2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
DOEID	Unique identifier for each respondent	00001 - 12083 Unique identifier for each respondent
REGIONC	Census Region	1 Northeast Census Region 2 Midwest Census Region 3 South Census Region 4 West Census Region
DIVISION	Census Division	1 New England Census Division (CT, MA, ME, NH, RI, VT) 2 Middle Atlantic Census Division (NJ, NY, PA) 3 East North Central Census Division (IL, IN, MI, OH, WI) 4 West North Central Census Division (IA, KS, MN, MO, ND, NE, SD) 5 South Atlantic Census Division (DC, DE, FL, GA, MD, NC, SC, VA, WV) 6 East South Central Census Division (AL, KY, MS, TN) 7 West South Central Census Division (AR, LA, OK, TX) 8 Mountain North Sub-Division (CO, ID, MT, UT, WY) 9 Mountain South Sub-Division (AZ, NM, NV) 10 Pacific Census Division (AK, CA, HI, OR, WA)

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		1 Connecticut, Maine, New Hampshire, Rhode Island, Vermont
		2 Massachusetts
		3 New York
		4 New Jersey
		5 Pennsylvania
		6 Illinois
		7 Indiana, Ohio
		8 Michigan
		9 Wisconsin
		10 Iowa, Minnesota, North Dakota, South Dakota
		11 Kansas, Nebraska
		12 Missouri
		13 Virginia
		14 Delaware, District of Columbia, Maryland, West Virginia
		15 Georgia
		16 North Carolina, South Carolina
		17 Florida
		18 Alabama, Kentucky, Mississippi
		19 Tennessee
		20 Arkansas, Louisiana, Oklahoma
		21 Texas
		22 Colorado
		23 Idaho, Montana, Utah, Wyoming
		24 Arizona
		25 Nevada, New Mexico
		26 California
REPORTABLE_DOMAIN	Reportable states and groups of states	27 Alaska, Hawaii, Oregon, Washington
		1 Mobile Home
		2 Single-Family Detached
		3 Single-Family Attached
		4 Apartment in Building with 2 - 4 Units
TYPEHUQ	Type of housing unit	5 Apartment in Building with 5+ Units
NWEIGHT	Final sample weight	Final sample weight

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
Climate_Region_Pub	Building America Climate Region (collapsed for public file)	1 Very Cold/Cold 2 Hot-Dry/Mixed-Dry 3 Hot-Humid 4 Mixed-Humid 5 Marine
AIA_Zone	AIA Climate Zone, based on average temperatures from 1971 - 2000	1 Less than 2,000 CDD and greater than 7,000 HDD 2 Less than 2,000 CDD and 5,500 - 7,000 HDD 3 Less than 2,000 CDD and 4,000 - 5,499 HDD 4 Less than 2,000 CDD and less than 4,000 HDD 5 2,000 CDD or more and less than 4,000 HDD
METROMICRO	Housing unit in Census Metropolitan Statistical Area or Micropolitan Statistical Area	METRO Housing unit in Census Metropolitan Statistical Area MICRO Housing unit in Census Micropolitan Statistical Area NONE Housing unit in neither
UR	Housing unit classified as urban or rural by Census	U Urban R Rural
KOWNRENT	Housing unit is owned, rented, or occupied without payment of rent	1 Owned by someone in the household 2 Rented 3 Occupied without payment of rent
CONDCOOP	Housing unit part of condominium or cooperative	1 Condominium 2 Cooperative -2 Not Applicable
YEARMADE	Year housing unit was built	1600 - 2009 Year housing unit was built
YEARMADERANGE	Year range when housing unit was built	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 2004 8 2005 to 2009

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
OCCUPYYRANGE	Year range when household moved in	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 2004 8 2005 to 2009
CONVERSION	Converted 2-4 unit apartment building	1 Built as an apartment building 2 Converted into an apartment building -2 Not Applicable
ORIG1FAM	Converted 2-4 unit apartment building was originally a single-family house	0 No 1 Yes -2 Not Applicable
LOOKLIKE	Converted 2-4 unit apartment building more like single family house or apartment building	1 More like a single-family house 2 More like an apartment building -2 Not Applicable
NUMFLRS	Number of floors in a 5+ unit apartment building	1 - 99 Number of floors -2 Not Applicable
NUMAPTS	Number of apartment units in a 5+ unit apartment building	5 - 995 Number of apartment units -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
WALLTYPE	Major outside wall material	1 Brick 2 Wood 3 Siding (Aluminum, Vinyl, Steel) 4 Stucco 5 Composition (Shingle) 6 Stone 7 Concrete/Concrete Block 8 Glass 9 Other
ROOFTYPE	Major roofing material	1 Ceramic or Clay Tiles 2 Wood Shingles/Shakes 3 Metal 4 Slate or Synthetic Slate 5 Composition Shingles 6 Asphalt 7 Concrete Tiles 8 Other -2 Not Applicable
STUDIO	Studio apartment	0 No 1 Yes -2 Not Applicable
NAPTFLRS	Number of floors in an apartment (Number of levels in housing unit that is an apartment)	1 - 9 Number of floors in apartment -2 Not Applicable
STORIES	Number of stories in a single-family home	10 One story 20 Two stories 31 Three stories 32 Four or more stories 40 Split-level 50 Other type -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
TYPEHUQ4	Addition to a mobile home	0 No 1 Yes -2 Not Applicable
BEDROOMS	Number of bedrooms	0 - 20 Number of bedrooms -2 Not Applicable
NCOMBATH	Number of full bathrooms	0 - 9 Number of full bathrooms
NHAFBATH	Number of half bathrooms	0 - 9 Number of half bathrooms
OTHROOMS	Number of rooms other than bedroom(s) and bathroom(s)	1 - 20 Number of other rooms
TOTROOMS	Total number of rooms in the housing unit	1 - 25 Total number of rooms in the housing unit
CELLAR	Basement in housing unit	0 No 1 Yes -2 Not Applicable
CRAWL	Housing unit over a crawl space	0 No 1 Yes -2 Not Applicable
CONCRETE	Housing unit over a concrete slab	0 No 1 Yes -2 Not Applicable
BASEFIN	Finished basement	0 No 1 Yes -2 Not Applicable
FINBASERMS	Number of finished rooms in the basement	1 - 5 Number of finished basement rooms -2 Not Applicable
BASEHEAT	Heating used in basement	0 No 1 Yes -2 Not Applicable
BASEHT2	All or partial basement heating	1 All 2 Partial -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
PCTBSTHT	Portion of the basement which is heated	1 Very Little (1-4%) 2 Some (5-33%) 3 About Half (34-66%) 4 About Three-Quarters (67-95%) 5 Most of It (96 - 99%) -2 Not Applicable
BASECOOL	Cooling used in basement	0 No 1 Yes -2 Not Applicable
BASECL2	All or partial basement cooling	1 All 2 Partial -2 Not Applicable
PCTBSTCL	Portion of the basement which is cooled	1 Very Little (1-4%) 2 Some (5-33%) 3 About Half (34-66%) 4 About Three-Quarters (67-95%) 5 Most of It (96 - 99%) -2 Not Applicable
BASEUSE	Portion of basement exclusively used by housing unit in apartment building with 2-4 units	0 None 1 All 2 Part -2 Not Applicable
ATTIC	Attic in housing unit	0 No 1 Yes -2 Not Applicable
ATTICFIN	Finished attic	0 No 1 Yes -2 Not Applicable
FINATTRMS	Number of finished rooms in the attic	1 - 5 Number of Finished Attic Rooms -2 Not Applicable
ATTCHEAT	Heating used in attic	0 No 1 Yes -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ATTCHT2	All or partial attic heating	1 All 2 Partial -2 Not Applicable
PCTATTHT	Portion of the attic which is heated	1 Very Little (1-4%) 2 Some (5-33%) 3 About Half (34-66%) 4 About Three-Quarters (67-95%) 5 Most of It (96 - 99%) -2 Not Applicable
ATTCCOOL	Cooling used in attic	0 No 1 Yes -2 Not Applicable
ATTCCL2	All or partial attic cooling	1 All 2 Partial -2 Not Applicable
PCTATTCL	Portion of the attic which is cooled	1 Very Little (1-4%) 2 Some (5-33%) 3 About Half (34-66%) 4 About Three-Quarters (67-95%) 5 Most of It (96 - 99%) -2 Not Applicable
ATTICUSE	Portion of attic exclusively used by housing unit in apartment building with 2-4 units	0 None 1 All 2 Part -2 Not Applicable
PRKGPLC1	Attached garage	0 No 1 Yes -2 Not Applicable
SIZEOFGARAGE	Size of attached garage	1 One-car garage 2 Two-car garage 3 Three-or-more-car garage -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
GARGLOC	Location of attached garage	1 Attached to the basement 2 Attached to the first floor 3 Attached to some other floor -2 Not Applicable
GARGHEAT	Heating used in attached garage	0 No 1 Yes -2 Not Applicable
GARGCOOL	Cooling used in attached garage	0 No 1 Yes -2 Not Applicable
PRKGPLC2	Detached garage or carport	0 No 1 Yes -2 Not Applicable
SIZEOFDETACH	Size of detached garage or carport	1 One-car garage 2 Two-car garage 3 Three-or-more-car garage 4 Carport -2 Not Applicable
OUTLET	Outlet within 20 feet of vehicle parking	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know
ZKOWNRENT	Imputation flag for KOWNRENT	0 Not Imputed 1 Imputed
ZCONDCOOP	Imputation flag for CONDCOOP	0 Not Imputed 1 Imputed
ZYEARMADE	Imputation flag for YEARMADE	0 Not Imputed 1 Imputed
ZYEARMADERANGE	Imputation flag for YEARMADERANGE	0 Not Imputed 1 Imputed
ZOCCUPYYRANGE	Imputation flag for OCCUPYYRANGE	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZCONVERSION	Imputation flag for CONVERSION	0 Not Imputed 1 Imputed
ZORIG1FAM	Imputation flag for ORIG1FAM	0 Not Imputed 1 Imputed
ZLOOKLIKE	Imputation flag for LOOKLIKE	0 Not Imputed 1 Imputed
ZNUMFLRS	Imputation flag for NUMFLRS	0 Not Imputed 1 Imputed
ZNUMAPTS	Imputation flag for NUMAPTS	0 Not Imputed 1 Imputed
ZWALLTYPE	Imputation flag for WALLTYPE	0 Not Imputed 1 Imputed
ZROOFTYPE	Imputation flag for ROOFTYPE	0 Not Imputed 1 Imputed
ZSTUDIO	Imputation flag for STUDIO	0 Not Imputed 1 Imputed
ZNAPTFLRS	Imputation flag for NAPTFLRS	0 Not Imputed 1 Imputed
ZSTORIES	Imputation flag for STORIES	0 Not Imputed 1 Imputed
ZTYPEHUQ4	Imputation flag for TYPEHUQ4	0 Not Imputed 1 Imputed
ZBEDROOMS	Imputation flag for BEDROOMS	0 Not Imputed 1 Imputed
ZNCOMBATH	Imputation flag for NCOMBATH	0 Not Imputed 1 Imputed
ZNHAFBATH	Imputation flag for NHAFBATH	0 Not Imputed 1 Imputed
ZOTHROOMS	Imputation flag for OTHROOMS	0 Not Imputed 1 Imputed
ZCELLAR	Imputation flag for CELLAR	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZCRAWL	Imputation flag for CRAWL	0 Not Imputed 1 Imputed
ZCONCRETE	Imputation flag for CONCRETE	0 Not Imputed 1 Imputed
ZBASEFIN	Imputation flag for BASEFIN	0 Not Imputed 1 Imputed
ZFINBASERMS	Imputation flag for FINBASERMS	0 Not Imputed 1 Imputed
ZBASEHEAT	Imputation flag for BASEHEAT	0 Not Imputed 1 Imputed
ZBASEHT2	Imputation flag for BASEHT2	0 Not Imputed 1 Imputed
ZPCTBSTHT	Imputation flag for PCTBSTHT	0 Not Imputed 1 Imputed
ZBASECOOL	Imputation flag for BASECOOL	0 Not Imputed 1 Imputed
ZBASECL2	Imputation flag for BASECL2	0 Not Imputed 1 Imputed
ZPCTBSTCL	Imputation flag for PCTBSTCL	0 Not Imputed 1 Imputed
ZBASEUSE	Imputation flag for BASEUSE	0 Not Imputed 1 Imputed
ZATTIC	Imputation flag for ATTIC	0 Not Imputed 1 Imputed
ZATTICFIN	Imputation flag for ATTICFIN	0 Not Imputed 1 Imputed
ZFINATTRMS	Imputation flag for FINATTRMS	0 Not Imputed 1 Imputed
ZATTCHEAT	Imputation flag for ATTCHEAT	0 Not Imputed 1 Imputed
ZATTCHT2	Imputation flag for ATTCHT2	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZPCTATTHT	Imputation flag for PCTATTHT	0 Not Imputed 1 Imputed
ZATTCCOOL	Imputation flag for ATTCCOOL	0 Not Imputed 1 Imputed
ZPCTATTCL	Imputation flag for PCTATTCL	0 Not Imputed 1 Imputed
ZATTCCL2	Imputation flag for ATTCCL2	0 Not Imputed 1 Imputed
ZATTICUSE	Imputation flag for ATTICUSE	0 Not Imputed 1 Imputed
ZPRKGPLC1	Imputation flag for PRKGPLC1	0 Not Imputed 1 Imputed
ZSIZEOFGARAGE	Imputation flag for SIZEOFGARAGE	0 Not Imputed 1 Imputed
ZGARGLOC	Imputation flag for GARGLOC	0 Not Imputed 1 Imputed
ZGARGHEAT	Imputation flag for GARGHEAT	0 Not Imputed 1 Imputed
ZGARGCOOL	Imputation flag for GARGCOOL	0 Not Imputed 1 Imputed
ZPRKGPLC2	Imputation flag for PRKGPLC2	0 Not Imputed 1 Imputed
ZSIZEOFDETACH	Imputation flag for SIZEOFDETACH	0 Not Imputed 1 Imputed
STOVEN	Number of stoves (one appliance with cooktop and an oven)	0 - 10 Number of stoves
STOVENFUEL	Fuel used by most-used stove	1 Natural Gas 2 Propane/LPG 5 Electricity 21 Other Fuel -2 Not Applicable
STOVE	Number of separate cooktops	0 - 10 Number of separate cooktops

