Codebook for the American Housing Survey

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1997 and later

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Introduction

The U.S. Department of Housing and Urban Development's (HUD) Office of Policy Development and Research contracted with Econometrica, Inc., to develop a revised Codebook for the American Housing Survey (AHS).

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How To Use the Codebook

This Codebook focuses on the AHS as it has been conducted since 1997. The Codebook contains several resources to help users locate information on specific variables and learn more about each subject covered in the survey and the Codebook. Variables are divided into 22 sections based on subject matter. The table of contents lists these sections and the page numbers on which they start. A listing of variables by topic is located after this introductory section.

For information on the AHS before 1997, please refer to the other codebooks cited under Additional Resources at the end of this Introduction section. A listing of all variables and the surveys in which they appear can be found in the variable name index, which can be found at http://www.huduser.org/portal/datasets/ahs/AHSVarnames_revised.zip.

Each variable listing contains the following information. The FRENT variable is used as an example:

Variable Name	**FRENT**
Brief description of variable	Frequency of rent payment
Response codings. "B", "D", "R", " . ", and blank are different types of missing value codings in the SAS version of the AHS microdata. In the ASCII version, -6, -7, -8, and -9 are used to identify different types of missing values. Coding practice changed in 2013 in the following way: if a respondent stopped answering the survey prior to a specific question, then R (refused) is used for that variable instead of "blank" (not reported).	1:52 1-52 times per year 53 53 times or more B or -6 Not applicable
This entry describes the question. This long description should be viewed as a reasonably accurate, although not exact, rendering. The long description was created off of the basic questions, filling in text as appropriate. However, this text may change based on the exact questionnaire skip patterns and housing unit circumstances. To determine the exact questions asked, users must refer to the Questionnaire code on the HUD User Web site and manually simulate the application of the instrument for the particular household.	*Long description:* How often is the rent payment for this unit due?
Identification of variable as Character or Numeric in the data set. In most cases, Census treats any variable with 2 or more digits as numeric.	*Type:* Numeric
Lists Edit Flag variable, if applicable. The Edit Flag variable reports if there was an edit or allocation made to the original variable, and what type of change was made for that observation.	*Edit flag variable:* JFRENT

If variable is allocated, which matrix provides information. HUD and Census will provide descriptions of the process and the matrices used in the technical documentation on the Census Web site. Allocations occur to fill in missing values.	*Allocation Matrix:* Matrix E
Whether or not variable is topcoded. "Topcoded" refers to whether or not the extreme outlier values were adjusted to preserve respondent confidentiality. The *Notes* section contains a description of how a variable is topcoded. Beginning in 2001, Census began using the mean of the topcoded cases as the topcoded value.	*Topcoded:* No
Relational table in which variable is located. Relational table refers to the computer file where the raw data reside. In 2001, the information in the househld, toppf, and weight relational tables was combined into one new relational table called newhouse. The *Relational table 1999 and earlier* line is omitted if the variable is new in or after 2001. The *Relational table 2001 and later* line is omitted if the variable was not included in the data after 1999.	*Relational table 1999 and earlier:* houshld *Relational table 2001 and later:* newhouse The Data Structure section below contains a list of all the relational tables.

Unit of observation is what level the data are collected on. This is typically the household or individual level. There are five basic categories for "Unit of Observation": Household / Housing Unit — This variable applies to everyone in the household or the characteristics of the housing unit. Person — This variable applies to an individual in the household. JTW/Person — This variable, on Journey to Work (Commuting), is at the person level. Mover Group/ Person — This variable refers to an item dealing with movement of the household in whole or in part, and also potentially household formation. On rmov the unit of observation is mover group; on the flat file it is person. Home Improvement — This variable refers to upgrades/modifications made to the structure, usually part of the list of potential changes.	*Unit of observation:* HOUSEHOLD
List of survey years and type. N refers to the AHS national survey; MSA refers to the AHS metropolitan survey.	*Present in survey year(s):* 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA
Notes are included to clarify a definition and/or highlight important changes in wording or respondents across years and other facts that may affect the comparability or reliability of the question. Only included if applicable.	*Notes:*

This is an “English translation” of the Census blanking edits to indicate when values are “out of universe” or not present subject to certain conditions.	*Conditions not in universe:* 1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR 2 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR 3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR 4 : [Occupied interview and Owned] AND [Respondent has homeowner’s insurance] ; OR 5 : [Occupied interview and Owned] AND [Respondent does not have homeowner’s insurance] ; OR 6 : [Occupied interview] AND [Occupied without payment]

The Codebook includes more detailed information on the following to help researchers use the data:

- *Weighting:* The introduction to Sample Status, Weights, Interview Status provides guidance on what weights to use for different purposes.

- *Allocation:* To preserve the integrity of the survey data, the Census Bureau allocates, i.e., assigns, values to observations for certain missing variables. The Codebook contains a chapter on allocation variables.

Data Structure and File-Flattening

Relational Data Structure

The “raw state” of the AHS data is a collection of relational tables, each containing data in a different format or layout. The names of the relational tables released from 2001 to the present are shown below, but not every relational table is available for each survey:

HOMIMP	Questions about upgrades and remodeling.
JTW	Journey to work or commuting information (not conducted in all national surveys).
MORTG	Mortgage information.
NEWHOUSE	Household-level information, data recodes, unit characteristics, and weighting information.
OMOV	Information on persons who have left the unit since the last survey; this information is organized by groups of outmovers (in 2013 survey only).

OWNER	Questions just for owners of rental properties.
PERSON	Individual person-level information.
RATIOV	Verification of income to cost when the ratio of income to cost is outside of certain tolerances. (Note: This relational table was present from the 1998 AHS metro sample to the 2005 national sample. This relational table is not present in 1997 or in 2007 but is present in the 2009 and later national surveys.) RATIOV items are asked only of renters where their monthly housing cost divided by income is over certain thresholds. The thresholds are either (1) 35% if other data indicate they receive subsidies (i.e., SUBRNT, PROJ, or VCHER = yes), or (2) 50% if income (i.e., QSAL, ZINCN, or TOTLINC is less than or equal to $15,000).
RMOV	Recent mover information.
REPWGT	Information needed to calculate variances. Contains multiple weights that can be used to generate alternative estimates of a variable for the purpose of calculating variances.
TOPICAL	Information from survey modules dealing with specific topics, for example, use of public transportation or household planning for disasters. These modules are not part of every AHS survey.
TYPEC	Cases that were shown on previous year metro or national public use files (PUFs) but do not appear on the current year PUF.

Prior to 2001, the information in NEWHOUSE is kept in three separate relational tables. They are:

HOUSEHLD	Household-level information (on internal Census Bureau data, this relational table is called “houshld”).
TOPPUF	General unit characteristics and data recodes.
WEIGHT	Weighting information.

The file TYPEC was added in 2011 to allow users to identify and track cases that are not on the current year PUF due to (1) being a prior year Type C, (2) being part of a sample reduction, or (3) belonging to a supplemental sample that was not interviewed in the current year. This relational table only contains cases that would have otherwise been in the sample in the current year if they had not met one of these three conditions (e.g., cases from MSAs that were in the sample in the current interview year).

The relational tables are available in both SAS and ASCII formats. The ASCII versions have the same multifile layout as the SAS versions but differ in the coding of missing values.

Flat Data Structure

Some users of the AHS prefer to use the data in the relational format, while others use a “single file” or “flat file” version similar to the format used in 1995 and earlier. To accommodate these users, a single flat file has been created. Some variables in the relational format had to be flattened for the flat format; they are noted, as applicable.

Conditions Not in Universe

Many users have requested that information on the universes applying to certain variables be included in the Codebook. This is unfortunately a very difficult task because it requires tracking through the exact question flow and then all of the edits imposed by the Census Bureau later.

However, a reasonable approximation is to look at the “blanking edits,” conditions where variables were not in the universe. This is intended to be a “plain English” version. The goal is to have text that says: “Owners are excluded” as opposed to “[(Tenure ne 1)].” The “plain English” version is included with the variable description for many variables.

Notes on Merging Relational Tables

This section describes how to merge tables in the relational structure. The following diagram provides the basic overview of how the different relational tables of the AHS can be merged together after 2001.

As can be seen from the diagram, the “NEWHOUSE” relational table serves as the core relational table that other data are then merged onto. Users should note that multiple variables are needed to merge on certain data, and the variables are not always the same. Users should also note that some of the relational tables are only present in the National or Metro distributions.

The most important variable for merging is the CONTROL variable, which is present in all of the relational tables. This variable is the control code for the housing unit. CONTROL is a 12-digit variable unique to each housing unit in the national survey data. Prior to 2011, in the metropolitan survey data, CONTROL is only unique to a housing unit inside of an SMSA. Therefore, relational tables from the metropolitan surveys must be merged by using SMSA CONTROL in order to correctly match housing units’ characteristics across relational tables.

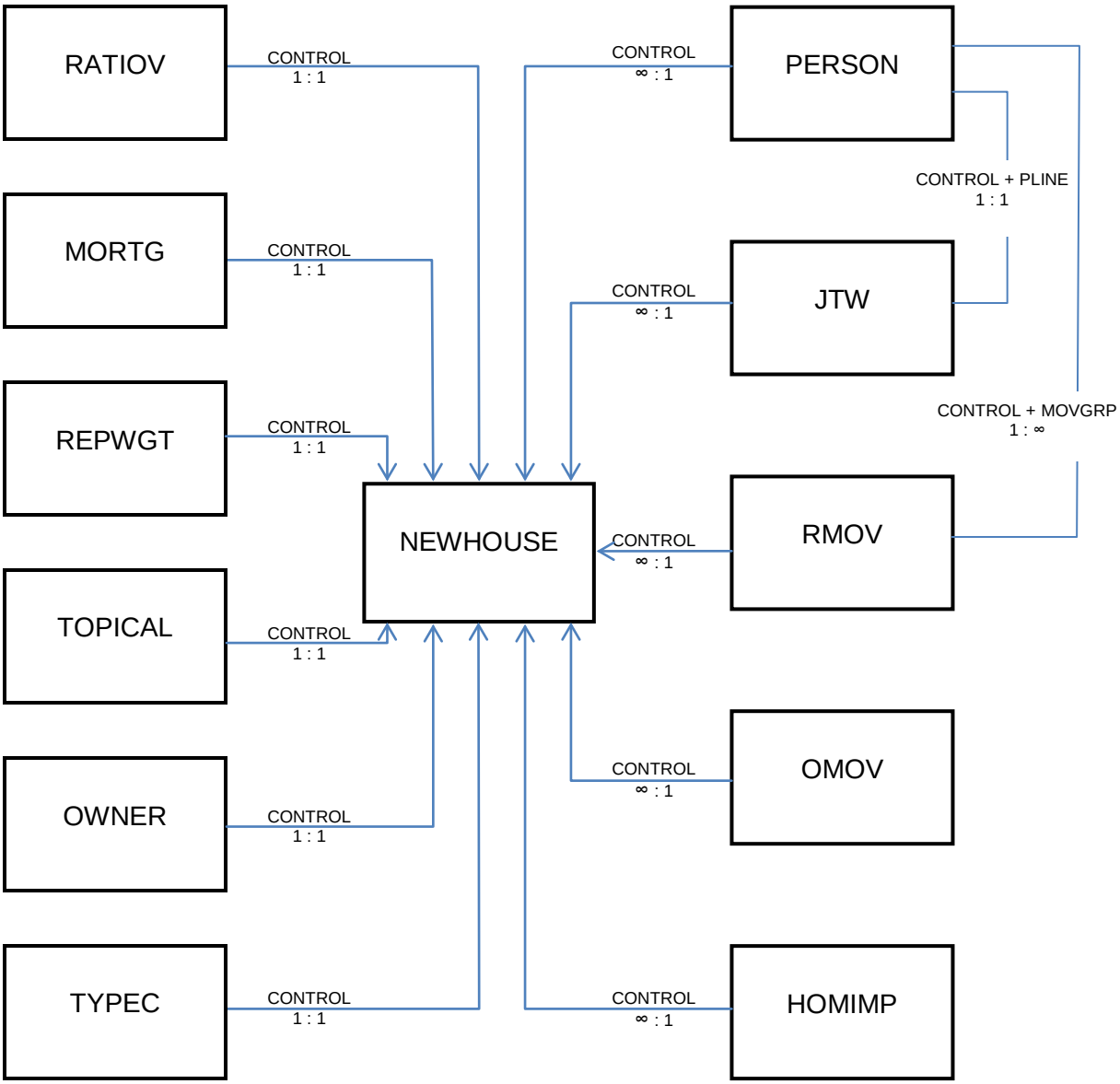
Each table has its own level of observation. The following table shows the AHS relational table, level of observation, and variables needed to merge on, and to what table it should be merged. The word “(multiple)” next to the merging variable indicates that there are multiple observations with the same values for the merging variable inside of a single household.

Relational Table Matching Key

2001 and later			
Relational Table	**Subject**	**Merging variables[1]**	**To what:**
HOMIMP	Home improvement and alternation projects	CONTROL (multiple)	NEWHOUSE
JTW	Individual commuting workers (persons)	CONTROL (multiple) PLINE	PERSON
MORTG	Housing unit	CONTROL (multiple)	NEWHOUSE
NEWHOUSE	Housing unit	CONTROL	all other relational tables
OWNER	Owners of rental units	CONTROL	NEWHOUSE
PERSON	Persons comprising household	1. CONTROL (multiple) 2. CONTROL (multiple) MOVGRP (multiple) 3. CONTROL (multiple) PLINE	1. NEWHOUSE 2. RMOV 3. JTW
RATIOV	Special cases, household level	CONTROL	NEWHOUSE
RMOV	Groups of persons inside of a household who are recent movers	CONTROL (multiple) MOVGRP (multiple)	PERSON
TYPEC	Cases not on current year PUF	CONTROL	none in current year
1985–1999 – merging these relational tables will create the equivalent of NEWHOUSE			
Relational Table	**Unit of observation**	**Merging variables[1]**	**To what:**
HOUSEHLD	Housing unit	CONTROL	TOPPUF
TOPPUF	Housing unit	CONTROL	all other relational tables
WEIGHT	Housing unit	CONTROL	TOPPUF

[1] CONTROL codes for housing units for the AHS Metro Survey data are only unique within each SMSA. Therefore, the SMSA variable must also be used when merging these relational tables. When using metropolitan data, substitute "SMSA CONTROL" for every occurrence of "CONTROL".

When combining the data, extreme care must be taken. The basic level of observation is generally the housing unit, and improper merging or improper use of weights will lead to inaccurate results.



The following listing explains how to link the various relational tables in the AHS for 2001 and later.

NEWHOUSE
Primary key is CONTROL
Links to most other databases via CONTROL
Every record in current survey has a record in NEWHOUSE
See notes on other relational tables for how NEWHOUSE relates to them

MORTG/ TOPICAL/ OWNER/ REPWGT/ RATIOV
Primary key is CONTROL
Links to NEWHOUSE via CONTROL
Each record will match a record in NEWHOUSE (one to one)
Not every record in NEWHOUSE will match to a record in the merged relational table

HOMIMP/OMOV
Primary key is CONTROL (not unique)
Links to NEWHOUSE via CONTROL
Records will match the same record in NEWHOUSE (many to one)
Not every record in NEWHOUSE will match to a record in merged relational table

PERSON
Primary key is CONTROL + PLINE
Links to NEWHOUSE via CONTROL
1 to 30 records will match to same record in NEWHOUSE (many to one)
Not every record in NEWHOUSE will match to a record in PERSON

JTW
Primary key is CONTROL + PLINE
Links to PERSON via CONTROL + PLINE
1 to 16 records will match to same record in PERSON (one to one)
Not every record in PERSON will match to a record in JTW

RMOV
Primary key is CONTROL + MOVGRP
Links to PERSON by matching CONTROL + MOVGRP to CONTROL + MVG
Each record will match 1 to 30 records in PERSON (one to many)
Not every record in PERSON will match to a record in RMOV

TYPEC
Primary key is CONTROL
Records will *not* match other records in any current tables
Purpose is to match to records in previous survey data sets

Weights: Weights are assigned only at the household level; there are no person-level weights present in the AHS. The standard weight variable, WEIGHT, is calculated based on 1980 geography, as were all AHS weights from 1985 onwards. So that tabulations using the 2001 (and later) microdata can be matched to the published tables, the Census Bureau and HUD added a variable, WGT90GEO, to the 2001 and later AHS microdata. This new weight is calculated based on 1990 metropolitan geography. Both weights sum to national control totals for total number of units for 2001 and later surveys.

Additional AHS Resources

The U.S. Department of Census American Housing Survey Web site (http://www.census.gov/programs-surveys/ahs.html) contains more AHS-related resources. These include the Field Representatives Manual, weighting specifications, recode specifications, edit specifications, and historical changes.

Variables Listed by Topic

BBLDG	Type B noninterview building	Sample status, weights, interview status
BOARDU	Type B unit boarded up	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROLM	Original control number	Sample status, weights, interview status
DATE	Interview date	Sample status, weights, interview status
HISTRY	Status of unit	Sample status, weights, interview status
ISTATUS	Interview status	Sample status, weights, interview status
MARKET	Unit for rent only, sale only, or either	Sample status, weights, interview status
MARKT	Unit currently for rent or sale	Sample status, weights, interview status
MOVAC	# months unit has been vacant	Sample status, weights, interview status
NATLFLAG	National or metro sample	Sample status, weights, interview status
NOINT	Noninterview reason	Sample status, weights, interview status
OLDMSFLG	Old metropolitan sample flag	Sample status, weights, interview status
PWT	Pure weight - inverse of prob of selection	Sample status, weights, interview status
REUAD	Reason unit got added to sample	Sample status, weights, interview status
S150MV	Vacant/URE unit <= 150 miles of owners res.	Sample status, weights, interview status
SAMEDU	Same HU as last enumeration	Sample status, weights, interview status
SPLTWGT1	Final weight used for split sample – Public Transportation and Disaster Planning	Sample status, weights, interview status
SPLTWGT2	Final weight used for split sample – Neighborhood and Collective Efficacy	Sample status, weights, interview status
SXUREV	Vacant/URE unit was previous residence	Sample status, weights, interview status
VACVAC	Unit for vacation or other short-term use	Sample status, weights, interview status
WEIGHT	Final weight	Sample status, weights, interview status
WGT90GEO	Final weight based on 1990 Census geography	Sample status, weights, interview status
WGT90GEO2011N	National-only 2011 weight	Sample status, weights, interview status
WGTMETRO	Final weight for metropolitan estimates based on 1990 Census geography	Sample status, weights, interview status
YRINTRO	Year introduced	Sample status, weights, interview status
YRTYPEC	Year made Type C	Sample status, weights, interview status
CMSA	1980 design CMSA code	Geography
COUNTY	County code	Geography
DIVISION	Census division	Geography
METRO	Multiple central cities/suburban status within metro areas	Geography
METRO3	Central city / suburban status	Geography
PMSA	1990 design PMSA code	Geography
PSUDOTCT	Census tract for 1970, 1980 or 1990 containing case	Geography
REGION	Census region	Geography
SMSA	1980 design PMSA code	Geography

STATE	FIPS state code	Geography
ZONE	Defined area of > 100,000 population	Geography
ACCESS	Direct access to unit	Unit
ACCESSB	Entry system required to access building	Unit
AGERES	Age restricted development	Unit
AIR	Room air conditioner	Unit
AIRSYS	Central air conditioner	Unit
ANYCAR	Wall-to-wall carpeting in any area of unit	Unit
ANYPNT	Any painting done on inside of unit	Unit
ANYRUG	Any rugs or carpeting in unit	Unit
APTFL	Number of floors in the apartment itself	Unit
ASSTSERV	Manager provides personal care assistance	Unit
ATBSUN	Number of unfinished attics/basements in unit	Unit
BATHS	Number of full bathrooms in unit	Unit
BDCARP	Wall-to-wall carpeting in bedroom	Unit
BEDRMS	Number of bedrooms in unit	Unit
BEDX	Number of bedrooms with wall-to-wall carpeting	Unit
BUILT	Year unit was built	Unit
BURNER	Unit has working built-in cooking burners	Unit
BUSIN	Number of offices/business rooms in unit	Unit
BUSPER	# rooms used for business/personal use	Unit
CELLAR	Unit has a basement	Unit
CLIMB	Number of floors from main entrance to apartment	Unit
CONDO	Unit is condominium or cooperative	Unit
COOK	Unit has working cookstove or range/oven	Unit
DENS	Number of dens/libraries/tv rooms in unit	Unit
DINING	Number of dining rooms in unit	Unit
DIRAC	Number of offices having direct access	Unit
DISH	Unit has working dishwasher	Unit
DISPL	Unit has working garbage disposal	Unit
DRSHOP	Medical office/community store on property	Unit
DRY	Unit has working clothes dryer	Unit
DSTEAM	Steam/hot water system-DK if supplemental/parallel	Unit
DSTOVE	Woodburning stove - DK if supplemental/parallel	Unit
EAIRC	Energy star rated room air conditioner	Unit
EBAR	Windows covered with metal bars	Unit
ECNTAIR	Energy star rated central air conditioner	Unit
EDISHWR	Energy star rated dishwasher	Unit
EDRYER	Energy star rated clothes dryer	Unit

EFRIDGE	Energy star rated refrigerator	Unit
EHEATUT	Energy star rated heating equipment	Unit
ELEV	Working passenger elevator	Unit
ENOEAPP	No energy star rated appliances	Unit
EOTEAPP	Unit has another type of energy star rated appliance	Unit
ETRSHCP	Energy star rated built-in trash compactor	Unit
EWASHR	Energy star rated washing machine	Unit
EXCLUS	Number offices used exclusively for business	Unit
FAMRM	Number of family rooms/great rooms in unit	Unit
FLOODPLN	Unit in a flood plain	Unit
FLOORS	Number of stories in building	Unit
FLOT	Room heater vented to outside	Unit
FPINS	Fireplace has inserts	Unit
FPLWK	Unit has useable fireplace	Unit
FRPL	Fireplace does not have inserts	Unit
FRPLI	Fireplace has inserts	Unit
FRSTOC	Current occupants are first occupants	Unit
GARAGE	Garage or carport included with unit	Unit
HALB	Additional half bathrooms in unit	Unit
HALFB	Number of half bathrooms in unit	Unit
HOTPIP	Unit has hot & cold running water	Unit
INCP	Offstreet parking included	Unit
KEXCLU	Kitchen facilities for household use only	Unit
KITCH	Number of kitchens in unit	Unit
KITCHEN	Complete kitchen facilities in unit	Unit
LAT70S	Year unit built in late 1970s	Unit
LAUNDY	Number of laundry/utility rooms in unit	Unit
LIVING	Number of living rooms in unit	Unit
LOT	Square footage of lot	Unit
LVCARP	Wall-to-wall carpeting in living room	Unit
MOBILTYP	Manufactured/mobile home type	Unit
MOPERM	# months since occupied as permanent home	Unit
MOSALL	Unit is typically occupied year-round	Unit
MOSAPR	Unit is typically occupied in April	Unit
MOSAUG	Unit is typically occupied in August	Unit
MOSDEC	Unit is typically occupied in December	Unit
MOSFEB	Unit is typically occupied in February	Unit
MOSJAN	Unit is typically occupied in January	Unit
MOSJUL	Unit is typically occupied in July	Unit
MOSJUN	Unit is typically occupied in June	Unit

MOSMAR	Unit is typically occupied in March	Unit
MOSMAY	Unit is typically occupied in May	Unit
MOSNOV	Unit is typically occupied in November	Unit
MOSOCT	Unit is typically occupied in October	Unit
MOSSEP	Unit is typically occupied in September	Unit
NEWC	New construction in last 4 years	Unit
NOOTHRM	No other rooms in unit	Unit
NUMAIR	Number of room air conditioners	Unit
NUNIT2	Are these living quarters in a…	Unit
NUNITS	Number of units in building	Unit
OARSYS	Unit has another central a/c system	Unit
OBEDRM	Number of offices used for bedroom	Unit
ODIN	Number of offices used as dining room	Unit
ODIRAC	Number of offices having direct access	Unit
OKITCH	Number of offices used for kitchen	Unit
OLIVIN	Number of offices used for living room	Unit
OOTHRM	Number of offices used for other room	Unit
OTBUP	Other building on property used as living quarters	Unit
OTHFN	Number of other finished rooms in unit	Unit
OTHLQ	Other living quarters on property	Unit
OTHLQ1	Other apartments in building	Unit
OTHLQ2	Other apartments in building	Unit
OTHRUN	Number of other unfinished rooms in unit	Unit
OVEN	Unit has a working microwave oven	Unit
OWNHERE	Owner/resident manager lives on-site	Unit
OWNLOT	Household owns the land	Unit
PERSERV	Management provides personal care assistance	Unit
PHONE	Telephone available for use	Unit
PLUGS	Every room has working electrical plug	Unit
PORCH	Unit has porch/deck/balcony/patio	Unit
PREOCC	Received unit as gift or purchased it	Unit
PUBSEW	Unit connected to public sewer	Unit
RECRM	Number of recreation rooms in unit	Unit
REFR	Unit has a working refrigerator	Unit
ROOMS	Number of rooms in unit	Unit
ROOMSA	Rooms used for both business & other	Unit
ROOMSB	Number of rooms used for both business & other	Unit
SEWDIS	Type of sewage disposal	Unit
SEWDISTP	Type of septic tank or cesspool sewage disposal system	Unit
SEWDUS	Number of units connected to sewage system	Unit

