2015 RECS Rental Agent Questionnaire
April 30, 2015

RACARI (New)					*RACARI*
ASK	All respondents				
Some parts of this interview will be recorded for quality control purposes. I'd like to continue now unless you have any questions. 1 Gives consent to record interview 0 Does not give consent to record interview					
NEXT	RARESROLE				
Derived		**Show Card**		**CARI**	Yes

RARESROLE (New)					*RARESROLE*
ASK	All respondents				
A tenant at ^HUBUILDADDRESS unit ^RAUNIT has provided some information about the energy use in their household in 2009. During this interview we will ask you questions about their energy use for verification. [If RAUNIT ≠ EMPTY], as well as a few questions about the entire building at ^HUBUILDADDRESS. First, I'd like to start with your role. Are you the owner of ^HUBUILDADDRESS unit ^RAUNIT, do you represent a company that owns or manages this property, do you represent a condominium association, or do you have some other relationship with this unit? 1 Owner 2 Represent company that owns or manages this property 3 Represent condominium association 4 Some other relationship with this unit					
NEXT	RANUMFLRS				
Derived		**Show Card**		**CARI**	

RANUMFLRS					*RANUMFLRS*
ASK	All respondents				
How many floors, or stories, are in this building? Do not include basements, parking levels, or attics. 1-95					
NEXT	RANUMAPTS				
Derived		**Show Card**		**CARI**	

RANUMAPTS					*RANUMAPTS*
ASK	All respondents				

How many separate housing units are in this building? 1-995					
NEXT	RAYEARMADE				
Derived		**Show Card**		**CARI**	

RAYEARMADE (Changed from 2009)					*RAYEARMADE*
ASK	All respondents				
In what year was the building built? 1600-2015					
NEXT	If RAYEARMADE in(DK, REF): RAYEARMADERANGE; Else RALOBBY				
Derived		**Show Card**		**CARI**	Yes

RAYEARMADERANGE (Changed from 2009)					*RAYEARMADERANGE*
ASK	If RAYEARMADE in(DK, RF)				
Please give your best estimate. Was this building built... 1 Before 1950 2 1950-1959 3 1960-1969 4 1970-1979 5 1980-1989 6 1990-1999 7 2000-2009 8 2010-2015					
NEXT	If RANUMAPTS >2: RALOBBY Else: RABLDSQFT				
Derived		**Show Card**		**CARI**	Yes

RALOBBY, RACOMMERCIAL, RAOFFICE, RALAUNDRY, RAGYM, RAPARTY, RANOCOMMON				*RALOBBY, RACOMMERCIAL, RAOFFICE, RALAUNDRY, RAGYM, RAPARTY, RANOCOMMON*	
ASK	If RANUMAPTS > 2				
Please tell me which types of common areas are in this building? INTERVIEWER: MARK ALL THAT APPLY. 1 Lobby/Reception Area [RALOBBY] 2 Commercial space, including stores or restaurants [RACOMMERCIAL] 3 Apartment rental office or other large office space [RAOFFICE] 4 Laundry room [RALAUNDRY] 5 Gym/Swimming pool/Sauna areas [RAGYM]					

6 Conference rooms or party space [RAPARTY]	
7 NONE of these types of areas [RANOCOMMON]	

NEXT	RAMETERING

Derived		**Show Card**		**CARI**	

RAMETERING (New)	*RAMETERING*

ASK	All respondents

Do the apartments in this building have individual electric meters?

    1 Yes
    0 No

NEXT	RAONSITETYPE

Derived		**Show Card**		**CARI**	

RAONSITETYPE (New)	*RAONSITETYPE*

ASK	All respondents

Does this building have any on-site solar panels?

    1 Yes
    0 No

NEXT	RABLDSQFT

Derived		**Show Card**		**CARI**	

RABLDSQFT	*RABLDSQFT*

ASK	All respondents

What is the total floorspace in the building at ^HUBUILDADDRESS? Your best estimate is fine.

    1-9,999,999

NEXT	If RABLDSQFT in (DK, REF): RABLDSQFTCAT; Else: RASQFTEST

Derived		**Show Card**		**CARI**	

RABLDSQFTCAT	*RABLDSQFTCAT*

ASK	If RABLDSQFT = DK or RF

Which of the following categories best describes the total floorspace in this building? Is it...

