than 20 light bulbs 2 20 to 39 light bulbs 3 40 to 59 light bulbs 4 60 to 79 light bulbs 5 80 or more light bulbs</p> <p>Don't Know</p>	

NEXT	LGTIN4
PAPER	

LGTIN4	
ASK	All respondents
<p>How many of the light bulbs inside your home are used at least 4 hours per day?</p> <p>_____ light bulbs</p>	
NEXT	LGTINCAN

LGTINCAN	
ASK	All respondents
<p>How many of the light bulbs installed inside your home are <u>incandescent</u> bulbs?</p> <p>1 All 2 Most 3 About half 4 Some 0 None</p> <p>Don't Know</p>	
NEXT	LGTINCFL

LGTINCFL	
ASK	All respondents
<p>How many of the light bulbs installed inside your home are <u>CFL</u> bulbs?</p> <p>1 All 2 Most 3 About half 4 Some 0 None</p> <p>Don't Know</p>	
NEXT	LGTINLED

LGTINLED	
ASK	All respondents
<p>How many of the light bulbs installed inside your home are <u>LED</u> bulbs?</p> <p>1 All 2 Most 3 About half 4 Some 0 None</p> <p>Don't Know</p>	
NEXT	LGTINDIM

LGTINDIM	
ASK	All respondents
<p>Are any of the light bulbs inside your home controlled by dimmers or timers?</p> <p>1 Yes 0 No</p>	
NEXT	LGTOUTNUM

LGTOUTNUM	
ASK	All respondents
<p>Approximately how many light bulbs are installed <u>outside your home</u>? For apartments, only include lights connected to your unit.</p> <p>0 None 1 1 to 4 bulbs 2 5 to 9 bulbs 3 10 or more bulbs</p> <p>Don't Know</p>	
NEXT	If LGTOUTNUM>0: LGTOUTCAN, LGTOUTCFL, LGTOUTLED, LGTOUTNG Else: SWIMPOOL

LGTOUTCAN, LGTOUTCFL, LGTOUTLED, LGTOUTNG, LGTOUTSOL	
ASK	If LGTOUTNUM>0
<p>Which of the following types of lights are used <u>outside your home</u>? Please select all that apply.</p>	

Incandescent bulbs (LGTOUTCAN) CFL bulbs (LGTOUTCFL) LED bulbs (LGTOUTLED) Natural gas lights (LGTOUTNG)	
NEXT	LGTOUTMOD

LGTOUTMOD	
ASK	If LGTOUTNUM>0
Are any of the light bulbs outside your home controlled by motion detectors or light sensors? 1 Yes 0 No	
NEXT	SWIMPOOL

MISCELLANEOUS

SWIMPOOL	
ASK	All respondents
Does your home have its own swimming pool? 1 Yes 0 No	
NEXT	If SWIMPOOL=1: FUELPOOL Else: RECBATH

FUELPOOL	
ASK	If SWIMPOOL=1
What fuel is used to heat the water in your swimming pool? 0 None, my swimming pool is not heated 5 Electricity 1 Natural gas from underground pipes	

2	Propane (bottled gas)
3	Fuel oil
8	Solar
9	Other/specify
	Don't Know
NEXT	RECBATH

RECBATH	
ASK	All respondents
Does your home have its own heated hot tub, spa, or Jacuzzi, other than a bathtub?	
1	Yes
0	No
NEXT	If RECBATH=1: FUELTUB Else: AUDIT

FUELTUB	
ASK	If RECBATH=1
What fuel is used to heat the water in your heated hot tub, spa, or Jacuzzi?	
5	Electricity
1	Natural gas from underground pipes
2	Propane (bottled gas)
3	Fuel oil
8	Solar
9	Other/specify
	Don't Know
NEXT	AUDIT

AUDIT	
ASK	All respondents
A home energy audit is when a trained professional examines how energy is used in all parts of a home. After examining a home, the energy auditor will provide a list of ways to reduce energy use and save money on energy bills. Has your home had an energy audit?	
1	Yes
0	No
	Don't Know

NEXT	If AUDIT=1: AUDITCHG Else: EEPRODUCT, FREEAUDIT, MRREBATE, SUPPREBATE, RECYCAPP, SUBLOAN, TAXCREDIT, WEATHERIZATION, LIHEAP, BENOTHER
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AUDITCHG	
ASK	If AUDIT=1
Did your household make any of the changes suggested by the energy auditor?	
1 Yes 0 No	
NEXT	If AUDITCHG=1: AUDITCHGOPEN Else: EEPRODUCT, FREEAUDIT, MRREBATE, SUPPREBATE, RECYCAPP, SUBLOAN, TAXCREDIT, WEATHERIZATION, LIHEAP, BENOTHER

AUDITCHGOPEN	
ASK	If AUDITCHG=1
Please describe the changes your household made.	