SHARAT	Unit shares attic or basement	Unit
SHARFR	Unit shares furnace or boiler	Unit
SINHV	Inherited this vacant/URE unit	Unit
SINK	Unit has kitchen sink	Unit
SINVV	Own vacant/URE unit as an investment	Unit
SOTHV	Own vacant/URE unit for some other reason	Unit
SRECV	Own vacant/URE unit for recreation	Unit
SRENTV	Number of nights vacant/URE unit was rented out	Unit
SSELV	Want to sell vacant/URE unit - not sold yet	Unit
STEAM	Steam system used as supplemental heating equipment	Unit
STORG	Number of storage rooms/pantries in unit	Unit
TELAV	Telephone available elsewhere	Unit
TELHH	Telephone in housing unit	Unit
TENURE	Owner/renter status of unit	Unit
TIMSHR	Ownership of unit time shared	Unit
TRASH	Unit has working built-in trash compactor	Unit
TUB	Unit has a bathtub or shower	Unit
TYPE	Housing unit type	Unit
UNITSF	Square footage of unit	Unit
VACANC2	Reason unit is vacant	Unit
VACANC2B	Unit is vacant for other reason	Unit
VACANCY	Vacancy status	Unit
WASH	Unit has a working washing machine	Unit
WATER	Source of water for unit	Unit
WATERD	Source of drinking water	Unit
WELLDIS	Has disinfected well	Unit
WELLDIS2	Has been advised by health authorities to disinfect well	Unit
WELDUS	Number of units this water source serves	Unit
WELL	Well drilled or dug	Unit
WFPROP	Unit is waterfront property	Unit
WHNGET	Year unit bought/obtained/received	Unit
WINTERELSP	Electric space heater used during winter months	Unit
WINTERKESP	Kerosene space heater used during winter months	Unit
WINTERNONE	No use of any other modes to heat unit during winter months	Unit
WINTEROVEN	Gas oven with an open door used during winter months	Unit
WINTERWOOD	Outdoor wood fire boiler used during winter months	Unit
YRRND	Vacant unit suitable for year round use	Unit
BADSTEP	Loose/broken/missing steps in common stairs	Unit Quality
BDSTPQ	Loose/broken/missing steps in common stairs	Unit Quality

BLDMNT	Satisfaction with building maintenance	Unit Quality
BLEAK	Water leak in basement	Unit Quality
BSINK	Unit has a bathroom sink	Unit Quality
CRACKS	Open cracks wider than dime	Unit Quality
DFIRE	Type C-30/31 severely damaged by fire	Unit Quality
DISAS	Type C severely damaged by natural disaster	Unit Quality
DORREP	Any doors repaired/replaced in unit	Unit Quality
EBOARD	Windows boarded up	Unit Quality
EBROKE	Windows broken	Unit Quality
ECRUMB	Holes/cracks or crumbling in foundation	Unit Quality
EGOOD	No listed conditions seen in/on unit	Unit Quality
EHOLER	Roof has holes	Unit Quality
ELEVWK	At least one elevator in working order	Unit Quality
EMISSR	Roof missing shingles/other roofing materials	Unit Quality
EMISSW	Outside walls missing siding/bricks/etc	Unit Quality
EROACH	Evidence of roaches in unit	Unit Quality
ESAGR	Roof's surface sags or is uneven	Unit Quality
ESLOPW	Outside walls slope/lean/slant/buckle	Unit Quality
EVROD	Evidence of rodents in unit	Unit Quality
EXPOSE	Type B interior exposed to elements	Unit Quality
FREEZE	Unit cold for 24+ hrs was uncomfortable	Unit Quality
GRDMNT	Satisfaction with grounds maintenance	Unit Quality
HOLES	Holes in floor	Unit Quality
HOWH	Rating of unit as a place to live	Unit Quality
IFBLOW	Fuses blown or circuit breakers tripped	Unit Quality
IFCOLD	Main heating equipment broke down	Unit Quality
IFDRY	Unit completely without running water	Unit Quality
IFSEW	Sewage system broke down	Unit Quality
IFTLT	Any toilet breakdowns in last 3 months	Unit Quality
ILEAK	Any inside water leaks in last 12 months	Unit Quality
IMAINT	Receive adequate maintenance	Unit Quality
LEAK	Any outside water leaks in last 12 months	Unit Quality
LTSOK	Hallway lights working	Unit Quality
LTSOK1	Hallway lights working	Unit Quality
LTSOK2	All hallway lights working	Unit Quality
M12ROACH	Roaches seen in unit recently	Unit Quality
M12ROD	Rodents seen in unit recently	Unit Quality
M3ROD	Rodents seen in unit recently	Unit Quality
MAJR1	Starts major maintenance/repairs soon enough	Unit Quality
MAJR2	Solves major problems quickly	Unit Quality

MAJR3	Polite/considerate of home (major repairs)	Unit Quality
MICE	Mice seen in unit recently	Unit Quality
MINR1	Starts minor maintenance/repairs soon enough	Unit Quality
MINR2	Solves minor problems quickly	Unit Quality
MINR3	Polite/considerate of home (minimum repairs)	Unit Quality
NLEAK1	Inside water leak from some other source	Unit Quality
NLEAK2	Source of inside water leak unknown	Unit Quality
NOTSUR	Not sure if rodents were rats or mice	Unit Quality
NOWIRE	Electrical wiring concealed by walls/wiring	Unit Quality
NUMBLOW	# times fuses blown or breakers tripped	Unit Quality
NUMCOLD	# times main heating equipment broke down	Unit Quality
NUMDRY	# times completely without running water	Unit Quality
NUMSEW	Number of sewage system breakdowns	Unit Quality
NUMTLT	Number of toilet breakdowns 6 hours or more	Unit Quality
OMAINT	Buildings & grounds maintained properly	Unit Quality
OTHCLD	Unit cold for some other reason	Unit Quality
OTLEAK	Water leak from other outside source	Unit Quality
PILEAK	Inside water leak from leaking pipes	Unit Quality
PLEAK	Inside water leak from plumbing fixtures	Unit Quality
PLUMB	Complete plumbing facilities in unit	Unit Quality
RAILOK	Railings on common stairs firmly attached	Unit Quality
RAILOK1	Railings on stairs firmly attached	Unit Quality
RAILOK2	All stair railings firmly attached	Unit Quality
RATFREQ	Frequency of evidence of rats	Unit Quality
RATS	Rats seen in unit recently	Unit Quality
RLEAK	Water leak in roof	Unit Quality
ROACHFRQ	Frequency of evidence of roaches	Unit Quality
TALWIR	Aluminum wiring inspected before purchase	Unit Quality
TASB	Unit tested for asbestos before purchase	Unit Quality
TOILET	Unit has a flush toilet	Unit Quality
TRADON	Unit tested for radon before purchase	Unit Quality
TREP	Repairs made because of inspection/test	Unit Quality
TWATER	Water quality tested before purchase	Unit Quality
WATERS	Water safe for drinking & cooking	Unit Quality
WHYCD1	Unit cold due to utility interruption	Unit Quality
WHYCD2	Unit cold due to inadequate heating capacity	Unit Quality
WHYCD3	Unit cold due to inadequate insulation	Unit Quality
WHYCD4	Unit cold due to cost of heating	Unit Quality
WHYCD5	Unit cold because of some other reason	Unit Quality
WLEAK	Water leak in wall or closed door/window	Unit Quality

WTRHRL	Source of inside water leak is broken water heater	Unit Quality
ZADEQ	Recoded adequacy of housing	Unit Quality
ADDTN2	Percentage of 2nd mortgage used for additions/improvements	Housing Cost
ADDTN3	Percentage of 3rd mortgage used for additions/improvements	Housing Cost
ADDTNS	Percentage of 1st mortgage used for additions/improvements	Housing Cost
ADJDEP	1st mortgage reference rate where mortgage payment not fixed	Housing Cost
ADJDEP2	2nd mortgage reference rate where mortgage payment not fixed	Housing Cost
ADJDEP3	3rd mortgage reference rate where mortgage payment not fixed	Housing Cost
ADJFIX	1st mortgage period of time interest rate fixed where payment not fixed	Housing Cost
ADJFIX2	2nd mortgage period of time interest rate fixed where payment not fixed	Housing Cost
ADJFIX3	3rd mortgage period of time interest rate fixed where payment not fixed	Housing Cost
ADJPM	1st mortgage payment changed because interest rate changed	Housing Cost
ADJPM2	2nd mortgage payment changed because interest rate changed	Housing Cost
ADJPM3	3rd mortgage payment changed because interest rate changed	Housing Cost
ADJRTF	1st mortgage frequency of interest rate change where payment not fixed	Housing Cost
ADJRTF2	2nd mortgage frequency of interest rate change where payment not fixed	Housing Cost
ADJRTF3	3rd mortgage frequency of interest rate change where payment not fixed	Housing Cost
AMMORT	Amount of 1st mortgage when acquired	Housing Cost
AMMRT2	Amount of 2nd mortgage when acquired	Housing Cost
AMMRT3	Amount of 3rd mortgage when acquired	Housing Cost
AMMRT4	Amount of 4th-and-more mortgage when acquired	Housing Cost
AMRTZ	Years needed to pay off 1st mortgage	Housing Cost
AMRTZ2	Years needed to pay off 2nd mortgage	Housing Cost
AMRTZ3	Years needed to pay off 3rd mortgage	Housing Cost
AMTI	Annual cost of homeowners insurance	Housing Cost
AMTM	Amount of other charges included in 1st mortgage	Housing Cost
AMTM2	Amount of other charges included in 2nd mortgage	Housing Cost
AMTM3	Amount of other charges included in 3rd mortgage	Housing Cost
AMTT	Annual cost of garbage & trash	Housing Cost
AMTW	Annual cost of water & sewage	Housing Cost
AMTX	Annual real estate tax payment	Housing Cost
ARM	1st mortgage changes due to interest rate	Housing Cost
ARM2	2nd mortgage changes due to interest rate	Housing Cost
ARM3	3rd mortgage changes due to interest rate	Housing Cost
ARMASK	1st mortgage changes for other reason	Housing Cost
ARMASK2	2nd mortgage changes for other reason	Housing Cost
BALAMT	1st mortgage final balloon payment	Housing Cost
BALAMT2	2nd mortgage final balloon payment	Housing Cost
BALAMT3	3rd mortgage final balloon payment	Housing Cost

BANK	1st mortgage borrowed from bank	Housing Cost
BANK2	2nd mortgage borrowed from bank	Housing Cost
BANK3	3rd mortgage borrowed from bank	Housing Cost
BLOON	1st mortgage's last payment biggest	Housing Cost
BLOON2	2nd mortgage's last payment biggest	Housing Cost
BLOON3	3rd mortgage's last payment biggest	Housing Cost
BUYI	Household has homeowners insurance	Housing Cost
BUYT	Pay for garbage/trash separately	Housing Cost
BUYT2	Pay for garbage/trash separately	Housing Cost
BUYW	Pay for water/sewage separately	Housing Cost
BUYW2	Pay for water/sewage separately	Housing Cost
CANVAR	Term of 1st mortgage can vary	Housing Cost
CANVR2	Term of 2nd mortgage can vary	Housing Cost
CANVR3	Term of 3rd mortgage can vary	Housing Cost
CASH	Amount of cash received from 1st mortgage	Housing Cost
CASH2	Amount of cash received from 2nd mortgage	Housing Cost
CASH3	Amount of cash received from 3rd mortgage	Housing Cost
CLPEVA	Current loan as percent of value (rounded)	Housing Cost
CONFEE	Monthly condo/homeowner's association/mobile home fee	Housing Cost
CPRICE	Cost of construction plus value of land	Housing Cost
CSTMNT	Annual cost for routine maintenance	Housing Cost
DOC	1st mortgage obtained without proof of income, assets, or debts	Housing Cost
DOC2	2nd mortgage obtained without proof of income, assets, or debts	Housing Cost
DOC3	3rd mortgage obtained without proof of income, assets, or debts	Housing Cost
DOWNPCT	Down payment percentage	Housing Cost
DWNPAY	Main source of down payment on unit	Housing Cost
EXTLN2	2nd mortgage refinanced to renew/extend loan due	Housing Cost
EXTLN3	3rd mortgage refinanced to renew/extend loan due	Housing Cost
EXTLON	1st mortgage refinanced to renew/extend loan due	Housing Cost
FIXED	1st mortgage changes for taxes/insurance	Housing Cost
FIXED2	2nd mortgage changes for taxes/insurance	Housing Cost
FIXED3	3rd mortgage changes for taxes/insurance	Housing Cost
FLRENT	Frequency of land/site rent payment	Housing Cost
FMHOTF	Frequency of other mobile home fee payments	Housing Cost
FMRPMT	Payment frequency of 1st mortgage	Housing Cost
FMRPMT2	Payment frequency of 2nd mortgage	Housing Cost
FMRPMT3	Payment frequency of 3rd mortgage	Housing Cost
FRENT	Frequency of rent payment	Housing Cost
FRSTRM	1st mortgage changes – number of years principal & interest remained same	Housing Cost
FRSTRM2	2nd mortgage changes – number of years principal & interest remained same	Housing Cost

FRSTRM3	3rd mortgage changes – number of years principal & interest remained same	Housing Cost
FXDPM	1st mortg pmt changed because lender will not let you decide how much to pay	Housing Cost
FXDPM2	2nd mortg pmt changed because lender will not let you decide how much to pay	Housing Cost
FXDPM3	3rd mortg pmt changed because lender will not let you decide how much to pay	Housing Cost
GPM	1st mortgage payments rise on fixed schedule part	Housing Cost
GPM2	2nd mortgage payments rise on fixed schedule part	Housing Cost
GPMW	1st mortgage payments rise on fixed schedule whole	Housing Cost
GPMW2	2nd mortgage payments rise on fixed schedule whole	Housing Cost
GPMWP	1st mortgage payments vary according to set schedule	Housing Cost
GPMWP2	2nd mortgage payments vary according to set schedule	Housing Cost
GPMWP3	3rd mortgage payments vary according to set schedule	Housing Cost
GTCAS2	2nd mortgage refinanced to receive cash	Housing Cost
GTCAS3	3rd mortgage refinanced to receive cash	Housing Cost
GTCASH	1st mortgage refinanced to receive cash	Housing Cost
HEBAL1	Outstanding loan against 1st home equity loan	Housing Cost
HEBAL2	Outstanding loan against 2nd home equity loan	Housing Cost
HEBAL3	Outstanding loan against 3rd home equity loan	Housing Cost
HEBAM1	Outstanding balance on 1st home equity loan	Housing Cost
HEBAM2	Outstanding balance on 2nd home equity loan	Housing Cost
HEBAM3	Outstanding balance on 3rd home equity loan	Housing Cost
HECR1	Credit limit on 1st home equity loan	Housing Cost
HECR2	Credit limit on 2nd home equity loan	Housing Cost
HECR3	Credit limit on 3rd home equity loan	Housing Cost
HEINF1	Interest rate on 1st home equity loan - fraction	Housing Cost
HEINF2	Interest rate on 2nd home equity loan - fraction	Housing Cost
HEINF3	Interest rate on 3rd home equity loan - fraction	Housing Cost
HEINR1	Interest rate on 1st home equity loan	Housing Cost
HEINR2	Interest rate on 2nd home equity loan	Housing Cost
HEINR3	Interest rate on 3rd home equity loan	Housing Cost
HEINW1	Interest rate on 1st home equity loan - whole number	Housing Cost
HEINW2	Interest rate on 2nd home equity loan - whole number	Housing Cost
HEINW3	Interest rate on 3rd home equity loan - whole number	Housing Cost
HEL	Has a home equity loan	Housing Cost
HELC	Has a home equity line of credit	Housing Cost
HELCN	Number of home equity lines of credit	Housing Cost
HELMP1	1st home equity loan lump sum	Housing Cost
HELMP2	2nd home equity loan lump sum	Housing Cost
HELMP3	3rd home equity loan lump sum	Housing Cost
HELUMN	Number of lump sum home equity loans	Housing Cost
HELUMP	Has a lump sum home equity loan	Housing Cost

HEMNMOR	Month current 1st home equity loan obtained	Housing Cost
HEMNMOR2	Month current 2nd home equity loan obtained	Housing Cost
HEMNMOR3	Month current 3rd home equity loan obtained	Housing Cost
HENUM	Number of home equity loans	Housing Cost
HEPMT1	1st home equity loan monthly payment	Housing Cost
HEPMT2	2nd home equity loan monthly payment	Housing Cost
HEPMT3	3rd home equity loan monthly payment	Housing Cost
HETYP1	1st home equity loan type	Housing Cost
HETYP2	2nd home equity loan type	Housing Cost
HETYP3	3rd home equity loan type	Housing Cost
HEYRMOR	Year current 1st home equity loan obtained	Housing Cost
HEYRMOR2	Year current 2nd home equity loan obtained	Housing Cost
HEYRMOR3	Year current 3rd home equity loan obtained	Housing Cost
HUDADMIN	Received government rental assistance (based on HUD administrative data)	Housing Cost
HUDSAMP	Unit selected as part of the 2011 oversample of subsidized housing	Housing Cost
HYBARM	1st mortgage adjustable rate mortgage ever fixed more than a year	Housing Cost
HYBARM2	2nd mortgage adjustable rate mortgage ever fixed more than a year	Housing Cost
HYBARM3	3rd mortgage adjustable rate mortgage ever fixed more than a year	Housing Cost
HYBMYR	1st mortgage adjustable rate mortgage number of years fixed	Housing Cost
HYBMYR2	2nd mortgage adjustable rate mortgage number of years fixed	Housing Cost
HYBMYR3	3rd mortgage adjustable rate mortgage number of years fixed	Housing Cost
IFFEE	Condo/co-op/assoc/mobile home park fee required	Housing Cost
IMPROV	Funds from 1st home equity loan used for additions/improvements	Housing Cost
IMPRV2	Funds from 2nd home equity loan used for additions/improvements	Housing Cost
IMPRV3	Funds from 3rd home equity loan used for additions/improvements	Housing Cost
INCPER	1st mortgage refinanced to increase payment period	Housing Cost
INCPR2	2nd mortgage refinanced to increase payment	Housing Cost
INCPR3	3rd mortgage refinanced to increase payment	Housing Cost
INCS	Pay separate rent for land	Housing Cost
INPMT2	2nd mortgage payment includes insurance	Housing Cost
INPMT3	3rd mortgage payment includes insurance	Housing Cost
INSPM	1st mortgage payment changed because taxes or insurance changed	Housing Cost
INSPM2	2nd mortgage payment changed because taxes or insurance changed	Housing Cost
INSPM3	3rd mortgage payment changed because taxes or insurance changed	Housing Cost
INSPMT	1st mortgage payment includes insurance	Housing Cost
INTF	Interest rate of 1st mortgage - fraction	Housing Cost
INTF2	Interest rate of 2nd mortgage - fraction	Housing Cost
INTF3	Interest rate of 3rd mortgage - fraction	Housing Cost
INTPM	1st mortgage payment changed because interest changed to interest plus	Housing Cost
INTPM2	2nd mortgage payment changed because interest changed to interest plus	Housing Cost

INTPM3	3rd mortgage payment changed because interest changed to interest plus	Housing Cost
INTPMT	Interest included in payment of 1st mortgage	Housing Cost
INTPMT2	Interest included in payment of 2nd mortgage	Housing Cost
INTPMT3	Interest included in payment of 3rd mortgage	Housing Cost
INTR	Interest rate of 1st mortgage	Housing Cost
INTR2	Interest rate of 2nd mortgage	Housing Cost
INTR3	Interest rate of 3rd mortgage	Housing Cost
INTW	Interest rate of 1st mortgage - whole #	Housing Cost
INTW2	Interest rate of 2nd mortgage - whole #	Housing Cost
INTW3	Interest rate of 3rd mortgage - whole #	Housing Cost
IO	1st mortgage changes due to “interest only” needs to be paid down	Housing Cost
IO2	2nd mortgage changes due to “interest only” needs to be paid down	Housing Cost
IO3	3rd mortgage changes due to “interest only” needs to be paid down	Housing Cost
LANDC	Land contract for mortgage	Housing Cost
LANPMT	Land rent included with mortgage payment	Housing Cost
LENMOD	1st mortgage payment changed to prevent foreclosure	Housing Cost
LENMOD2	2nd mortgage payment changed to prevent foreclosure	Housing Cost
LENMOD3	3rd mortgage payment changed to prevent foreclosure	Housing Cost
LNFNBR	Refinance solicitation of 1st mortgage	Housing Cost
LNFNBR2	Refinance solicitation of 2nd mortgage	Housing Cost
LNFNBR3	Refinance solicitation of 3rd mortgage	Housing Cost
LOOKHS	Looked at both houses/mobile home & apartments	Housing Cost
LOOKNS	Looked at other neighborhoods	Housing Cost
LOON	% of 1st mortgage due in last payment	Housing Cost
LOON2	% of 2nd mortgage due in last payment	Housing Cost
LOONCL	Percentage of 1st mortgage due in last payment (calculated)	Housing Cost
LOONCL2	Percentage of 2nd mortgage due in last payment (calculated)	Housing Cost
LOONCL3	Percentage of 3rd mortgage due in last payment (calculated)	Housing Cost
LOWIN2	2nd mortgage refinanced to get lower interest	Housing Cost
LOWIN3	3rd mortgage refinanced to get lower interest	Housing Cost
LOWINT	1st mortgage refinanced to get lower interest rate	Housing Cost
LPRICE	Purchase price of unit and land	Housing Cost
LRENT	Land/site rent	Housing Cost
LVALUE	Current value of land	Housing Cost
MATBUY	Got 1st mortgage in same year bought unit	Housing Cost
MATBY2	Got 2nd mortgage in same year bought unit	Housing Cost
MATBY3	Got 3rd mortgage in same year bought unit	Housing Cost
MAXADJ	1st mortgage freq. of int. rate change limited where mtg. payment not fixed	Housing Cost
MAXADJ2	2nd mortgage freq. of int. rate change limited where mtg. payment not fixed	Housing Cost
MAXADJ3	3rd mortgage freq. of int. rate change limited where mtg. payment not fixed	Housing Cost

MCNT	Number of regular mortgages	Housing Cost
MCOM	1st mortgage covers business on property	Housing Cost
MCOM2	2nd mortgage covers business on property	Housing Cost
MFARM	1st mortgage covers farm land	Housing Cost
MFARM2	2nd mortgage covers farm land	Housing Cost
MG	Any mortgages on this property	Housing Cost
MGRESA	1st mortgage shopped around before choosing lender	Housing Cost
MGRESA2	2nd mortgage shopped around before choosing lender	Housing Cost
MGRESA3	3rd mortgage shopped around before choosing lender	Housing Cost
MH32	Mobile home on property used for living quarters	Housing Cost
MHOTFE	Amount of other required mobile home fees	Housing Cost
MINPM	1st mortgage pmt changed because choice of minimum payment increased	Housing Cost
MINPM2	2nd mortgage pmt changed because choice of minimum payment increased	Housing Cost
MINPM3	3rd mortgage pmt changed because choice of minimum payment increased	Housing Cost
MLNCLS	1st mortgage chosen because of low closing costs	Housing Cost
MLNCLS2	2nd mortgage chosen because of low closing costs	Housing Cost
MLNCLS3	3rd mortgage chosen because of low closing costs	Housing Cost
MLNDWN	1st mortgage chosen because believed interest rates would go down	Housing Cost
MLNDWN2	2nd mortgage chosen because believed interest rates would go down	Housing Cost
MLNDWN3	3rd mortgage chosen because believed interest rates would go down	Housing Cost
MLNINT	1st mortgage chosen because of interest rate	Housing Cost
MLNINT2	2nd mortgage chosen because of interest rate	Housing Cost
MLNINT3	3rd mortgage chosen because of interest rate	Housing Cost
MLNOTH	1st mortgage chosen for other reason	Housing Cost
MLNOTH2	2nd mortgage chosen for other reason	Housing Cost
MLNOTH3	3rd mortgage chosen for other reason	Housing Cost
MLNPM	1st mortgage chosen because of payment amount	Housing Cost
MLNPM2	2nd mortgage chosen because of payment amount	Housing Cost
MLNPM3	3rd mortgage chosen because of payment amount	Housing Cost
MNMOR	Month 1st mortgage obtained	Housing Cost
MNMOR2	Month 2nd mortgage obtained	Housing Cost
MNMOR3	Month 3rd mortgage obtained	Housing Cost
MORTIN	Federal government guarantor of 1st mortgage	Housing Cost
MORTN2	Federal government guarantor of 2nd mortgage	Housing Cost
MORTN3	Federal government guarantor of 3rd mortgage	Housing Cost
MRTYP1	Type of 1st mortgage	Housing Cost
MRTYP2	Type of 2nd mortgage	Housing Cost
MRTYP3	Type of 3rd mortgage	Housing Cost
MXDJTM	1st mortgage # of times limited interest rate change where payment not fixed	Housing Cost
MXDJTM2	2nd mortgage # of times limited interest rate change where payment not fixed	Housing Cost