    1 Fewer than 5,000 square feet
    2 5,000 to 10,000 square feet
    3 10,000 to 25,000 square feet
    4 25,000 to 50,000 square feet

5 50,000 to 100,000 square feet 6 100,000 or more square feet					

NEXT	RASQFTEST				
Derived		**Show Card**		**CARI**	

RASQFTEST				*RASQFTEST*	
ASK	All respondents				

What is the total floorspace in [If RAUNIT = EMPTY] this housing unit [If RAUNIT ≠ EMPTY] unit ^RAUNIT? [If RAUNIT ≠ EMPTY] Please consider only unit ^RAUNIT. Your best estimate is fine.

    1-99,999

NEXT	If RASQFTEST in (DK, REF): RASQFTCATEST; Else: RACOMMENTBLDG				
Derived		**Show Card**		**CARI**	Yes

RASQFTCATEST				*RASQFTCATEST*	
ASK	If RASQFTEST = DK or RF				

Which of the following categories best describes the total floorspace in [If RAUNIT = EMPTY] this housing unit [If RAUNIT ≠ EMPTY] unit ^RAUNIT? Please consider only unit ^RAUNIT. Is it...

    1 Fewer than 600 square feet
    2 600 to 999 square feet
    3 1,000 to 1,599 square feet
    4 1,600 to 1,999 square feet
    5 2,000 to 2,399 square feet
    6 2,400 to 2,999 square feet
    7 3,000 or more square feet?

NEXT	RACOMMENTBLDG				
Derived		**Show Card**		**CARI**	Yes

RACOMMENTBLDG				*RACOMMENTBLDG*	
ASK	All respondents				

INTERVIEWER: RECORD ANY INFORMATION HERE ABOUT THE GENERAL CHARACTERISTICS OF THE UNIT OR BUILDING THAT MIGHT PROVIDE CLARIFICATION TO THE RESPONDENT'S ANSWERS. IF THERE ARE NONE, PRESS "ENTER" TO CONTINUE.

    Open response

NEXT	RAHEATHOME				
Derived		**Show Card**		**CARI**	

RAHEATHOME					*RAHEATHOME*
ASK	All respondents				

Is this apartment heated in the winter?
 	
    1 Yes
    0 No					

NEXT	If RATHEATHOME=0: RACOMMENTHEAT; If RAHEATHOME ne 0 and TYPEHUQ in(4,5):RAAPTHEAT; If RAHEATHOME ne 0 and TYPEHUQ in(1,2,3): RAEQUIPM				
Derived		**Show Card**		**CARI**	

RAAPTHEAT (New)					*RAAPTHEAT*
ASK	If TYPEHUQ in (4,5)				

What type of heating system does this apartment have? Is it…
 	
    1 A central system in another part of the building that sends heat to the apartment unit
    2 Main heating equipment inside the apartment or home					

NEXT	RAEQUIPM				
Derived		**Show Card**		**CARI**	

RAEQUIPM (Changed from 2009)					*RAEQUIPM*
ASK	All respondents				

What is the main space heating equipment? Is it a…
 	
    2 Central furnace
    1 Heat pump
    3 Steam/Hot water system with radiators/convectors or pipes in the floor or walls
    4 Built-in electric units installed in walls, ceiling, baseboard, or floor
    5 Built-in floor/wall pipeless furnace
    6 Built-in room heater burning gas, oil, or kerosene
    7 Heating stove burning wood, coal, or coke (IF VOLUNTEERED)
    8 Portable electric heaters (IF VOLUNTEERED)
    9 Portable kerosene heaters (IF VOLUNTEERED)
    10 Fireplace (IF VOLUNTEERED)
    11 Cooking stove that is used to heat your home as well as to cook (IF VOLUNTEERED)
    21 Some other equipment
    0 No space heating equipment used					

NEXT	If RAEQUIPM = 0; RACOMMENTHEAT; If RAEQUIPM = 21: RAEQUIPMSPEC; If RAEQUIPM = 1: RAHPTYPE1; Else: RAFUELHEAT				
Derived		**Show Card**		**CARI**	Yes