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
STOVEFUEL	Fuel used by most-used separate cooktop	1 Natural Gas 2 Propane/LPG 5 Electricity 21 Other Fuel -2 Not Applicable
OVEN	Number of separate ovens	0 - 10 Number of separate ovens
OVENFUEL	Fuel used by separate oven	1 Natural Gas 2 Propane/LPG 5 Electricity 21 Other Fuel -2 Not Applicable
OVENUSE	Frequency of oven use	0 Not used (if volunteered) 1 Three or more times a day 2 Two times a day 3 Once a day 4 A few times a week 5 About once a week 6 Less than once a week -2 Not Applicable
OVENCLN	Self-cleaning oven	0 No 1 Yes -2 Not Applicable
TYPECLN	Continuous or manual cleaning cycle for most-used oven	1 Cleans continuously 2 Manually start the cleaning cycle -2 Not Applicable
MICRO	Microwave oven used	0 No 1 Yes
AMTMICRO	Microwave usage	1 Used to cook or reheat most meals and snacks 2 Used to cook or reheat about half of meals and snacks 3 Used to cook or reheat a few meals and snacks 4 Used very little -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
DEFROST	Microwave used for defrosting	0 No 1 Yes -2 Not Applicable
OUTGRILL	Outdoor grill used	0 No 1 Yes
OUTGRILLFUEL	Fuel used by outdoor grill	1 Natural Gas 2 Propane/LPG 21 Other Fuel -2 Not Applicable
TOPGRILL	Built-in indoor grill used	0 No 1 Yes
STGRILA	Fuel used by built-in indoor grill	1 Natural Gas 2 Propane/LPG 5 Electricity 21 Other Fuel -2 Not Applicable
TOASTER	Toaster used	0 No 1 Yes
NUMMEAL	Frequency hot meals are cooked	0 Ne ver cooks (if volunteered) 1 Three or more times a day 2 Two times a day 3 Once a day 4 A few times a week 5 About once a week 6 Less than once a week
FUELFOOD	Most-used cooking fuel	1 Natural Gas 2 Propane/LPG 5 Electricity 21 Other Fuel -2 Not Applicable
COFFEE	Coffee maker used	0 No 1 Yes
NUMFRIG	Number of refrigerators used	0 - 10 Number of refrigerators used

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
TYPERFR1	Door arrangement of most-used refrigerator	1 Full-size with one door 3 Half-size or compact 4 Other kind 5 Full-size with three or more doors 21 Full-size with two doors, freezer next to the refrigerator 22 Full-size with two doors, freezer above the refrigerator 23 Full-size with two doors, freezer below the refrigerator -2 Not Applicable
SIZRFRI1	Size of most-used refrigerator	1 Half-size or compact 2 Small (14 cubic feet or less) 3 Medium (15 to 18 cubic feet) 4 Large (19 to 22 cubic feet) 5 Very Large (more than 22 cubic feet) -2 Not Applicable
REFRIGT1	Defrosting type of most-used refrigerator	1 Manual 2 Frost-free 3 No working freezer section (if volunteered) -2 Not Applicable
ICE	Through-the-door ice and water on most-used refrigerator	0 No 1 Yes -2 Not Applicable
AGERFRI1	Age of most-used refrigerator	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 years or older -2 Not Applicable
ESFRIG	Energy Star most-used refrigerator	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
REPLCFRI	Most-used refrigerator replaced by this household in the last 4 years	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know
HELPFRI	Assistance for replacing most-used refrigerator	0 Did not receive any assistance 1 Manfacturer or retailer rebate 2 Utility or energy supplier rebate 3 Tax credit 4 Subsidized loan 5 Weatherization assistance -2 Not Applicable -8 Refuse -9 Don't Know
HELPFRIY	Year of assistance for most-used refrigerator	1 2006 2 2007 3 2008 4 2009 5 2010 6 Prior to 2006 -2 Not Applicable -8 Refuse -9 Don't Know
TYPERFR2	Door arrangement of second most-used refrigerator	1 Full-size with one door 3 Half-size or compact 4 Other kind 5 Full-size with three or more doors 21 Full-size with two doors, freezer next to the refrigerator 22 Full-size with two doors, freezer above the refrigerator 23 Full-size with two doors, freezer below the refrigerator -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
SIZRFRI2	Size of second most-used refrigerator	1 Half-size or compact 2 Small (14 cubic feet or less) 3 Medium (15 to 18 cubic feet) 4 Large (19 to 22 cubic feet) 5 Very Large (more than 22 cubic feet) -2 Not Applicable
REFRIGT2	Defrosting type of second most-used refrigerator	1 Manual 2 Frost-free 3 No working freezer section (if volunteered) -2 Not Applicable
MONRFRI2	Number of months second most-used refrigerator used in 2009	0 - 12 Number of months second refrigerator used -2 Not Applicable
AGERFRI2	Age of second most-used refrigerator	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 years or older -2 Not Applicable
ESFRIG2	Energy Star second most-used refrigerator	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know
TYPERFR3	Door arrangements of third most-used refrigerator	1 Full-size with one door 3 Half-size or compact 4 Other kind 5 Full-size with three or more doors 21 Full-size with two doors, freezer next to the refrigerator 22 Full-size with two doors, freezer above the refrigerator 23 Full-size with two doors, freezer below the refrigerator -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
SIZRFRI3	Size of third most-used refrigerator	1 Half-size or compact 2 Small (14 cubic feet or less) 3 Medium (15 to 18 cubic feet) 4 Large (19 to 22 cubic feet) 5 Very Large (more than 22 cubic feet) -2 Not Applicable
REFRIGT3	Defrosting type of third most-used refrigerator	1 Manual 2 Frost-free 3 No working freezer section (if volunteered) -2 Not Applicable
MONRFRI3	Number of months third most-used refrigerator used in 2009	0 - 12 Number of months third refrigerator used -2 Not Applicable
AGERFRI3	Age of third most-used refrigerator	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 years or older -2 Not Applicable
ESFRIG3	Energy Star third most-used refrigerator	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know
SEPFREEZ	Separate freezer used	0 No 1 Yes
NUMFREEZ	Number of separate freezers used	1 One 2 Two 3 Three -2 Not Applicable
UPRTFRZR	Type of most-used freezer	1 Upright 2 Chest -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
SIZFREEZ	Size of most-used freezer	1 Small (14 cubic feet or less)
		2 Medium (15 to 18 cubic feet)
		3 Large (19 to 22 cubic feet)
		4 Very Large (more than 22 cubic feet)
		-2 Not Applicable
FREEZER	Defrosting type for most-used freezer	1 Manual
		2 Frost-free
		-2 Not Applicable
AGEFRZR	Age of most-used freezer	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 years or older
		-2 Not Applicable
REPLCFRZ	Most-used freezer replaced by this household in the last 4 years	0 No
		1 Yes
		-2 Not Applicable
		-8 Refuse
		-9 Don't Know
HELPFRZ	Assistance for replacing most-used freezer	0 Did not receive any assistance
		1 Manfacturer or retailer rebate
		2 Utility or energy supplier rebate
		3 Tax credit
		4 Subsidized loan
		-2 Not Applicable
		-8 Refuse
		-9 Don't Know

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
HELPFRZY	Year of assistance for most-used freezer	1 2006 2 2007 3 2008 4 2009 5 Prior to 2006 -2 Not Applicable -8 Refuse -9 Don't Know
UPRTFRZR2	Type of second most-used freezer	1 Upright 2 Chest -2 Not Applicable
SIZFREEZ2	Size of second most-used freezer	1 Small (14 cubic feet or less) 2 Medium (15 to 18 cubic feet) 3 Large (19 to 22 cubic feet) 4 Very Large (more than 22 cubic feet) -2 Not Applicable
FREEZER2	Defrosting type for second most-used freezer	1 Manual 2 Frost-free -2 Not Applicable
AGEFRZR2	Age of second most-used freezer	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 years or older -2 Not Applicable
DISHWASH	Dishwasher used	0 No 1 Yes

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
DWASHUSE	Frequency dishwasher used	11 Less than once a week 12 Once each week 13 2 or 3 times a week 20 4 to 6 times a week 30 At least once each day -2 Not Applicable
AGEDW	Age of dishwasher	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 years or older -2 Not Applicable
ESDISHW	Energy Star dishwasher	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know
REPLCDW	Dishwasher replaced by this household in the last 4 years	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know
HELPDW	Assistance for replacing dishwasher	0 Did not receive any assistance 1 Manfacturer or retailer rebate 2 Utility or energy supplier rebate 3 Tax credit 4 Subsidized loan -2 Not Applicable -8 Refuse -9 Don't Know