MXDJTM3	3rd mortgage # of times limited interest rate change where payment not fixed	Housing Cost
MXINTF	1st mortgage highest interest rate allowed where payment not fixed – fraction	Housing Cost
MXINTF2	2nd mortgage highest interest rate allowed where payment not fixed – fraction	Housing Cost
MXINTF3	3rd mortgage highest interest rate allowed where payment not fixed – fraction	Housing Cost
MXINTR	1st mortgage highest interest rate where mortgage payment not fixed	Housing Cost
MXINTR2	2nd mortgage highest interest rate where mortgage payment not fixed	Housing Cost
MXINTR3	3rd mortgage highest interest rate where mortgage payment not fixed	Housing Cost
MXINTW	1st mortgage highest interest rate where payment not fixed – whole number	Housing Cost
MXINTW2	2nd mortgage highest interest rate where payment not fixed – whole number	Housing Cost
MXINTW3	3rd mortgage highest interest rate where payment not fixed – whole number	Housing Cost
NEWMOR	1st mortgage new or assumed	Housing Cost
NEWMR2	2nd mortgage new or assumed	Housing Cost
NEWMR3	3rd mortgage new or assumed	Housing Cost
NUMMOR	Number of mortgages including home equity loans	Housing Cost
ORINTF	1st mortgage original interest rate where payment not fixed – fraction	Housing Cost
ORINTF2	2nd mortgage original interest rate where payment not fixed – fraction	Housing Cost
ORINTF3	3rd mortgage original interest rate where payment not fixed – fraction	Housing Cost
ORINTR	1st mortgage original interest rate where mortgage payment not fixed	Housing Cost
ORINTR2	2nd mortgage original interest rate where mortgage payment not fixed	Housing Cost
ORINTR3	3rd mortgage original interest rate where mortgage payment not fixed	Housing Cost
ORINTW	1st mortgage original interest rate where payment not fixed – whole number	Housing Cost
ORINTW2	2nd mortgage original interest rate where payment not fixed – whole number	Housing Cost
ORINTW3	3rd mortgage original interest rate where payment not fixed – whole number	Housing Cost
OTHPMT	Other charges included in 1st mortgage payment	Housing Cost
OTHREF	1st mortgage refinanced for other reason	Housing Cost
OTPMT2	Other charges included in 2nd mortgage payment	Housing Cost
OTPMT3	Other charges included in 3rd mortgage payment	Housing Cost
OTREF2	2nd mortgage refinanced for other reason	Housing Cost
OTREF3	3rd mortgage refinanced for other reason	Housing Cost
OTRPM	1st mortgage payment changed because of something else	Housing Cost
OTRPM2	2nd mortgage payment changed because of something else	Housing Cost
OTRPM3	3rd mortgage payment changed because of something else	Housing Cost
PERUS1	Percentage of 1st mortgage loan used for purchase of the home	Housing Cost
PERUS2	Percentage of 2nd mortgage loan used for purchase of the home	Housing Cost
PERUS3	Percentage of 3rd mortgage loan used for purchase of the home	Housing Cost
PINCO2	2nd mortgage covers other units	Housing Cost
PINCOP	1st mortgage covers other units	Housing Cost
PMAMT2	Amount of private mortgage insurance included in 2nd mortgage	Housing Cost
PMAMT3	Amount of private mortgage insurance included in 3rd mortgage	Housing Cost
PMIAMT	Amount of private mortgage insurance included in 1st mortgage	Housing Cost

PMIPMT	1st mortgage payments include private mortgage insurance	Housing Cost
PMPMT2	2nd mortgage payments include private mortgage insurance	Housing Cost
PMPMT3	3rd mortgage payments include private mortgage insurance	Housing Cost
PMT	Monthly payment for 1st mortgage	Housing Cost
PMT2	Monthly payment for 2nd mortgage	Housing Cost
PMT3	Monthly payment for 3rd mortgage	Housing Cost
PMT4	Monthly payment for 4th-and-more mortgage	Housing Cost
PMTINC	1st mortgage payment increased or decreased	Housing Cost
PMTINC2	2nd mortgage payment increased or decreased	Housing Cost
PMTINC3	3rd mortgage payment increased or decreased	Housing Cost
POOR	Household income as percent of poverty line (rounded)	Housing Cost
PRENT	Amount of rent actually paid	Housing Cost
PRIN01	Monthly payment for principal and interest	Housing Cost
PRIPMT	Principal included in payment of 1st mortgage	Housing Cost
PRIPMT2	Principal included in payment of 2nd mortgage	Housing Cost
PRIPMT3	Principal included in payment of 3rd mortgage	Housing Cost
PROJ	Building owned by public housing authority	Housing Cost
PTCHAM	1st mortgage payment change amount	Housing Cost
PTCHAM2	2nd mortgage payment change amount	Housing Cost
PTCHAM3	3rd mortgage payment change amount	Housing Cost
PTCHYR	1st mortgage payment changed in the past year	Housing Cost
PTCHYR2	2nd mortgage payment changed in the past year	Housing Cost
PTCHYR3	3rd mortgage payment changed in the past year	Housing Cost
PVALUE	Current value of unit	Housing Cost
RAM	Has reserve annuity or home equity conversion mortgage	Housing Cost
RAMAP	Applied for reverse annuity mortgage	Housing Cost
RAMORT	Heard of reverse annuity mortgage	Housing Cost
RATEPM	1st mortgage payment changed from non-ARM to ARM, or vice versa	Housing Cost
RATEPM2	2nd mortgage payment changed from non-ARM to ARM, or vice versa	Housing Cost
RATEPM3	3rd mortgage payment changed from non-ARM to ARM, or vice versa	Housing Cost
RCNTRL	Rent limited by rent control/stabilization	Housing Cost
REDMO2	Refinanced to reduce monthly payment of 2nd loan	Housing Cost
REDMO3	Refinanced to reduce monthly payment of 3rd loan	Housing Cost
REDMON	Refinanced to reduce monthly payment of 1st loan	Housing Cost
REDPA2	Refinanced to reduce repayment period of 2nd loan	Housing Cost
REDPA3	Refinanced to reduce repayment period of 3rd loan	Housing Cost
REDPAY	Refinanced to reduce repayment period of 1st loan	Housing Cost
REFI	Mortgage a refinancing of previous mortgage	Housing Cost
REFI2	Mortgage a refinancing of previous mortgage	Housing Cost
REFI3	Mortgage a refinancing of previous mortgage	Housing Cost

REGMOR	Number of regular mortgages on unit	Housing Cost
RENEW	Income info required for lease renewal	Housing Cost
RENT	Amount reported for payment period in FRENT	Housing Cost
RESMOR	Amount of 1st mortgage applies only to unit	Housing Cost
RESMR2	Amount of 2nd mortgage applies only to unit	Housing Cost
RNTADJ	Rent adjusted because relationship w/ owner	Housing Cost
SELL	Borrowed 1st mortgage from former owner	Housing Cost
SELL2	Borrowed 2nd mortgage from former owner	Housing Cost
SELL3	Borrowed 3rd mortgage from former owner	Housing Cost
SHOCK	1st mortgage payment change increase difficult to afford	Housing Cost
SHOCK2	2nd mortgage payment change increase difficult to afford	Housing Cost
SHOCK3	3rd mortgage payment change increase difficult to afford	Housing Cost
SUBMOR	Government program provides 1st mortgage	Housing Cost
SUBMR2	Government program provides 2nd mortgage	Housing Cost
SUBMR3	Government program provides 3rd mortgage	Housing Cost
SUBMR4	Government program provides 4th-and-more mortgage	Housing Cost
TADJ	Purchase price changed due to inspection/test	Housing Cost
TAXPMT	Property taxes included in 1st mortgage	Housing Cost
TERM	Term of 1st mortgage	Housing Cost
TERM2	Term of 2nd mortgage	Housing Cost
TERM3	Term of 3rd mortgage	Housing Cost
TIMBOM	1st mortgage changes due to “payment option”	Housing Cost
TIMBOM2	2nd mortgage changes due to “payment option”	Housing Cost
TIMBOM3	3rd mortgage changes due to “payment option”	Housing Cost
TXPMT2	Property taxes included in 2nd mortgage	Housing Cost
TXPMT3	Property taxes included in 3rd mortgage	Housing Cost
TXRE	Received real estate property tax rebate	Housing Cost
UNPBAL	Amount currently owed on 1st mortgage	Housing Cost
UNPBAL2	Amount currently owed on 2nd mortgage	Housing Cost
UNPBAL3	Amount currently owed on 3rd mortgage	Housing Cost
UNPBAL4	Amount currently owed on 4th-and-more mortgage	Housing Cost
VALUE	Current market value of unit	Housing Cost
VARM	1st mortgage changes for other reason	Housing Cost
VARM2	2nd mortgage changes for other reason	Housing Cost
VARM3	3rd mortgage changes for other reason	Housing Cost
VARY	1st mortgage payments change	Housing Cost
VARY2	2nd mortgage payments change	Housing Cost
VARY3	3rd mortgage payments change	Housing Cost
VCHRMOV	Can use voucher to move to another location	Housing Cost
YRMOR	Year 1st mortgage obtained	Housing Cost

YRMOR2	Year 2nd mortgage obtained	Housing Cost
YRMOR3	Year 3rd mortgage obtained	Housing Cost
ZSMHC	Monthly housing costs	Housing Cost
AGE	Age of person	Household Composition
APPLY	Assigned to unit or chose it	Household Composition
CITSHP	U.S. Citizenship	Household Composition
CUSHOM	How owner obtained unit	Household Composition
DLINE1	Line Number of respondent	Household Composition
ELDER	Number of persons living in household 65 years or older	Household Composition
FAMNUM	Family number	Household Composition
FAMREL	Family relationship	Household Composition
FAMTYP	Family type	Household Composition
FRSTHO	Ever owned home before	Household Composition
GRAD	Educational level of person	Household Composition
HCARE	Household has a member with self-care disability (recode)	Household Composition
HDSB	Household has a disabled person (recode)	Household Composition
HERE	Nonrelative is present	Household Composition
HERRND	Household has a member with go-outside-home disability (recode)	Household Composition
HHAGE	Age of householder	Household Composition
HHCITSHP	US Citizenship of householder	Household Composition
HHEAR	Household has a member with hearing disability (recode)	Household Composition
HHGRAD	Education level of householder	Household Composition
HHINUSYR	Year householder came to US	Household Composition
HHKIDU18	Number of householder's children under 18 years	Household Composition
HHLDKID	Number of householder's children (any age)	Household Composition
HHMAR	Marital status of householder	Household Composition
HHNATVTY	Country of birth of householder	Household Composition
HHPAR	Line number of parent of householder	Household Composition
HHPCARE	Householder has difficulty dressing or bathing	Household Composition
HHPERRND	Householder has difficulty doing errands	Household Composition
HHPHEAR	Householder has difficulty hearing	Household Composition
HHPLINE	Line number of householder	Household Composition
HHPMEMRY	Householder has difficulty concentrating or remembering	Household Composition
HHPSEE	Householder has difficulty seeing	Household Composition
HHPWALK	Householder has difficulty walking or climbing stairs	Household Composition
HHRACE	Race of householder	Household Composition
HHREL	Relationship of householder to household	Household Composition
HHSEX	Sex of householder	Household Composition
HHSPAN	Spanish origin of householder	Household Composition

HHSPOS	Line number of spouse of householder	Household Composition
HHTEN	Householder is owner/renter of unit	Household Composition
HHWLINEQ	Householder worked at all last week	Household Composition
HMEMRY	Household has a member with memory disability (recode)	Household Composition
HSEE	Household has a member with seeing disability (recode)	Household Composition
HWALK	Household has a member with walking disability (recode)	Household Composition
INUSYR	Year came to U.S.	Household Composition
KIDU18	Number of persons living in household 17 years or younger	Household Composition
LANG	Language of interview	Household Composition
LIVEAT	Everyone in household lives or eats together	Household Composition
LONGIT	Characteristics of household in 70/80/90	Household Composition
MAR	Marital status of person	Household Composition
MOVEDLY	Householder moved in last year	Household Composition
NATVTY	Country of birth	Household Composition
NONREL	Number of non-relatives in household	Household Composition
NOSTEP	Entrance accessible w/o steps or stairs	Household Composition
NROWNR	Ownership shared w/ person not living here	Household Composition
NRPAYM	Person not living here help pay mortgage/util	Household Composition
PAR	Line number of parent of person	Household Composition
PCARE	Has self-care disability	Household Composition
PER	Number of persons in household	Household Composition
PERRND	Has go-outside-home disability	Household Composition
PERSINT	Personal/telephone interview	Household Composition
PERSON	Line number of person	Household Composition
PHEAR	Has hearing disability	Household Composition
PLINE	Line number of person	Household Composition
PMEMRY	Has memory disability	Household Composition
PSEE	Has seeing disability	Household Composition
PWALK	Has walking disability	Household Composition
RACE	Race of person	Household Composition
REL	Relationship of person to reference person	Household Composition
REMP	Employed by household	Household Composition
RESPTYP	Type of respondent	Household Composition
SAMEHH	Same household members live in unit	Household Composition
SAMEHH2	Same household members live in unit (recode)	Household Composition
SCHHO	Children in household schooled at home	Household Composition
SCHNO	Nobody in household attends school	Household Composition
SCHOTH	Someone in household attends other type of school	Household Composition
SCHPRI	Someone in household attends private school	Household Composition
SCHPUB	Someone in household attends public school	Household Composition

SEX	Sex of person	Household Composition
SNITEV	Number of nights owner spends at vacant/URE unit	Household Composition
SPAN	Spanish origin of person	Household Composition
SPOS	Line number of spouse of person	Household Composition
STATUS	Interview status	Household Composition
TEN	This person is owner/renter of unit	Household Composition
WHDY	Number of days worked at home	Household Composition
WHHRB	# hours worked at home (self-employed)	Household Composition
WHHRW	# hours worked at home (wage & salary)	Household Composition
WHOME	Work at home for employer	Household Composition
WINUS	Place of work outside the U.S.	Household Composition
WLINEQ	Work at all last week	Household Composition
ZADULT	Number of adults 18+ in household	Household Composition
ZMVGRP	Total Number of mover groups in the household	Household Composition
CROPSL	Receive farm income	Income
FOOD	Meals included in rent paid to household	Income
HHFOOD	Lodger contributes to household for food	Income
HHMORT	Lodger contributes to household for mortgage/rent	Income
HHOTH	Lodger contributes to household for other costs	Income
HHPQALIM	Householder received alimony or child support	Income
HHPQDIV	Householder received dividends from stocks	Income
HHPQINT	Householder received interest from saving, cd, etc.	Income
HHPQOTHER	Householder received unemployment/vet payments/other income	Income
HHPQRENT	Householder received rental income	Income
HHPQRETIR	Householder received retirement or survivor pension	Income
HHPQSAL	Householder has wages/salary	Income
HHPQSELF	Householder received self-employment income	Income
HHPQSS	Householder received social security or pension	Income
HHPQSSI	Householder received supplemental security income	Income
HHPQWELF	Householder received AFDC, TANF or other public assistance	Income
HHPQWKCMP	Householder received workers compensation or other disability payments	Income
HHPVOTHER	Sum of householder's other income	Income
HHSAL	Wage and salary income of householder	Income
HHUTFU	Lodger contributes to household for utilities	Income
INV20K	Total savings/investments over $25,000	Income
LODG	Rent paid by lodgers (rounded)	Income
LODRNT	Amount lodger pays to household	Income
LODSTA	Lodger pays fixed amount to household	Income
LT25K	Income in last 12 months over $25,000	Income

OTHEST	Anyone home who can estimate nonrelative income	Income
PQALIM	Person has alimony or child support income	Income
PQDIV	Person has dividends	Income
PQIDRI	Received interest, dividends, royalty income	Income
PQINT	Person has interest income	Income
PQOTALM	Received VA/unemployment/child support/alimony/other income	Income
PQOTHER	Person has unempl/workers comp/VA/other pay	Income
PQOTHNR	Other income received by nonrelative	Income
PQRENT	Person has rental income	Income
PQRETIR	Received retirement or survivor pension	Income
PQSAL	Wages/salary received by reference person/relative	Income
PQSALNR	Salary received by nonrelative	Income
PQSELF	Received self-employment income	Income
PQSELFNR	Received self-employment income by nonrelative	Income
PQSS	Received Social Security or Railroad Retirement pension	Income
PQSSI	Received Supplemental Security Income	Income
PQWELF	Received AFDC, TANF or other public assistance or welfare program payments	Income
PQWKCMP	Received SSDI, work. comp., vet. or other disability payments	Income
PVOTHER	Sum of a person's other income	Income
QALIM	Received alimony or child support	Income
QBINV	Household has farm or business investments	Income
QBUS	Received income from business/farm/ranch	Income
QDIV	Received dividends from stock	Income
QFS1	Received food stamps in last 12 months	Income
QIDRI	Received interest/rental/royalty/estate income	Income
QINT	Received interest from savings, cd, etc	Income
QMEN	Any income not already mentioned	Income
QOINV	Household has other investments	Income
QOTALM	Received VA/unemploy/child support/alimony/other income	Income
QOTHER	Received unemployment/vet payments/other inc	Income
QRENT	Received rental income	Income
QRETIR	Received retirement or survivor pension	Income
QSAVNG	Household has savings	Income
QSELF	Received self-employment income	Income
QSS	Received social security or pension	Income
QSSI	Received supplemental security income	Income
QWELF	Received AFDC, TANF or other public assistance or welfare program payments	Income
QWKCMP	Received workers compensation or other disability payments	Income
RCARP	Receive help w/ transportation expenses	Income
RCLOT	Receive help with clothing expenses	Income

RCOST	Receive help with rent payments	Income
REPHA	Report income to public housing authority	Income
RGROC	Receive help with grocery bills	Income
RKIDC	Receive help with child care payments	Income
RMEDI	Receive help with medical bills	Income
RNTDUE	Frequency of lodger's rent payment to household	Income
ROTHE	Received other assistance making ends meet	Income
RUTIL	Receive help with utility bills	Income
SAL	Wage & salary income of person	Income
SUBRNT	Government subsidizes rent for unit	Income
SUBRNT1	Government subsidizes rent for unit	Income
SUBRNT2	Government subsidizes rent for unit	Income
VCHER	Received voucher to help pay rent	Income
VOTHER	Total amount of other family income	Income
VOTHER2	Total amount of other household income	Income
ZINC	Family income	Income
ZINC2	Household Income	Income
ZINCH	This month's income same as 1 year ago	Income
ZINCN	Expected income in next 12 months	Income

ACCESSC	Entry system required to access community	Neighborhood
BADPER	People in neighborhood are bothersome	Neighborhood
BADPRP	Undesirable neighborhood/property bothersome	Neighborhood
BADSRV	Poor city/county services are bothersome	Neighborhood
CEFCLOSKNIT	Neighborhood is close knit	Neighborhood
CEFDISRSPCT	Likelihood neighbor would scold disrespectful child	Neighborhood
CEFFIGHTING	Likelihood neighbor would do something if a fight broke out in front of house	Neighborhood
CEFFIRESTA	Likelihood neighbors would take action if fire station threatened by budget cuts	Neighborhood
CEFGETALONG	People in neighborhood get along	Neighborhood
CEFGPBLOCK	Household member belongs to a neighborhood group	Neighborhood
CEFGPCHURCH	Household member belongs to a religious organization	Neighborhood
CEFGPCIVIC	Household member belongs to a civic organization	Neighborhood
CEFHELPNBOR	People in neighborhood are willing to help neighbors	Neighborhood
CEFSHARVALS	Neighbors share the same values	Neighborhood
CEFSKIPSCHL	Likelihood neighbor would do something about children skipping school	Neighborhood
CEFSPKMEETG	Household member has attended a neighborhood meeting	Neighborhood
CEFSPKNBORS	Household member has participated in solving neighborhood problem	Neighborhood
CEFSPKOFFCL	Household member has spoken to a local politician	Neighborhood
CEFSPKPRBLM	Household member has spoken with person or group causing problems	Neighborhood
CEFSPKRELG	Household member has spoken with a religious leader	Neighborhood

CEFSPRYPNT	Likelihood neighbor would do something about children spray-painting graffiti	Neighborhood
CEFTRUSTED	People in neighborhood can be trusted	Neighborhood
COMMRECR	Community recreational facilities available (recode)	Neighborhood
COMMSERV	Community services are available (recode)	Neighborhood
CRIME	Serious neighborhood crime in last 12 months	Neighborhood
CRIMEA	Neighborhood has neighborhood crime	Neighborhood
CRIMEB	Neighborhood crime bothersome	Neighborhood
CRIMEC	Crime so bad you want to move	Neighborhood
DRUGSTORE	Drugstore nearby	Neighborhood
EABAN	Abandoned/vandalized buildings within 1/2 blk	Neighborhood
EAGE	Unit about same age as nearby units	Neighborhood
EAPTBL	Apartment buildings within 1/2 block of unit	Neighborhood
EBARCL	Buildings w/ bars on windows within 1/2 blk	Neighborhood
ECOM1	Business/institutions within 1/2 block	Neighborhood
ECOM2	Factories/other industry within 1/2 block	Neighborhood
EGREEN	Open spaces within 1/2 block of unit	Neighborhood
EHEIGHT	Height of apartment buildings within 1/2 blk	Neighborhood
EHIGH	Apartment buildings 7+ stories tall within 1/2 blk	Neighborhood
EJUNK	Trash/junk in streets/properties in 1/2 blk	Neighborhood
ELOW1	Single-family town/rowhouses in 1/2 blk	Neighborhood
ELOW2	Apartment buildings <4 stories tall within 1/2 blk	Neighborhood
EMID	Apartment buildings 4-6 stories within 1/2 block	Neighborhood
EMOBIL	Mobile homes within 1/2 block of unit	Neighborhood
EPRKG	Parking lots within 1/2 block of unit	Neighborhood
EPRKGA	Nearby parking lots useable by anyone	Neighborhood
EPRKGR	Nearby parking lots for residents only	Neighborhood
EPRKGS	Nearby parking lots for shoppers/workers	Neighborhood
EROAD	Roads within 1/2 block need repairs	Neighborhood
ESFD	Single family homes within 1/2 block	Neighborhood
ETRANS	Railroad/airport/4-lane hwy within 1/2 block	Neighborhood
EWATER	Bodies of water within 1/2 block of unit	Neighborhood
FRIENDS	Household member has friends in the neighborhood	Neighborhood
GATED	Walls/fences surrounding community	Neighborhood
GROCERY	Type of Grocery store nearby	Neighborhood
HOWN	Rating of neighborhood as place to live	Neighborhood
LITTER	Litter in neighborhood bothersome	Neighborhood
NEWTRN	Public transportation available	Neighborhood
NHDBLDMH	Manufactured mobile homes within 1/2 block	Neighborhood
NHDBLDMU	Apartment buildings within 1/2 block	Neighborhood
NHDBLDSUA	Single-family townhouses or row houses within 1/2 block	Neighborhood

NHDBLDSUD	Single-family detached home within 1/2 block	Neighborhood
NOISE	Noise in neighborhood is bothersome	Neighborhood
NOISN1	Hear neighbors through floor/walls/ceiling	Neighborhood
NOISN2	Loudness of neighbor's noise bothersome	Neighborhood
NOISN3	Timing of neighbor's noise bothersome	Neighborhood
NOPROB	Nothing bothersome in neighborhood	Neighborhood
NORC	Majority of neighbors 55+	Neighborhood
NPROBS	Anything bothersome in neighborhood	Neighborhood
ODOR	Neighborhood has bad smells	Neighborhood
ODORA	Neighborhood has bad smells	Neighborhood
ODORB	Neighborhood smells are bothersome	Neighborhood
ODORC	Smells are so bad you want to move	Neighborhood
OTHNHD	Other problems bothersome in neighborhood	Neighborhood
SATPOL	Neighborhood police protection satisfactory	Neighborhood
SCH	Neighborhood public elementary school satisfactory	Neighborhood
SCHCLS	Neighborhood public elementary school within 1 mile	Neighborhood
SCHM	How public elementary school compares academically	Neighborhood
SHARPF	Unit shares plumbing facilities	Neighborhood
SHP	Neighborhood shopping satisfactory	Neighborhood
SHPCLS	Neighborhood stores within 15 minutes	Neighborhood
STRN	Neighborhood has heavy street noise/traffic	Neighborhood
STRNA	Neighborhood has heavy street noise/traffic	Neighborhood
STRNB	Neighborhood street noise/traffic bothersome	Neighborhood
STRNC	St. noise/traffic so bad you want to move	Neighborhood
TALKNBOR	Household member has talked to neighbors in past month	Neighborhood
VOLNTEER	Household member has volunteered in the past 12 months	Neighborhood
AFUEL	Primary type of fuel used for air conditioning	Utilities
AFUR	Forced air furnace as supplemental heating equipment	Utilities
AMTE	Average monthly cost of electricity	Utilities
AMTF	Annual cost of other fuels	Utilities
AMTG	Average monthly cost of gas	Utilities
AMTO	Annual cost of fuel oil	Utilities
BILLE	Type of billing for electricity	Utilities
BILLF	Type of billing for other fuels	Utilities
BILLFE	Other fuels billed with electricity	Utilities
BILLFG	Other fuels billed with gas	Utilities
BILLFO	Other fuels billed with fuel oil	Utilities
BILLFT	Other fuels billed with garbage/trash	Utilities
BILLFW	Other fuels billed with water/sewage	Utilities

BILLG	Type of billing for gas	Utilities
BILLGE	Gas billed with electricity	Utilities
BILLGF	Gas billed with fuel oil	Utilities
BILLGO	Gas billed with other fuels	Utilities
BILLGT	Gas billed with garbage/trash	Utilities
BILLGW	Gas billed with water/sewage	Utilities
BILLO	Type of billing for fuel oil	Utilities
BILLOE	Fuel oil billed with electricity	Utilities
BILLOF	Fuel oil billed with other fuels	Utilities
BILLOG	Fuel oil billed with gas	Utilities
BILLOT	Fuel oil billed with garbage/trash	Utilities
BILLOW	Fuel oil billed with water/sewage	Utilities
BILLT	Type of billing for garbage & trash	Utilities
BILLTE	Garbage/trash billed with electricity	Utilities
BILLTF	Garbage/trash billed with other fuels	Utilities
BILLTG	Garbage/trash billed with gas	Utilities
BILLTO	Garbage/trash billed with fuel oil	Utilities
BILLTW	Garbage/trash billed with water/sewage	Utilities
BILLW	Type of billing for water & sewage	Utilities
BILLWE	Water/sewage billed with electricity	Utilities
BILLWF	Water/sewage billed with other fuels	Utilities
BILLWG	Water/sewage billed with gas	Utilities
BILLWO	Water/sewage billed with fuel oil	Utilities
BILLWT	Water/sewage billed with garbage/trash	Utilities
BUYE	Pay for electricity separately	Utilities
BUYE2	Pay for electricity separately	Utilities
BUYF	Pay for other fuels separately	Utilities
BUYF2	Pay for other fuels separately	Utilities
BUYG	Pay for gas separately	Utilities
BUYG2	Pay for gas separately	Utilities
BUYO	Pay for fuel oil separately	Utilities
BUYO2	Pay for fuel oil separately	Utilities
CFUEL	Fuel used most for cooking	Utilities
COKST	Cook stove used as supplemental heating equipment	Utilities
DAFUR	Forced air furnace - DK if supplemental/parallel	Utilities
DCOKST	Cookstove - DK if supplemental/parallel heat equipment	Utilities
DEGREE	Average heating/cooling degree days	Utilities
DELECT	Built-in electric unit-DK if supplemental/parallel	Utilities
DFLOT	Vented room heater - DK if supplemental/parallel	Utilities
DFRPL	Fireplace w/out inserts-DK supplemental/parallel	Utilities