NEXT	EEPRODUCT, FREEAUDIT, MRREBATE, SUPPREBATE, RECYCAPP, SUBLOAN, TAXCREDIT, WEATHERIZATION, LIHEAP, BENOTHER

EELIGHTS, EETHERM, FREEAUDIT, REBATEAPP, RECYCAPP, SUBLOAN, TAXCREDITAPP, TAXCREDITWIN, WEATHERIZATION, LIHEAP, BENOTHER	
ASK	All respondents
Has your household received any of the following energy-related benefits or assistance at this home? Please select all that apply.	
Free or subsidized energy-efficient light bulbs (EELIGHTS) Free or subsidized programmable thermostat (EETHERM) Free or subsidized home energy audit (FREEAUDIT)	
Utility or energy supplier rebate for new appliance or equipment (REBATEAPP) Recycling of old appliance or equipment (for example, a refrigerator) (RECYCAPP) Subsidized loan for new appliance or equipment (SUBLOAN) Tax credit for new appliance or equipment (TAXCREDITAPP) Tax credit for new windows or insulation (TAXCREDITWIN)	
Weatherization assistance program (WEATHERIZATION) Low income home energy assistance (for example, LIHEA) (LIHEAP)	
Other/specify (BENOTHER)	

My household has not received any of these benefits or assistance	
NEXT	ESCWASH, ESDRYER, ESDISHW, ESFREEZ, ESLIGHT, ESFRIG, ESWATER, ESWIN

ESCWASH, ESDRYER, ESDISHW, ESFREEZ, ESLIGHT, ESFRIG, ESWATER, ESWIN	
ASK	All respondents
<p>Which of the following products in your home are ENERGY STAR qualified? Please select all that apply.</p> <ul style="list-style-type: none"> Clothes Washer Clothes Dryer Dishwasher Refrigerator Freezer Light Bulbs Water Heater Windows None 	
NEXT	SMARTTHERM

SMARTTHERM	
ASK	All respondents
<p>Does your home have a “smart” or Internet-connected thermostat?</p> <ul style="list-style-type: none"> 1 Yes 0 No Don't Know 	
NEXT	SMARTMETER

SMARTMETER	
ASK	All respondents
<p>Does your home have a “smart meter,” which records electricity usage in short time intervals and</p>	

<p>automatically transmits it to your utility company?</p> <p>1 Yes 0 No</p> <p>Don't Know</p>	
NEXT	If SMARTMETER=1: INTDATA Else: OUTLET

INTDATA	
ASK	If SMARTMETER=1
<p>Does your household have access to hourly or daily electricity usage information recorded by your smart meter?</p> <p>1 Yes 0 No</p> <p>Don't Know</p>	
NEXT	If INTDATA=1: INTDATAACC Else: OUTLET

INTDATAACC	
ASK	If INTDATA=1
<p>Have you ever accessed or viewed this interval data?</p> <p>1 Yes 0 No</p>	
NEXT	OUTLET

OUTLET	
ASK	All respondents
<p>Do you or any member of your household park a vehicle within about 20 feet of an electric outlet?</p> <p>1 Yes 0 No</p>	
NEXT	ELECVEH
PAPER	

ELECVEH	
ASK	All respondents
<p>Do you or any member of your household own or lease a plug-in electric vehicle?</p> <p>1 Yes 0 No</p>	
NEXT	OTHFUELUSE

FUELS AND SUPPLIERS

OTHFUELUSE	
ASK	All respondents
<p>Are there any other fuels used in your home that you have not already answered about? If so, please list the fuel(s) and how it is used.</p> <p>Open-ended response</p> <p>___-Don't use any other fuel</p>	
NEXT	OTHACT

OTHACT	
ASK	All respondents
<p>Are there any activities occurring in your home that use a lot more energy than would usually be used in a home?</p> <p>Open-ended response</p> <p>___No high energy-using activities</p>	
NEXT	BACKUP

BACKUP	
ASK	All respondents
<p>Does your household have a back-up generator that can be used for generating electricity in case of a power outage or emergency?</p> <p>1 Yes 0 No</p>	
NEXT	ONSITETYPE

ONSITETYPE	
ASK	All respondents
<p>Not including back-up generators, does your home have any of these on-site systems that generates electricity?</p> <p>0 No on-site generation system 1 Solar or photovoltaic system 2 Small wind turbine 3 Combined heat and power system 9 Other/specify</p>	
NEXT	ELPAY