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
HELPDWY	Year of assistance for dishwasher	1 2006 2 2007 3 2008 4 2009 5 2010 6 Prior to 2006 -2 Not Applicable -8 Refuse -9 Don't Know
ZSTOVEN	Imputation flag for STOVEN	0 Not Imputed 1 Imputed
ZSTOVENFUEL	Imputation flag for STOVENFUEL	0 Not Imputed 1 Imputed
ZSTOVE	Imputation flag for STOVE	0 Not Imputed 1 Imputed
ZSTOVEFUEL	Imputation flag for STOVEFUEL	0 Not Imputed 1 Imputed
ZOVEN	Imputation flag for OVEN	0 Not Imputed 1 Imputed
ZOVENFUEL	Imputation flag for OVENFUEL	0 Not Imputed 1 Imputed
ZOVENUSE	Imputation flag for OVENUSE	0 Not Imputed 1 Imputed
ZOVENCLN	Imputation flag for OVENCLN	0 Not Imputed 1 Imputed
ZTYPECLN	Imputation flag for TYPECLN	0 Not Imputed 1 Imputed
ZMICRO	Imputation flag for MICRO	0 Not Imputed 1 Imputed
ZAMTMICRO	Imputation flag for AMTMICRO	0 Not Imputed 1 Imputed
ZDEFROST	Imputation flag for DEFROST	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZOUTGRILL	Imputation flag for OUTGRILL	0 Not Imputed 1 Imputed
ZOUTGRILLFUEL	Imputation flag for OUTGRILL	0 Not Imputed 1 Imputed
ZTOPGRILL	Imputation flag for TOPGRILL	0 Not Imputed 1 Imputed
ZSTGRILA	Imputation flag for STGRILA	0 Not Imputed 1 Imputed
ZTOASTER	Imputation flag for TOASTER	0 Not Imputed 1 Imputed
ZNUMMEAL	Imputation flag for NUMMEAL	0 Not Imputed 1 Imputed
ZFUELFOOD	Imputation flag for FUELFOOD	0 Not Imputed 1 Imputed
ZCOFFEE	Imputation flag for COFFEE	0 Not Imputed 1 Imputed
ZNUMFRIG	Imputation flag for NUMFRIG	0 Not Imputed 1 Imputed
ZTYPERFR1	Imputation flag for TYPERFR1	0 Not Imputed 1 Imputed
ZSIZRFRI1	Imputation flag for SIZRFRI1	0 Not Imputed 1 Imputed
ZREFRIGT1	Imputation flag for REFRIGT1	0 Not Imputed 1 Imputed
ZICE	Imputation flag for ICE	0 Not Imputed 1 Imputed
ZAGERFRI1	Imputation flag for AGERFRI1	0 Not Imputed 1 Imputed
ZTYPERFR2	Imputation flag for TYPERFR2	0 Not Imputed 1 Imputed
ZSIZRFRI2	Imputation flag for SIZRFRI2	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZREFRIGT2	Imputation flag for REFRIGT2	0 Not Imputed 1 Imputed
ZMONRFRI2	Imputation flag for MONRFRI2	0 Not Imputed 1 Imputed
ZAGERFRI2	Imputation flag for AGERFRI2	0 Not Imputed 1 Imputed
ZTYPERFR3	Imputation flag for TYPERFR3	0 Not Imputed 1 Imputed
ZSIZRFRI3	Imputation flag for SIZRFRI3	0 Not Imputed 1 Imputed
ZREFRIGT3	Imputation flag for REFRIGT3	0 Not Imputed 1 Imputed
ZMONRFRI3	Imputation flag for MONRFRI3	0 Not Imputed 1 Imputed
ZAGERFRI3	Imputation flag for AGERFRI3	0 Not Imputed 1 Imputed
ZSEPFREEZ	Imputation flag for SEPFREEZ	0 Not Imputed 1 Imputed
ZNUMFREEZ	Imputation flag for NUMFREEZ	0 Not Imputed 1 Imputed
ZUPRTFRZR	Imputation flag for UPRTFRZR	0 Not Imputed 1 Imputed
ZSIZFREEZ	Imputation flag for SIZFREEZ	0 Not Imputed 1 Imputed
ZFREEZER	Imputation flag for FREEZER	0 Not Imputed 1 Imputed
ZAGEFRZR	Imputation flag for AGEFRZR	0 Not Imputed 1 Imputed
ZUPRTFRZR2	Imputation flag for UPRTFRZR2	0 Not Imputed 1 Imputed
ZSIZFREEZ2	Imputation flag for SIZFREEZ2	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZFREEZER2	Imputation flag for FREEZER2	0 Not Imputed 1 Imputed
ZAGEFRZR2	Imputation flag for AGEFRZR2	0 Not Imputed 1 Imputed
ZDISHWASH	Imputation flag for DISHWASH	0 Not Imputed 1 Imputed
ZDWASHUSE	Imputation flag for DWASHUSE	0 Not Imputed 1 Imputed
ZAGEDW	Imputation flag for AGEDW	0 Not Imputed 1 Imputed
CWASHER	Clothes washer used in home	0 No 1 Yes
TOPFRONT	Top or front loading clothes washer used in home	1 Top loading 2 Front loading -2 Not Applicable
WASHLOAD	Frequency clothes washer used	1 1 load or less each week 2 2 to 4 loads each week 3 5 to 9 loads each week 4 10 to 15 loads each week 5 More than 15 loads each week -2 Not Applicable
WASHTEMP	Water temperature used for clothes washer wash cycle	1 Hot 2 Warm 3 Cold -2 Not Applicable
RNSETEMP	Water temperature used for clothes washer rinse cycle	1 Hot 2 Warm 3 Cold -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
AGECWASH	Age of clothes washer	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 years or older -2 Not Applicable
ESCWASH	Energy Star clothes washer	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know
REPLCCW	Clothes washer replaced by this household in the last 4 years	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know
HELPCW	Assistance for replacing clothes washer	0 Did not receive any assistance 1 Manfacturer or retailer rebate 2 Utility or energy supplier rebate 3 Tax credit 4 Subsidized loan -2 Not Applicable -8 Refuse -9 Don't Know

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
HELPCWY	Year of assistance for the clothes washer	1 2006 2 2007 3 2008 4 2009 5 2010 6 Prior to 2006 -2 Not Applicable -8 Refuse -9 Don't Know
DRYER	Clothes dryer used in home	0 No 1 Yes
DRYRFUEL	Fuel used by clothes dryer	1 Natural Gas 2 Propane/LPG 5 Electricity -2 Not Applicable
DRYRUSE	Frequency clothes dryer used	1 Use it every time you wash clothes 2 Use it for some, but not all, loads of wash 3 Use it infrequently -2 Not Applicable
AGECDRYER	Age of clothes dryer	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 years or older -2 Not Applicable
TVCOLOR	Number of televisions used	0 - 15 Number of televisions used
TVSIZE1	Size of most-used TV	1 20 inches or less 2 Between 21 and 26 inches 3 37 inches or more -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
TVTYPE1	Display type of most-used TV	1 Standard Tube 2 LCD 3 Plasma 4 Projection 5 LED -2 Not Applicable
CABLESAT1	Cable box or satellite box connected to the most-used TV	0 Neither 1 Cable Box 2 Satellite Box -2 Not Applicable
COMBODVR1	DVR built into the cable box or satellite box connected to the most-used TV	0 No 1 Yes -2 Not Applicable
DVR1	Separate DVR connected to the most-used TV	0 No 1 Yes -2 Not Applicable
DIGITSTB1	Digital converter box connected to the most-used TV	0 No 1 Yes -2 Not Applicable
PLAYSTA1	Video game console connected to the most-used TV	0 No 1 Yes -2 Not Applicable
COMBOVCRDVD1	Combo VCR/DVD connected to the most-used TV	0 No 1 Yes -2 Not Applicable
VCR1	VCR connected to the most-used TV	0 No 1 Yes -2 Not Applicable
DVD1	DVD player connected to the most-used TV	0 No 1 Yes -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
TVAUDIOSYS1	Home theater system connected to the most-used TV	0 No 1 Yes -2 Not Applicable
OTHERSTB1	Other set-top box connected to the most-used TV	0 No 1 Yes -2 Not Applicable
TVONWD1	Most-used TV usage on weekdays	1 Less than 1 hour 2 1 to 3 hours 3 3 to 6 hours 4 6 to 10 hours 5 More than 10 hours -2 Not Applicable
TVONWDWATCH1	Most-used TV weekday usage spent playing video games	0 None 1 All 2 Most 3 Half 4 Little -2 Not Applicable
TVONWE1	Most-used TV usage on weekends	1 Less than 1 hour 2 1 to 3 hours 3 3 to 6 hours 4 6 to 10 hours 5 More than 10 hours -2 Not Applicable
TVONWEWATCH1	Most-used TV weekend usage spent playing video games	0 None 1 All 2 Most 3 Half 4 Little -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
TVSIZE2	Size of second most-used TV	1 20 inches or less 2 Between 21 and 26 inches 3 37 inches or more -2 Not Applicable
TVTYPE2	Display type of second most-used TV	1 Standard Tube 2 LCD 3 Plasma 4 Projection 5 LED -2 Not Applicable
CABLESAT2	Cable box or satellite box connected to the second most-used TV	0 Neither 1 Cable Box 2 Satellite Box -2 Not Applicable
COMBODVR2	DVR built into the cable box or satellite box connected to the second most-used TV	0 No 1 Yes -2 Not Applicable
DVR2	Separate DVR connected to the second most-used TV	0 No 1 Yes -2 Not Applicable
DIGITSTB2	Digital converter box connected to the second most-used TV	0 No 1 Yes -2 Not Applicable
PLAYSTA2	Video game console connected to the second most-used TV	0 No 1 Yes -2 Not Applicable
COMBOVCRDVD2	Combo VCR/DVD connected to the second most-used TV	0 No 1 Yes -2 Not Applicable
VCR2	VCR connected to the second most-used TV	0 No 1 Yes -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
DVD2	DVD player connected to the second most-used TV	0 No 1 Yes -2 Not Applicable
TVAUDIOSYS2	Home theater system connected to the second most-used TV	0 No 1 Yes -2 Not Applicable
OTHERSTB2	Other set-top box connected to the second most-used TV	0 No 1 Yes -2 Not Applicable
TVONWD2	Second most-used TV usage on weekdays	1 Less than 1 hour 2 1 to 3 hours 3 3 to 6 hours 4 6 to 10 hours 5 More than 10 hours -2 Not Applicable
TVONWDWATCH2	Second most-used TV weekday usage spent playing video games	0 None 1 All 2 Most 3 Half 4 Little -2 Not Applicable
TVONWE2	Second most-used TV usage on weekends	1 Less than 1 hour 2 1 to 3 hours 3 3 to 6 hours 4 6 to 10 hours 5 More than 10 hours -2 Not Applicable
TVONWEWATCH2	Second most-used TV weekend usage spent playing video games	0 None 1 All 2 Most 3 Half 4 Little -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
TVSIZE3	Size of third most-used TV size	1 20 inches or less 2 Between 21 and 26 inches 3 37 inches or more -2 Not Applicable
TVTYPE3	Display type of third most-used TV	1 Standard Tube 2 LCD 3 Plasma 4 Projection 5 LED -2 Not Applicable
CABLESAT3	Cable box or satellite box connected to the third most-used TV	0 Neither 1 Cable Box 2 Satellite Box -2 Not Applicable
COMBODVR3	DVR built into the cable box or satellite box connected to the third most-used TV	0 No 1 Yes -2 Not Applicable
DVR3	Separate DVR connected to the third most-used TV	0 No 1 Yes -2 Not Applicable
DIGITSTB3	Digital converter box connected to the third most-used TV	0 No 1 Yes -2 Not Applicable
PLAYSTA3	Video game console connected to the third most-used TV	0 No 1 Yes -2 Not Applicable
COMBOVCRDVD3	Combo VCR/DVD connected to the third most-used TV	0 No 1 Yes -2 Not Applicable
VCR3	VCR connected to the third most-used TV	0 No 1 Yes -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
DVD3	DVD player connected to the third most-used TV	0 No 1 Yes -2 Not Applicable
TVAUDIOSYS3	Home theater system connected to the third most-used TV	0 No 1 Yes -2 Not Applicable
OTHERSTB3	Other set-top box connected to the third most-used TV	0 No 1 Yes -2 Not Applicable
TVONWD3	Third most-used TV usage on weekdays	1 Less than 1 hour 2 1 to 3 hours 3 3 to 6 hours 4 6 to 10 hours 5 More than 10 hours -2 Not Applicable
TVONWDWATCH3	Third most-used TV weekday usage spent playing video games	0 None 1 All 2 Most 3 Half 4 Little -2 Not Applicable
TVONWE3	Third most-used TV usage on weekends	1 Less than 1 hour 2 1 to 3 hours 3 3 to 6 hours 4 6 to 10 hours 5 More than 10 hours -2 Not Applicable
TVONWEWATCH3	Third most-used TV weekend usage spent playing video games	0 None 1 All 2 Most 3 Half 4 Little -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
COMPUTER	Computer used at home	0 No 1 Yes
NUMPC	Number of computers used	0 - 15 Number of computers used
PCTYPE1	Most-used computer - desktop or laptop	1 Desktop 2 Laptop -2 Not Applicable
MONITOR1	Monitor type of most-used computer	0 Standard Monitor 1 Flat-Panel LCD Monitor -2 Not Applicable
TIMEON1	Daily usage of most-used computer	1 Less than 1 hour 2 1 to 3 hours 3 3 to 6 hours 4 6 to 10 hours 5 More than 10 hours -2 Not Applicable
PCONOFF1	Turn off most-used computer when not in use	0 No 1 Yes -2 Not Applicable
PCSLEEP1	Sleep or standby mode for most-used computer when not in use	0 No 1 Yes -2 Not Applicable
PCTYPE2	Second most-used computer - desktop or laptop	1 Desktop 2 Laptop -2 Not Applicable
MONITOR2	Monitor type of second most-used computer	0 Standard Monitor 1 Flat-Panel LCD Monitor -2 Not Applicable
TIMEON2	Daily usage of second most-used computer	1 Less than 1 hour 2 1 to 3 hours 3 3 to 6 hours 4 6 to 10 hours 5 More than 10 hours -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
PCONOFF2	Turn off second most-used computer when not in use	0 No 1 Yes -2 Not Applicable
PCSLEEP2	Sleep or standby mode for second most-used computer when not in use	0 No 1 Yes -2 Not Applicable
PCTYPE3	Third most-used computer - desktop or laptop	1 Desktop 2 Laptop -2 Not Applicable
MONITOR3	Monitor type of third most-used computer	0 Standard Monitor 1 Flat-Panel LCD Monitor -2 Not Applicable
TIMEON3	Daily usage of third most-used computer	1 Less than 1 hour 2 1 to 3 hours 3 3 to 6 hours 4 6 to 10 hours 5 More than 10 hours -2 Not Applicable
PCONOFF3	Turn off third most-used computer when not in use	0 No 1 Yes -2 Not Applicable
PCSLEEP3	Sleep or standby mode for third most-used computer when not in use	0 No 1 Yes -2 Not Applicable
INTERNET	Internet access at home	0 No 1 Yes -2 Not Applicable
INDIALUP	Dial-up internet access	0 No 1 Yes -2 Not Applicable
INDSL	DSL or Fiber Optic internet access	0 No 1 Yes -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
INCABLE	Cable internet access	0 No 1 Yes -2 Not Applicable
INSATEL	Satellite internet access	0 No 1 Yes -2 Not Applicable
INWIRELESS	Wireless internet in home	0 No 1 Yes -2 Not Applicable
PCPRINT	Number of printers used	0 - 9 Number of printers used -2 Not Applicable
FAX	Separate fax machine used	0 No 1 Yes
COPIER	Separate copy machine used	0 No 1 Yes
WELLPUMP	Well water pump used	0 No 1 Yes -2 Not Applicable
DIPSTICK	Automotive block or engine heater or battery blanket used	0 No 1 Yes -2 Not Applicable
SWAMPCOL	Evaporative cooler used	0 No 1 Yes -2 Not Applicable
AQUARIUM	Large heated aquarium used	0 No 1 Yes
STEREO	Stereo equipment used	0 No 1 Yes
NOCORD	Cordless telephone used	0 No 1 Yes
ANSMACH	Answering machine used	0 No 1 Yes