RAEQUIPMSPEC				*RAEQUIPMSPEC*	
ASK	If RAEQUIPM = 21				
What is this other equipment? Open response					
NEXT	RAFUELHEAT				
Derived		**Show Card**		**CARI**	

RAFUELHEAT (Changed from 2009)				*RAFUELHEAT*	
ASK	If RAEQUIPM ne 0 or RAQEUIPM ne 1 (heat pump)				

What is the main fuel used for home space heating in [If RAUNIT = EMPTY] this housing unit [If RAUNIT ≠ EMPTY] unit ^RAUNIT? That is, which fuel was the one that provided the most heat in unit ^RAUNIT? Is it…
 	
    1 Electricity
    2 Natural gas from underground pipes
    3 Propane (bottled gas)
    4 Fuel oil
    5 Kerosene (IF VOLUNTEERED)
    6 Wood (IF VOLUNTEERED)
    7 Solar (IF VOLUNTEERED)
    8 District steam or hot water (IF VOLUNTEERED)
    21 Some other fuel					

NEXT	If RAFUELHEAT = 21: RAFUELHEATSPEC Else: RAEQUIPAGE				
Derived		**Show Card**		**CARI**	Yes

RAFUELHEATSPEC (Changed from 2009)				*RAFUELHEATSPEC*	
ASK	If RAFUELHEAT = 21				
What is this other fuel? Open response					
NEXT	RAEQUIPAGE				
Derived		**Show Card**		**CARI**	

RAHPTYPE1 (New)					
ASK	If RAEQUIPM=1				

What type of heat pump is it?
 	
    1 Electric air source
    2 Geothermal or ground source
    3 Natural gas					

NEXT	RAEQUIPAGE				
Derived		**Show Card**		**CARI**	Yes

RAEQUIPAGE (Changed from 2009)					*RAEQUIPAGE*
ASK	If RAEQUIPM ≠ 0				

Approximately how old is the [If RAFUELHEAT ≠ 21]^RAFUELHEAT [If RAFUELHEAT = 21]^RAFUELHEATSPEC [If RAEQUIPM ≠ 21]^RAEQUIPM [If RAEQUIPM = 21]^RAEQUIPMSPEC?

1 Less than 2 years old
2 2 to 4 years old
3 5 to 9 years old
4 10 to 14 years old
5 15 to 19 years old
6 20 years or older
7 As old as the home (IF VOLUNTEERED)

NEXT	RAHEATOTH				
Derived		**Show Card**		**CARI**	

RAHEATOTH (Changed from 2009)					*RAHEATOTH*
ASK	If RAEQUIPM ≠ 0				

Does the [If RAFUELHEAT ≠ 21]^RAFUELHEAT [If RAFUELHEAT = 21]^RAFUELHEATSPEC [If RAEQUIPM ≠ 21]^RAEQUIPM [If RAEQUIPM = 21]^RAEQUIPMSPEC also heat any other apartments, condos, households, businesses, or buildings?

1 Yes
0 No

NEXT	RACOMMENTHEAT				
Derived		**Show Card**		**CARI**	

RACOMMENTHEAT					*RACOMMENTHEAT*
ASK	All respondents				

INTERVIEWER: RECORD ANY INFORMATION HERE ABOUT THE HEATING SYSTEM IN THE UNIT THAT MIGHT PROVIDE CLARIFICATION TO THE RESPONDENT'S ANSWERS. IF THERE ARE NONE, PRESS "ENTER" TO CONTINUE.

Open response

NEXT	If TYPEHUQ in (4,5): RAH2OHEATAPT; Else:RAFUELH2O				
Derived		**Show Card**		**CARI**	

RAH2OHEATAPT (New)					RAH2OHEATAPT
ASK	If TYPEHUQ in (4,5)				

Does this apartment have its own water heater or is there a central water heating system that serves the whole building?
 	