DFRPLI	Fireplace w/ inserts-DK if supplemental/parallel	Utilities
DFUEL	Fuel used by clothes dryer	Utilities
DHOTH	Other type of heat equipment-DK if supplemental/parallel	Utilities
DHPMP	Heat pump - DK is supplemental/parallel heat equipment	Utilities
DPLF	Pipeless furnace - DK if supplemental/parallel	Utilities
ELECT	Electrical units used as supplemental heat equipment	Utilities
FAFUR	Fuel used by forced warm-air furnace	Utilities
FCOKST	Fuel used by cookstove	Utilities
FELECT	Fuel used by built-in electric units	Utilities
FFLIN	Fuel used by unvented room heaters	Utilities
FFLOT	Fuel used by vented room heaters	Utilities
FFRPL	Fuel used by fireplace without inserts	Utilities
FFRPLI	Fuel used by fireplace with inserts	Utilities
FHOTH	Fuel used by other supplemental heating equipment	Utilities
FHPMP	Fuel used by electric heat pump	Utilities
FLIN	Room heater not vented to outside	Utilities
FPLF	Fuel used by built-in pipeless furnace	Utilities
FPORTH	Fuel used by portable electric heaters	Utilities
FSTEAM	Fuel used by steam/hot water system	Utilities
FSTOVE	Fuel used by woodburning/franklin stove	Utilities
GASPI2	Source of gas heat for vacant units	Utilities
GASPIP	Gas from underground pipes or bottles	Utilities
HEQUIP	Main heating equipment	Utilities
HFUEL	Fuel used most for heating unit	Utilities
HOTH	Other equipment used as supplemental heating equipment	Utilities
HPMP	Heat pump used as supplemental heating equipment	Utilities
NONE	No supplemental heating equipment	Utilities
OAFUEL	Secondary fuel used by other central a/c unit	Utilities
PAFUR	Forced air furnace is parallel supplemental equipment	Utilities
PCOKST	Cookstove is parallel supplemental heating equipment	Utilities
PELECT	Built-in electric unit is parallel equipment	Utilities
PFLOT	Vented room heater is parallel supplemental equipment	Utilities
PFRPL	Fireplace without inserts is parallel equipment	Utilities
PFRPLI	Fireplace w/ inserts is parallel equipment	Utilities
PHOTH	Some other type is parallel supplemental equipment	Utilities
PHPMP	Heat pump is parallel supplemental equipment	Utilities
PLF	Pipeless furnace used as supplemental heating equipment	Utilities
PORTH	Portable electric heaters used as supplemental heating equipment	Utilities
PPLF	Pipeless furnace is parallel supplemental equipment	Utilities
PSTEAM	Steam/hot water system is parallel equipment	Utilities

PSTOVE	Woodburning stove is parallel supplemental equipment	Utilities
SAFUR	Forced air furnace is supplemental heating equipment	Utilities
SAMEELEC	Electricity flat billed	Utilities
SAMEGAS	Gas flat billed	Utilities
SCOAL	Supplemental heating equipment uses coal/coke	Utilities
SCOKST	Cookstove is supplemental heating equipment	Utilities
SELECT	Built-in electric units are supplemental heat equipment	Utilities
SFLIN	Unvented room heaters are supplemental heat equipment	Utilities
SFLOT	Vented room heaters are supplemental heat equipment	Utilities
SFRPL	Fireplace without inserts is supplemental equipment	Utilities
SFRPLI	Fireplace w/ inserts is supplemental heat equipment	Utilities
SGAS	Supplemental heating equipment uses gas	Utilities
SHOTH	Some other type is supplemental heating equipment	Utilities
SHPMP	Heat pump is supplemental heating equipment	Utilities
SJUICE	Supplemental heating equipment uses electricity	Utilities
SKERO	Supplemental heating equipment uses kerosene	Utilities
SOIL	Supplemental heating equipment uses fuel oil	Utilities
SOTHER	Supplemental heating equipment uses other fuel	Utilities
SPLF	Pipeless furnace is supplemental heating equipment	Utilities
SPORTH	Portable heaters are supplemental heating equipment	Utilities
SSTEAM	Steam/hot water system is supplemental heat equipment	Utilities
SSTOVE	Woodburning stove is supplemental heating equipment	Utilities
SSUN	Supplemental heating equipment uses solar energy	Utilities
STOVE	Wood stove used as supplemental heating equipment	Utilities
SWOOD	Supplemental heating equipment uses wood	Utilities
USEGAS	Household uses gas	Utilities
USELECT	Household uses electricity	Utilities
USEOIL	Household uses oil	Utilities
USEOTHR	Household uses other fuels	Utilities
WFUEL	Fuel used most to heat water	Utilities
ALMV	All movers lived in same previous residence	Recent Movers
FAMGRP	Family mover group	Recent Movers
HEARHS	How respondent learned about this unit	Recent Movers
HHMOVE	Year householder moved in	Recent Movers
HHMOVM	Month householder moved in	Recent Movers
HHMVG	Recent mover group of householder	Recent Movers
HUHIS	What happened to the old unit	Recent Movers
LISCH	Any changes to apartment in last 2 years	Recent Movers
MOVE	Year person moved in	Recent Movers

MOVGRP	Recent mover group	Recent Movers
MOVM	Month person moved in	Recent Movers
MOVYR	Year person moved in (single file version)	Recent Movers
MVCNT1	Number of people in mover group #1	Recent Movers
MVCNT2	Number of people in mover group #2	Recent Movers
MVCNT3	Number of people in mover group #3	Recent Movers
MVG	Recent mover group	Recent Movers
NLBSY	Stopped looking at homes - too busy	Recent Movers
NLHPPY	Stopped looking - happy with this unit	Recent Movers
NLMOBL	Stopped looking - had trouble traveling	Recent Movers
NLMOV	Stopped looking - had to move quickly	Recent Movers
NLNLIK	Stopped looking - don’t like looking	Recent Movers
NLNPR	Stopped looking for no particular reason	Recent Movers
NLOTHR	Stopped looking for some other reason	Recent Movers
NLUNK	Stopped looking - didn’t know of others	Recent Movers
NUMHS	# homes looked at before choosing this one	Recent Movers
PMOVM	Month of previous move before this one	Recent Movers
PMOVYR	Year of previous move before this one	Recent Movers
RMOV	Mover group number	Recent Movers
TLRMOV	Number of people moved into unit in last 2 years	Recent Movers
WHAVL	Liked unit because only one available	Recent Movers
WHDSN	Liked unit because of room layout/design	Recent Movers
WHEXT	Liked unit because of exterior appearance	Recent Movers
WHFIN	Liked unit for financial reasons	Recent Movers
WHKIT	Liked unit because of kitchen	Recent Movers
WHNHD	Liked unit because of neighborhood	Recent Movers
WHOTH	Liked unit for other reasons	Recent Movers
WHQUL	Liked unit because of construction quality	Recent Movers
WHSIZ	Liked unit because of size	Recent Movers
WHYMOVE	Main reason moved	Recent Movers
WHYRD	Liked unit because of yard/trees/view	Recent Movers
WHYTOH	Main reason this unit was chosen	Recent Movers
WHYTON	Main reason this neighborhood was chosen	Recent Movers
WMCHEP	Moved here for less expensive rent/maintenance	Recent Movers
WMCHTN	Moved here to own not rent or vice versa	Recent Movers
WMCLOS	Moved to be closer to work/school/other	Recent Movers
WMCNDO	Moved because unit was going condo/co-op	Recent Movers
WMDISL	Moved because of disaster loss	Recent Movers
WMEVIC	Main reason for moving – eviction	Recent Movers
WMFAML	Moved for other family/personal reasons	Recent Movers

WMFEMP	Moved for other financial/employment reasons	Recent Movers
WMFORE	Moved for foreclosure reasons	Recent Movers
WMGOVP	Moved because government using land/unit	Recent Movers
WMGOVT	Force to move by government	Recent Movers
WMHOUS	Moved for other housing related reasons	Recent Movers
WMJOBS	Moved for new job or job transfer	Recent Movers
WMLARG	Moved because needed larger unit	Recent Movers
WMMARR	Moved because of marital status change	Recent Movers
WMNFIT	Moved because unit was condemned	Recent Movers
WMONHH	Moved to establish own household	Recent Movers
WMOTHR	Moved for some other reason	Recent Movers
WMOWNR	Moved because owner taking over unit	Recent Movers
WMPRIV	Moved because private company/person wants unit	Recent Movers
WMQUAL	Moved to obtain higher quality unit	Recent Movers
WMREPR	Moved because unit closed for repairs	Recent Movers
WNAMEN	Liked unit because of convenience to amenities	Recent Movers
WNFAMILR	Liked unit because of familiarity	Recent Movers
WNFUN	Chose neighborhood for close leisure activity	Recent Movers
WNHOME	Chose neighborhood because of unit	Recent Movers
WNJOB	Chose neighborhood because close to work	Recent Movers
WNLOOK	Chose neighborhood for its looks/design	Recent Movers
WNOTHR	Chose neighborhood for other reasons	Recent Movers
WNPEPL	Chose neighborhood since close to friends/family	Recent Movers
WNSAFETY	Liked unit because of safety	Recent Movers
WNSCH	Chose neighborhood because of good schools	Recent Movers
WNSRV	Chose neighborhood for other public services	Recent Movers
WNTRAN	Chose neighborhood since close to public trans.	Recent Movers
XCOND	Previous residence was condo/co-op	Recent Movers
XCOOP	Previous residence was a cooperative	Recent Movers
XCOST	Current housing costs same as old unit	Recent Movers
XHEAD	Previous unit owned/rented by one who moved here	Recent Movers
XHRATE	Current unit better/worse than old unit	Recent Movers
XINUS	Previous residence outside United States	Recent Movers
XNRATE	Current neighborhood better/worse than old one	Recent Movers
XPER	# people living in last unit before move	Recent Movers
XREL	Previous unit owner/rented by relative	Recent Movers
XTEN	Tenure of previous residence	Recent Movers
XUNIT	Type of unit of previous residence	Recent Movers
AMPM	Time usually leave for work - am or pm	Commuting

CARS	Number of cars kept for use by household members	Commuting
DISTJ	Number of miles traveled to work	Commuting
HJOB	Reports to work at same place each day	Commuting
PASS	Number of passengers in carpool	Commuting
TIMEJ	Length of trip to work	Commuting
TIMETRN	Travel time to nearest bus stop, train station, or subway stop	Commuting
TRAN	Method of transportation to work	Commuting
TRN	Is the public transportation satisfactory?	Commuting
TRUCKS	Number of vans or trucks for household use	Commuting
USETRN	Someone in household uses public transportation regularly	Commuting
VEHCL	Drive to work alone or with others	Commuting
WTIME	Time usually leave for work	Commuting
ANCHOR	Method used to anchor mobile home	Mobile Homes
CAMF	Frequency of assoc/mobile home park fee	Mobile Homes
CAMFQ	Frequency of assoc/mobile home park fee	Mobile Homes
FRSIT	First site mobile home ever placed on	Mobile Homes
IFOTHF	Other mobile home fees required	Mobile Homes
MH41	Model year of 1st mobile home used for living quarters	Mobile Homes
MH42	Model year of 2nd mobile home used for living quarters	Mobile Homes
MH43	Model year of 3rd mobile home used for living quarters	Mobile Homes
MH44	Model year of 4th mobile home used for living quarters	Mobile Homes
MH45	Model year of 5th mobile home used for living quarters	Mobile Homes
MHGONE	Old mobile home gone	Mobile Homes
MHSETQ	Type of mobile home foundation	Mobile Homes
MHSTAY	Mobile home to stay or be moved	Mobile Homes
TPARK	Number of mobile homes in group	Mobile Homes
BEAF78	Unit built before/after 1978	Lead Based Paint
BIGP	Area of peeling paint larger than 8 x 11	Lead Based Paint
BIGPEL	Peeling paint outside larger than door	Lead Based Paint
EVRTES	Unit ever tested for lead paint	Lead Based Paint
LDMAYB	Seller/agent said lead paint possible	Lead Based Paint
LDTEST	Unit tested for lead paint	Lead Based Paint
MUSTEL	Knew you must be told about lead paint	Lead Based Paint
OUTPEL	Outside paint peeling or flaking	Lead Based Paint
OUTPNT	Any part of outside of unit painted	Lead Based Paint
PAPHLT	Received pamphlet about lead paint	Lead Based Paint
PEELAM	Number of other rooms with peeling paint	Lead Based Paint
PEELSZ	Size of area of peeling/flaking paint	Lead Based Paint

SMPEEL	Peeling paint more/less than 1/2 door	Lead Based Paint
SNDPNT	Old paint sanded or scraped	Lead Based Paint
TPBPAI	Unit tested for lead paint before purchase	Lead Based Paint
TPBPIP	Lead pipes inspected before purchase	Lead Based Paint
TPBSOL	Lead solder inspected before purchase	Lead Based Paint
APTAD	Space added to apartment	Upgrade and Remodeling
APTCH	Type of change to apartment	Upgrade and Remodeling
APTCM	Apartment combined with other apartment	Upgrade and Remodeling
APTSP	Apartment split into several apartments	Upgrade and Remodeling
CABNX	Number of cabinets replaced/repaired	Upgrade and Remodeling
CABREP	Replaced/repaired any cabinets in unit	Upgrade and Remodeling
DOORX	Number of doors replaced/repaired	Upgrade and Remodeling
ENEFIC	Jobs done for energy efficiency	Upgrade and Remodeling
RAC	Cost of replacements/additions to unit	Upgrade and Remodeling
RACOST	Cost of alteration/repair (single file version)	Upgrade and Remodeling
RAD	Cost of alteration/repair	Upgrade and Remodeling
RAH	Household member performed alteration/repair	Upgrade and Remodeling
RAN	Number of replacements/additions made to unit	Upgrade and Remodeling
RAS	Type of alteration/repair - 1999 version	Upgrade and Remodeling
RAW	Alteration/repair is addition/replacement	Upgrade and Remodeling
RAY	Year alteration/repair completed	Upgrade and Remodeling
SUBFIX	Household got government loan/grant for alterations	Upgrade and Remodeling
TAXCRD	Energy tax credit	Upgrade and Remodeling
TAXINC	Tax incentives for energy efficiency improvements	Upgrade and Remodeling
USFCAM	Amount of square foot change in unit	Upgrade and Remodeling
USFCHG	Change in square footage of unit	Upgrade and Remodeling
WALLX	# inside walls/ceilings repaired/replaced	Upgrade and Remodeling
WALREP	Inside walls/ceilings repaired/replaced	Upgrade and Remodeling
WINREP	Windows repaired or replaced	Upgrade and Remodeling
WINX	Number of windows repaired or replaced	Upgrade and Remodeling
JAFUEL	Edit flag for AFUEL	Allocation Variables
JAGE	Edit flag for AGE	Allocation Variables
JAIR	Edit flag for AIR	Allocation Variables
JALMV	Edit flag for ALMV	Allocation Variables
JAMEDU	Edit flag for SAMEDU	Allocation Variables
JAMRTZ	Edit flag for AMRTZ	Allocation Variables
JAMTE	Edit flag for AMTE	Allocation Variables
JAMTF	Edit flag for AMTF	Allocation Variables

JAMTG	Edit flag for AMTG	Allocation Variables
JAMTI	Edit flag for AMTI	Allocation Variables
JAMTM	Edit flag for AMTM	Allocation Variables
JAMTM2	Edit flag for AMTM2	Allocation Variables
JAMTM3	Edit flag for AMTM3	Allocation Variables
JAMTO	Edit flag for AMTO	Allocation Variables
JAMTT	Edit flag for AMTT	Allocation Variables
JAMTW	Edit flag for AMTW	Allocation Variables
JANPMT	Edit flag for LANPMT	Allocation Variables
JANVAR	Edit flag for CANVAR	Allocation Variables
JANVR2	Edit flag for CANVR2	Allocation Variables
JANVR3	Edit flag for CANVR3	Allocation Variables
JAPPLY	Edit flag for APPLY	Allocation Variables
JARAGE	Edit flag for GARAGE	Allocation Variables
JARSYS	Edit flag for OARSYS	Allocation Variables
JASPI2	Edit flag for GASPI2	Allocation Variables
JASPIP	Edit flag for GASPIP	Allocation Variables
JATBUY	Edit flag for MATBUY	Allocation Variables
JATBY2	Edit flag for MATBY2	Allocation Variables
JATBY3	Edit flag for MATBY3	Allocation Variables
JATERS	Edit flag for WATERS	Allocation Variables
JATVTY	Edit flag for NATVTY	Allocation Variables
JAUNDY	Edit flag for LAUNDY	Allocation Variables
JAXPMT	Edit flag for TAXPMT	Allocation Variables
JBANK	Edit flag for BANK	Allocation Variables
JBANK2	Edit flag for BANK2	Allocation Variables
JBANK3	Edit flag for BANK3	Allocation Variables
JBATHS	Edit flag for BATHS	Allocation Variables
JBEDX	Edit flag for BEDX	Allocation Variables
JBIGP	Edit flag for BIGP	Allocation Variables
JBILLE	Edit flag for BILLE	Allocation Variables
JBILLF	Edit flag for BILLF	Allocation Variables
JBILLG	Edit flag for BILLG	Allocation Variables
JBILLO	Edit flag for BILLO	Allocation Variables
JBILLT	Edit flag for BILLT	Allocation Variables
JBILLW	Edit flag for BILLW	Allocation Variables
JBLON2	Edit flag for BLOON2	Allocation Variables
JBLON3	Edit flag for BLOON3	Allocation Variables
JBLOON	Edit flag for BLOON	Allocation Variables
JBSINK	Edit flag for BSINK	Allocation Variables

JBUILT	Edit flag for BUILT	Allocation Variables
JBUSIN	Edit flag for BUSIN	Allocation Variables
JBUYE	Edit flag for BUYE	Allocation Variables
JBUYE2	Edit flag for BUYE2	Allocation Variables
JBUYF	Edit flag for BUYF	Allocation Variables
JBUYF2	Edit flag for BUYF2	Allocation Variables
JBUYG	Edit flag for BUYG	Allocation Variables
JBUYG2	Edit flag for BUYG2	Allocation Variables
JBUYI	Edit flag for BUYI	Allocation Variables
JBUYO	Edit flag for BUYO	Allocation Variables
JBUYO2	Edit flag for BUYO2	Allocation Variables
JBUYT	Edit flag for BUYT	Allocation Variables
JBUYT2	Edit flag for BUYT2	Allocation Variables
JBUYW	Edit flag for BUYW	Allocation Variables
JBUYW2	Edit flag for BUYW2	Allocation Variables
JCARS	Edit flag for CARS	Allocation Variables
JCCESS	Edit flag for ACCESS	Allocation Variables
JCFUEL	Edit flag for CFUEL	Allocation Variables
JCLIMB	Edit flag for CLIMB	Allocation Variables
JCNTRL	Edit flag for RCNTRL	Allocation Variables
JCONDO	Edit flag for CONDO	Allocation Variables
JCOOK	Edit flag for COOK	Allocation Variables
JCPRIC	Edit flag for CPRICE	Allocation Variables
JDAFUR	Edit flag for DAFUR	Allocation Variables
JDATE	Edit flag for DATE	Allocation Variables
JDBINREAS	Edit flag for DBINREAS	Allocation Variables
JDBINVOL	Edit flag for DBINVOL	Allocation Variables
JDBINWHER	Edit flag for DBINWHER	Allocation Variables
JDBINWHY	Edit flag for DBINWHY	Allocation Variables
JDBMOUT	Edit flag for DBOUTMOVE	Allocation Variables
JDCOOK	Edit flag for DCOKST	Allocation Variables
JDELEC	Edit flag for DELECT	Allocation Variables
JDENS	Edit flag for DENS	Allocation Variables
JDFLIN	Edit flag for DFLIN	Allocation Variables
JDFLOT	Edit flag for DFLOT	Allocation Variables
JDFPLI	Edit flag for DFRPLI	Allocation Variables
JDFRPL	Edit flag for DFRPL	Allocation Variables
JDFUEL	Edit flag for DFUEL	Allocation Variables
JDHOTH	Edit flag for DHOTH	Allocation Variables
JDHPMP	Edit flag for DHPMP	Allocation Variables

JDIRAC	Edit flag for ODIRAC	Allocation Variables
JDISH	Edit flag for DISH	Allocation Variables
JDISPL	Edit flag for DISPL	Allocation Variables
JDISTJ	Edit flag for DISTJ	Allocation Variables
JDPLF	Edit flag for DPLF	Allocation Variables
JDPORH	Edit flag for DPORTH	Allocation Variables
JDRY	Edit flag for DRY	Allocation Variables
JDSTEA	Edit flag for DSTEAM	Allocation Variables
JDSTOV	Edit flag for DSTOVE	Allocation Variables
JEDRMS	Edit flag for BEDRMS	Allocation Variables
JEELAM	Edit flag for PEELAM	Allocation Variables
JEGMOR	Edit flag for REGMOR	Allocation Variables
JELDUS	Edit flag for WELDUS	Allocation Variables
JELEV	Edit flag for ELEV	Allocation Variables
JELLAR	Edit flag for CELLAR	Allocation Variables
JELUMN	Edit flag for HELUMN	Allocation Variables
JELUMP	Edit flag for HELUMP	Allocation Variables
JENURE	Edit flag for TENURE	Allocation Variables
JEQUIP	Edit flag for HEQUIP	Allocation Variables
JEROACH	Edit flag for EROACH	Allocation Variables
JESMOR	Edit flag for RESMOR	Allocation Variables
JESMR2	Edit flag for RESMR2	Allocation Variables
JEVROD	Edit flag for EVROD	Allocation Variables
JEWDIS	Edit flag for SEWDIS	Allocation Variables
JEWDUS	Edit flag for SEWDUS	Allocation Variables
JEWMOR	Edit flag for NEWMOR	Allocation Variables
JEWMR2	Edit flag for NEWMR2	Allocation Variables
JEWMR3	Edit flag for NEWMR3	Allocation Variables
JEXCLU	Edit flag for KEXCLU	Allocation Variables
JFAFUR	Edit flag for FAFUR	Allocation Variables
JFAMRM	Edit flag for FAMRM	Allocation Variables
JFARM2	Edit flag for MFARM2	Allocation Variables
JFBLOW	Edit flag for IFBLOW	Allocation Variables
JFCOLD	Edit flag for IFCOLD	Allocation Variables
JFCOOK	Edit flag for FCOKST	Allocation Variables
JFELEC	Edit flag for FELECT	Allocation Variables
JFFLIN	Edit flag for FFLIN	Allocation Variables
JFFLOT	Edit flag for FFLOT	Allocation Variables
JFFPLI	Edit flag for FFRPLI	Allocation Variables
JFFRPL	Edit flag for FFRPL	Allocation Variables

JFHOTH	Edit flag for FHOTH	Allocation Variables
JFHPMP	Edit flag for FHPMP	Allocation Variables
JFOTHF	Edit flag for IFOTHF	Allocation Variables
JFPLF	Edit flag for FPLF	Allocation Variables
JFPLWK	Edit flag for FPLWK	Allocation Variables
JFPORH	Edit flag for FPORTH	Allocation Variables
JFRENT	Edit flag for FRENT	Allocation Variables
JFSTEA	Edit flag for FSTEAM	Allocation Variables
JFSTOV	Edit flag for FSTOVE	Allocation Variables
JGRAD	Edit flag for GRAD	Allocation Variables
JHALFB	Edit flag for HALFB	Allocation Variables
JHARAT	Edit flag for SHARAT	Allocation Variables
JHARFR	Edit flag for SHARFR	Allocation Variables
JHARPF	Edit flag for SHARPF	Allocation Variables
JHECR1	Edit flag for HECR1	Allocation Variables
JHERE	Edit flag for HERE	Allocation Variables
JHFUEL	Edit flag for HFUEL	Allocation Variables
JHHAGE	Edit flag for HHAGE	Allocation Variables
JHHATVTY	Edit flag for HHNATVTY	Allocation Variables
JHHGRAD	Edit flag for HHGRAD	Allocation Variables
JHHITSHP	Edit flag for HHCITSHP	Allocation Variables
JHHMAR	Edit flag for HHMAR	Allocation Variables
JHHMOVE	Edit flag for HHMOVE	Allocation Variables
JHHMOVM	Edit flag for HHMOVM	Allocation Variables
JHHMVG	Edit flag for HHMVG	Allocation Variables
JHHNUSYR	Edit flag for HHINUSYR	Allocation Variables
JHHPAR	Edit flag for HHPAR	Allocation Variables
JHHPQALIM	Edit flag for HHPQALIM	Allocation Variables
JHHPQDIV	Edit flag for HHPQDIV	Allocation Variables
JHHPQINT	Edit flag for HHPQINT	Allocation Variables
JHHPQOTHER	Edit flag for HHPQOTHER	Allocation Variables
JHHPQRENT	Edit flag for HHPQRENT	Allocation Variables
JHHPQRETIR	Edit flag for HHPQRETIR	Allocation Variables
JHHPQSAL	Edit flag for HHPQSAL	Allocation Variables
JHHPQSELF	Edit flag for HHPQSELF	Allocation Variables
JHHPQSS	Edit flag for HHPQSS	Allocation Variables
JHHPQSSI	Edit flag for HHPQSSI	Allocation Variables
JHHPQWELF	Edit flag for HHPQWELF	Allocation Variables
JHHPQWKCMP	Edit flag for HHPQWKCMP	Allocation Variables
JHHPVOTHER	Edit flag for HHPVOTHER	Allocation Variables