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
BATTOOLS	Number of rechargeable tools and appliances used	0 0 1 1 to 3 2 4 to 8 3 More than 8
BATCHRG	Charging patterns for rechargeable tools and appliances	1 Keep them plugged in all the time 2 Recharge them as needed 3 Both ways are used -2 Not Applicable
CHRGPLGT	Chargers for rechargeable tools and appliances left plugged into wall	0 No 1 Yes 2 Some but not all -2 Not Applicable
ELECDEV	Number of rechargeable electronic devices used	0 0 1 1 to 3 2 4 to 8 3 More than 8
ELECCHRG	Charging patterns for rechargeable electronic devices	1 Keep them plugged in all the time 2 Recharge them as needed 3 Both ways are used -2 Not Applicable
CHRGPLGE	Chargers for rechargeable electronic devices left plugged into wall	0 No 1 Yes 2 Some but not all -2 Not Applicable
ZCWASHER	Imputation flag for CWASHER	0 Not Imputed 1 Imputed
ZTOPFRONT	Imputation flag for TOPFRONT	0 Not Imputed 1 Imputed
ZWASHLOAD	Imputation flag for WASHLOAD	0 Not Imputed 1 Imputed
ZWASHTEMP	Imputation flag for WASHTEMP	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZRNSETEMP	Imputation flag for RNSETEMP	0 Not Imputed 1 Imputed
ZAGECWASH	Imputation flag for AGECWASH	0 Not Imputed 1 Imputed
ZDRYER	Imputation flag for DRYER	0 Not Imputed 1 Imputed
ZDRYRFUEL	Imputation flag for DRYRFUEL	0 Not Imputed 1 Imputed
ZDRYRUSE	Imputation flag for DRYRUSE	0 Not Imputed 1 Imputed
ZAGECDRYER	Imputation flag for AGECDRYER	0 Not Imputed 1 Imputed
ZTVCOLOR	Imputation flag for TVCOLOR	0 Not Imputed 1 Imputed
ZTVSIZE1	Imputation flag for TVSIZE1	0 Not Imputed 1 Imputed
ZTVTYPE1	Imputation flag for TVTYPE1	0 Not Imputed 1 Imputed
ZCABLESAT1	Imputation flag for CABLESAT1	0 Not Imputed 1 Imputed
ZCOMBODVR1	Imputation flag for COMBODVR1	0 Not Imputed 1 Imputed
ZDVR1	Imputation flag for DVR1	0 Not Imputed 1 Imputed
ZDIGITSTB1	Imputation flag for DIGITSTB1	0 Not Imputed 1 Imputed
ZPLAYSTA1	Imputation flag for PLAYSTA1	0 Not Imputed 1 Imputed
ZCOMBOVCRDVD1	Imputation flag for COMBOVCRDVD1	0 Not Imputed 1 Imputed
ZVCR1	Imputation flag for VCR1	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZDVD1	Imputation flag for DVD1	0 Not Imputed 1 Imputed
ZTVAUDIOSYS1	Imputation flag for TVAUDIOSYS1	0 Not Imputed 1 Imputed
ZOTHERSTB1	Imputation flag for OTHERSTB1	0 Not Imputed 1 Imputed
ZTVONWD1	Imputation flag for TVONWD1	0 Not Imputed 1 Imputed
ZTVONWDWATCH1	Imputation flag for TVONWDWATCH1	0 Not Imputed 1 Imputed
ZTVONWE1	Imputation flag for TVONWE1	0 Not Imputed 1 Imputed
ZTVONWEWATCH1	Imputation flag for TVONWEWATCH1	0 Not Imputed 1 Imputed
ZTVSIZE2	Imputation flag for TVSIZE2	0 Not Imputed 1 Imputed
ZTVTYPE2	Imputation flag for TVTYPE2	0 Not Imputed 1 Imputed
ZCABLESAT2	Imputation flag for CABLESAT2	0 Not Imputed 1 Imputed
ZCOMBODVR2	Imputation flag for COMBODVR2	0 Not Imputed 1 Imputed
ZDVR2	Imputation flag for DVR2	0 Not Imputed 1 Imputed
ZDIGITSTB2	Imputation flag for DIGITSTB2	0 Not Imputed 1 Imputed
ZPLAYSTA2	Imputation flag for PLAYSTA2	0 Not Imputed 1 Imputed
ZCOMBOVCRDVD2	Imputation flag for COMBOVCRDVD2	0 Not Imputed 1 Imputed
ZVCR2	Imputation flag for VCR2	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZDVD2	Imputation flag for DVD2	0 Not Imputed 1 Imputed
ZTVAUDIOSYS2	Imputation flag for TVAUDIOSYS2	0 Not Imputed 1 Imputed
ZOTHERSTB2	Imputation flag for OTHERSTB2	0 Not Imputed 1 Imputed
ZTVONWD2	Imputation flag for TVONWD2	0 Not Imputed 1 Imputed
ZTVONWDWATCH2	Imputation flag for TVONWDWATCH2	0 Not Imputed 1 Imputed
ZTVONWE2	Imputation flag for TVONWE2	0 Not Imputed 1 Imputed
ZTVONWEWATCH2	Imputation flag for TVONWEWATCH2	0 Not Imputed 1 Imputed
ZTVSIZE3	Imputation flag for TVSIZE3	0 Not Imputed 1 Imputed
ZTVTYPE3	Imputation flag for TVTYPE3	0 Not Imputed 1 Imputed
ZCABLESAT3	Imputation flag for CABLESAT3	0 Not Imputed 1 Imputed
ZCOMBODVR3	Imputation flag for COMBODVR3	0 Not Imputed 1 Imputed
ZDVR3	Imputation flag for DVR3	0 Not Imputed 1 Imputed
ZDIGITSTB3	Imputation flag for DIGITSTB3	0 Not Imputed 1 Imputed
ZPLAYSTA3	Imputation flag for PLAYSTA3	0 Not Imputed 1 Imputed
ZCOMBOVCRDVD3	Imputation flag for COMBOVCRDVD3	0 Not Imputed 1 Imputed
ZVCR3	Imputation flag for VCR3	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZDVD3	Imputation flag for DVD3	0 Not Imputed 1 Imputed
ZTVAUDIOSYS3	Imputation flag for TVAUDIOSYS3	0 Not Imputed 1 Imputed
ZOTHERSTB3	Imputation flag for OTHERSTB3	0 Not Imputed 1 Imputed
ZTVONWD3	Imputation flag for TVONWD3	0 Not Imputed 1 Imputed
ZTVONWDWATCH3	Imputation flag for TVONWDWATCH3	0 Not Imputed 1 Imputed
ZTVONWE3	Imputation flag for TVONWE3	0 Not Imputed 1 Imputed
ZTVONWEWATCH3	Imputation flag for TVONWEWATCH3	0 Not Imputed 1 Imputed
ZCOMPUTER	Imputation flag for COMPUTER	0 Not Imputed 1 Imputed
ZNUMPC	Imputation flag for NUMPC	0 Not Imputed 1 Imputed
ZPCTYPE1	Imputation flag for PCTYPE1	0 Not Imputed 1 Imputed
ZMONITOR1	Imputation flag for MONITOR1	0 Not Imputed 1 Imputed
ZTIMEON1	Imputation flag for TIMEON1	0 Not Imputed 1 Imputed
ZPCONOFF1	Imputation flag for PCONOFF1	0 Not Imputed 1 Imputed
ZPCSLEEP1	Imputation flag for PCSLEEP1	0 Not Imputed 1 Imputed
ZPCTYPE2	Imputation flag for PCTYPE2	0 Not Imputed 1 Imputed
ZMONITOR2	Imputation flag for MONITOR2	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZTIMEON2	Imputation flag for TIMEON2	0 Not Imputed 1 Imputed
ZPCONOFF2	Imputation flag for PCONOFF2	0 Not Imputed 1 Imputed
ZPCSLEEP2	Imputation flag for PCSLEEP2	0 Not Imputed 1 Imputed
ZPCTYPE3	Imputation flag for PCTYPE3	0 Not Imputed 1 Imputed
ZMONITOR3	Imputation flag for MONITOR3	0 Not Imputed 1 Imputed
ZTIMEON3	Imputation flag for TIMEON3	0 Not Imputed 1 Imputed
ZPCONOFF3	Imputation flag for PCONOFF3	0 Not Imputed 1 Imputed
ZPCSLEEP3	Imputation flag for PCSLEEP3	0 Not Imputed 1 Imputed
ZINTERNET	Imputation flag for INTERNET	0 Not Imputed 1 Imputed
ZINDIALUP	Imputation flag for INDIALUP	0 Not Imputed 1 Imputed
ZINDSL	Imputation flag for INDSL	0 Not Imputed 1 Imputed
ZINCABLE	Imputation flag for INCABLE	0 Not Imputed 1 Imputed
ZINSATEL	Imputation flag for INSATEL	0 Not Imputed 1 Imputed
ZINWIRELESS	Imputation flag for INWIRELESS	0 Not Imputed 1 Imputed
ZPCPRINT	Imputation flag for PCPRINT	0 Not Imputed 1 Imputed
ZFAX	Imputation flag for FAX	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZCOPIER	Imputation flag for COPIER	0 Not Imputed 1 Imputed
ZWELLPUMP	Imputation flag for WELLPUMP	0 Not Imputed 1 Imputed
ZDIPSTICK	Imputation flag for DIPSTICK	0 Not Imputed 1 Imputed
ZSWAMPCOL	Imputation flag for SWAMPCOL	0 Not Imputed 1 Imputed
ZAQUARIUM	Imputation flag for AQUARIUM	0 Not Imputed 1 Imputed
ZSTEREO	Imputation flag for STEREO	0 Not Imputed 1 Imputed
ZNOCORD	Imputation flag for NOCORD	0 Not Imputed 1 Imputed
ZANSMACH	Imputation flag for ANSMACH	0 Not Imputed 1 Imputed
ZBATTOOLS	Imputation flag for BATTOOLS	0 Not Imputed 1 Imputed
ZBATCHRG	Imputation flag for BATCHRG	0 Not Imputed 1 Imputed
ZCHRGPLGT	Imputation flag for CHRGPLGT	0 Not Imputed 1 Imputed
ZELECDEV	Imputation flag for ELECDEV	0 Not Imputed 1 Imputed
ZELECCHRG	Imputation flag for ELECCHRG	0 Not Imputed 1 Imputed
ZCHRGPLGE	Imputation flag for CHRGPLGE	0 Not Imputed 1 Imputed
HEATHOME	Space heating equipment used	0 No 1 Yes
DNTHEAT	No space heating equipment, or unused space heating equipment	1 Have equipment but don't use it 2 Don't have any heating equipment -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		2 Steam or Hot Water System
		3 Central Warm-Air Furnace
		4 Heat Pump
		5 Built-In Electric Units
		6 Floor or Wall Pipeless Furnace
		7 Built-In Room Heater
		8 Heating Stove
		9 Fireplace
		10 Portable Electric Heaters
		11 Portable Kerosene Heaters
		12 Cooking Stove
		21 Other Equipment
EQUIPNOHEAT	Unused space heating equipment type	-2 Not Applicable
		1 Natural Gas
		2 Propane/LPG
		3 Fuel Oil
		4 Kerosene
		5 Electricity
		7 Wood
		8 Solar
		9 District Steam
		21 Other Fuel
FUELNOHEAT	Fuel for unused space heating equipment	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		2 Steam or Hot Water System
		3 Central Warm-Air Furnace
		4 Heat Pump
		5 Built-In Electric Units
		6 Floor or Wall Pipeless Furnace
		7 Built-In Room Heater
		8 Heating Stove
		9 Fireplace
		10 Portable Electric Heaters
		11 Portable Kerosene Heaters
		12 Cooking Stove
		21 Other Equipment
EQUIPM	Type of main space heating equpiment used	-2 Not Applicable
		1 Natural Gas
		2 Propane/LPG
		3 Fuel Oil
		4 Kerosene
		5 Electricity
		7 Wood
		8 Solar
		9 District Steam
		21 Other Fuel
FUELHEAT	Main space heating fuel	-2 Not Applicable
		0 No
	Routine service or maintenance performed	1 Yes
MAINTHT	on main space heating equipment	-2 Not Applicable
		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 years or older
EQUIPAGE	Age of main space heating equipment	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
REPLCHT	Main space heating equipment replaced by this household in the last 4 years	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know
HELPHT	Assistance for replacing or maintaining main space heating equipment	0 Did not receive any assistance 1 Manfacturer or retailer rebate 2 Utility or energy supplier rebate 3 Tax credit 4 Subsidized loan 5 Weatherization assistance -2 Not Applicable -8 Refuse -9 Don't Know
HELPHTY	Year of assistance for main space heating equipment	1 2006 2 2007 3 2008 4 2009 5 2010 6 Prior to 2006 -2 Not Applicable -8 Refuse -9 Don't Know
HEATOTH	Main space heating equipment heats other homes, business, or farm	0 No 1 Yes -2 Not Applicable
EQUIPAUX	Secondary space heating equipment used	0 No 1 Yes -2 Not Applicable
REVERSE	Heat pump used for secondary space heating	0 No 1 Yes -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
WARMAIR	Central warm-air furnace used for secondary space heating	0 No 1 Yes -2 Not Applicable
FURNFUEL	Fuel used by warm-air furnace for secondary space heating	1 Natural Gas 2 Propane/LPG 3 Fuel Oil 4 Kerosene 5 Electricity 7 Wood 8 Solar 9 District Steam 21 Other Fuel -2 Not Applicable
STEAMR	Hot water system used for secondary space heating	0 No 1 Yes -2 Not Applicable
RADFUEL	Fuel used by hot water system for secondary space heating	1 Natural Gas 2 Propane/LPG 3 Fuel Oil 4 Kerosene 5 Electricity 7 Wood 8 Solar 9 District Steam 21 Other Fuel -2 Not Applicable
PERMELEC	Built-in electric units used for secondary space heating	0 No 1 Yes -2 Not Applicable
PIPELESS	Pipeless furnace used for secondary space heating	0 No 1 Yes -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
PIPEFUEL	Fuel used by pipeless furnace for secondary space heating	1 Natural Gas 2 Propane/LPG 3 Fuel Oil 4 Kerosene 5 Electricity 7 Wood 8 Solar 9 District Steam 21 Other Fuel -2 Not Applicable
ROOMHEAT	Built-in room heaters used for secondary space hearing	0 No 1 Yes -2 Not Applicable
RMHTFUEL	Fuel used by built-in electric units for secondary space heating	1 Natural Gas 2 Propane/LPG 3 Fuel Oil 4 Kerosene -2 Not Applicable
WOODKILN	Heating stove used for secondary space heating	0 No 1 Yes -2 Not Applicable
HSFUEL	Fuel used by heating stove for secondary space heating	7 Wood 21 Other Fuel -2 Not Applicable
CARRYEL	Portable electric heaters used for secondary space heating	0 No 1 Yes -2 Not Applicable
CARRYKER	Portable kerosene heaters used for secondary space heating	0 No 1 Yes -2 Not Applicable
CHIMNEY	Fireplace used for secondary space heating	0 No 1 Yes -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
FPFUEL	Fuel used by fireplace for secondary space heating	1 Natural Gas 2 Propane/LPG 7 Wood 21 Other Fuel -2 Not Applicable
NGFPFLUE	Flue on gas fireplace	1 Flue to the outside 2 Flueless -2 Not Applicable
USENGFP	Frequency gas fireplace used	1 Most days 2 About once a week 3 Fewer than 4 times each month -2 Not Applicable
RANGE	Cooking stove used for secondary space heating	0 No 1 Yes -2 Not Applicable
RNGFUEL	Fuel used by cooking stove for secondary space heating	1 Natural Gas 2 Propane/LPG 3 Fuel Oil 4 Kerosene 5 Electricity 7 Wood 21 Other Fuel -2 Not Applicable
DIFEQUIP	Other equipment used for secondary space heating	0 No 1 Yes -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
DIFFUEL	Fuel used by other secondary space heating equipment	1 Natural Gas 2 Propane/LPG 3 Fuel Oil 4 Kerosene 5 Electricity 7 Wood 8 Solar 9 District Steam 21 Other Fuel -2 Not Applicable
EQMAMT	Portion of space heating provided by main space heating equipment (for homes with main and secondary heating only)	1 Almost all 2 About three-fourths 3 Closer to half -2 Not Applicable
HEATROOM	Number of rooms heated	1 - 25 Number of rooms heated -2 Not Applicable
THERMAIN	Thermostat(s) for heating equipment	0 No 1 Yes -2 Not Applicable
NUMTHERM	Number of thermostats	1 - 5 Number of thermostats -2 Not Applicable
PROTHERM	Programmable main thermostat	0 No 1 Yes -2 Not Applicable
AUTOHEATNITE	Programmable thermostat lowers temperature at night	0 No 1 Yes -2 Not Applicable
AUTOHEATDAY	Programmable thermostat lowers temperature during the day	0 No 1 Yes -2 Not Applicable
TEMPHOME	Temperature when someone is home during the day (winter)	40 - 96 Temperature when someone is home during the day (winter) -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
TEMPGONE	Temperature when no on is home during the day (winter)	40 - 96 Temperature when no one is home during the day (winter) -2 Not Applicable
TEMPNITE	Temperature at night (winter)	40 - 96 Temperature at night (winter) -2 Not Applicable
MOISTURE	Humidifier used	0 No 1 Yes
USEMOISTURE	Number of months humidifier used in 2009	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 -2 Not Applicable
ZHEATHOME	Imputation flag for HEATHOME	0 Not Imputed 1 Imputed
ZDNTHEAT	Imputation flag for DNTHEAT	0 Not Imputed 1 Imputed
ZEQUIPNOHEAT	Imputation flag for EQUIPNOHEAT	0 Not Imputed 1 Imputed
ZFUELNOHEAT	Imputation flag for FUELNOHEAT	0 Not Imputed 1 Imputed
ZEQUIPM	Imputation flag for EQUIPM	0 Not Imputed 1 Imputed
ZFUELHEAT	Imputation flag for FUELHEAT	0 Not Imputed 1 Imputed
ZMAINTHT	Imputation flag for MAINTHT	0 Not Imputed 1 Imputed
ZEQUIPAGE	Imputation flag for EQUIPAGE	0 Not Imputed 1 Imputed
ZHEATOTH	Imputation flag for HEATOTH	0 Not Imputed 1 Imputed
ZFURNFUEL	Imputation flag for FURNFUEL	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZRADFUEL	Imputation flag for RADFUEL	0 Not Imputed 1 Imputed
ZPIPEFUEL	Imputation flag for PIPEFUEL	0 Not Imputed 1 Imputed
ZRMHTFUEL	Imputation flag for RMHTFUEL	0 Not Imputed 1 Imputed
ZHSFUEL	Imputation flag for HSFUEL	0 Not Imputed 1 Imputed
ZFPFUEL	Imputation flag for FPFUEL	0 Not Imputed 1 Imputed
ZNGFPFLUE	Imputation flag for NGFPFLUE	0 Not Imputed 1 Imputed
ZUSENGFP	Imputation flag for USENGFP	0 Not Imputed 1 Imputed
ZRNGFUEL	Imputation flag for RNGFUEL	0 Not Imputed 1 Imputed
ZDIFFUEL	Imputation flag for DIFFUEL	0 Not Imputed 1 Imputed
ZEQMAMT	Imputation flag for EQMAMT	0 Not Imputed 1 Imputed
ZHEATROOM	Imputation flag for HEATROOM	0 Not Imputed 1 Imputed
ZTHERMAIN	Imputation flag for THERMAIN	0 Not Imputed 1 Imputed
ZNUMTHERM	Imputation flag for NUMTHERM	0 Not Imputed 1 Imputed
ZPROTHERM	Imputation flag for PROTHERM	0 Not Imputed 1 Imputed
ZAUTOHEATNITE	Imputation flag for AUTOHEATNITE	0 Not Imputed 1 Imputed
ZAUTOHEATDAY	Imputation flag for AUTOHEATDAY	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZTEMPHOME	Imputation flag for TEMPHOME	0 Not Imputed 1 Imputed
ZTEMPGONE	Imputation flag for TEMPGONE	0 Not Imputed 1 Imputed
ZTEMPNITE	Imputation flag for TEMPNITE	0 Not Imputed 1 Imputed
ZMOISTURE	Imputation flag for MOISTURE	0 Not Imputed 1 Imputed
ZUSEMOISTURE	Imputation flag for USEMOISTURE	0 Not Imputed 1 Imputed
NUMH2ONOTNK	Number of tankless water heaters	0 - 9 Number of Tankless Water Heaters
NUMH2OHTRS	Number of storage water heaters	0 - 9 Number of Storage Water Heaters
H2OTYPE1	Type of main water heater	1 Storage water heater 2 Tankless water heater -2 Not Applicable
FUELH2O	Fuel used by main water heater	1 Natural Gas 2 Propane/LPG 3 Fuel Oil 4 Kerosene 5 Electricity 7 Wood 8 Solar 21 Other Fuel -2 Not Applicable
WHEATOTH	Main water heater is used by more than one housing unit	0 No 1 Yes -2 Not Applicable
WHEATSIZ	Main water heater size (if storage tank)	1 Small (30 gallons or less) 2 Medium (31 to 49 gallons) 3 Large (50 gallons or more) -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
WHEATAGE	Main water heater age	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 years or older -2 Not Applicable
WHEATBKT	Blanket around the main water heater (if storage tank)	0 No 1 Yes -2 Not Applicable
HELPWH	Assistance for purchasing the water heater blanket	0 Did not receive any assistance 1 Manfacturer or retailer rebate 2 Utility or energy supplier rebate 3 Tax credit 4 Subsidized loan 5 Weatherization assistance -2 Not Applicable -8 Refuse -9 Don't Know
HELPWHY	Year of the assistance for purchasing the water heater blanket	1 2006 2 2007 3 2008 4 2009 5 Prior to 2006 6 2010 -2 Not Applicable -8 Refuse -9 Don't Know
H2OTYPE2	Type of secondary water heater	1 Storage water heater 2 Tankless water heater -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
FUELH2O2	Fuel used by secondary water heater	1 Natural Gas 2 Propane/LPG 3 Fuel Oil 4 Kerosene 5 Electricity 7 Wood 8 Solar 21 Other Fuel -2 Not Applicable
WHEATSIZ2	Secondary water heater size (if storage tank)	1 Small (30 gallons or less) 2 Medium (31 to 49 gallons) 3 Large (50 gallons or more) -2 Not Applicable
WHEATAGE2	Secondary water heater age	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 years or older -2 Not Applicable
ZNUMH2OHTRS	Imputation flag for NUMH2OHTRS	0 Not Imputed 1 Imputed
ZNUMH2ONOTNK	Imputation flag for NUMH2ONOTNK	0 Not Imputed 1 Imputed
ZH2OTYPE1	Imputation flag for H2OTYPE1	0 Not Imputed 1 Imputed
ZFUELH2O	Imputation flag for FUELH2O	0 Not Imputed 1 Imputed
ZWHEATOTH	Imputation flag for WHEATOTH	0 Not Imputed 1 Imputed
ZWHEATSIZ	Imputation flag for WHEATSIZ	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZWHEATAGE	Imputation flag for WHEATAGE	0 Not Imputed 1 Imputed
ZWHEATBKT	Imputation flag for WHEATBKT	0 Not Imputed 1 Imputed
ZH2OTYPE2	Imputation flag for H2OTYPE2	0 Not Imputed 1 Imputed
ZFUELH2O2	Imputation flag for FUELH2O2	0 Not Imputed 1 Imputed
ZWHEATSIZ2	Imputation flag for WHEATSIZ2	0 Not Imputed 1 Imputed
ZWHEATAGE2	Imputation flag for WHEATAGE2	0 Not Imputed 1 Imputed
AIRCOND	Air conditioning equipment used	0 No 1 Yes
DNTAC	No air conditioning equipment, or unused air conditioning equipment	1 Have equipment but don't use it 2 Don't have any air conditioning equipment -2 Not Applicable
COOLTYPENOAC	Type of unused air conditioning equipment	1 Central system 2 Window/wall units 3 Both a central system and window/wall units -2 Not Applicable
COOLTYPE	Type of air conditioning equipment used	1 Central system 2 Window/wall units 3 Both a central system and window/wall units -2 Not Applicable
DUCTS	Ducts for space heating and air conditioning	0 No 1 Yes -2 Not Applicable
CENACHP	Central air conditioner is a heat pump	0 No 1 Yes -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ACOTHERS	Central air conditioner cools other homes, business, or farm	0 No 1 Yes -2 Not Applicable
MAINTAC	Routine service or maintenance performed on central air conditioner	0 No 1 Yes -2 Not Applicable
AGECENAC	Age of central air conditioner	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 years or older -2 Not Applicable
REPLCCAC	Central air conditioner replaced by this household in the last 4 years	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know
HELPCAC	Assistance for maintaining or replacing central air conditioner	0 Did not receive any assistance 1 Manfacturer or retailer rebate 2 Utility or energy supplier rebate 3 Tax credit 4 Subsidized loan 5 Weatherization assistance -2 Not Applicable -8 Refuse -9 Don't Know