ELPAY	
ASK	All respondents
<p>Which of the following describes who is responsible for paying for the electricity used in this home?</p> <p>1 Household is responsible for paying for <u>all</u> electricity used in this home 2 All electricity used in this home is included in the rent or condo fee 3 Some is paid by the household, some is included in the rent or condo fee 9 Other/specify</p> <p>Don't Know</p>	
NEXT	<p>If STOVENFUEL=1 or STOVEFUEL=1 or OVENFUEL=1 or DRYRFUEL=1 or FUELHEAT=1 or FUELHEATAUX=1 or FUELH2O=1 or FUELPOOL=1 or FUELTUB=1: NGPAY Else if STOVENFUEL=2 or STOVEFUEL=2 or OVENFUEL=2 or DRYRFUEL=2 or FUELHEAT=2 or FUELHEATAUX=2 or FUELH2O=2 or FUELPOOL=2 or FUELTUB=2: LPGPAY Else if FUELHEAT=3 or FUELHEATAUX=3 or FUELH2O=3 or FUELPOOL=3 or FUELTUB=3: FOPAY Else KFUELOT</p>

NGPAY	
ASK	If STOVENFUEL=1 or STOVEFUEL=1 or OVENFUEL=1 or DRYRFUEL=1 or FUELHEAT=1 or FUELHEATAUX=1 or FUELH2O=1 or FUELPOOL=1 or FUELTUB=1
<p>Which of the following describes who is responsible for paying for the natural gas used in this home?</p> <ol style="list-style-type: none"> 1 Household is responsible for paying for <u>all</u> natural gas used in this home 2 All natural gas used in this home is included in the rent or condo fee 3 Some is paid by the household, some is included in the rent or condo fee 9 Other/specify <p>Don't Know</p>	
NEXT	If STOVENFUEL=2 or STOVEFUEL=2 or OVENFUEL=2 or DRYRFUEL=2 or FUELHEAT=2 or FUELHEATAUX=2 or FUELH2O=2 or FUELPOOL=2 or FUELTUB=2: LPGPAY Else if FUELHEAT=3 or FUELHEATAUX=3 or FUELH2O=3 or FUELPOOL=3 or FUELTUB=3: FOPAY Else KFUELOT

LPGPAY	
ASK	If STOVENFUEL=2 or STOVEFUEL=2 or OVENFUEL=2 or DRYRFUEL=2 or FUELHEAT=2 or FUELHEATAUX=2 or FUELH2O=2 or FUELPOOL=2 or FUELTUB=2
<p>Which of the following describes who is responsible for paying for the propane used in this home?</p> <ol style="list-style-type: none"> 1 Household is responsible for paying for <u>all</u> propane used in this home 2 All propane used in this home is included in the rent or condo fee 3 Some is paid by the household, some is included in the rent or condo fee 9 Other/specify <p>Don't Know</p>	
NEXT	If FUELHEAT=3 or FUELHEATAUX=3 or FUELH2O=3 or FUELPOOL=3 or FUELTUB=3: FOPAY Else: KFUELOT

FOPAY	
ASK	If FUELHEAT=3 or FUELHEATAUX=3 or FUELH2O=3 or FUELPOOL=3 or FUELTUB=3
<p>Which of the following describes who is responsible for paying for the fuel oil used in this home?</p>	

<p>1 Household is responsible for paying for <u>all</u> fuel oil used in this home</p> <p>2 All fuel oil used in this home is included in the rent or condo fee</p> <p>3 Some is paid by the household, some is included in the rent or condo fee</p> <p>9 Other/specify</p> <p>Don't Know</p>		
<table border="1"> <tr> <td>NEXT</td> <td>KFUELOT</td> </tr> </table>	NEXT	KFUELOT
NEXT	KFUELOT	

KFUELOT	
ASK	All respondents
<p>Do any of your household energy bills include costs for energy used for non-household purposes, such as farm buildings or machinery, a business or office, or another house or apartment?</p> <p>1 Yes</p> <p>0 No</p>	
NEXT	If KFUELOT=1: BILLEL, BILLUG, BILLPG, BILLFOIL, BILLKER Else: ELSUPPNAME, ELACCT, NGSUPPNAME, NGACCT, LPSUPPNAME, LPACCT, FKSUPPNAME, FKACCT, AUTHORIZATION

BILLEL, BILLUG, BILLPG, BILLFK	
ASK	If KFUELOT=1
<p>Which of your household's energy bills include costs for energy used for non-household purposes? Please select all that apply.</p> <p>Electricity (BILLEL)</p> <p>Natural gas from underground pipes (BILLUG)</p> <p>Propane (bottled gas) (BILLPG)</p> <p>Fuel oil or kerosene (BILLFK)</p>	
NEXT	ELSUPPNAME, ELACCT, NGSUPPNAME, NGACCT, LPSUPPNAME, LPACCT, FKSUPPNAME, FKACCT, AUTHORIZATION