JHHRACE	Edit flag for HHRACE	Allocation Variables
JHHREL	Edit flag for HHREL	Allocation Variables
JHHSAL	Edit flag for HHSAL	Allocation Variables
JHHSEX	Edit flag for HHSEX	Allocation Variables
JHHSPAN	Edit flag for HHSPAN	Allocation Variables
JHHSPOS	Edit flag for HHSPOS	Allocation Variables
JHNGET	Edit flag for WHNGET	Allocation Variables
JHOLES	Edit flag for HOLES	Allocation Variables
JHOTFE	Edit flag for MHOTFE	Allocation Variables
JHSTAY	Edit flag for MHSTAY	Allocation Variables
JHYMOV	Edit flag for WHYMOVE	Allocation Variables
JHYTOH	Edit flag for WHYTOH	Allocation Variables
JHYTON	Edit flag for WHYTON	Allocation Variables
JIFDRY	Edit flag for IFDRY	Allocation Variables
JIFFEE	Edit flag for IFFEE	Allocation Variables
JIFSEW	Edit flag for IFSEW	Allocation Variables
JIFTLT	Edit flag for IFTLT	Allocation Variables
JILEAK	Edit flag for ILEAK	Allocation Variables
JILLFE	Edit flag for BILLFE	Allocation Variables
JILLFG	Edit flag for BILLFG	Allocation Variables
JILLFO	Edit flag for BILLFO	Allocation Variables
JILLFT	Edit flag for BILLFT	Allocation Variables
JILLFW	Edit flag for BILLFW	Allocation Variables
JILLGE	Edit flag for BILLGE	Allocation Variables
JILLGF	Edit flag for BILLGF	Allocation Variables
JILLGO	Edit flag for BILLGO	Allocation Variables
JILLGT	Edit flag for BILLGT	Allocation Variables
JILLGW	Edit flag for BILLGW	Allocation Variables
JILLOE	Edit flag for BILLOE	Allocation Variables
JILLOF	Edit flag for BILLOF	Allocation Variables
JILLOG	Edit flag for BILLOG	Allocation Variables
JILLOT	Edit flag for BILLOT	Allocation Variables
JILLOW	Edit flag for BILLOW	Allocation Variables
JILLTE	Edit flag for BILLTE	Allocation Variables
JILLTF	Edit flag for BILLTF	Allocation Variables
JILLTG	Edit flag for BILLTG	Allocation Variables
JILLTO	Edit flag for BILLTO	Allocation Variables
JILLTW	Edit flag for BILLTW	Allocation Variables
JILLWE	Edit flag for BILLWE	Allocation Variables
JILLWF	Edit flag for BILLWF	Allocation Variables

JILLWG	Edit flag for BILLWG	Allocation Variables
JILLWO	Edit flag for BILLWO	Allocation Variables
JILLWT	Edit flag for BILLWT	Allocation Variables
JIMSHR	Edit flag for TIMSHR	Allocation Variables
JINCO2	Edit flag for PINCO2	Allocation Variables
JINCOP	Edit flag for PINCOP	Allocation Variables
JINCS	Edit flag for INCS	Allocation Variables
JINING	Edit flag for DINING	Allocation Variables
JINTF	Edit flag for INTF	Allocation Variables
JINTF2	Edit flag for INTF2	Allocation Variables
JINTF3	Edit flag for INTF3	Allocation Variables
JINTW	Edit flag for INTW	Allocation Variables
JINTW2	Edit flag for INTW2	Allocation Variables
JINTW3	Edit flag for INTW3	Allocation Variables
JIRSYS	Edit flag for AIRSYS	Allocation Variables
JITSHP	Edit flag for CITSHP	Allocation Variables
JIVING	Edit flag for LIVING	Allocation Variables
JKITCH	Edit flag for KITCH	Allocation Variables
JLEAK	Edit flag for LEAK	Allocation Variables
JLINE1	Edit flag for DLINE1	Allocation Variables
JLOORS	Edit flag for FLOORS	Allocation Variables
JLOT	Edit flag for LOT	Allocation Variables
JLPRIC	Edit flag for LPRICE	Allocation Variables
JLRENT	Edit flag for LRENT	Allocation Variables
JLT25K	Edit flag for LT25K	Allocation Variables
JM12ROACH	Edit flag for M12ROACH	Allocation Variables
JM12ROD	Edit flag for M12ROD	Allocation Variables
JM3ROD	Edit flag for M3ROD	Allocation Variables
JMAMT2	Edit flag for PMAMT2	Allocation Variables
JMAMT3	Edit flag for PMAMT3	Allocation Variables
JMAR	Edit flag for MAR	Allocation Variables
JMARKT	Edit flag for MARKT	Allocation Variables
JMCHEP	Edit flag for WMCHEP	Allocation Variables
JMCHTN	Edit flag for WMCHTN	Allocation Variables
JMCLOS	Edit flag for WMCLOS	Allocation Variables
JMCNDO	Edit flag for WMCNDO	Allocation Variables
JMCNT	Edit flag for MCNT	Allocation Variables
JMCOM	Edit flag for MCOM	Allocation Variables
JMCOM2	Edit flag for MCOM2	Allocation Variables
JMDISL	Edit flag for WMDISL	Allocation Variables

JMEVIC	Edit flag for WMEVIC	Allocation Variables
JMFAML	Edit flag for WMFAML	Allocation Variables
JMFARM	Edit flag for MFARM	Allocation Variables
JMFEMP	Edit flag for WMFEMP	Allocation Variables
JMFORE	Edit flag for WMFORE	Allocation Variables
JMG	Edit flag for MG	Allocation Variables
JMGOVP	Edit flag for WMGOVP	Allocation Variables
JMGOVT	Edit flag for WMGOVT	Allocation Variables
JMHOUS	Edit flag for WMHOUS	Allocation Variables
JMIAMT	Edit flag for PMIAMT	Allocation Variables
JMICE	Edit flag for MICE	Allocation Variables
JMIPMT	Edit flag for PMIPMT	Allocation Variables
JMJOBS	Edit flag for WMJOBS	Allocation Variables
JMLARG	Edit flag for WMLARG	Allocation Variables
JMMARR	Edit flag for WMMARR	Allocation Variables
JMMORT	Edit flag for AMMORT	Allocation Variables
JMMRT2	Edit flag for AMMRT2	Allocation Variables
JMMRT3	Edit flag for AMMRT3	Allocation Variables
JMMRT4	Edit flag for AMMRT4	Allocation Variables
JMONHH	Edit flag for WMONHH	Allocation Variables
JMOSALL	Edit flag for MOSALL	Allocation Variables
JMOTHR	Edit flag for WMOTHR	Allocation Variables
JMOVAC	Edit flag for MOVAC	Allocation Variables
JMOVE	Edit flag for MOVE	Allocation Variables
JMOVM	Edit flag for MOVM	Allocation Variables
JMOWNR	Edit flag for WMOWNR	Allocation Variables
JMPMT2	Edit flag for PMPMT2	Allocation Variables
JMPRIV	Edit flag for WMPRIV	Allocation Variables
JMQUAL	Edit flag for WMQUAL	Allocation Variables
JMRTZ2	Edit flag for AMRTZ2	Allocation Variables
JMRTZ3	Edit flag for AMRTZ3	Allocation Variables
JMVG	Edit flag for MVG	Allocation Variables
JNFEEQ	Edit flag for CONFEEQ	Allocation Variables
JNHOME	Edit flag for WNHOME	Allocation Variables
JNITSF	Edit flag for UNITSF	Allocation Variables
JNLOOK	Edit flag for WNLOOK	Allocation Variables
JNOOTH	Edit flag for NOOTHRM	Allocation Variables
JNOTHR	Edit flag for WNOTHR	Allocation Variables
JNPEPL	Edit flag for WNPEPL	Allocation Variables
JNPMT2	Edit flag for INPMT2	Allocation Variables

JNPMT3	Edit flag for INPMT3	Allocation Variables
JNSPMT	Edit flag for INSPMT	Allocation Variables
JNTRAN	Edit flag for WNTRAN	Allocation Variables
JNUSYR	Edit flag for INUSYR	Allocation Variables
JNYCAR	Edit flag for ANYCAR	Allocation Variables
JNYRUG	Edit flag for ANYRUG	Allocation Variables
JOAFUE	Edit flag for OAFUEL	Allocation Variables
JOILET	Edit flag for TOILET	Allocation Variables
JOOMSA	Edit flag for ROOMSA	Allocation Variables
JOPERM	Edit flag for MOPERM	Allocation Variables
JORTIN	Edit flag for MORTIN	Allocation Variables
JORTN2	Edit flag for MORTN2	Allocation Variables
JORTN3	Edit flag for MORTN3	Allocation Variables
JOTHFN	Edit flag for OTHFN	Allocation Variables
JOTPIP	Edit flag for HOTPIP	Allocation Variables
JOTSUR	Edit flag for NOTSUR	Allocation Variables
JOVEN	Edit flag for OVEN	Allocation Variables
JOVGRP	Edit flag for MVG (2011 and after) and for MOVGRP (1997-2009)	Allocation Variables
JOWIRE	Edit flag for NOWIRE	Allocation Variables
JPAR	Edit flag for PAR	Allocation Variables
JPASS	Edit flag for PASS	Allocation Variables
JPLUGS	Edit flag for PLUGS	Allocation Variables
JPMOVM	Edit flag for PMOVM	Allocation Variables
JPMT	Edit flag for PMT	Allocation Variables
JPMT2	Edit flag for PMT2	Allocation Variables
JPMT3	Edit flag for PMT3	Allocation Variables
JPMT4	Edit flag for PMT4	Allocation Variables
JPMVYR	Edit flag for PMOVYR	Allocation Variables
JPORCH	Edit flag for PORCH	Allocation Variables
JPQALIM	Edit flag for PQALIM	Allocation Variables
JPQDIV	Edit flag for PQDIV	Allocation Variables
JPQIDRI	Edit flag for PQIDRI	Allocation Variables
JPQINT	Edit flag for PQINT	Allocation Variables
JPQOTALM	Edit flag for PQOTALM	Allocation Variables
JPQOTHER	Edit flag for PQOTHER	Allocation Variables
JPQOTHNR	Edit flag for PQOTHNR	Allocation Variables
JPQRENT	Edit flag for PQRENT	Allocation Variables
JPQRETIR	Edit flag for PQRETIR	Allocation Variables
JPQSAL	Edit flag for PQSAL	Allocation Variables
JPQSALNR	Edit flag for PQSALNR	Allocation Variables

JPQSELF	Edit flag for PQSELF	Allocation Variables
JPQSLFNR	Edit flag for PQSELFNR	Allocation Variables
JPQSS	Edit flag for PQSS	Allocation Variables
JPQSSI	Edit flag for PQSSI	Allocation Variables
JPQWELF	Edit flag for PQWELF	Allocation Variables
JPQWKCMP	Edit flag for PQWKCMP	Allocation Variables
JPRENT	Edit flag for PRENT	Allocation Variables
JPROJ	Edit flag for PROJ	Allocation Variables
JPVALU	Edit flag for PVALUE	Allocation Variables
JPVOTHER	Edit flag for PVOTHER	Allocation Variables
JQALIM	Edit flag for QALIM	Allocation Variables
JQBUS	Edit flag for QBUS	Allocation Variables
JQDIV	Edit flag for QDIV	Allocation Variables
JQIDRI	Edit flag for QIDRI	Allocation Variables
JQINT	Edit flag for QINT	Allocation Variables
JQOTALM	Edit flag for QOTALM	Allocation Variables
JQOTHER	Edit flag for QOTHER	Allocation Variables
JQRENT	Edit flag for QRENT	Allocation Variables
JQRETIR	Edit flag for QRETIR	Allocation Variables
JQSELF	Edit flag for QSELF	Allocation Variables
JQSS	Edit flag for QSS	Allocation Variables
JQSSI	Edit flag for QSSI	Allocation Variables
JQWELF	Edit flag for QWELF	Allocation Variables
JQWKCMP	Edit flag for QWKCMP	Allocation Variables
JRACE	Edit flag for RACE	Allocation Variables
JRACKS	Edit flag for CRACKS	Allocation Variables
JRAD	Edit flag for RAD	Allocation Variables
JRAS	Edit flag for RAS	Allocation Variables
JRATFREQ	Edit flag for RATFREQ	Allocation Variables
JRATS	Edit flag for RATS	Allocation Variables
JRECRM	Edit flag for RECRM	Allocation Variables
JREEZE	Edit flag for FREEZE	Allocation Variables
JREFI	Edit flag for REFI	Allocation Variables
JREFI2	Edit flag for REFI2	Allocation Variables
JREFR	Edit flag for REFR	Allocation Variables
JREL	Edit flag for REL	Allocation Variables
JRENEW	Edit flag for RENEW	Allocation Variables
JRENT	Edit flag for RENT	Allocation Variables
JREUAD	Edit flag for REUAD	Allocation Variables
JRMOR2	Edit flag for YRMOR2	Allocation Variables

JRMOR3	Edit flag for YRMOR3	Allocation Variables
JROACHFRQ	Edit flag for ROACHFRQ	Allocation Variables
JROPSL	Edit flag for CROPSL	Allocation Variables
JRSHOP	Edit flag for DRSHOP	Allocation Variables
JRSTHO	Edit flag for FRSTHO	Allocation Variables
JRSTOC	Edit flag for FRSTOC	Allocation Variables
JRTYP1	Edit flag for MRTYP1	Allocation Variables
JRTYP2	Edit flag for MRTYP2	Allocation Variables
JRTYP3	Edit flag for MRTYP3	Allocation Variables
JRUCKS	Edit flag for TRUCKS	Allocation Variables
JSAL	Edit flag for SAL	Allocation Variables
JSEGAS	Edit flag for USEGAS	Allocation Variables
JSEX	Edit flag for SEX	Allocation Variables
JSFCHG	Edit flag for USFCHG	Allocation Variables
JSFLIN	Edit flag for SFLIN	Allocation Variables
JSINK	Edit flag for SINK	Allocation Variables
JSPAN	Edit flag for SPAN	Allocation Variables
JSPORH	Edit flag for SPORTH	Allocation Variables
JSPOS	Edit flag for SPOS	Allocation Variables
JSTORG	Edit flag for STORG	Allocation Variables
JTBSUN	Edit flag for ATBSUN	Allocation Variables
JTCAS2	Edit flag for GTCAS2	Allocation Variables
JTCAS3	Edit flag for GTCAS3	Allocation Variables
JTCASH	Edit flag for GTCASH	Allocation Variables
JTEN	Edit flag for TEN	Allocation Variables
JTERM	Edit flag for TERM	Allocation Variables
JTERM2	Edit flag for TERM2	Allocation Variables
JTERM3	Edit flag for TERM3	Allocation Variables
JTHPMT	Edit flag for OTHPMT	Allocation Variables
JTHRUN	Edit flag for OTHRUN	Allocation Variables
JTIMEJ	Edit flag for TIMEJ	Allocation Variables
JTPARK	Edit flag for TPARK	Allocation Variables
JTPMT2	Edit flag for OTPMT2	Allocation Variables
JTPMT3	Edit flag for OTPMT3	Allocation Variables
JTRAN	Edit flag for TRAN	Allocation Variables
JTRASH	Edit flag for TRASH	Allocation Variables
JTUB	Edit flag for TUB	Allocation Variables
JTXRE	Edit flag for TXRE	Allocation Variables
JTYPE	Edit flag for TYPE	Allocation Variables
JUBMOR	Edit flag for SUBMOR	Allocation Variables

JUBMR2	Edit flag for SUBMR2	Allocation Variables
JUBRNT	Edit flag for SUBRNT	Allocation Variables
JUBSEW	Edit flag for PUBSEW	Allocation Variables
JUMAIR	Edit flag for NUMAIR	Allocation Variables
JUMSEW	Edit flag for NUMSEW	Allocation Variables
JUNIT2	Edit flag for NUNIT2	Allocation Variables
JUNITS	Edit flag for NUNITS	Allocation Variables
JUNPBAL	Edit flag for UNPBAL	Allocation Variables
JUNPBAL2	Edit flag for UNPBAL2	Allocation Variables
JUNPBAL3	Edit flag for UNPBAL3	Allocation Variables
JUNPBAL4	Edit flag for UNPBAL4	Allocation Variables
JURNER	Edit flag for BURNER	Allocation Variables
JUSELECT	Edit flag for USELECT	Allocation Variables
JUSEOIL	Edit flag for USEOIL	Allocation Variables
JUSEOTHR	Edit flag for USEOTHR	Allocation Variables
JUSPER	Edit flag for BUSPER	Allocation Variables
JVACAN	Edit flag for VACANCY	Allocation Variables
JVALU	Edit flag for VALUE	Allocation Variables
JVARY	Edit flag for VARY	Allocation Variables
JVARY2	Edit flag for VARY2	Allocation Variables
JVARY3	Edit flag for VARY3	Allocation Variables
JVCNT1	Edit flag for MVCNT1	Allocation Variables
JVCNT2	Edit flag for MVCNT2	Allocation Variables
JVCNT3	Edit flag for MVCNT3	Allocation Variables
JVEHCL	Edit flag for VEHCL	Allocation Variables
JVOTHER	Edit flag for VOTHER	Allocation Variables
JVOTHER2	Edit flag for VOTHER2	Allocation Variables
JWALLX	Edit flag for WALLX	Allocation Variables
JWASH	Edit flag for WASH	Allocation Variables
JWATER	Edit flag for WATER	Allocation Variables
JWFUEL	Edit flag for WFUEL	Allocation Variables
JWHAVL	Edit flag for WHAVL	Allocation Variables
JWHDSN	Edit flag for WHDSN	Allocation Variables
JWHDY	Edit flag for WHDY	Allocation Variables
JWHEXT	Edit flag for WHEXT	Allocation Variables
JWHFIN	Edit flag for WHFIN	Allocation Variables
JWHHRB	Edit flag for WHHRB	Allocation Variables
JWHHRW	Edit flag for WHHRW	Allocation Variables
JWHKIT	Edit flag for WHKIT	Allocation Variables
JWHNHD	Edit flag for WHNHD	Allocation Variables

JWHOTH	Edit flag for WHOTH	Allocation Variables
JWHQUL	Edit flag for WHQUL	Allocation Variables
JWHSIZ	Edit flag for WHSIZ	Allocation Variables
JWHYRD	Edit flag for WHYRD	Allocation Variables
JWKCMP	Edit flag for QWKCMP	Allocation Variables
JWNAMEN	Edit flag for WNAMEN	Allocation Variables
JWNFAMILR	Edit flag for WNFAMILR	Allocation Variables
JWNFUN	Edit flag for WNFUN	Allocation Variables
JWNHER	Edit flag for OWNHERE	Allocation Variables
JWNJOB	Edit flag for WNJOB	Allocation Variables
JWNLOT	Edit flag for OWNLOT	Allocation Variables
JWNSAFETY	Edit flag for WNSAFETY	Allocation Variables
JWNSCH	Edit flag for WNSCH	Allocation Variables
JWNSRV	Edit flag for WNSRV	Allocation Variables
JWTIME	Edit flag for WTIME	Allocation Variables
JXCLUS	Edit flag for EXCLUS	Allocation Variables
JXHEAD	Edit flag for XHEAD	Allocation Variables
JXPER	Edit flag for XPER	Allocation Variables
JXPMT2	Edit flag for TXPMT2	Allocation Variables
JXPMT3	Edit flag for TXPMT3	Allocation Variables
JXTEN	Edit flag for XTEN	Allocation Variables
JXUNIT	Edit flag for XUNIT	Allocation Variables
JYRMOR	Edit flag for YRMOR	Allocation Variables
JZINCN	Edit flag for ZINCN	Allocation Variables
FMR	Fair market rent (average)	Income Limits
FMRA	Fair market rent (minimum)	Income Limits
FMRB	Fair market rent (maximum)	Income Limits
IPOV	Poverty level income	Income Limits
L30	Extremely low income limit (average)	Income Limits
L30A	Extremely low income limit (minimum)	Income Limits
L30B	Extremely low income limit (maximum)	Income Limits
L50	Very low income limit (average)	Income Limits
L50A	Very low income limit (minimum)	Income Limits
L50B	Very low income limit (maximum)	Income Limits
L80	Low income limit (average)	Income Limits
L80A	Low income limit (minimum)	Income Limits
L80B	Low income limit (maximum)	Income Limits
LMED	Average median income (average)	Income Limits
LMEDA	Average median income (minimum)	Income Limits

LMEDB	Average median income (maximum)	Income Limits
ASTHEMR	Emergency room visit for asthma	Healthy Homes
ASTHMA	Household has child with asthma	Healthy Homes
ASTHMED	Daily medication for asthma	Healthy Homes
BATTERY	Smoke detector batteries replaced in last 6 months	Healthy Homes
CHEMSTOR	Hazardous materials stored out of children's reach	Healthy Homes
COBATT	Carbon monoxide detector batteries replaced in the last 6 months	Healthy Homes
COPWR	Carbon monoxide detector power source	Healthy Homes
EXTC	Extension cords used	Healthy Homes
EXTCOND	Cracked or worn extension cords	Healthy Homes
FIREX	Unit has a fire extinguisher	Healthy Homes
H20HT	Hot water temperature checked	Healthy Homes
H20MF	Access to water heater	Healthy Homes
HLTH	Householder's health	Healthy Homes
MOLD	Mold present in home	Healthy Homes
MOLDBASEM	Mold present in basement	Healthy Homes
MOLDBATH	Mold present in bathroom	Healthy Homes
MOLDBEDRM	Mold present in bedroom	Healthy Homes
MOLDKITCH	Mold present in kitchen	Healthy Homes
MOLDLROOM	Mold present in living room	Healthy Homes
MOLDOTHER	Mold present in some other room	Healthy Homes
MONOX	Unit has carbon monoxide detector	Healthy Homes
MUST	Frequency of musty smells	Healthy Homes
OUTLET	Covered outlets	Healthy Homes
PASTHWHO	Has asthma	Healthy Homes
POOLACC	Outdoor swimming pool	Healthy Homes
POOLFEN	Fence around pool	Healthy Homes
SAFEU5KD	Children under 5 live in or regularly visit household (recode)	Healthy Homes
SECSMK	Frequency secondhand smoke entering home	Healthy Homes
SMKR	Household member smokes in home	Healthy Homes
SMKVIS	Visitor to the household smokes in home	Healthy Homes
SMOKE	Smoke detector	Healthy Homes
SMOKPWR	Smoke detector power source	Healthy Homes
SPRNKLR	Sprinkler system inside the unit	Healthy Homes
STAIRBRK	Broken or missing steps	Healthy Homes
STAIRCOV	Non-slip coverings on stairs	Healthy Homes
STAIRGAT	Gates on the stairs	Healthy Homes
STAIRLGT	Well lit stairs	Healthy Homes
STAIRMIS	Broken or missing railings	Healthy Homes

STAIRRL	Stair railing firmly attached	Healthy Homes
STAIRS	Stairs in unit	Healthy Homes
CANE	Someone in the household uses a cane or walker	Housing Modification
CLIFT	Someone in the household uses a chairlift	Housing Modification
CRUTCH	Someone in the household uses crutches	Housing Modification
ECHAIR	Someone in the household uses an electric wheelchair or cart or scooter	Housing Modification
HBTUB	Household member has difficulty getting into bathtub (recode)	Housing Modification
HCAB	Household member has difficulty opening kitchen cabinets (recode)	Housing Modification
HCTRUSE	Household member has difficulty using kitchen counters (recode)	Housing Modification
HFAUCET	Household member has difficulty using faucets (recode)	Housing Modification
HGETBR	Household member has difficulty getting to bathroom (recode)	Housing Modification
HGRASP	Household member has difficulty grasping objects (recode)	Housing Modification
HKCAB	Household member has difficulty reaching kitchen cabinets (recode)	Housing Modification
HMACAB	Presence and use of wheelchair accessible kitchen cabinets	Housing Modification
HMBRL	Presence and use of handrails or grab bars in bathroom	Housing Modification
HMBROOM	Presence and use of wheelchair accessible bathroom	Housing Modification
HMBST	Presence and use of built-in shower seats	Housing Modification
HMCLCTRL	Presence and use of wheelchair accessible climate controls	Housing Modification
HMCOUNT	Presence and use of wheelchair accessible countertops	Housing Modification
HMELEVATE	Presence and use of elevator in unit	Housing Modification
HMENTBD	Presence and use of bedroom on entry level	Housing Modification
HMENTBTH	Presence and use of full bathroom on entry level	Housing Modification
HMHNDLE	Presence and use of door handles instead of knobs	Housing Modification
HMHNDRL	Presence and use of handrails or grab bars in unit	Housing Modification
HMKIT	Presence and use of wheelchair accessible kitchen	Housing Modification
HMKITRY	Presence and use of kitchen trays/lazy susans	Housing Modification
HMLEVEL	Presence and use of no steps between rooms	Housing Modification
HMORL	Presence and use of handrails or grab bars in other areas	Housing Modification
HMOUTLET	Presence and use of wheelchair accessible electrical outlets	Housing Modification
HMRAMPS	Presence and use of ramps in unit	Housing Modification
HMSKLVR	Presence and use of sink handles/levers	Housing Modification
HMSWITCH	Presence and use of wheelchair accessible electrical switches	Housing Modification
HMTOILET	Presence and use of raised toilets	Housing Modification
HMWHEELN	Number of wheelchair accessible features in unit (recode)	Housing Modification
HMXWDR	Presence and use of extra-wide doors/hallways	Housing Modification
HREACH	Household member has difficulty reaching above head (recode)	Housing Modification
HSINK	Household member has difficulty using sink (recode)	Housing Modification
HSTOOP	Household member has difficulty stooping or kneeling (recode)	Housing Modification
HSTOV	Household member has difficulty using stove (recode)	Housing Modification