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
HELPCACY	Year of assistance for central air conditioner	1 2006 2 2007 3 2008 4 2009 5 Prior to 2006 6 2010 -2 Not Applicable -8 Refuse -9 Don't Know
ACROOMS	Number of rooms cooled	1 - 25 Number of rooms cooled -2 Not Applicable
USECENAC	Frequency central air conditioner used in summer 2009	1 Turned on only a few days or nights when really needed 2 Turned on quite a bit 3 Turned on just about all summer -2 Not Applicable
THERMAINAC	Thermostat for central air conditioner	0 No 1 Yes -2 Not Applicable
PROTHERMAC	Programmable thermostat for central air conditioner	0 No 1 Yes -2 Not Applicable
AUTOCOOLNITE	Programmable thermostat adjusts temperature at night	0 No 1 Yes -2 Not Applicable
AUTOCOOLDAY	Programmable thermostat adjusts temperature during the day	0 No 1 Yes -2 Not Applicable
TEMPHOMEAC	Temperature when someone is home during the day (summer)	40 - 96 Temperature when someone is home during the day (summer) -2 Not Applicable
TEMPGONEAC	Temperature when no on is home during the day (summer)	40 - 96 Temperature when no one is home during the day (summer) -2 Not Applicable
TEMPNITEAC	Temperature at night (summer)	40 - 96 Temperature at night (summer) -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
NUMBERAC	Number of window/wall air conditioning units used	1 - 15 Number of window/wall air conditioning units used -2 Not Applicable
WWACAGE	Age of most-used window/wall air conditioning unit	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 years or older -2 Not Applicable
ESWWAC	Energy Star most-used window/wall air conditioning unit	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know
REPLCWWAC	Most-used window/wall air conditioning unit replaced by this household in the last 4 years	0 No 1 Yes -2 Not Applicable -8 Refuse -9 Don't Know
HELPWWAC	Assistance for most-used window/wall air conditioning unit	0 Did not receive any assistance 1 Manfacturer or retailer rebate 2 Utility or energy supplier rebate 3 Tax credit 4 Subsidized loan 5 Weatherization assistance -2 Not Applicable -8 Refuse -9 Don't Know