    1 Water heater in apartment
    2 Central water heating system					

NEXT	RAFUELH2O				
Derived		**Show Card**		**CARI**	Yes

RAFUELH2O (Changed from 2009)					RAFUELH2O
ASK	All respondents				

What is the main water heating fuel? Is it…
 	
    1 Electricity
    2 Natural gas from underground pipes
    3 Propane (bottled gas)
    4 Fuel oil
    5 Kerosene (IF VOLUNTEERED)
    6 Wood (IF VOLUNTEERED)
    7 Solar (IF VOLUNTEERED)
    8 District steam or hot water (IF VOLUNTEERED)
    21 Some other fuel					

NEXT	If RAFUELH2O = 21: RAFUELH2OSPEC Else: RAWHEATAGE				
Derived		**Show Card**		**CARI**	Yes

RAFUELH2OSPEC (Changed from 2009)					RAFUELH2OSPEC
ASK	If RAFUELH2O = 21				
What is this other fuel? Open response					
NEXT	RAWHEATAGE				
Derived		**Show Card**		**CARI**	

RAWHEATAGE (Changed from 2009)					RAWHEATAGE
ASK	All respondents				

Approximately how old is the main water heater?
 	
    1 Less than 2 years old
    2 2 to 4 years old
    3 5 to 9 years old					

4	10 to 14 years old
5	15 to 19 years old
6	20 years or older
7	As old as the home (IF VOLUNTEERED)

NEXT	RACOMMENTWATER				
Derived		**Show Card**		**CARI**	

RACOMMENTWATER					*RACOMMENTWATER*
ASK	All respondents				

INTERVIEWER: RECORD ANY INFORMATION HERE ABOUT THE WATER HEATING SYSTEM IN THE UNIT THAT MIGHT PROVIDE CLARIFICATION TO THE RESPONDENT'S ANSWERS. IF THERE ARE NONE, PRESS "ENTER" TO CONTINUE.

    Open response

NEXT	RAAIRCOND				
Derived		**Show Card**		**CARI**	

RAAIRCOND (Changed from 2009)					*RAAIRCOND*
ASK	All respondents				

Does [If RAUNIT = EMPTY] this housing unit [If RAUNIT ≠ EMPTY] unit ^RAUNIT have any air-conditioning equipment?

    1 Yes
    0 No

NEXT	If RAAIRCOND = 1: RACOOLTYPE; Else RACOMMENTCOOL				
Derived		**Show Card**		**CARI**	

RACOOLTYPE (Changed from 2009)					*RACOOLTYPE*
ASK	If RAAIRCOND = 1				

What type of air-conditioning equipment does [If RAUNIT = EMPTY] this housing unit [If RAUNIT ≠ EMPTY] unit ^RAUNIT have? Is it…

    1 A central air conditioning system
    2 Individual window/wall units
    3 Both a central system and individual units

NEXT	If RACOOLTYPE in(1,3): RACENACHP; If RACOOLTYPE = 2: RAWWACAGE Else: RACOMMENTCOOL				
Derived		**Show Card**		**CARI**	Yes

RACENACHP (New)					*RACENACHP*	

ASK	If RACOOLTYPE in(1,3)
	
	Is the central air conditioning system a heat pump?
	
	    1 Yes
	    0 No					

NEXT	If RACENACHP=1 and RAEQUIPM ne 1 (heat pump): RAHPTYPE2; Else: RAAGECENAC					
Derived		**Show Card**		**CARI**	

RAHPTYPE2 (New)					*RAHPTYPE2*	

ASK	If RACENACHP=1 and RAEQUIPM ne 1
	
	What type of heat pump is it?
	
	    1 Electric air source
	    2 Geothermal or ground source
	    3 Natural gas					

NEXT	RAHPDUCTS					
Derived		**Show Card**		**CARI**	

RAHPDUCTS (New)					*RAHPDUCTS*	

ASK	If RACENACHP=1
	
	Does the heat pump deliver cold air through ducts and vents or is it a ductless system?
	
	    1 Ducts and vents
	    2 Ductless					

NEXT	RAAGECENAC					
Derived		**Show Card**		**CARI**	

RAAGECENAC (Changed from 2009)		*RAAGECENAC*

ASK	If RACOOLTYPE = 1 or 3
	
	Approximately how old is the central air-conditioning equipment in ^RAUNIT?
	