HWSHWR	Household member has difficulty using walk-in shower (recode)	Housing Modification
JHMACAB	Edit flag for HMACAB	Housing Modification
JHMBRL	Edit flag for HMBRL	Housing Modification
JHMBROOM	Edit flag for HMBROOM	Housing Modification
JHMBST	Edit flag for HMBST	Housing Modification
JHMCLCTRL	Edit flag for HMCLCTRL	Housing Modification
JHMCOUNT	Edit flag for HMCOUNT	Housing Modification
JHMELEVTE	Edit flag for HMELEVATE	Housing Modification
JHMENTBD	Edit flag for HMENTBD	Housing Modification
JHMENTBTH	Edit flag for HMENTBTH	Housing Modification
JHMHNDLE	Edit flag for HMHNDLE	Housing Modification
JHMHNDRL	Edit flag for HMHNDRL	Housing Modification
JHMKIT	Edit flag for HMKIT	Housing Modification
JHMKITRY	Edit flag for HMKITRY	Housing Modification
JHMLEVEL	Edit flag for HMLEVEL	Housing Modification
JHMORL	Edit flag for HMORL	Housing Modification
JHMOUTET	Edit flag for HMOUTLET	Housing Modification
JHMRAMPS	Edit flag for HMRAMPS	Housing Modification
JHMSKLVR	Edit flag for HMSKLVR	Housing Modification
JHMSWITCH	Edit flag for HMSWITCH	Housing Modification
JHMTOILET	Edit flag for HMTOILET	Housing Modification
JHMXWDR	Edit flag for HMXWDR	Housing Modification
MOBUSE	Household member uses a mobility device (recode)	Housing Modification
PBTUB	Has difficulty getting into or out of bathtub	Housing Modification
PCTRUSE	Has difficulty using kitchen counters	Housing Modification
PFAUCET	Has difficulty using faucets	Housing Modification
PGETBR	Has difficulty getting to bathroom	Housing Modification
PGRASP	Has difficulty using fingers to grasp small objects	Housing Modification
PKCAB	Has difficulty reaching kitchen cabinets	Housing Modification
POCAB	Has difficulty opening kitchen cabinets	Housing Modification
PREACH	Has difficulty reaching over head	Housing Modification
PSINK	Has difficulty using sink	Housing Modification
PSTOOP	Has difficulty stooping or kneeling or bending	Housing Modification
PSTOV	Has difficulty using stove	Housing Modification
PWSHWR	Has difficulty getting into or out of walk-in shower	Housing Modification
SPOTHR	Someone in the household uses other mobility device	Housing Modification
WCHAIR	Someone in the household uses a manual wheelchair	Housing Modification
PTBANK	Access to personal bank by public transport	Public Transportation
PTCOSTCARM	Monthly household spending on car maintenance	Public Transportation

PTCOSTCARP	Monthly household spending on car payments	Public Transportation
PTCOSTGAS	Monthly household spending on gasoline	Public Transportation
PTCOSTINSU	Monthly household spending on car insurance	Public Transportation
PTCOSTPARK	Monthly household spending on parking	Public Transportation
PTCOSTPTR	Monthly household spending on public transport	Public Transportation
PTDISBUS	Distance to bus	Public Transportation
PTDISPUB	Distance of closest public transportation stop	Public Transportation
PTDISRAIL	Distance to commuter rail	Public Transportation
PTDISSHUT	Distance to shuttle	Public Transportation
PTDISSUB	Distance to subway	Public Transportation
PTENTMNT	Access to entertainment by public transport	Public Transportation
PTGETBUS	How household member gets to the bus	Public Transportation
PTGETRAIL	How household member gets to rail	Public Transportation
PTGETSHUT	How household member gets to shuttle	Public Transportation
PTGETSUB	How household member gets to subway	Public Transportation
PTGROCER	Access to grocery store by public transport	Public Transportation
PTHEALTH	Access to health care facilities by public transport	Public Transportation
PTOFTBUS	How often household member uses the bus	Public Transportation
PTOFTRAIL	How often household member uses rail	Public Transportation
PTOFTSHUT	How often household member uses shuttle	Public Transportation
PTOFTSUB	How often household member uses subway	Public Transportation
PTPUBTRN	Household uses public transportation	Public Transportation
PTRETAIL	Access to retail shopping by public transport	Public Transportation
PTSERVIC	Access to personal services by public transport	Public Transportation
PTUSBUS	Household uses bus	Public Transportation
PTUSCRPL	Household uses carpool	Public Transportation
PTUSCRSH	Household uses car sharing	Public Transportation
PTUSOTR	Household uses other public transportation	Public Transportation
PTUSRAIL	Household uses commuter rail	Public Transportation
PTUSSHUT	Household uses commuter bus or shuttle van	Public Transportation
PTUSSUB	Household uses subway	Public Transportation
PTUSTAXI	Household uses taxi	Public Transportation
PTWKSCHL	How often public transport is used to work or school	Public Transportation
WBBANK	Access to bank by walking or biking	Public Transportation
WBBIKELANE	Neighborhood has bike lanes	Public Transportation
WBBIKEWALK	Household bikes and/or walks around neighborhood	Public Transportation
WBENTMNT	Access to entertainment by walking or biking	Public Transportation
WBGROCER	Access to grocery store by walking or biking	Public Transportation
WBHEALTH	Access to health care by walking or biking	Public Transportation
WBNOBIKE	Household has a reason not to walk or bike	Public Transportation

WBNOBKBDSW	Doesn't walk/bike because of poor sidewalks	Public Transportation
WBNOBKBIKE	Doesn't walk/bike because of lack of bicycle	Public Transportation
WBNOBKCRIM	Doesn't walk/bike because of crime	Public Transportation
WBNOBKDEST	Doesn't walk/bike because of lack of destination	Public Transportation
WBNOBKFAST	Doesn't walk/bike because of fast traffic	Public Transportation
WBNOBKHLTH	Doesn't walk/bike because of health	Public Transportation
WBNOBKLANE	Doesn't walk/bike because of no bike lanes	Public Transportation
WBNOBKLITE	Doesn't walk/bike because of poor lighting	Public Transportation
WBNOBKNOSW	Doesn't walk/bike because of no sidewalks	Public Transportation
WBNOBKOTHR	Doesn't walk/bike for other reason	Public Transportation
WBNOBKTIME	Doesn't walk/bike because of lack of time	Public Transportation
WBNOBKTRAF	Doesn't walk/bike because of too much traffic	Public Transportation
WBRETAIL	Access to retail shopping by walking or biking	Public Transportation
WBSERVIC	Access to personal services by walking or biking	Public Transportation
WBSIDEWALK	Neighborhood has usable, well-lit sidewalks	Public Transportation
WBWKSCHL	Access to work or school by walking or biking	Public Transportation
DPALTCOM	Alternative communication plan	Disaster Planning
DPBNREAD	Building number readable from street	Disaster Planning
DPDRFOOD	Non-perishable food availability	Disaster Planning
DPEMWATER	Emergency water	Disaster Planning
DPEVACPETS	Household needs evacuation assistance for pets	Disaster Planning
DPEVFIN	Financial resources in case of evacuation	Disaster Planning
DPEVINFO	Disaster plan with financial and contact info	Disaster Planning
DPEVKIT	Emergency kit prepared	Disaster Planning
DPEVLOC	Evacuation location	Disaster Planning
DPEVSEP	Separated evacuation location	Disaster Planning
DPEVVEHIC	Vehicle available during emergency	Disaster Planning
DPGENERT	Generator for power outage	Disaster Planning
DBEVICLK	Likelihood of leaving home because of eviction	Doubling Up
DBEVICNOTE	Receipt of eviction notice	Doubling Up
DBEVICTHT	Threat of eviction	Doubling Up
DBEVICWHERE	Where respondent would go in event of eviction	Doubling Up
DBFORCWHR	Where respondent would go in event of foreclosure	Doubling Up
DBGRPCNT	Number of out-movers in out-mover group	Doubling Up
DBGRPNUM	Number of out-mover groups in the past year	Doubling Up
DBIN1REAS	Reason first in-mover group left previous home	Doubling Up
DBIN1VOL	First in-mover group left last home voluntarily/not	Doubling Up
DBIN1WHER	Where first in-mover group moved from	Doubling Up

DBIN1WHY	Reason first in-mover group moved into home	Doubling Up
DBINFORC	Home is in foreclosure	Doubling Up
DBINREAS	Most important reason person left previous home	Doubling Up
DBINVOL	Person left previous home voluntarily or by force	Doubling Up
DBINWHER	Where person stayed before living here	Doubling Up
DBINWHY	Reason person is staying here	Doubling Up
DBLVEFORC	Likelihood of leaving home due to foreclosure	Doubling Up
DBMISSMORT	Inability to pay mortgage	Doubling Up
DBMISSRENT	Inability to pay rent	Doubling Up
DBMORTFORC	Receipt of foreclosure notice	Doubling Up
DBOUT1LEN	Length of stay for first out-mover group	Doubling Up
DBOUT1REAS	Reason first out-mover group left	Doubling Up
DBOUT1VOL	First out-mover group left voluntarily or not	Doubling Up
DBOUT1WHER	Where first out-mover group moved	Doubling Up
DBOUT1WHY	Reason first out-mover group moved out of home	Doubling Up
DBOUTLEN	Length of former co-occupant stay	Doubling Up
DBOUTMOVE	Co-occupant has moved out of house	Doubling Up
DBOUTREAS	Reason former co-occupant left home	Doubling Up
DBOUTVOL	Former co-occupant left under force or voluntarily	Doubling Up
DBOUTWHER	Where former co-occupant moved to	Doubling Up
DBOUTWHY	Reason former co-occupant stayed in home	Doubling Up
DBUGROUP	Out-mover group number	Doubling Up
DBUTBILL	Received utility shut-off notice	Doubling Up
DBWHYEVIC	Reason for threatened eviction	Doubling Up
HKDAMCSM	Estimated construction start month	New Orleans Variables
HKDAMCSY	Estimated construction start year	New Orleans Variables
HKDAMG	Unit sustained Hurricane Katrina damage	New Orleans Variables
HKDAMGAS	Received insurance or financial aid	New Orleans Variables
HKDAMGN1	Hurricane Katrina-related repairs done to unit	New Orleans Variables
HKDAMGNM	Estimated repair completion month	New Orleans Variables
HKDAMGNY	Estimated repair completion year	New Orleans Variables
HKDAMGUN	Trailer/RV/other used as housing unit	New Orleans Variables
HKDAMGY1	Unit razed/condemned due to Hurricane Katrina Damage	New Orleans Variables
HKDAMGY2	Unit was rebuilt due to Hurricane Katrina damage	New Orleans Variables
HKDAMGY5	Cost of Hurricane Katrina-related construction	New Orleans Variables
HKDAMGYM	Estimated construction completion month	New Orleans Variables
HKDAMGYY	Estimated construction completion year	New Orleans Variables
HKDAMRSM	Estimated repair start month	New Orleans Variables
HKDAMRSY	Estimated repair start year	New Orleans Variables

HKELEV1	Unit has been or will be elevated	New Orleans Variables
HKELEV2	Unit elevation required	New Orleans Variables
HKFEDFIN	Received Federal financial assistance	New Orleans Variables
HKFEDFL	Owner has Federal flood insurance	New Orleans Variables
HKFEDFLOOD	Received Federal flood insurance	New Orleans Variables
HKGAP	Lacking funds to finish repairs/rebuilding	New Orleans Variables
HKHOME	Lived in a house or apartment due to Hurricane Katrina	New Orleans Variables
HKHOMEOWN	Received Homeowner's insurance	New Orleans Variables
HKHOTEL	Lived in a hotel, motel, or cruise ship due to Hurricane Katrina	New Orleans Variables
HKMH	Lived in a manufactured/mobile home due to Hurricane Katrina	New Orleans Variables
HKMOVR	Forced to move because of Hurricane Katrina	New Orleans Variables
HKNORES	Living in New Orleans during Hurricane Katrina	New Orleans Variables
HKNUMR	Number of residences since Hurricane Katrina	New Orleans Variables
HKOTHAST	Received other financial assistance	New Orleans Variables
HKOTHER	Lived in some other type of residence due to Hurricane Katrina	New Orleans Variables
HKPEPDNK	Lived with unknown people after Hurricane Katrina	New Orleans Variables
HKPERM	Living in permanent home	New Orleans Variables
HKPRIVCHAR	Received Private/Charitable financial assistance	New Orleans Variables
HKRAC	Cost of alterations/repairs performed due to Hurricane Katrina damage	New Orleans Variables
HKRAN	Number of replacements/additions made to unit as a result of Katrina damage	New Orleans Variables
HKRDHOME	Received Road Home grant	New Orleans Variables
HKRELFRD	Lived with acquaintances after Hurricane Katrina	New Orleans Variables
HKRPCST	Cost of Hurricane-Katrina related repairs	New Orleans Variables
HKSHAR1	Lived in shared residence since Hurricane Katrina	New Orleans Variables
HKSHELTER	Lived in public shelter due to Hurricane Katrina	New Orleans Variables
HKSTATEFIN	Received State financial assistance	New Orleans Variables
HKTENT	Lived in a tent or car due to Hurricane Katrina	New Orleans Variables
HKTRAILER	Lived in a travel trailer or RV due to Hurricane Katrina	New Orleans Variables
RA2Y	Job performed in the last two years	New Orleans Variables
RAHK	Hurricane Katrina related alteration/repair	New Orleans Variables
WMHK	Moved because of Hurricane Katrina	New Orleans Variables
XBATH	Number of bathrooms in previous unit	New Orleans Variables
XBEDRM	Number of bedrooms in previous unit	New Orleans Variables
XBUILT	Year previous home built	New Orleans Variables
XHALFB	Number of half bathrooms in previous unit	New Orleans Variables
XNOLA1	Previous residence in New Orleans	New Orleans Variables
XNOLA2	Previous residence in New Orleans metro	New Orleans Variables

Sample Status, Weights, Interview Status

The following table explains what AHS weights should be used, depending on the purpose.

TASK	SAMPLE	AHS WEIGHT
National level analysis prior to 2001 that, where applicable, replicates published numbers	National	WEIGHT
National level analysis for 2001 or later (except 2011) that, where applicable, replicates published numbers	National	WGT90GEO
National level analysis for 2011 that, where applicable, replicates published numbers	Combined 2011 National and Metropolitan Sample	WGT90GEO
National level analysis for 2011, using only the national component	National component of 2011 combined sample	WGT90GEO2011N
Comparing housing and household characteristics at the national level across AHS surveys	National (use combined National and Metropolitan samples for 2011)	PWT
National level analysis for 2013 using variables in the use of public transportation module	2013 National	SPLTWGT1
National level analysis for 2013 using variables in the neighborhood module	2013 National	SPLTWGT2
Metropolitan level analysis (except 2011) that, where applicable, replicates published numbers	Metropolitan	WEIGHT
Metropolitan level analysis for 2011 that, where applicable, replicate published numbers	Combined 2011 National and Metropolitan Sample	WGTMETRO
Comparing housing and household characteristics at the metropolitan level across AHS surveys	Metropolitan	PWT

BBLDG =

Type B noninterview building

1	Building contains at least one housing unit-either occupied or vacant.
2	Unit being classified as Type B is the only unit in the building.
3	All units would qualify for a Type B or C noninterview.
B or -6	Not applicable
Blank or -9	Not reported

Long description:
In ADDITION to the unit that is being classified as a TYPE B (Enter 2 or 3 if the building does not contain any housing units)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview] AND [(NOT under construction or a storage) and (NOT OTHER unit or converted to institutional unit or occupancy is NOT prohibited and interior is NOT exposed to the elements and NOT other Type B noninterview)] ; OR
2 : [NOT noninterview]

BOARDU =

Type B unit boarded up

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
Is the unit boarded up?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview] AND [(NOT under construction or a storage) and (NOT OTHER unit or converted to institutional unit or occupancy is NOT prohibited and interior is NOT exposed to the elements and NOT other Type B noninterview)] ; OR
2 : [NOT noninterview]

CONTROL =

Control number

Long description:
This is the scrambled control number from the masterfile. It is used to preserve confidentiality and to enable longitudinal matches to earlier files.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	homimp; houshld; jtw; mortg; owner; person; ratiov
Relational table 2001 and later:	homimp; jtw; mortg; owner; person; ratiov; rmov; typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The ratio verification module, ratiov, was not present in the 2007 sample.

CONTROLM =

Original control number

Long description:
This is the original scrambled control number from the masterfile from the year the case was first introduced. It is used to preserve confidentiality and to enable longitudinal matches to earlier files.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013MSA

Notes:
This variable can be used to link returning metropolitan cases to prior years.

DATE =

Interview date

01011997:Present	January 1, 1997 - Present

Type:	Character
Edit flag variable:	JDATE
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HISTRY =

Status of unit

1	Returning sample unit from a previous enumeration
8	Added unit within current sample unit/property

Long description:
This recode indicates whether a unit has been added within the current sample unit or property. A unit has a value of '8', when it is a new unit found to exist:

> within a returning sample unit (a house splits so the basement is rented as an apartment) or, within the property containing a returning sample unit (someone moves a mobile home to the same property as an original sample unit, the mobile home is a separate housing unit but uses the same address)

Otherwise, the unit is given the value of '1'

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

ISTATUS =

Interview status

1	Occupied interview
2	URE (Usual Residence Elsewhere) interview
3	Vacant interview
4	Noninterview

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

MARKET =
Unit for rent only, sale only, or either

1	Rent only?
2	Rent or for sale?
3	Sale only?
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is it for ...

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(NOT 'for rent or for sale' and NOT For sale only and NOT 'sold, but not yet occupied') or (((For rent or for sale or for sale only) or Sold, but not yet occupied) and Ownership of unit time shared or don't know or refused)] ; OR
2 : [Occupied interview and (Rented or occupied without payment)] AND [(Mobile home)] ; OR
3 : [Occupied interview and (Rented or occupied without payment)] AND [(NOT mobile home)] ; OR
4 : [Occupied interview and Owned] AND [Unit is not currently for sale or rent] ; OR
5 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

MARKT =
Unit currently for rent or sale

1	yes
2	no
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is this home currently for rent or sale?

Type:	Character
Edit flag variable:	JMARKT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(NOT 'for rent or for sale' and NOT For sale only and NOT 'sold, but not yet occupied') or (((For rent or for sale or for sale only) or Sold, but not yet occupied) and Ownership of unit time shared or don't know or refused)] ; OR
2 : [Occupied interview and (Rented or occupied without payment)] AND [(Mobile home)] ; OR
3 : [Occupied interview and (Rented or occupied without payment)] AND [(NOT mobile home)] ; OR
4 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

MOVAC =
months unit has been vacant

00	Less than 1 month
1:24	1-24 MONTHS
25	Over 2 years
26	NEVER OCCUPIED
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How many months has that unit has been vacant?

Type:	Numeric
Edit flag variable:	JMOVAC
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Household doesn't own land on which mobile home sits] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview and (Rented or occupied without payment)] AND [(Mobile home)] ; OR
2 : [Occupied interview and (Rented or occupied without payment)] AND [(NOT mobile home)] ; OR
3 : [Occupied interview and Owned] AND [(The current value of the land is between 1 and 999998) or Does not know what the current value of the land is or Refused to answer what the current value of the land was] ; OR
4 : [Occupied interview and Owned] AND [Household doesn't own land on which mobile home sits or Refused to answer whether household owns land on which mobile home sits or Don't know if household owns land on which mobile home sits or Not reported if household owns land on which mobile home sits] ; OR
5 : [URE interview] ; OR
6 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

NATLFLAG =

National/metro supplement sample

1	National sample case
2	Metro sample case

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

Notes:
For purposes of the NATLFLAG variable, all Los Angeles sample is counted as national sample. This is because in the AHS, the Los Angeles metro sample historically consists of base national sample that exists in Los Angeles County along with supplemental sample that acts both toward national and metro estimates.

NOINT =
Noninterview reason

1	Type A - No one home
2	Type A - Temporarily absent
3	Type A - Refused
4	Type A - Unable to locate
5	Type A - Language problem
6	Type A - Other, occupied
10	Type B - Permit granted, construction not started
11	Type B - Under construction, not ready
12	Type B - Permanent or temporary business or commercial storage
13	Type B - Unoccupied site for mobile home or tent
14	Type B - OTHER unit or converted to institutional unit
15	Type B - Occupancy prohibited
16	Type B - Interior exposed to the elements
17	Type B - not classified above, Specify
30	Type C - Demolished or disaster loss
31	Type C - House or mobile home moved
32	Type C - Unit eliminated in structural conversion
33	Type C - Merged not in current sample
36	Type C - Permit abandoned
37	Type C - not classified above
38	Type C - Unit eliminated in subsampling
39	Type C - Unit deleted in prelisting subsampling
40	Type C - Unit already had a chance of selection
41	Type C - Sample reduction for the current survey year
42	Type C - Big Six metro supplement
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse, typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Code 39 was only used in 2005. Code 40 was used starting in 2005. Code 41 introduced in 2009 Seattle. Code 42 introduced in 2011.

Conditions not in universe:
1 : [NOT noninterview]

OLDMSFLG =

Old metropolitan sample flag

1	CONTROL was converted to 12 digits with a trailing 0
B or -6	Not applicable

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

Notes

This flag is set for cases that had CONTROL values converted from length 11 to length 12. For uniformity, these values were converted by adding a trailing zero. This affects cases from the following SMSA: 1001 (Anaheim), 1280 (Buffalo), 1920 (Dallas), 2800 (Fort Worth), 5080 (Milwaukee), 6200 (Phoenix), 6780 or 7280 (Riverside), and 7320 (San Diego.)

PWT =

Pure weight - inverse of prob of selection

00000:99999	0-99,999
B or -6	Unit dropped in redefinition of metropolitan area (MSA samples only) or in sample reduction

Long description:

Product of base weight, weighting control factors, and sample adjustment factor.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	weight
Relational table 2001 and later:	newhouse, typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes

PWT takes a value of B in the year that the units are reduced from sample. The code NOINT = 41 identifies these units for Seattle in 2009. The PWTs of the remaining sample units will be modified to adjust for these sample changes.

REUAD =
Reason unit got added to sample

3	New Construction
4	Mobile Home moved in
5	House moved in
6	Building relisted due to structural changes
7	Unit created when original living quarters split into more units
8	Unit created when original quarters merged to fewer units
9	Conversion of nonresidential unit
10	Other, specify
11	Sample adjustment
B or -6	Not applicable
D or -7	Don't know

Long description:
FR INSTRUCTION: Enter the reason this unit is being added.

Type:	Numeric
Edit flag variable:	JREUAD
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes
Though the categories are the same, REUAD was edited in a different way beginning in 2013. In earlier years, REUAD was collected through the FR for all cases new to the sample. The following changes were made:

1. A value of 3 (new construction) was given for cases that were added as part of a permit sample or built since the last survey year in a non-permit issuing area.
2. A value of 4 (mobile home moved in) was set for mobile homes that were found as additional or extra units in 2013. Mobile homes in new construction were also moved to this category.
3. There are no longer values of 5 (house moved in).
4. A value of 6 (building relisted due to structural changes) was given to additional and extra units found during the interview process that the field determined as part of this category resulting from a follow-up questionnaire about additional and extra cases.
5. A value of 11 (sample adjustment) was set for all cases that were added to the sample due to some form of sample expansion or coverage improvement.

Information on [HU is not part of a new incoming sample] is not available on the public use file.

Conditions not in universe (pre-2011):
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Unoccupied site for mobile home, trailer or tent or group quarters)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [HU is not part of a new incoming sample] ; OR
3 : [Noninterview] AND [(Type A noninterview)] ; OR
4 : [Noninterview] AND [(Type B noninterview)] ; OR
5 : [Noninterview] AND [(Type C noninterview)]

Conditions not in universe (2011 and forward):
HU is not part of a new incoming sample.

S150MV =

Vacant/URE unit <= 150 miles of owners res.

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
****ENTER CODE OR ASK****
Is this unit within 150 miles of the owner's current residence?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

SAMEDU =

Same HU as last enumeration

1	Yes
2	No (For example: replacement Mobile Home, wrong unit enumerated last time)
B or -6	Not applicable

Long description:
Is this the same housing unit that was at this address last enumeration period?

Type:	Character
Edit flag variable:	JAMEDU
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [HU is part of a new incoming sample] is not available on the public use file.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview or noninterview)] AND [HU is part of a new incoming sample]

SPLTWGT1 =

Final weight used for split sample – Public Transportation and Disaster Planning

00000:99999	0-99,999
B or -6	Not applicable

Long description:
This weight is used for split sample variables pertaining to public transportation and disaster planning – those variables that exist on the topical relational table. In order to reduce respondent burden, these variables were asked of half of the sample and will be weighted using SPLTWGT1.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

SPLTWGT2 =

Final weight used for split sample – Neighborhood and Collective Efficacy

00000:99999	0-99,999
B or -6	Not applicable

Long description:
This weight is used for split sample variables pertaining to neighborhood and collective efficacy – those variables that exist on the topical relational table. In order to reduce respondent burden, these variables were asked of half of the sample and will be weighted using SPLTWGT2.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

SXUREV =

Vacant/URE unit was previous residence

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Which of the following reasons is why the owner(s) own this vacant/URE housing unit?
Because

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

VACVAC =
Unit for vacation or other short-term use

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is this housing unit for vacation or other short-term use?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
2 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR
5 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance] ; OR
6 : [Occupied interview] AND [Rented] ; OR
7 : [Occupied interview] AND [Occupied without payment]

WEIGHT =

Final weight

00000:99999 0-99,999

Long description:
Product of pure weight (PWT), noninterview adjustment factor, 1st stage ratio estimation factor, 2nd stage ratio estimation factor, and 3rd stage ratio estimation factors.
Based on 1980 Census geography for the National Records.
Based on relevant geography (1980, 1990, or 2000) for the MS records.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	weight
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N

Notes:
This variable should be used to analyze 1999 and earlier data or to link the 2001 and later national data to the earlier data sets.
Please see the narrative about weights for a brief discussion.