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
HELPWWACY	Year of assistance for most-used window/wall air conditioning unit	1 2006 2 2007 3 2008 4 2009 5 Prior to 2006 6 2010 -2 Not Applicable -8 Refuse -9 Don't Know
USEWWAC	Frequency most-used window/wall air conditioning unit used in summer 2009	1 Turned on only a few days or nights when really needed 2 Turned on quite a bit 3 Turned on just about all summer -2 Not Applicable
NUMCFAN	Number of ceiling fans used	0 - 15 Number of ceiling fans used
USECFAN	Frequency most-used ceiling fan used in summer 2009	1 Turned on only a few days or nights when really needed 2 Turned on quite a bit 3 Turned on just about all summer 4 Not used at all -2 Not Applicable
TREESHAD	Housing unit shaded from sun by large trees	0 No 1 Yes
NOTMOIST	Dehumidifier used	0 No 1 Yes
USENOTMOIST	Number of months dehumidifier used in 2009	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 -2 Not Applicable
ZAIRCOND	Imputation flag for AIRCOND	0 Not Imputed 1 Imputed
ZDNTAC	Imputation flag for DNTAC	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZCOOLTYPENOAC	Imputation flag for COOLTYPENOAC	0 Not Imputed 1 Imputed
ZCOOLTYPE	Imputation flag for COOLTYPE	0 Not Imputed 1 Imputed
ZDUCTS	Imputation flag for DUCTS	0 Not Imputed 1 Imputed
ZCENACHP	Imputation flag for CENACHP	0 Not Imputed 1 Imputed
ZACOTHERS	Imputation flag for ACOTHERS	0 Not Imputed 1 Imputed
ZMAINTAC	Imputation flag for MAINTAC	0 Not Imputed 1 Imputed
ZAGECENAC	Imputation flag for AGECENAC	0 Not Imputed 1 Imputed
ZUSECENAC	Imputation flag for USECENAC	0 Not Imputed 1 Imputed
ZACROOMS	Imputation flag for ACROOMS	0 Not Imputed 1 Imputed
ZTHERMAINAC	Imputation flag for THERMAINAC	0 Not Imputed 1 Imputed
ZPROTHERMAC	Imputation flag for PROTHERMAC	0 Not Imputed 1 Imputed
ZAUTOCOOLNITE	Imputation flag for AUTOCOOLNITE	0 Not Imputed 1 Imputed
ZAUTOCOOLDAY	Imputation flag for AUTOCOOLDAY	0 Not Imputed 1 Imputed
ZTEMPHOMEAC	Imputation flag for TEMPHOMEAC	0 Not Imputed 1 Imputed
ZTEMPGONEAC	Imputation flag for TEMPGONEAC	0 Not Imputed 1 Imputed
ZTEMPNITEAC	Imputation flag for TEMPNITEAC	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZNUMBERAC	Imputation flag for NUMBERAC	0 Not Imputed 1 Imputed
ZWWACAGE	Imputation flag for WWACAGE	0 Not Imputed 1 Imputed
ZUSEWWAC	Imputation flag for USEWWAC	0 Not Imputed 1 Imputed
ZNUMCFAN	Imputation flag for NUMCFAN	0 Not Imputed 1 Imputed
ZUSECFAN	Imputation flag for USECFAN	0 Not Imputed 1 Imputed
ZTREESHAD	Imputation flag for TREESHAD	0 Not Imputed 1 Imputed
ZNOTMOIST	Imputation flag for NOTMOIST	0 Not Imputed 1 Imputed
ZUSENOTMOIST	Imputation flag for USENOTMOIST	0 Not Imputed 1 Imputed
HIGHCEIL	High ceilings	0 No 1 Yes -2 Not Applicable
CATHCEIL	Cathedral ceilings	0 No 1 Yes -2 Not Applicable
SWIMPOOL	Swimming pool	0 No 1 Yes -2 Not Applicable
POOL	Heated swimming pool	0 No 1 Yes -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
FUELPOOL	Fuel used for heating swimming pool	1 Natural Gas 2 Propane/LPG 3 Fuel Oil 4 Kerosene 5 Electricity 8 Solar 21 Other Fuel -2 Not Applicable
RECBATH	Hot tub used	0 No 1 Yes
FUELTUB	Fuel used for heating hot tub	1 Natural Gas 2 Propane/LPG 3 Fuel Oil 4 Kerosene 5 Electricity 8 Solar 21 Other Fuel -2 Not Applicable
LGT12	Number of lights turned on 12 or more hours during a typical summer day	Number of lights turned on 12 or more hours during a typical summer 0 - 40 day
LGT12EE	Number of energy-efficient bulbs for lights turned on 12 or more hours during a typical summer day	0 - 40 Number of EE lights on more than 12 hours -2 Not Applicable -8 Refuse -9 Don't Know
LGT4	Number of lights turned on 4 to 12 hours during a typical summer day	0 - 40 Number of lights turned on 4 to 12 hours during a typical summer day
LGT4EE	Number of energy-efficient bulbs for lights turned on 4 to 12 hours during a typical summer day	0 - 40 Number of EE lights on 4 to 12 hours -2 Not Applicable -8 Refuse -9 Don't Know
LGT1	Number of lights turned on 1 to 4 hours during a typical summer day	0 - 40 Number of lights turned on 1 to 4 hours during a typical summer day

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
LGT1EE	Number of energy-efficient bulbs for lights turned on 1 to 4 hours during a typical summer day	0 - 40 Number of EE lights on 1 to 4 hours -2 Not Applicable -8 Refuse -9 Don't Know
NOUTLGTNT	Number of outdoor lights left on all night	0 - 15 Number of outdoor lights left on all night -2 Not Applicable
LGTOEE	Number of energy-efficient bulbs for outdoor lights left on all night	0 - 40 Number of EE outdoor lights on all night -2 Not Applicable -8 Refuse -9 Don't Know
NGASLIGHT	Number of outdoor lights left on all night that use natural gas	0 - 10 Number of outdoor lights left on all night that use natural gas -2 Not Applicable
INSTLCFL	Energy-efficient bulbs installed by this household	0 No 1 Yes -2 Not Applicable
HELPCFL	Assistance for energy-efficient light bulbs	0 Did not receive any assistance 1 Manfacturer or retailer rebate 2 Utility or energy supplier rebate 5 Weatherization assistance -2 Not Applicable -8 Refuse -9 Don't Know
HELPCFLY	Year of assistance for energy-efficient light bulbs	1 2006 2 2007 3 2008 4 2009 5 Prior to 2006 6 2010 -2 Not Applicable -8 Refuse -9 Don't Know
SLDDRS	Sliding glass doors in heated areas	0 No 1 Yes

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
DOOR1SUM	Number of sliding glass doors in heated areas	0 - 10 Number of sliding glass doors
WINDOWS	Number of windows in heated areas	0 None 10 1 or 2 20 3 to 5 30 6 to 9 41 10 to 15 42 16 to 19 50 20 to 29 60 30 or more
TYPEGLASS	Type of glass in most windows	1 Single-pane glass 2 Double-pane glass 3 Triple-pane glass -2 Not Applicable
NEWGLASS	Windows replaced by this household	1 All of the windows 2 Some of the windows 3 None of the windows -2 Not Applicable
HELPWIN	Assistance for window replacement	0 Did not receive any assistance 1 Manfacturer or retailer rebate 2 Utility or energy supplier rebate 3 Tax credit 4 Subsidized loan 5 Weatherization assistance -2 Not Applicable -8 Refuse -9 Don't Know

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
HELPWINY	Year of assistance for window replacement	1 2006 2 2007 3 2008 4 2009 5 Prior to 2006 6 2010 -2 Not Applicable -8 Refuse -9 Don't Know
ADQINSUL	Level of insulation (respondent reported)	1 Well Insulated 2 Adequately Insulated 3 Poorly Insulated 4 No Insulation
INSTLINS	Insulation added by this household	0 No 1 Yes
AGEINS	Year of added insulation	1 In the last 2 years 2 2 to 4 years ago 3 5 to 9 years ago 41 10 to 14 years ago 42 15 to 19 years ago 5 20 years or more -2 Not Applicable
HELPINS	Assistance for added insulation	0 Did not receive any assistance 1 Manfacturer or retailer rebate 2 Utility or energy supplier rebate 3 Tax credit 4 Subsidized loan 5 Weatherization assistance -2 Not Applicable -8 Refuse -9 Don't Know

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
HELPINSY	Year of assistance for added insulation	1 2006 2 2007 3 2008 4 2009 5 Prior to 2006 6 2010 -2 Not Applicable -8 Refuse -9 Don't Know
DRAFTY	Is home too drafty in the winter? (respondent reported)	1 All the time 2 Most of the time 3 Some of the time 4 Never
INSTLWS	Caulking or weather stripping by this household	0 No 1 Yes
AGEWS	Year of caulking or weather stripping	1 In the last 2 years 2 2 to 4 years ago 3 5 to 9 years ago 41 10 to 14 years ago 42 15 to 19 years ago 5 20 years or more -2 Not Applicable
HELPWS	Assistance for caulking or weather stripping	0 Did not receive any assistance 1 Manfacturer or retailer rebate 2 Utility or energy supplier rebate 3 Tax credit 4 Subsidized loan 5 Weatherization assistance -2 Not Applicable -8 Refuse -9 Don't Know

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
HELPWSY	Year of assistance for caulking or weather stripping	1 2006 2 2007 3 2008 4 2009 5 Prior to 2006 6 2010 -2 Not Applicable -8 Refuse -9 Don't Know
AUDIT	Home energy audit	0 No 1 Yes
AGEAUD	Year of home energy audit	1 In the last 2 years 2 2 to 4 years ago 3 5 to 9 years ago 41 10 to 14 years ago 42 15 to 19 years ago 5 20 years or more -2 Not Applicable
HELPAUD	Assistance for home energy audit	0 Did not receive any assistance 2 Utility or energy supplier rebate 3 Tax credit 4 Subsidized loan 5 Weatherization assistance -2 Not Applicable -8 Refuse -9 Don't Know