	    1 Less than 2 years old
	    2 2 to 4 years old
	    3 5 to 9 years old
	    4 10 to 14 years old
	    5 15 to 19 years old
	    6 20 years or older
	    7 As old as the home (IF VOLUNTEERED)		

NEXT	RAACOTHERS				
Derived		**Show Card**		**CARI**	Yes

RAACOTHERS (Changed from 2009)					***RAACOTHERS***
ASK	If RACOOLTYPE = 1 or 3				

Does the central air-conditioner also cool any other apartments, condos, households, businesses, or buildings?

    1 Yes
    0 No

NEXT	RAWWACAGE				
Derived		**Show Card**		**CARI**	

RAWWACAGE (Changed from 2009)					***RAWWACAGE***
ASK	If RACOOLTYPE = 2 or 3				

Approximately how old is the most-used window/wall unit in unit ^RAUNIT?

    1 Less than 2 years old
    2 2 to 4 years old
    3 5 to 9 years old
    4 10 to 14 years old
    5 15 to 19 years old
    6 20 years or older
    7 As old as the home (IF VOLUNTEERED)

NEXT	RACOMMENTCOOL				
Derived		**Show Card**		**CARI**	

RACOMMENTCOOL					***RACOMMENTCOOL***
ASK	All respondents				

INTERVIEWER: RECORD ANY INFORMATION HERE ABOUT THE COOLING IN THE UNIT THAT MIGHT PROVIDE CLARIFICATION TO THE RESPONDENT'S ANSWERS. IF THERE ARE NONE, PRESS "ENTER" TO CONTINUE.

    Open response

NEXT	RASTOVEN, RASTOVE, RAOVEN, RANOCOOK				
Derived		**Show Card**		**CARI**	

RASTOVEN, RASTOVE, RAOVEN, RANOCOOK (Changed from 2009)					***RASTOVEN, RASTOVE, RAOVEN, RANOCOOK***
ASK	All respondents				

What type of cooking appliance does [If RAUNIT = EMPTY] this housing unit [If RAUNIT ≠ EMPTY] unit

	^RAUNIT have?
	INTERVIEWER: MARK ALL THAT APPLY.
	A stove or range that has both a cooktop and one or two ovens [RASTOVEN]
	A separate built-in cooktop only [RASTOVE]
	A separate built-in oven only [RAOVEN]
	None of these

NEXT	If RASTOVEN=1: RASTOVENFUEL Else if RASTOVE=1: RASTOVEFUEL Else if RAOVEN=1: RAOVENFUEL Else: RATYPERFR

Derived		**Show Card**		**CARI**	

RASTOVENFUEL (Changed from 2009)	*RASTOVENFUEL*

ASK	If RASTOVEN=1

What fuel does the stove or range use? Is it…

    1 Electricity
    2 Natural gas from underground pipes
    3 Propane (bottled gas)
    21 Some other fuel

NEXT	RATYPERFR

Derived		**Show Card**		**CARI**	

RASTOVENFUELSPEC (Changed from 2009)	*RASTOVENFUELSPEC*

ASK	If RASTOVENFUEL=21

What is this other fuel?

    Open response

NEXT	

Derived		**Show Card**		**CARI**	

RASTOVEFUEL (Changed from 2009)	*RASTOVEFUEL*

ASK	If RASTOVE=1

What fuel does the separate built-in cooktop use? Was it…

    1 Electricity
    2 Natural gas from underground pipes
    3 Propane (bottled gas)
    21 Some other fuel

NEXT	RATYPERFR				
Derived		**Show Card**		**CARI**	

RASTOVEFUELSPEC (Changed from 2009)				*RASTOVEFUELSPEC*	
ASK	If RASTOVEFUEL=21				

What is this other fuel?

    Open response

NEXT					
Derived		**Show Card**		**CARI**	

RAOVENFUEL (Changed from 2009)				*RAOVENFUEL*	
ASK	If RAOVEN=1				

What fuel does the separate oven use? Was it…

    1 Electricity
    2 Natural gas from underground pipes
    3 Propane (bottled gas)
    21 Some other fuel

NEXT	RATYPERFR				
Derived		**Show Card**		**CARI**	

RAOVENFUELSPEC (Changed from 2009)				*RAOVENFUELSPEC*	
ASK	If RAOVENFUEL=21				

What is this other fuel?