WGT90GEO =

Final weight based on 1990 Census geography

00000:99999 0-99,999

Long description:
Product of pure weight (PWT), noninterview adjustment factor, 1st stage ratio estimation factor, 2nd stage ratio estimation factor, and 3rd stage ratio estimation factors.
Based on 1990 Census geography.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2003N, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N

Notes:
This variable should be used to analyze the 2001 national data when trying to match to the published reports and geographic analysis.
Please see the narrative about weights for a brief discussion.

WGT90GEO2011N =

National-only 2011 weight

00000:99999 0-99,999

Long description:
This weight is used to develop national level estimates strictly from national sample cases on the 2011 Public Use File.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

Notes:
In 2011, both national and metro samples were combined into one file and weighted using the WGT90GEO variable. Because there are differences in sample design, the WGT90GEO2011N weight was released. This weight only applies to 2011 national sample cases and is similar in design to the WGT90GEO national weights in the 2009 and earlier AHS surveys. It can also be used along with the NATLFLAG variable (NATLFLAG = 1) to identify and weight the national design sample.

WGTMETRO =

Final weight for metropolitan estimates based on 1990 Census geography

0	Not in supplemental sample
0000:9999	0-9,999

Long description:
Product of pure weight (PWT), noninterview adjustment factor, mobile home ratio estimation factor, and housing ratio estimation factor. Based on 1990 Census geography, and calculated at the individual metro level.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013MSA

Notes:
This variable should be used to weight metropolitan areas.

YRINTRO =
Year introduced

1974:2009 1974-2009

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

YRTYPEC =
Year made Type C

1974:2011 1974-2011

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

Notes:
Equal to reduction year for cases that were not made Type C before being reduced. “Big 6” cases were given a YRTYPEC designation of 2010.

Geography

See the AHS Geography 1985–2013 document available from the Census Department (see http://www.census.gov/programs-surveys/ahs/tech-documentation.html).

CMSA =
1980 design CMSA code

07	Boston-Lawrence-Salem, MA-NH
10	Buffalo-Niagara Falls, NY
31	Dallas-Fort Worth, TX
34	Denver-Boulder, CO
41	Hartford-New Britain-Middletown, CT
47	Kansas City, MO - Kansas City, KS
49	Los Angeles-Anaheim-Riverside, CA
56	Miami-Fort Lauderdale, FL
70	New York-Northern New Jersey-Long Island, NY-NJ-CT
78	Pittsburgh-Beaver Valley, PA
79	Portland-Vancouver, OR-WA
80	Providence-Pawtucket-Fall River, RI-MA
82	Saint Louis-East Saint Louis-Alton, MO-IL
91	Seattle-Tacoma, WA
99	Not in a 1980 design CMSA

Long description:
This is the 1980 design consolidated MSA code placed on the public use file. Due to confidentiality restrictions, only certain CMSA codes are allowed on the public use file.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse, typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

COUNTY =
County code

001:840	001-840
946	Brazoria, Chambers, & Galveston Counties, TX
947	Fredericksburg City, VA AND Clarke, Fauquier, Spotsylvania, & Warren Counties, VA AND Jefferson County, WV
948	Fayette, Shelby, & Tipton Counties, TN
949	Crawford County, AR AND Forrest County, MS
950	Gaston & Lincoln Counties, NC
951	Cabarrus & Rowan Counties, NC
952	Mecklenberg & Union Counties, NC
953	Island, King, & Snohomish Counties, WA
954	Franklin, Lincoln, St. Charles, & Warren Counties, MO
955	Clinton, Monroe, & St. Clair Counties, IL
956	Jersey & Madison Counties, IL
957	No longer used
958	Austin, Fort Bend, Harris, Liberty, Montgomery, San Jacinto, & Waller Counties, TX
959	Hartford County, CT AND parts of Litchfield, Middlesex, New London, & Tolland Counties, CT
960	No longer used
961	Fairfield & Madison Counties, OH
962	Delaware, Franklin, & Pickaway Counties, OH
963	No longer used
964	Carroll & Howard Counties, MD
965	Anne Arundel & Queen Anne Counties, MD
966	Dekalb & Fulton Counties, GA
967	Bartow, Cherokee, Douglas, Forsyth, & Paulding Counties, GA
968	Coweta, Fayette, Henry, & Spalding Counties, GA
969	Barrow, Newton, Rockdale, & Walton Counties, GA
970	Comal, Guadalupe, & Wilson Counties, TX
971	Genesee, Livingston, Ontario, Orleans, & Wayne Counties, NY
972	Columbia & Yamhill Counties, OR
973	Clackamas & Multnomah Counties, OR
974	Jefferson, Plaquemines, St. Bernard, St. Charles, & St. John the Baptist Parishes, LA
975	Johnson, Leavenworth, Miami, & Wyandotte Counties, KS
976	Cass, Clay, Clinton, Lafayette, Platte, & Ray Counties, MO
977	Douglas & Jefferson Counties, CO
978	Boone, Campbell, & Kenton Counties, KY AND Dearborn County, IN
979	Clermont & Warren Counties, OH
980	Manassas & Manassas Park Cities, VA AND Loudon, Prince William, & Stafford Counties, VA
981	Fairfax & Falls Church Cities, VA AND Fairfax County, VA
982	Calvert & Charles Counties, MD
983	Hernando & Pasco Counties, FL
984	Carver, Chisago, Isanti, Scott, Sherburne, & Wright Counties MN AND Pierce & Saint Croix Counties, WI
985	Johnson & Tarrant Counties, TX
986	No longer used
987	Ellis, Kaufman, & Rockwell Counties, TX
988	Canadian, Cleveland, Logan, McClain, Oklahoma, & Pottawatomie Counties, OK
989	Chesapeake & Suffolk Cities, VA AND Isle of Wight County, VA AND Currituck County, NC

990	Hampton, Poquoson, & Williamsburg Cities, VA AND Gloucester, James City, Mathews, & York Counties, VA
991	Ozaukee & Washington Counties, WI
992	Ashtabula, Geauga, Lake, & Medina Counties, OH
993	Blount, St. Clair, & Shelby Counties, AL
994	Johnson, Morgan, Shelby, & part of Marion Counties, IN
995	Hamilton, Hancock, & part of Marion Counties, IN
996	Boone, Hendricks, & part of Marion Counties, IN
997	Central City Indianapolis part of Marion County, IN
999	Can not disclose county code

Long description:
FIPS County codes, Independent City codes, and Pseudo county codes created to protect confidentiality.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 2004MSA, 2011

Notes:
Variable may be changed and/or suppressed in the Metro survey to comply with 100,000 population rule.

DIVISION =

Census division

01	New England
02	Middle Atlantic
03	East North Central
04	West North Central
56	South Atlantic and East South Central
07	West South Central
89	Mountain and Pacific

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N

METRO =
Multiple central cities/suburban status within metro areas

1	Primary central city of the MSA
2:6	Secondary central cities of the MSA
7	Suburb of the MSA
9	Not in one of the supplemental metropolitan areas

Long description:
This recode specifies all central cities in each MSA.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 2004MSA, 2011, 2013MSA

Notes:
Variable may be changed and/or suppressed in the Metro survey to comply with 100,000 population rule. Beginning with the 2011 AHS, METRO was assigned differently, using various definitions of the central city. The 1980, 1990, and 2000 definitions were each used depending on when the sample unit was added to the survey. Additionally, METRO was altered in some cases to maintain Census disclosure standards. Due to disclosure rules, we are prevented from indicating which cases use the 1980, 1990, and 2000 geographies.
Other than in 2011, METRO was only on the metro files and was primarily based on 1990 geography.
Users should use this variable with caution as it does not reflect the most recent OMB definitions.

METRO3 =

Central city / suburban status

1	Central city of MSA
2	Inside MSA, but not in central city - urban
3	Inside MSA, but not in central city - rural
4	Outside MSA, urban
5	Outside MSA, rural
9	Inside MSA, unspecified (Charlotte only)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse, typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Variable may be changed and/or suppressed in National Survey to comply with 100,000 population rule. Beginning with the 2011 AHS, METRO3 was assigned differently. Various definitions of central city and urban areas (1980, 1990, and 2000 definitions) were used depending on when the sample unit was added to the survey. Additionally, METRO3 was altered in some cases to maintain Census disclosure standards; some cases in the 2011 metropolitan oversample were assigned values that would mask their location. Due to disclosure rules, we are prevented from indicating which cases use the 1980, 1990, and 2000 geographies.
Prior to 2011, METRO3 was only on the national file and based on the 1983 OMB definitions of metropolitan areas, 1980 urban area definitions, and 1980 central city definitions. The 1990 and 2000 definitions were not used.
Users should use this variable with caution as it does not reflect the most recent OMB definitions.

PMSA =

1990 design PMSA code

0040:9340	0040-9340
9999	Not in a PMSA

Long description:
1990 design PMSA code

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	toppuf
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA

PSUDOTCT =

Census tract for 1970, 1980 or 1990 containing case

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2002MSA, 2004MSA

Notes:
Variable may be changed and/or suppressed in the Metro survey to comply with 100,000 population rule. Number does not correspond to the real Census tract numbers to preserve confidentiality.

REGION =

Census region

1	Northeast
2	Midwest
3	South
4	West

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse, typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N

Notes:
Northeast includes: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania.
Midwest includes: Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas.
South includes: Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas.
West includes: Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California, Alaska, Hawaii.

SMSA =
1980 design PMSA code

0080	Akron, OH
0160	Albany-Schenectady-Troy, NY
0200	Albuquerque, NM
0240	Allentown-Bethlehem-Easton, PA
0275	Alton-Granite City, IL
0360	Anaheim-Santa Ana (Orange County), CA
0460	Appleton-Oshkosh-Neenah, WI
0520	Atlanta, GA
0560	Atlantic City, NJ
0600	Augusta, GA-SC
0620	Aurora-Elgin, IL
0640	Austin, TX
0680	Bakersfield, CA
0720	Baltimore, MD
0760	Baton Rouge, LA
0840	Beaumont-Port Arthur, TX
0845	Beaver, PA
0875	Bergen-Passaic, NJ
1000	Birmingham, AL
1120	Boston, MA
1125	Boulder-Longmont, CO
1160	Bridgeport-Milford, CT
.	Buffalo, NY (Metro surveys only)
1320	Canton, OH
1440	Charleston, SC
.	Charlotte, NC (Metro surveys only)
1560	Chattanooga, TN-GA
1600	Chicago, IL
1640	Cincinnati, OH-KY-IN
1680	Cleveland, OH
1720	Colorado Springs, CO
1760	Columbia, SC
1840	Columbus, OH
1880	Corpus Christi, TX
1920	Dallas, TX
1960	Davenport-Rock Island-Moline, IA-IL
2020	Daytona Beach, FL
2080	Denver, CO
2120	Des Moines, IA
2160	Detroit, MI
2240	Duluth, MN-WI
2285	East Saint Louis-Belleville, IL
2320	El Paso, TX
2360	Erie, PA
2400	Eugene-Springfield, OR
2440	Evansville, IN-KY
2640	Flint, MI
2680	Fort Lauderdale-Hollywood, FL
2700	Fort Myers-Cape Coral, FL
2760	Fort Wayne, IN

2800	Fort Worth-Arlington, TX
2840	Fresno, CA
2960	Gary-Hammond, IN
3000	Grand Rapids, MI
3120	Greensboro-Winston Salem-High Point, NC
3160	Greenville-Spartanburg, SC
3280	Hartford, CT
3320	Honolulu, HI
3360	Houston, TX
3480	Indianapolis, IN
3560	Jackson, MS
3600	Jacksonville, FL
3640	Jersey City, NJ
3660	Johnson City-Kingsport-Bristol, TN-VA
3760	Kansas City, MO-KS
3840	Knoxville, TN
3965	Lake County, IL
3980	Lakeland-Winter Haven, FL
4000	Lancaster, PA
4040	Lansing-East Lansing, MI
4120	Las Vegas, NV
4160	Lawrence-Haverhill, MA-NH
4280	Lexington-Fayette, KY
4400	Little Rock-North Little Rock, AR
4480	Los Angeles-Long Beach, CA
4720	Madison, WI
4880	McAllen-Edinburgh-Mission, TX
4900	Melbourne-Titusville-Palm Bay, FL
4920	Memphis, TN-AR-MS
5000	Miami-Hialeah, FL
5015	Middlesex-Somerset-Hunterdon, NJ
5080	Milwaukee, WI
5120	Minneapolis-Saint Paul, MN
5160	Mobile, AL
5170	Modesto, CA
5190	Monmouth-Ocean, NJ
5240	Montgomery, AL
5360	Nashville, TN
5380	Nassau-Suffolk, NY
5480	New Haven-Meriden, CT
5560	New Orleans, LA
5600	New York City, NY
5640	Newark, NJ
5680	Norfolk-Newport News (Metro surveys only), VA-NC
.	Norfolk-Virginia Beach (Newport News-Hampton added after 1983), VA-NC
5775	Oakland, CA
5880	Oklahoma City, OK
5920	Omaha, NE-IA
5960	Orlando, FL
6000	Oxnard-Ventura, CA
6080	Pensacola, FL
6120	Peoria, IL
6160	Philadelphia, PA-NJ

6200	Phoenix, AZ
6280	Pittsburgh, PA
.	Portland, OR - WA (Metro surveys only)
6480	Providence, RI
6640	Raleigh-Durham, NC
6780	Riverside-San Bernardino (6780 used in national surveys), CA
6840	Rochester, NY
6880	Rockford, IL
6920	Sacramento, CA
7040	Saint Louis, MO-IL
7090	Salem-Gloucester, MA
7120	Salinas-Seaside-Monterey, CA
7160	Salt Lake City-Ogden, UT
7240	San Antonio, TX
7280	Riverside-San Bernardino (6780 in all national surveys), CA
6780	San Bernardino-Riverside (7280 in all metro surveys), CA
7320	San Diego, CA
7360	San Francisco, CA
7400	San Jose, CA
7480	Santa Barbara-Santa Maria-Lompoc, CA
7500	Santa Rosa-Petaluma, CA
7510	Sarasota, FL
7560	Scranton-Wilkes Barre, PA
7600	Seattle, WA
7680	Shreveport, LA
7840	Spokane, WA
8000	Springfield, MA
8040	Stamford, CT
8120	Stockton, CA
8160	Syracuse, NY
8200	Tacoma, WA
8280	Tampa-Saint Petersburg-Clearwater, FL
8400	Toledo, OH
8480	Trenton, NJ
8520	Tucson, AZ
8560	Tulsa, OK
8680	Utica-Rome, NY
8720	Vallejo-Fairfield-Napa, CA
8840	Washington, DC-MD-VA
8880	Waterbury, CT
8960	West Palm Beach-Boca Raton, FL
9040	Wichita, KS
9240	Worcester, MA
9320	Youngstown-Warren, OH
9991	Chicago Areas (0620-Aurora-Elgin, 1600-Chicago, 3690-Joliet, 3965-Lake)
9992	New York Areas (5380-Nassau-Suffolk, 5600-New York, 5950-Orange County)
9993	Northern New Jersey Areas (0875-Bergen-Passaic, 3640-Jersey City, 5015-Middlesex-Somerset-Hunterdon, 5190-Monmouth-Ocean, 5640-Newark, 8480-Trenton)
9999	Non-Metro or Suppressed MS

Long description:
1980 design SMSA code used to uniquely identify each MSA

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse, typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
9999 code not present in MSA files. Codes 9991-9993 are used to mask cases where rare combinations of SMSA and METRO prevent us showing exact metro codes.
See http://www.census.gov/hhes/www/housing/ahs/metrodates.html for a list of which metropolitan areas are included in each metropolitan survey.
As a supplement to the national survey, the 1995, 1999, 2003, and 2009 national data include extra cases to allow separate analyses of 6 areas:
Chicago (0620, 1600, 3690, 3965, 9991), Detroit (2160), Los Angeles (4480), New York (5380, 5600, 9992), Northern New Jersey (0875, 3640, 5015, 5190, 5640, 8480, 9993), and Philadelphia (6160). (Los Angeles was not surveyed in 2009.)
All cases within these 18 MSA codes are covered, except Joliet City outside Chicago, and non-urbanized areas in Los Angeles, CA and Orange County, NY.
For the national PUF, the SMSA code refers to the collection of counties included in the SMSA of that name in 1983. The 1983 SMSA definitions can be found at
http://www.census.gov/population/www/metroareas/pastmetro.html
For national sample cases, the SMSA is based on the OMB's 1983 MSA definitions, in most cases. For metropolitan sample cases in 2011, SMSA is based on OMB's 2003 MSA definitions, released in June 2003. For earlier metropolitan samples, see Census metropolitan reports at
http://www.census.gov/housing/ahs/data/metro.html.
Type changed from numeric to character beginning in 2011.

STATE =
FIPS state code

01	Alabama
02	Alaska
04	Arizona
05	Arkansas
06	California
08	Colorado
09	Connecticut
10	Delaware
11	District of Columbia
12	Florida
13	Georgia
15	Hawaii
16	Idaho
17	Illinois
18	Indiana
19	Iowa
20	Kansas
21	Kentucky
22	Louisiana
23	Maine
24	Maryland
25	Massachusetts
26	Michigan
27	Minnesota
28	Mississippi
29	Missouri
30	Montana
31	Nebraska
32	Nevada
33	New Hampshire
34	New Jersey
35	New Mexico
36	New York
37	North Carolina
38	North Dakota
39	Ohio
40	Oklahoma
41	Oregon
42	Pennsylvania
44	Rhode Island
45	South Carolina
46	South Dakota
47	Tennessee
48	Texas
49	Utah
50	Vermont
51	Virginia
53	Washington
54	West Virginia
55	Wisconsin

56	Wyoming
99	Can not disclose state code

Long description:
FIPS State Code

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 2004MSA, 2011

Notes:
Variable may be changed and/or suppressed in the Metro survey to comply with 100,000 population rule.

ZONE =
Defined area of > 100,000 population

001:099	Zones inside the central city of an MSA
101:199	Zones in the suburbs of an MSA
201:299	Hybrid zones - contain cases in both the central city and the suburbs of an MSA
B or -6	Not applicable

Long description:
A zone is defined as a socio-economically homogeneous area of greater than 100,000 population. It does not necessarily correspond to a geographic subdivision although in almost all cases each identified zone is equivalent to a group of Census tracts. A zone may follow the boundaries of a county or cover a portion of a county. It may also cover several counties or townships or portions of several counties. The areas in a zone are not always adjacent. Note that these zones are not intended for use in separate analyses, but rather as analytic building blocks, because the limited sample size in each zone will preclude reliable results for any single area.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 2002MSA, 2004MSA, 2011

Notes:
Not applicable (B) could mean an area where Census does not define a zone or that data was withheld for disclosure reasons.
AHS Zones are specific to the survey year, as is the geography used to create the AHS Zones. AHS Zones may change between survey years. Users are strongly cautioned against making comparisons between survey years for AHS Zones with the same value for the ZONE variable. User should consult the available AHS maps and GIS layers to determine if AHS Zone boundaries have changed between metropolitan surveys.

Unit

ACCESS =

Direct access to unit

1	Yes, direct access
2	No, through another unit
B or -6	Not applicable

Long description:
Does this housing unit have direct access either from the outside or through a common hall?

Type:	Character
Edit flag variable:	JCCESS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Institutional] is not available on the public use file.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Unoccupied site for mobile home, trailer or tent or group quarters)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Institutional] ; OR
3 : [Noninterview] AND [(Type A noninterview)] ; OR
4 : [Noninterview] AND [(Type B noninterview)] ; OR
5 : [Noninterview] AND [(Type C noninterview)]

ACCESSB =

Entry system required to access building

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

AGERES =

Age restricted development

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

AIR =

Room air conditioner

1	Yes
2	No
B or -6	Not applicable

Long description:
Do you (also) use any room air conditioners?
Do other residents use any room air conditioners?
Does the housing unit have any room air conditioners?

Type:	Numeric
Edit flag variable:	JAIR
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

AIRSYS =

Central air conditioner

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this heat pump/heating equipment provide air conditioning for this home?
Does this housing unit have central air conditioning?

Type:	Character
Edit flag variable:	JIRSYS
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

ANYCAR =
Wall-to-wall carpeting in any area of unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do any areas in your home have wall-to-wall carpeting?

Type:	Character
Edit flag variable:	JNYCAR
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [No carpeting in unit] ; OR
3 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
4 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
5 : [NOT occupied interview]

ANYPNT =
Any painting done on inside of unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In the past 12 months, was any painting done on the inside of your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [NOT occupied interview]

ANYRUG =

Any rugs or carpeting in unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
The next few questions are about carpeting and paint in your home.
Do you have ANY rugs or carpeting in your home?

Type:	Character
Edit flag variable:	JNYRUG
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [NOT occupied interview]

APTFL =

Number of floors in the apartment itself

1:3	1-3
4	4 or more

Long description:
How many floors are in this APARTMENT itself?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

ASSTSERV =

Manager provides personal care assistance

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA

Notes:
One or more instances of assistance with: meals, transportation, housekeeping, financial management, aid with telephone, and shopping

ATBSUN =

Number of unfinished attics/basements in unit

0:5	0-5 Unfinished Attics/Basements

Long description:
Recoded sum of ATBSUN1 through ATBSUN5

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

BATHS =
Number of full bathrooms in unit

0:9	0-9 full bathrooms
10	10 or more full bathrooms
B or -6	Not applicable

Long description:
Recoded sum of BATHS1 through BATHS5

Type:	Numeric
Edit flag variable:	JBATHS
Allocation Matrix:	Matrix B
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

BDCARP =
Wall-to-wall carpeting in bedroom

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Is there wall-to-wall carpeting in your bedroom/any of your bedrooms?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [The unit does not have any wall to wall carpeting] ; OR
3 : [Occupied interview] AND [No carpeting in unit] ; OR
4 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
5 : [Occupied interview] AND [The unit has not bedrooms] ; OR
6 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
7 : [NOT occupied interview]

BEDRMS =
Number of bedrooms in unit

0:9	0-9 full bedrooms
10	10 or more full bedrooms
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
Recoded sum of BEDRMS1 through BEDRMS5

Type:	Numeric
Edit flag variable:	JEDRMS
Allocation Matrix:	Matrix B
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcode levels and the number of cases vary by geography. Variable was topcoded at the lowest geography.

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

BEDX =
Number of bedrooms with wall-to-wall carpeting

0	No bedrooms
1:10	1-10 bedrooms
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How many of your bedrooms have wall-to-wall carpeting?

Type:	Numeric
Edit flag variable:	JBEDX
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [The unit does not have any wall to wall carpeting] ; OR
3 : [Occupied interview] AND [No carpeting in unit] ; OR
4 : [Occupied interview] AND [The bedroom doesn't have wall to wall carpeting] ; OR
5 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
6 : [Occupied interview] AND [The unit has not bedrooms] ; OR
7 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
8 : [NOT occupied interview]

BUILT =
Year unit was built

1990:2013	1990-2013
1985	1985-1989
1980	1980-1984
1975	1975-1979
1970	1970-1974
1960	1960-1969
1950	1950-1959
1940	1940-1949
1930	1930-1939
1920	1920-1929
1919	1919 or earlier
B or -6	Not applicable

Long description:
Year this housing unit was built.
(If respondent replies DK or is uncertain, probe: Do you know what decade, such as the 80's, 70's, 60's or some other decade?)

Type:	Numeric
Edit flag variable:	JBUILT
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse, typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
This is the coding for 2009 and forward. Earlier PUFs have slightly different coding. In general, specific years, not ranges, are given as values for the most recent time period. Users of earlier surveys should do a frequency distribution on this variable to determine the dividing line between ranges and individual years.
The TYPEC relational table has the most recent available value of this variable.

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

BURNER =

Unit has working built-in cooking burners

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this housing unit have any built-in cooking burners that are in working order?

Type:	Character
Edit flag variable:	JURNER
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit has working cook stove and/or range oven] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

BUSIN =

Number of offices/business rooms in unit

0:5	0-5 Offices/Business rooms

Long description:
Recoded sum of BUSIN1 through BUSIN5

Type:	Numeric
Edit flag variable:	JBUSIN
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

BUSPER =
rooms used for business/personal use

0	None
1:9	1-9
10	10 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How many rooms, if any, are used both as business space and for personal use?

Type:	Numeric
Edit flag variable:	JUSPER
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

CELLAR =
Unit has a basement

1	With a basement under all of the house
2	With a basement under part of the house
3	With a crawl space
4	On a concrete slab
5	In some other way (SPECIFY)
B or -6	Not applicable

Long description:
Is this house built-

Type:	Numeric
Edit flag variable:	JELLAR
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Apartment building or mobile home)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

CLIMB =
Number of floors from main entrance to apartment

0	Same floor
1:20	1-20
21	21 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many stories are there from the main entrance of the building to the main entrance of this apartment?

Type:	Numeric
Edit flag variable:	JCLIMB
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: For the National Survey, the variable has a topcode computed for each SMSA-METRO3 combination shown in the public use file. For the Metro Survey, the variable has a topcode computed for each SMSA-ZONE combination shown in the public use file.
2011 and after: Topcode levels and the number of cases vary by geography. Variable was topcoded at the lowest geography.
Topcodes for variables that describe the physical characteristics of housing units that are not likely to change very much over time are compared to topcodes used in previous enumerations of the AHS survey. The larger of the topcode calculated in the current survey year and the largest topcode ever used in a previous survey year is the topcode that will be used for the current survey year.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [NOT apartment building] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

CONDO =
Unit is condominium or cooperative

1	Either Condo or Cooperative
3	No, Neither one
B or -6	Not applicable

Long description:
Is this housing unit part of a condominium
or cooperative or neither one?

Type:	Character
Edit flag variable:	JCONDO
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Cooperative units are combined with condominium units.