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
HELPAUDY	Year of assistance for home energy audit	1 2006 2 2007 3 2008 4 2009 5 Prior to 2006 6 2010 -2 Not Applicable -8 Refuse -9 Don't Know
ZHIGHCEIL	Imputation flag for HIGHCEIL	0 Not Imputed 1 Imputed
ZCATHCEIL	Imputation flag for CATHCEIL	0 Not Imputed 1 Imputed
ZSWIMPOOL	Imputation flag for SWIMPOOL	0 Not Imputed 1 Imputed
ZPOOL	Imputation flag for POOL	0 Not Imputed 1 Imputed
ZFUELPOOL	Imputation flag for FUELPOOL	0 Not Imputed 1 Imputed
ZRECBATH	Imputation flag for RECBATH	0 Not Imputed 1 Imputed
ZFUELTUB	Imputation flag for FUELTUB	0 Not Imputed 1 Imputed
ZLGT12	Imputation flag for LGT12	0 Not Imputed 1 Imputed
ZLGT4	Imputation flag for LGT4	0 Not Imputed 1 Imputed
ZLGT1	Imputation flag for LGT1	0 Not Imputed 1 Imputed
ZNOUTLGTNT	Imputation flag for NOUTLGTNT	0 Not Imputed 1 Imputed
ZNGASLIGHT	Imputation flag for NGASLIGHT	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZSLDDRS	Imputation flag for SLDDRS	0 Not Imputed 1 Imputed
ZDOOR1SUM	Imputation flag for DOOR1SUM	0 Not Imputed 1 Imputed
ZWINDOWS	Imputation flag for WINDOWS	0 Not Imputed 1 Imputed
ZTYPEGLASS	Imputation flag for TYPEGLASS	0 Not Imputed 1 Imputed
ZNEWGLASS	Imputation flag for NEWGLASS	0 Not Imputed 1 Imputed
ZADQINSUL	Imputation flag for ADQINSUL	0 Not Imputed 1 Imputed
ZINSTLINS	Imputation flag for INSTLINS	0 Not Imputed 1 Imputed
ZAGEINS	Imputation flag for AGEINS	0 Not Imputed 1 Imputed
ZDRAFTY	Imputation flag for DRAFTY	0 Not Imputed 1 Imputed
ZINSTLWS	Imputation flag for INSTLWS	0 Not Imputed 1 Imputed
ZAGEWS	Imputation flag for AGEWS	0 Not Imputed 1 Imputed
ZAUDIT	Imputation flag for AUDIT	0 Not Imputed 1 Imputed
ZAGEAUD	Imputation flag for AGEAUD	0 Not Imputed 1 Imputed
USEEL	Electricity is used in home	0 No 1 Yes
USENG	Natural gas is used in home	0 No 1 Yes
USELP	Propane is used in home	0 No 1 Yes

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
USEFO	Fuel oil is used in home	0 No 1 Yes
USEKERO	Kerosene is used in home	0 No 1 Yes
USEWOOD	Wood is used in home	0 No 1 Yes
USESOLAR	Solar is used in home	0 No 1 Yes
USEOTH	Other fuel is used in home	0 No 1 Yes
ELWARM	Electricity used for space heating	0 No 1 Yes
ELECAUX	Electricity used for secondary space heating	0 No 1 Yes
ELCOOL	Electricity used for air conditioning	0 No 1 Yes
ELWATER	Electricity used for water heating	0 No 1 Yes
ELFOOD	Electricity used for cooking	0 No 1 Yes
ELOTHER	Electricity used, other than for space heating, water heating, air conditioning, or cooking	0 No 1 Yes
UGWARM	Natural gas used for space heating	0 No 1 Yes
UGASAUX	Natural gas used for secondary space heating	0 No 1 Yes
UGWATER	Natural gas used for water heating	0 No 1 Yes
UGCOOK	Natural gas used for cooking	0 No 1 Yes
UGOTH	Natural gas used, other than for space heating, water heating, or cooking	0 No 1 Yes

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
LPWARM	Propane used for space heating	0 No 1 Yes
LPGAUX	Propane used for secondary space heating	0 No 1 Yes
LPWATER	Propane used for water heating	0 No 1 Yes
LPCOOK	Propane used for cooking	0 No 1 Yes
LPOTHER	Propane used, other than for space heating, water heating, or cooking	0 No 1 Yes
FOWARM	Fuel oil used for space heating	0 No 1 Yes
FOILAUX	Fuel oil used for secondary space heating	0 No 1 Yes
FOWATER	Fuel oil used for water heating	0 No 1 Yes
FOOTHER	Fuel oil used, other than for space heating or water heating	0 No 1 Yes
KRWARM	Kerosene used for space heating	0 No 1 Yes
KEROAUX	Kerosene used for secondary space heating	0 No 1 Yes
KRWATER	Kerosene used for water heating	0 No 1 Yes
KROTHER	Kerosene used, other than for space heating or water heating	0 No 1 Yes
WDWARM	Wood used for space heating	0 No 1 Yes
WOODAUX	Wood used for secondary space heating	0 No 1 Yes
WDWATER	Wood used for water heating	0 No 1 Yes

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
WDOTHUSE	Wood used, other than for space heating or water heating	0 No 1 Yes
SOLWARM	Solar used for space heating	0 No 1 Yes
SOLARAUX	Solar used for secondary space heating	0 No 1 Yes
SOLWATER	Solar used for water heating	0 No 1 Yes
SOLOTHER	Solar used, other than for space heating or water heating	0 No 1 Yes
OTHWARM	Other fuel used for space heating	0 No 1 Yes
OTHERAUX	Other fuel used for secondary space heating	0 No 1 Yes
OTHWATER	Other fuel used for water heating	0 No 1 Yes
OTHCOOK	Other fuel used for cooking	0 No 1 Yes
ONSITE	Renewable on-site system used	0 No 1 Yes
ONSITEGRID	Renewable on-site system connected to the grid	0 No 1 Yes -2 Not Applicable
PELHEAT	Who pays for electricity used for space heating	1 Paid by the household 2 Included in the rent or condominium fee 3 Paid for some other way -2 Not Applicable
PELHOTWA	Who pays for electricity used for water heating	1 Paid by the household 2 Included in the rent or condominium fee 3 Paid for some other way -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
PELCOOK	Who pays for electricity used for cooking	1 Paid by the household 2 Included in the rent or condominium fee 3 Paid for some other way -2 Not Applicable
PELAC	Who pays for electricity used for air conditioning	1 Paid by the household 2 Included in the rent or condominium fee 3 Paid for some other way -2 Not Applicable
PELLIGHT	Who pays for electricity used for lighting and other appliances	1 Paid by the household 2 Included in the rent or condominium fee 3 Paid for some other way -2 Not Applicable
OTHERWAYEL	Follow up for 'other' payment of electricity	1 Relative 2 Rental or condominium agent 3 Paid by some other party -2 Not Applicable
PGASHEAT	Who pays for natural gas for space heating	1 Paid by the household 2 Included in the rent or condominium fee 3 Paid for some other way -2 Not Applicable
PGASHTWA	Who pays for natural gas for water heating	1 Paid by the household 2 Included in the rent or condominium fee 3 Paid for some other way -2 Not Applicable
PUGCOOK	Who pays for natural gas for cooking	1 Paid by the household 2 Included in the rent or condominium fee 3 Paid for some other way -2 Not Applicable
PUGOTH	Who pays for natural gas for other uses	1 Paid by the household 2 Included in the rent or condominium fee 3 Paid for some other way -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
OTHERWAYNG	Follow up for 'other' payment of natural gas	1 Relative 2 Rental or condominium agent 3 Paid by some other party -2 Not Applicable
FOPAY	Who pays for fuel oil	1 Paid by the household 2 Included in the rent or condominium fee 3 Paid for some other way -2 Not Applicable
OTHERWAYFO	Follow up for 'other' payment of fuel oil	1 Relative 2 Rental or condominium agent 3 Paid by some other party -2 Not Applicable
LPGPAY	Who pays for propane	1 Paid by the household 2 Included in the rent or condominium fee 3 Paid for some other way -2 Not Applicable
OTHERWAYLPG	Follow up for 'other' payment of propane	1 Relative 2 Rental or condominium agent 3 Paid by some other party -2 Not Applicable
LPGDELV	Propane delivered	0 No 1 Yes -2 Not Applicable
KERODEL	Kerosene delivered to home	0 No 1 Yes -2 Not Applicable
KEROCASH	Kerosene purchased 'cash and carry'	0 No 1 Yes -2 Not Applicable
NOCRCASH	Number of kerosene 'cash and carry' purchases	1 - 55 Number of kerosene 'cash and carry' purchases -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
NKRGALNC	Gallons per kerosene 'cash and carry' purchase	1 - 76 Gallons per kerosene 'cash and carry' purchase 77 Not Sure -2 Not Applicable
WOODLOGS	Wood logs used	0 No 1 Yes -2 Not Applicable
WDSCRAP	Wood scraps used	0 No 1 Yes -2 Not Applicable
WDPELLET	Wood pellets used	0 No 1 Yes -2 Not Applicable
WDOTHER	Type of wood used other than logs, pellets, or scraps	0 No 1 Yes -2 Not Applicable
WOODAMT	Cords of wood used in 2009	1 Half a cord or less 2 About one cord 3 About two cords 4 Three to five cords 5 More than five cords -2 Not Applicable
NUMCORDS	Cords of wood used in 2009 (if more than 5)	5.00 - 100.00 Cords of wood used in 2009 (if more than 5) -2 Not Applicable
ZONSITE	Imputation flag for ONSITE	0 Not Imputed 1 Imputed
ZONSITEGRID	Imputation flag for ONSITEGRID	0 Not Imputed 1 Imputed
ZPELHEAT	Imputation flag for PELHEAT	0 Not Imputed 1 Imputed
ZPELHOTWA	Imputation flag for PELHOTWA	0 Not Imputed 1 Imputed
ZPELCOOK	Imputation flag for PELCOOK	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZPELAC	Imputation flag for PELAC	0 Not Imputed 1 Imputed
ZPELLIGHT	Imputation flag for PELLIGHT	0 Not Imputed 1 Imputed
ZOTHERWAYEL	Imputation flag for OTHERWAYEL	0 Not Imputed 1 Imputed
ZPGASHEAT	Imputation flag for PGASHEAT	0 Not Imputed 1 Imputed
ZPGASHTWA	Imputation flag for PGASHTWA	0 Not Imputed 1 Imputed
ZPUGCOOK	Imputation flag for PUGCOOK	0 Not Imputed 1 Imputed
ZPUGOTH	Imputation flag for PUGOTH	0 Not Imputed 1 Imputed
ZOTHERWAYNG	Imputation flag for OTHERWAYNG	0 Not Imputed 1 Imputed
ZFOPAY	Imputation flag for FOPAY	0 Not Imputed 1 Imputed
ZOTHERWAYFO	Imputation flag for OTHERWAYFO	0 Not Imputed 1 Imputed
ZLPGPAY	Imputation flag for LPGPAY	0 Not Imputed 1 Imputed
ZOTHERWAYLPG	Imputation flag for OTHERWAYLPG	0 Not Imputed 1 Imputed
ZKERODEL	Imputation flag for KERODEL	0 Not Imputed 1 Imputed
ZKEROCASH	Imputation flag for KEROCASH	0 Not Imputed 1 Imputed
ZNOCRCASH	Imputation flag for NOCRCASH	0 Not Imputed 1 Imputed
ZNKRGALNC	Imputation flag for NKRGALNC	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZWOODLOGS	Imputation flag for WOODLOGS	0 Not Imputed 1 Imputed
ZWDSCRAP	Imputation flag for WDSCRAP	0 Not Imputed 1 Imputed
ZWDPELLET	Imputation flag for WDPELLET	0 Not Imputed 1 Imputed
ZWDOTHER	Imputation flag for WDOTHER	0 Not Imputed 1 Imputed
ZWOODAMT	Imputation flag for WOODAMT	0 Not Imputed 1 Imputed
ZNUMCORDS	Imputation flag for NUMCORDS	0 Not Imputed 1 Imputed
KFUELOT	Household fuel bills include fuel used for non-household purposes	0 No 1 Yes
HHSEX	Sex of householder	1 Female 2 Male
EMPLOYHH	Employment status of householder	0 Not employed/retired 1 Employed full-time 2 Employed part-time
SPOUSE	Householder lives with spouse or partner	0 No 1 Yes
SDESCENT	Householder is Hispanic or Latino	0 No 1 Yes
Householder_Race	Householder's Race	1 White Alone 2 Black or African/American Alone 3 American Indian or Alaska Native Alone 4 Asian Alone 5 Native Hawaiian or Other Pacific Islander Alone 6 Some Other Race Alone 7 2 or More Races Selected