ELSUPPNAME, ELACCT, NGSUPPNAME, NGACCT, LPSUPPNAME, LPACCT, FKSUPPNAME, FKACCT, AUTHORIZATION	
ASK	All respondents
<p>In addition to the answers you've provided in this survey, we would like to find out how much energy your household actually used in the past year.</p> <p>Please provide the names of your energy supplier(s) and the account number for each fuel used by your household?</p> <p>Electricity _____ (ELSUPPNAME) _____ (ELACCT)</p> <p>Natural Gas _____ (NGSUPPNAME) _____ (NGACCT)</p>	

Propane _____ (LPSUPPNAME) _____ (LPACCT)
 Fuel Oil or Kerosene _____ (FKSUPPNAME) _____ (FKACCT)

I hereby give permission to this company or companies to provide information about the energy consumption at <sample address> to the U.S. Energy Information Administration for confidential use in connection with the Residential Energy Consumption Survey. (AUTHORIZATION)

_____ Initials

NEXT	HHSEX
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HOUSEHOLD CHARACTERISTICS

HHSEX

ASK	All respondents
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What is your sex?

- 1 Female
- 2 Male

NEXT	HHAGE
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HHAGE

ASK	All respondents
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What is your age?

_____ years old

NEXT	If : EMPLOYHH If : SDESCENT
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EMPLOYHH

ASK	All respondents
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Which best describes your employment status?

- 1 Employed full-time
- 2 Employed part-time
- 3 Not employed/retired

NEXT	EDUCATION
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EDUCATION	
ASK	All respondents
<p>What is the highest degree or level of school you have completed?</p> <ol style="list-style-type: none"> 1 Less than high school diploma or GED 2 High school diploma or GED 3 Some college or Associate's degree 4 Bachelor's degree (for example: BA, BS) 5 Master's, Professional, or Doctorate degree (for example: MA, MS, MBA, MD, JD, PhD) 	
NEXT	SDESCENT

SDESCENT	
ASK	All respondents
<p>Are you Hispanic or Latino?</p> <ol style="list-style-type: none"> 1 Yes 0 No 	
NEXT	RACE_WHITE, RACE_BLACK, RACE_AIAN, RACE_ASIAN, RACE_NHPI, RACE_OTH

RACE_WHITE, RACE_BLACK, RACE_AIAN, RACE_ASIAN, RACE_NHPI, RACE_OTH	
ASK	All respondents
<p>What is your race? Please select all that apply.</p> <ul style="list-style-type: none"> White (RACE_WHITE) Black or African-American (RACE_BLACK) American Indian or Alaska Native (RACE_AIAN) Asian (RACE_ASIAN) Native Hawaiian or Other Pacific Islander (RACE_NHPI) Other/specify (RACE_OTH) 	
NEXT	NHSLDMEM

NSHLDMEM	
ASK	All respondents
<p>Including yourself, how many people usually live in this home? Do not include anyone who is just visiting, those away in the military, or children who are away at college.</p> <p>_____ household members</p>	
NEXT	NUMADULT

NUMADULT	
ASK	All respondents
<p>How many members of your household are adults (18 years of age or older)?</p> <p>_____ adults</p>	
NEXT	NUMCHILD

NUMCHILD	
ASK	All respondents
<p>How many members of your household are children (17 years of age or younger)?</p> <p>_____ children</p>	
NEXT	ATHOMEDAYS

ATHOMEDAYS	
ASK	All respondents
<p>In a typical week, how many weekdays is someone at home most or all of the day?</p> <p>0 None 1 1 day 2 2 days 3 3 days 4 4 days 5 5 days</p>	
NEXT	MONEYPY

MONEYPY	
ASK	All respondents

Including all income sources, which category best describes the 2014 total combined income of all members of your household before taxes and deductions?

- 1 Less than \$20,000
- 2 \$20,000 - \$39,999
- 3 \$40,000 - \$59,999
- 4 \$60,000 to \$79,999
- 5 \$80,000 to \$99,999
- 6 \$100,000 to \$119,999
- 7 \$120,000 to \$139,999
- 8 \$140,000 or more

NEXT	End Survey
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WHYPAPER

ASK	All respondents receiving nonresponse follow-up paper version of questionnaire
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Which of the following best describes why you chose to respond to this survey by mail.

- 1 No Web access
- 2 I prefer to respond to surveys by mail
- 3 I had problems responding by Web
- 4 I did not know there was an option to respond by Web
- 5 Other/Specify

NEXT	End Survey
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