    Open response

NEXT					
Derived		**Show Card**		**CARI**	

RATYPERFR (Changed from 2009)				*RATYPERFR*	
ASK	All respondents				

Which of the following best describes the refrigerator in unit ^RAUNIT? If [If RAUNIT = EMPTY] this housing unit [If RAUNIT ≠ EMPTY] unit ^RAUNIT has more than one refrigerator, please consider the main refrigerator.

    1 Full-size with one door,
    2 Full-size with two doors, freezer next to the refrigerator,
    3 Full-size with two doors, freezer above the refrigerator,
    4 Full-size with two doors, freezer below the refrigerator,
    5 Full-size with three or more doors,

6 Half-size or compact, or					
7 Some other kind					

NEXT	RAAGERFRI				
Derived		**Show Card**		**CARI**	

RAAGERFRI (Changed from 2009)					*RAAGERFRI*
ASK	All respondents				

Approximately how old is the refrigerator? Your best estimate is fine.

    1 Less than 2 years old
    2 2 to 4 years old
    3 5 to 9 years old
    4 10 to 14 years old
    5 15 to 19 years old
    6 20 years or older
    7 As old as the home (IF VOLUNTEERED)

NEXT	RACOMMENTAPP				
Derived		**Show Card**		**CARI**	

RACOMMENTAPP					*RACOMMENTAPP*
ASK	All respondents				

INTERVIEWER: RECORD ANY INFORMATION HERE ABOUT THE LARGE KITCHEN APPLIANCES IN THE UNIT THAT MIGHT PROVIDE CLARIFICATION TO THE RESPONDENT'S ANSWERS. IF THERE ARE NONE, PRESS "ENTER" TO CONTINUE.

    Open response

NEXT	If RAFUELHEAT ≠ 0: RAFUELHEATPAY; Else RAFUELH2OPAY				
Derived		**Show Card**		**CARI**	

RAFUELHEATPAY (Changed from 2009)					*RAFUELHEATPAY*
ASK	If RAFUELHEAT ≠ 0				

Is the ^RAFUELHEAT used for heating in [If RAUNIT = EMPTY] this housing unit [If RAUNIT ≠ EMPTY] unit ^RAUNIT paid for by the tenant, included in the rent or condominium fee, or paid some other way?

    1 Tenant
    2 Included in the rent
    3 Some other way

NEXT	RAFUELH2OPAY				
Derived		**Show Card**		**CARI**	

RAFUELH2OPAY (Changed from 2009)				*RAFUELH2OPAY*	
ASK	All respondents				

Is the ^RAFUELH2O used for water heating paid for by the tenant, included in the rent or condominium fee, or paid some other way?
 	
    1 Tenant
    2 Included in the rent
    3 Some other way					

NEXT	If RAAIRCOND = 1: RAAIRCONDPAY; Else RALIGHTPAY				
Derived		**Show Card**		**CARI**	

RACOOLPAY (Changed from 2009)				*RACOOLPAY*	
ASK	If RAAIRCOND = 1				

Is the electricity used for air-conditioning paid for by the tenant, included in the rent or condominium fee, or paid some other way?
 	
    1 Tenant
    2 Included in the rent
    3 Some other way					

NEXT	RALIGHTPAY				
Derived		**Show Card**		**CARI**	

RALIGHTPAY (Changed from 2009)				*RALIGHTPAY*	
ASK	All respondents				

Is the electricity used for lighting in this home paid for by the tenant, included in the rent or condominium fee, or paid some other way?
 	
    1 Tenant
    2 Included in the rent
    3 Some other way					

NEXT	RACOMMENTPAY				
Derived		**Show Card**		**CARI**	

RACOMMENTPAY		*RACOMMENTPAY*
ASK	All respondents	
INTERVIEWER: RECORD ANY INFORMATION HERE ABOUT HOW THE BILLS ARE PAID IN THE UNIT THAT MIGHT PROVIDE CLARIFICATION TO THE RESPONDENT'S ANSWERS. IF THERE ARE NONE, PRESS "ENTER" TO CONTINUE. Open response		

NEXT	End Survey				
Derived		**Show Card**		**CARI**	