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
EDUCATION	Highest education completed by householder	0 No schooling completed 1 Kindergarten to grade 12 2 High school diploma or GED 3 Some college, no degree 4 Associate's degree 5 Bachelor's degree 6 Master's degree 7 Professional degree 8 Doctorate degree
NHSLDMEM	Number of household members	0 - 15 Number of household members
HHAGE	Age of householder	16 - 95 Age of householder
AGEHHMEMCAT2	Age category of second household member	1 < 5 years old 2 5-9 years old 3 10-14 years old 4 15-19 years old 5 20-24 years old 6 25-29 years old 7 30-34 years old 8 35-39 years old 9 40-44 years old 10 45-49 years old 11 50-54 years old 12 55-59 years old 13 60-64 years old 14 65-69 years old 15 70-74 years old 16 75-79 years old 17 80-84 years old 18 85 or more years old -2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		1 < 5 years old
		2 5-9 years old
		3 10-14 years old
		4 15-19 years old
		5 20-24 years old
		6 25-29 years old
		7 30-34 years old
		8 35-39 years old
		9 40-44 years old
		10 45-49 years old
		11 50-54 years old
		12 55-59 years old
		13 60-64 years old
		14 65-69 years old
		15 70-74 years old
		16 75-79 years old
		17 80-84 years old
		18 85 or more years old
AGEHHMEMCAT3	Age category of third household member	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		1 < 5 years old
		2 5-9 years old
		3 10-14 years old
		4 15-19 years old
		5 20-24 years old
		6 25-29 years old
		7 30-34 years old
		8 35-39 years old
		9 40-44 years old
		10 45-49 years old
		11 50-54 years old
		12 55-59 years old
		13 60-64 years old
		14 65-69 years old
		15 70-74 years old
		16 75-79 years old
		17 80-84 years old
		18 85 or more years old
AGEHHMEMCAT4	Age category of fourth household member	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		1 < 5 years old
		2 5-9 years old
		3 10-14 years old
		4 15-19 years old
		5 20-24 years old
		6 25-29 years old
		7 30-34 years old
		8 35-39 years old
		9 40-44 years old
		10 45-49 years old
		11 50-54 years old
		12 55-59 years old
		13 60-64 years old
		14 65-69 years old
		15 70-74 years old
		16 75-79 years old
		17 80-84 years old
		18 85 or more years old
AGEHHMEMCAT5	Age category of fifth household member	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		1 < 5 years old
		2 5-9 years old
		3 10-14 years old
		4 15-19 years old
		5 20-24 years old
		6 25-29 years old
		7 30-34 years old
		8 35-39 years old
		9 40-44 years old
		10 45-49 years old
		11 50-54 years old
		12 55-59 years old
		13 60-64 years old
		14 65-69 years old
		15 70-74 years old
		16 75-79 years old
		17 80-84 years old
		18 85 or more years old
AGEHHMEMCAT6	Age category of sixth household member	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		1 < 5 years old
		2 5-9 years old
		3 10-14 years old
		4 15-19 years old
		5 20-24 years old
		6 25-29 years old
		7 30-34 years old
		8 35-39 years old
		9 40-44 years old
		10 45-49 years old
		11 50-54 years old
		12 55-59 years old
		13 60-64 years old
		14 65-69 years old
		15 70-74 years old
		16 75-79 years old
		17 80-84 years old
		18 85 or more years old
AGEHHMEMCAT7	Age category of seventh household member	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		1 < 5 years old
		2 5-9 years old
		3 10-14 years old
		4 15-19 years old
		5 20-24 years old
		6 25-29 years old
		7 30-34 years old
		8 35-39 years old
		9 40-44 years old
		10 45-49 years old
		11 50-54 years old
		12 55-59 years old
		13 60-64 years old
		14 65-69 years old
		15 70-74 years old
		16 75-79 years old
		17 80-84 years old
		18 85 or more years old
AGEHHMEMCAT8	Age category of eighth household member	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		1 < 5 years old
		2 5-9 years old
		3 10-14 years old
		4 15-19 years old
		5 20-24 years old
		6 25-29 years old
		7 30-34 years old
		8 35-39 years old
		9 40-44 years old
		10 45-49 years old
		11 50-54 years old
		12 55-59 years old
		13 60-64 years old
		14 65-69 years old
		15 70-74 years old
		16 75-79 years old
		17 80-84 years old
		18 85 or more years old
AGEHHMEMCAT9	Age category of ninth household member	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		1 < 5 years old
		2 5-9 years old
		3 10-14 years old
		4 15-19 years old
		5 20-24 years old
		6 25-29 years old
		7 30-34 years old
		8 35-39 years old
		9 40-44 years old
		10 45-49 years old
		11 50-54 years old
		12 55-59 years old
		13 60-64 years old
		14 65-69 years old
		15 70-74 years old
		16 75-79 years old
		17 80-84 years old
		18 85 or more years old
AGEHHMEMCAT10	Age category of tenth household member	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		1 < 5 years old
		2 5-9 years old
		3 10-14 years old
		4 15-19 years old
		5 20-24 years old
		6 25-29 years old
		7 30-34 years old
		8 35-39 years old
		9 40-44 years old
		10 45-49 years old
		11 50-54 years old
		12 55-59 years old
		13 60-64 years old
		14 65-69 years old
		15 70-74 years old
		16 75-79 years old
		17 80-84 years old
	Age category of eleventh household	18 85 or more years old
AGEHHMEMCAT11	member	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		1 < 5 years old
		2 5-9 years old
		3 10-14 years old
		4 15-19 years old
		5 20-24 years old
		6 25-29 years old
		7 30-34 years old
		8 35-39 years old
		9 40-44 years old
		10 45-49 years old
		11 50-54 years old
		12 55-59 years old
		13 60-64 years old
		14 65-69 years old
		15 70-74 years old
		16 75-79 years old
		17 80-84 years old
		18 85 or more years old
AGEHHMEMCAT12	Age category of twelfth household member	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
		1 < 5 years old
		2 5-9 years old
		3 10-14 years old
		4 15-19 years old
		5 20-24 years old
		6 25-29 years old
		7 30-34 years old
		8 35-39 years old
		9 40-44 years old
		10 45-49 years old
		11 50-54 years old
		12 55-59 years old
		13 60-64 years old
		14 65-69 years old
		15 70-74 years old
		16 75-79 years old
		17 80-84 years old
	Age category of thirteenth household	18 85 or more years old
AGEHHMEMCAT13	member	-2 Not Applicable

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
AGEHHMEMCAT14	Age category of fourteenth household member	1 < 5 years old 2 5-9 years old 3 10-14 years old 4 15-19 years old 5 20-24 years old 6 25-29 years old 7 30-34 years old 8 35-39 years old 9 40-44 years old 10 45-49 years old 11 50-54 years old 12 55-59 years old 13 60-64 years old 14 65-69 years old 15 70-74 years old 16 75-79 years old 17 80-84 years old 18 85 or more years old -2 Not Applicable
HBUSNESS	Home-based business or service	0 No 1 Yes
ATHOME	Household member at home on typical week days	0 No 1 Yes
TELLWORK	Household member(s) telecommutes or teleworks	0 No 1 Yes
TELLDAYS	Number of telecommuting days per month	1 - 31 Number of Telecommuting Days -2 Not Applicable
OTHWORK	Any activities that use an unusual amount of energy	0 No 1 Yes
WORKPAY	Household members received employment income in 2009	0 No 1 Yes
RETIREPY	Household members received retirement income in 2009	0 No 1 Yes

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
SSINCOME	Household members received Supplemental Security income in 2009	0 No 1 Yes
CASHBEN	Household members received welfare payments or cash assistance in 2009	0 No 1 Yes
INVESTMT	Household members received investment income in 2009	0 No 1 Yes
RGLRPAY	Household members received other regular income in 2009	0 No 1 Yes
MONEYPY	2009 gross household income	1 Less than $2,500 2 $2,500 to $4,999 3 $5,000 to $7,499 4 $7,500 to $9,999 5 $10,000 to $14,999 6 $15,000 to $19,999 7 $20,000 to $24,999 8 $25,000 to $29,999 9 $30,000 to $34,999 10 $35,000 to $39,999 11 $40,000 to $44,999 12 $45,000 to $49,999 13 $50,000 to $54,999 14 $55,000 to $59,999 15 $60,000 to $64,999 16 $65,000 to $69,999 17 $70,000 to $74,999 18 $75,000 to $79,999 19 $80,000 to $84,999 20 $85,000 to $89,999 21 $90,000 to $94,999 22 $95,000 to $99,999 23 $100,000 to $119,999 24 $120,000 or More

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
POVERTY100	Household income at or below 100% of poverty line	0 No 1 Yes
POVERTY150	Household income at or below 150% of poverty line	0 No 1 Yes
HUPROJ	Housing unit in public housing authority	0 No 1 Yes -2 Not Applicable
RENTHELP	Lower rent due to Federal, State, or Local housing program	0 No 1 Yes -2 Not Applicable
FOODASST	Household receives food stamps or WIC assistance	0 No 1 Yes
ZHHSEX	Imputation flag for HHSEX	0 Not Imputed 1 Imputed
ZHHAGE	Imputation flag for HHAGE	0 Not Imputed 1 Imputed
ZEMPLOYHH	Imputation flag for EMPLOYHH	0 Not Imputed 1 Imputed
ZSPOUSE	Imputation flag for SPOUSE	0 Not Imputed 1 Imputed
ZSDESCENT	Imputation flag for SDESCENT	0 Not Imputed 1 Imputed
ZHouseholder_Race	Imputation flag for Householder_Race	0 Not Imputed 1 Imputed
ZEDUCATION	Imputation flag for EDUCATION	0 Not Imputed 1 Imputed
ZNHSLDMEM	Imputation flag for NHSLDMEM	0 Not Imputed 1 Imputed
ZAGEHHMEMCAT2	Imputation flag for AGEHHMEMCAT2	0 Not Imputed 1 Imputed
ZAGEHHMEMCAT3	Imputation flag for AGEHHMEMCAT3	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZAGEHHMEMCAT4	Imputation flag for AGEHHMEMCAT4	0 Not Imputed 1 Imputed
ZAGEHHMEMCAT5	Imputation flag for AGEHHMEMCAT5	0 Not Imputed 1 Imputed
ZAGEHHMEMCAT6	Imputation flag for AGEHHMEMCAT6	0 Not Imputed 1 Imputed
ZAGEHHMEMCAT7	Imputation flag for AGEHHMEMCAT7	0 Not Imputed 1 Imputed
ZAGEHHMEMCAT8	Imputation flag for AGEHHMEMCAT8	0 Not Imputed 1 Imputed
ZAGEHHMEMCAT9	Imputation flag for AGEHHMEMCAT9	0 Not Imputed 1 Imputed
ZAGEHHMEMCAT10	Imputation flag for AGEHHMEMCAT10	0 Not Imputed 1 Imputed
ZAGEHHMEMCAT11	Imputation flag for AGEHHMEMCAT11	0 Not Imputed 1 Imputed
ZAGEHHMEMCAT12	Imputation flag for AGEHHMEMCAT12	0 Not Imputed 1 Imputed
ZAGEHHMEMCAT13	Imputation flag for AGEHHMEMCAT13	0 Not Imputed 1 Imputed
ZAGEHHMEMCAT14	Imputation flag for AGEHHMEMCAT14	0 Not Imputed 1 Imputed
ZHBUSNESS	Imputation flag for HBUSNESS	0 Not Imputed 1 Imputed
ZATHOME	Imputation flag for ATHOME	0 Not Imputed 1 Imputed
ZTELLWORK	Imputation flag for TELLWORK	0 Not Imputed 1 Imputed
ZTELLDAYS	Imputation flag for TELLDAYS	0 Not Imputed 1 Imputed
ZOTHWORK	Imputation flag for OTHWORK	0 Not Imputed 1 Imputed

2009 RECS Variable Response Label Codes

Variable Name	Variable Description	Response Codes and Labels
ZWORKPAY	Imputation flag for WORKPAY	0 Not Imputed 1 Imputed
ZRETIREPY	Imputation flag for RETIREPY	0 Not Imputed 1 Imputed
ZSSINCOME	Imputation flag for SSINCOME	0 Not Imputed 1 Imputed
ZCASHBEN	Imputation flag for CASHBEN	0 Not Imputed 1 Imputed
ZINVESTMT	Imputation flag for INVESTMT	0 Not Imputed 1 Imputed
ZRGLRPAY	Imputation flag for RGLRPAY	0 Not Imputed 1 Imputed
ZMONEYPY	Imputation flag for MONEYPY	0 Not Imputed 1 Imputed
ZHUPROJ	Imputation flag for HUPROJ	0 Not Imputed 1 Imputed
ZRENTHELP	Imputation flag for RENTHELP	0 Not Imputed 1 Imputed
ZFOODASST	Imputation flag for FOODASST	0 Not Imputed 1 Imputed