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

COOK =

Unit has working cookstove or range/oven

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this housing unit have some type of cooking stove,
or a range with an oven--one that is in working order?

Type:	Character
Edit flag variable:	JCOOK
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

DENS =

Number of dens/libraries/tv rooms in unit

0:5	0-5 Dens/Libraries/TV Rooms
B or -6	Not applicable

Long description:
Recoded sum of DENS1 through DENS5

Type:	Numeric
Edit flag variable:	JDENS
Allocation Matrix:	Matrix B
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

DINING =
Number of dining rooms in unit

0:5	0-5 Dining rooms
B or -6	Not applicable

Long description:
Number of separate dining rooms in unit. Recoded sum of DINING1 through DINING5

Type:	Numeric
Edit flag variable:	JINING
Allocation Matrix:	Matrix B
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Slight change in wording in 2009: “separate” added to question.

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

DIRAC =

Number of offices having direct access

0	None have direct access to the outside
1:10	1-10 have direct access to the outside
B or -6	Not applicable
R or -8	Refused

Long description:
And, how many offices used for business have direct access to the outside?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
3 : [Occupied interview] AND [(No offices are used exclusively for business)]

DISH =

Unit has working dishwasher

1	Yes
2	No
B or -6	Not applicable

Long description:
Recode created from DISHQ, APPLWK, DISHWK, DISHFX

Type:	Character
Edit flag variable:	JDISH
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

DISPL =

Unit has working garbage disposal

1	Yes
2	No
B or -6	Not applicable

Long description:
Recode created from DISPLQ, APPLWK, DISPLWK, DISPLFX

Type:	Character
Edit flag variable:	JDISPL
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit doesn't have kitchen sink] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

DRSHOP =

Medical office/community store on property

1	Yes
2	No
B or -6	Not applicable

Long description:
Is there a medical or dental office or any
commercial establishment on the property?

Type:	Character
Edit flag variable:	JRSHOP
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Rented or occupied without payment)]

DRY =
Unit has working clothes dryer

1	Yes
2	No
B or -6	Not applicable

Long description:
Recode created from DRYQ, APPLWK, DRYWK, DRYFX

Type:	Character
Edit flag variable:	JDRY
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

DSTEAM =

Steam/hot water system-DK if supplemental/parallel

B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
This variable is a recode added to the file for the sole purpose of denoting that this piece of secondary heating equipment exists in the housing unit, but we do not know if it is a supplemental or parallel piece of heating equipment. The only nonblank value it will contain is a 'D'.

Type:	Character
Edit flag variable:	JDSTEA
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
Answer choice of D is appropriate response for condition being true.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Steam system NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

DSTOVE =
Woodburning stove - DK if supplemental/parallel

B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
This variable is a recode added to the file for the sole purpose of denoting that this piece of secondary heating equipment exists in the housing unit, but we do not know if it is a supplemental or parallel piece of heating equipment. The only nonblank value it will contain is a 'D'.

Type:	Character
Edit flag variable:	JDSTOV
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
Answer choice of D is appropriate response for condition being true.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Wood stove NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

EAIRC =
Energy star rated room air conditioner

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of these appliances energy star rated?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

EBAR =
Windows covered with metal bars

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of the windows in any rooms covered with metal bars?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The observation module was removed from the questionnaire in 2011 and this question was moved to the breakdown module. Prior to 2011, only noninterviews were coded as not applicable (B) for this question. In 2011 and after, Bs are defined in relation to the universe of the question in the questionnaire.

Conditions not in universe 2009 and earlier:
1 : [Noninterview]

Conditions not in universe after 2009:
1 : [Noninterview]: OR
2 : [(Occupied interview or URE interview or vacant interview)] and [(ESAGR is NOT Yes, No, Don't know, or Refuse)]

ECNTAIR =

Energy star rated central air conditioner

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of these appliances energy star rated?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

EDISHWR =

Energy star rated dishwasher

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of these appliances energy star rated?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

EDRYER =

Energy star rated clothes dryer

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of these appliances energy star rated?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

EFRIDGE =

Energy star rated refrigerator

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of these appliances energy star rated?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

EHEATUT =

Energy star rated heating equipment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of these appliances energy star rated?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

ELEV =

Working passenger elevator

1	No elevator
2	At least one working elevator
3	All elevators not working
B or -6	Not applicable

Long description:
Is there a working passenger elevator to your floor?
(COUNT FREIGHT ELEVATORS ALSO MEANT TO BE USED BY PASSENGERS)

Type:	Character
Edit flag variable:	JELEV
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [NOT apartment building] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

ENOEAPP =

No energy star rated appliances

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of these appliances energy star rated?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

EOTEAPP =

Unit has another type of energy star rated appliance

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of these appliances energy star rated?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

ETRSHCP =

Energy star rated built-in trash compactor

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of these appliances energy star rated?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

EWASHR =

Energy star rated washing machine

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of these appliances energy star rated?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

EXCLUS =

Number offices used exclusively for business

0	No offices used exclusively for business
1:9	1-9 offices used exclusively for business
10	10 or more offices used exclusively for business
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
You mentioned having some offices in your home.
How many of these offices are used exclusively for business?

Type:	Numeric
Edit flag variable:	JXCLUS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

FAMRM =

Number of family rooms/great rooms in unit

0:5	0-5 Family rooms/"Great" rooms
B or -6	Not applicable

Long description:
Recoded sum of FAMRM1 through FAMRM5

Type:	Numeric
Edit flag variable:	JFAMRM
Allocation Matrix:	Matrix B
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

FLOODPLN =
Unit in a flood plain

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is this property in a flood plain?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [There are no bodies of water within half a block of unit] ; OR
2 : [Noninterview]

FLOORS =

Number of stories in building

1:20	1 TO 20
21	21 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many stories are there in this building ?
(IF SPLIT LEVEL, COUNT GREATEST NUMBER OF STORIES ON TOP OF EACH OTHER)

Type:	Numeric
Edit flag variable:	JLOORS
Allocation Matrix:	Matrix E
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: For the National Survey, the variable has a topcode computed for each SMSA-METRO3 combination shown in the public use file. For the Metro Survey, the variable has a topcode computed for each SMSA-ZONE combination shown in the public use file.
2011 and after: Topcode levels and the number of cases vary by geography. Variable was topcoded at the lowest geography.
Topcodes for variables that describe the physical characteristics of housing units that are not likely to change very much over time are compared to topcodes used in previous enumerations of the AHS survey. The larger of the topcode calculated in the current survey year and the largest topcode ever used in a previous survey year is the topcode that will be used for the current survey year.

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

FLOT =
Room heater vented to outside

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is it VENTED to the outside through a chimney, flue, or pipes
OR is it UNVENTED?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).
Information on [Working room heaters] is not available on the public use file.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [(Occupied interview or URE interview or vacant interview)] AND [Working room heaters] ; OR
4 : [NOT (occupied interview or URE interview or vacant interview)]

FPINS =
Fireplace has inserts

1	Yes, all with inserts
2	Yes, some with inserts
3	No, none have inserts
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Does it have inserts, that is, equipment designed to circulate more heat into the room?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Don't consider fireplace to be heating equipment] is not available on the public use file.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Don't consider fireplace to be heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have useable fireplace or Did not know if unit had useable fireplace or Refused to answer if unit had useable fireplace] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FPLWK =
Unit has useable fireplace

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this housing unit have a useable fireplace?

Type:	Numeric
Edit flag variable:	JFPLWK
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

FRPL =
Fireplace does not have inserts

1	No, none have inserts
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Does it have inserts, that is, equipment designed to circulate more heat into the room?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The first response code was changed from “X” to “1” for 2011 and forward.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have useable fireplace or Did not know if unit had useable fireplace or Refused to answer if unit had useable fireplace] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FRPLI =
Fireplace has inserts

1	Yes, some or all with inserts
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Does it have inserts, that is, equipment designed to circulate more heat into the room?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The first response code was changed from “X” to “1” for 2011 and forward.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have useable fireplace or Did not know if unit had useable fireplace or Refused to answer if unit had useable fireplace] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FRSTOC =
Current occupants are first occupants

1	First occupants
2	Previously occupied
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Were you the first occupant to occupy this home or did someone else live here before you did?

Type:	Character
Edit flag variable:	JRSTOC
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit was built before 1990] ; OR
3 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

GARAGE =

Garage or carport included with unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is a garage or carport included with this housing unit?

Type:	Character
Edit flag variable:	JARAGE
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

HALB =

Additional half bathrooms in unit

1	Yes
2	No

Long description:
Do you have any additional half bathrooms anywhere in your home?
Is that in an area or room adjoining any your bathroom?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

HALFB =

Number of half bathrooms in unit

0:10	0-10 Half Bathrooms
B or -6	Not applicable

Long description:
Recoded sum of HALFB1 through HALFB5

Type:	Numeric
Edit flag variable:	JHALFB
Allocation Matrix:	Matrix B
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

HOTPIP =

Unit has hot & cold running water

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this full bath contain both hot and cold water?
Does this housing unit have both hot and cold water?

Type:	Character
Edit flag variable:	JOTPIP
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

INCP =

Offstreet parking included

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is a driveway/lot/parking area off the street provided?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit has garage] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

KEXCLU =

Kitchen facilities for household use only

1	Yes
2	No
B or -6	Not applicable

Long description:
Are these kitchen facilities for your household's use only/only for the use of future tenants/owners?

Type:	Character
Edit flag variable:	JEXCLU
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview) and (Apartment building or Attached mobile home)] AND [Unit doesn't have kitchen sink or No working refrigerator or (Unit does not have

working cook stove and/or range oven and Unit does not have working cooking burners and No working microwave oven - other)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [NOT apartment building and NOT attached mobile home] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

KITCH =

Number of kitchens in unit

0:5	0-5 Kitchens
B or -6	Not applicable

Long description:
Recoded sum of KITCH1 through KITCH5

Type:	Numeric
Edit flag variable:	JKITCH
Allocation Matrix:	Matrix B
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

KITCHEN =

Complete kitchen facilities in unit

1	Have complete kitchen facilities
2	Lacking complete kitchen facilities
B or -6	Not applicable

Long description:
To have complete kitchen facilities, the unit must meet the following conditions:
Single unit housing units: must have a sink, refrigerator, and (range, cookstove, microwave, or built-in cooking burners) in the kitchen
Multiunit (NUNIT2 = 3) housing units: Same as single units but also exclusive use.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

LAT70S =
Year unit built in late 1970s

5:9	1975-1979
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
We have some additional questions for older homes. We have recorded that your house was built in the late 1970's. What was the exact year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
2 : [Occupied interview] AND [Unit was built during 1970 or earlier and Unit was built during or after 1919] ; OR
3 : [NOT occupied interview]

LAUNDY =

Number of laundry/utility rooms in unit

0:5	0-5 Laundry/utility rooms
B or -6	Not applicable

Long description:
Recoded sum of LAUNDY1 through LAUNDY5

Type:	Numeric
Edit flag variable:	JAUNDY
Allocation Matrix:	Matrix B
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

LIVING =

Number of living rooms in unit

0:4	0-4 Living rooms
5	5 or more
B or -6	Not applicable

Long description:
Recoded sum of LIVING1 through LIVING5

Type:	Numeric
Edit flag variable:	JIVING
Allocation Matrix:	Matrix B
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

LOT =
Square footage of lot

200:999997	200-999,997 square feet
B or -6	Not applicable
. or -9	Not reported

Long description:
About how large is the lot?
*** INCLUDE ALL CONNECTING LAND THAT IS OWNED OR THAT
IS RENTED WITH THE HOME***
*** IF OVER 1 ACRE, DROP ANY FRACTIONS, DON'T ROUND UP ***
*** IF UNDER 1 ACRE, CONVERT TO APPROXIMATE SQUARE FEET ***
One eighth acre = 5500 sq. ft. Half acre = 22000 sq. ft.
Quarter acre = 11000 sq. ft. Three quarters acre = 33000 sq. ft.
One third acre = 14000 sq. ft. One acre = 44000 sq. ft.

Type:	Numeric
Edit flag variable:	JLOT
Allocation Matrix:	Matrix E
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcode levels and the number of cases vary by geography. Variable was topcoded by the supplemental metropolitan areas and the remainder of the cases.
Topcodes for variables that describe the physical characteristics of housing units that are not likely to change very much over time are compared to topcodes used in previous enumerations of the AHS survey. The larger of the topcode calculated in the current survey year and the largest topcode ever used in a previous survey year is the topcode that will be used for the current survey year.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Apartment building or Attached mobile home] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
3 : [Occupied interview and Owned] AND [(Unit is a condo or cooperative)]

LVCARP =

Wall-to-wall carpeting in living room

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is there wall-to-wall carpeting in living room?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [(The number of living rooms in a unit is not between 1 and 5)] ; OR
3 : [Occupied interview] AND [The unit does not have any wall to wall carpeting] ; OR
4 : [Occupied interview] AND [No carpeting in unit] ; OR
5 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
6 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
7 : [NOT occupied interview]

MOBILTYP =

Manufactured/mobile home type

1	Single-wide unit
2	Double-wide or larger unit
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

MOPERM =
months since occupied as permanent home

0	Less than 1 month
1:24	1-24 MONTHS
25	Over 2 years
26	NEVER OCCUPIED AS A PERMANENT HOME
27	Don't know
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many months has it been since this housing unit was occupied as a permanent home?

Type:	Numeric
Edit flag variable:	JOPERM
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
27 is an older "don't know" code.
Information on [Household doesn't own land on which mobile home sits] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview and (Rented or occupied without payment)] AND [(Mobile home)] ; OR
2 : [Occupied interview and (Rented or occupied without payment)] AND [(NOT mobile home)] ; OR
3 : [Occupied interview and Owned] AND [(The current value of the land is between 1 and 999998) or Does not know what the current value of the land is or Refused to answer what the current value of the land was] ; OR
4 : [Occupied interview and Owned] AND [Household doesn't own land on which mobile home sits or Refused to answer whether household owns land on which mobile home sits or Don't know if household owns land on which mobile home sits or Not reported if household owns land on which mobile home sits] ; OR
5 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

MOSALL =

Unit is typically occupied year-round

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	JMOSALL
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

MOSAPR =

Unit is typically occupied in April

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

MOSAUG =

Unit is typically occupied in August

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

MOSDEC =

Unit is typically occupied in December

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

MOSFEB =

Unit is typically occupied in February

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

MOSJAN =

Unit is typically occupied in January

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

MOSJUL =

Unit is typically occupied in July

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

MOSJUN =

Unit is typically occupied in June

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

MOSMAR =

Unit is typically occupied in March

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

MOSMAY =

Unit is typically occupied in May

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

MOSNOV =

Unit is typically occupied in November

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

MOSOCT =

Unit is typically occupied in October

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

MOSSEP =

Unit is typically occupied in September

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During what months is this unit occupied during a typical year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

NEWC =

New construction in last 4 years

1	Yes
2	No

Long description:
This is a recoded variable based on the month and year the unit was built and the month and year of the interview.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

NOOTHRM =
No other rooms in unit

X	No OTHER rooms
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Besides all of these rooms, are there any OTHER rooms in your home?
If "Yes"- What are they? "How many?" (enter in list below)
If "No" - Enter "X" here: No OTHER rooms
(ENTER THE NUMBER OF EACH TYPE OF ROOM RESPONDENT MENTIONS. DO NOT COUNT THE SAME ROOM MORE THAN ONCE.)

Type:	Character
Edit flag variable:	JNOOTH
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

NUMAIR =
Number of room air conditioners

1:7	1-7
8	8 or more
B or -6	Not applicable

Long description:
How Many?

Type:	Numeric
Edit flag variable:	JUMAIR
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Room air conditioners are not used or Does not know if there is a room air conditioner or Refused to answer whether there is a room air conditioner] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

NUNIT2 =
Are these living quarters in a…

1	One-unit building, detached from any other building
2	One-unit building, attached to one or more buildings
3	Building with two or more apartments
4	Manufactured (mobile) home
B or -6	Not applicable

Long description:
These living quarters in a -

Type:	Character
Edit flag variable:	JUNIT2
Allocation Matrix:	Matrix A
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
For 1997 and 1999 National and 1998 Metro surveys the categories for mobile homes are:
4 = One-unit mobile home
5 = Two or more unit mobile home

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Unoccupied site for mobile home, trailer or tent or group quarters)] ; OR
2 : [Noninterview] AND [(Type A noninterview)] ; OR
3 : [Noninterview] AND [(Type B noninterview)] ; OR
4 : [Noninterview] AND [(Type C noninterview)]

NUNITS =

Number of units in building

1:997	1-997 apartments
998	998 apartments or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many apartments, both occupied and vacant, are in the building?

Type:	Numeric
Edit flag variable:	JUNITS
Allocation Matrix:	Matrix A
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: For the National Survey, the variable has a topcode computed for each SMSA-METRO3 combination shown in the public use file. For the Metro Survey, the variable has a topcode computed for each SMSA-ZONE combination shown in the public use file.
2011 and after: Topcode levels and the number of cases vary by geography. Variable was topcoded at the lowest geography.
Topcodes for variables that describe the physical characteristics of housing units that are not likely to change very much over time are compared to topcodes used in previous enumerations of the AHS survey. The larger of the topcode calculated in the current survey year and the largest topcode ever used in a previous survey year is the topcode that will be used for the current survey year.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Unoccupied site for mobile home, trailer or tent or group quarters)] ; OR
2 : [Noninterview] AND [(Type A noninterview)] ; OR
3 : [Noninterview] AND [(Type B noninterview)] ; OR
4 : [Noninterview] AND [(Type C noninterview)]

OARSYS =

Unit has another central a/c system

1	Yes
2	No
B or -6	Not applicable

Long description:
Besides this heat pump, does this home have another
CENTRAL air conditioning system?
Does this home have ANOTHER CENTRAL air conditioning system?

Type:	Character
Edit flag variable:	JARSYS
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Central air conditioning system is not used] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

OBEDRM =

Number of offices used for bedroom

0	No offices are also used as bedrooms/guest rooms
1:10	1-10 offices are also used as bedrooms/guest rooms

Long description:
Concerning the offices(s) NOT used exclusively for business,
what else are they used for?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N

ODIN =

Number of offices used as dining room

0	No offices are also used as dining rooms
1:5	1-5 offices are also used as dining rooms

Long description:
Concerning the offices(s) NOT used exclusively for business, what else are they used for?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N

ODIRAC =

Number of offices having direct access

0	No offices have direct access to the outside
1:10	1-10 offices have direct access to the outside

Long description:
And, how many offices used exclusively for business have direct access to the outside?

Type:	Numeric
Edit flag variable:	JDIRAC
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N

OKITCH =

Number of offices used for kitchen

0	No offices are also used as kitchens
1:5	1-5 offices are also used as kitchens

Long description:
Concerning the offices(s) NOT used exclusively for business, what else are they used for?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N

OLIVIN =

Number of offices used for living room

0	No offices are also used as living rooms
1:5	1-5 offices are also used as living rooms

Long description:
Concerning the offices(s) NOT used exclusively for business, what else are they used for?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N

OOTHRM =

Number of offices used for other room

0	No offices are also used as other rooms
1:5	1-5 offices are also used as other rooms

Long description:
Concerning the offices(s) NOT used exclusively for business,
what else are they used for?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N

OTBUP =

Other building on property used as living quarters

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
Is there any other building on the property
for people to live in--either occupied or vacant?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview] AND [(Type A noninterview)] ; OR
2 : [Noninterview] AND [(Type B noninterview)] ; OR
3 : [Noninterview] AND [(Type C noninterview)]

OTHFN =
Number of other finished rooms in unit

0:10	0-10
B or -6	Not applicable

Long description:
Recoded sum of OTHFN1 through OTHFN5

Type:	Numeric
Edit flag variable:	JOTHFN
Allocation Matrix:	Matrix B
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2001 National survey, the maximum value for OTHFN was 5.

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

OTHLQ =

Other living quarters on property

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are there any occupied or vacant apartments besides yours in this house?
Are there any occupied or vacant apartments besides yours in this house/building?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Unoccupied site for mobile home, trailer or tent or group quarters)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [NOT house, apartment, flat or mobile home] ; OR
3 : [Noninterview] AND [(Type A noninterview)] ; OR
4 : [Noninterview] AND [(Type B noninterview)] ; OR
5 : [Noninterview] AND [(Type C noninterview)]

OTHLQ1 =

Other apartments in building

1	Yes
2	No

Long description:
Are there any occupied or vacant apartments besides yours in this house/building?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N

OTHLQ2 =

Other apartments in building

1	Yes
2	No

Long description:
Are there any occupied or vacant apartments besides yours in this house?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N

OTHRUN =

Number of other unfinished rooms in unit

0:5	0-5 Other Unfinished rooms
B or -6	Not applicable

Long description:
Recoded sum of OTHUN1 through OTHUN5

Type:	Numeric
Edit flag variable:	JTHRUN
Allocation Matrix:	Matrix B
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

OVEN =
Unit has a working microwave oven

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this housing unit have a microwave oven that is in working order?

Type:	Character
Edit flag variable:	JOVEN
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit has working cooking burners] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Unit have working cook stove and/or range oven] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

OWNHERE =
Owner/resident manager lives on-site

1	Yes
2	No
B or -6	Not applicable

Long description:
Does either the owner or a resident manager live in this building/complex?
(Exclude staff who do only maintenance.)

Type:	Character
Edit flag variable:	JWNHER
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table:	owner
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(One-unit mobile home and Less than 2 mobile homes in group) or (One-unit building)]

OWNLOT =

Household owns the land

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do you own the land?

Type:	Character
Edit flag variable:	JWNLOT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [((Occupied interview and (One-unit or apartment building) and Not owned) or ((URE interview or vacant interview) and ((One-unit or apartment building) or Mobile home to be moved)) or Noninterview)] AND [Reported if household owns the land]

PERSERV =

Management provides personal care assistance

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA

Notes:
One or more instances of assistance with bathing, eating, moving about, dressing, toilet use

PHONE =

Telephone available for use

1	Telephone in unit or one is available for the household's use
2	No telephone in unit and none available for the household's use
B or -6	Not applicable
D or -7	Don't know

Long description:
This recode indicates whether or not a telephone is in the housing unit. If there is no telephone in the unit, then the recode indicates whether or not there is a telephone available somewhere for the household's use

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

PLUGS =

Every room has working electrical plug

1	Yes
2	No
B or -6	Not applicable

Long description:
In our last interview in (date) we recorded that every room had an electrical outlet or wall plug that worked.
Is this still correct? Does every room have an electrical outlet or wall plug that works?

Type:	Character
Edit flag variable:	JPLUGS
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No electrical wiring] ; OR
2 : [Noninterview]

PORCH =
Unit has porch/deck/balcony/patio

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this housing unit have a porch, deck, balcony, or patio?
(Measuring at least 4 feet by 4 feet)

Type:	Character
Edit flag variable:	JPORCH
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

PREOCC =
Received unit as gift or purchased it

1	Gift or inheritance
2	Purchased
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did you receive the home as a gift or inheritance or did you purchase it?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview and Owned] AND [(Respondent obtained home) or Did not know how obtained home or Refused to answer how obtained home or Not reported how owner obtained unit] ; OR
3 : [Occupied interview] AND [Not owned] ; OR
4 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

PUBSEW =

Unit connected to public sewer

1	Yes
2	No
B or -6	Not applicable

Long description:
Is this housing unit connected to a public sewer?

Type:	Character
Edit flag variable:	JUBSEW
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

RECRM =

Number of recreation rooms in unit

0:5	0-5 Recreation rooms
B or -6	Not applicable

Long description:
Recoded sum of RECRM1 through RECRM5

Type:	Numeric
Edit flag variable:	JRECRM
Allocation Matrix:	Matrix B
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

REFR =

Unit has a working refrigerator

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this housing unit have a refrigerator that is in working order?
(Exclude ice boxes.)

Type:	Character
Edit flag variable:	JREFR
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

ROOMS =

Number of rooms in unit

1:20	1-20 rooms
21	21 rooms or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: Topcoded at 21. Listed topcode appears on microdata.
2011 and after: Topcode levels and the number of cases vary by geography. Variable was topcoded at the lowest geography.

ROOMSA =

Rooms used for both business & other

1	Yes
2	No

Long description:
Are any of your rooms used both as business space and for something else, such as a guest room?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 2004MSA

ROOMSB =

Number of rooms used for both business & other

1:99	1-99 rooms used for both business and something else

Long description:
How many rooms are used for both?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 2004MSA

SEWDIS =
Type of sewage disposal

1	Septic tank or cesspool
2	Chemical toilet
3	Outhouse or privy
4	Other
5	None
B or -6	Not applicable

Long description:
What means of sewage disposal does this housing unit have?

Type:	Character
Edit flag variable:	JEWDIS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit connected to public sewer] ;
OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

SEWDISTP =

Type of septic tank or cesspool sewage disposal system

1	Conventional — Standard septic tank and subsurface leach field
2	Pressurized — Uses a pump to distribute wastewater
3	Mound — Elevated above natural soil surface
4	Irrigation — Applies treated wastewater
5	Other — Any type not listed above
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What type of sewage disposal system do you have?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

SEWDUS =

Number of units connected to sewage system

1	One
2	2 to 5
3	6 or more
B or -6	Not applicable

Long description:
How many homes are connected to the sewage system?

Type:	Character
Edit flag variable:	JEWDUS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Chemical toilet or outhouse or privy or other non-septic tank or none sewage disposal) or Don't know type of sewage disposal or Refused to disclose type of sewage disposal] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Unit connected to public sewer] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SHARAT =
Unit shares attic or basement

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know

Long description:
Does this housing unit share an attic or basement with the housing unit next door?

Type:	Character
Edit flag variable:	JHARAT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Unoccupied site for mobile home, trailer or tent or group quarters)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [NOT detached building and Unit doesn't share attic or basement and Unit doesn't share furnace or boiler] ; OR
3 : [Noninterview] AND [(Type A noninterview)] ; OR
4 : [Noninterview] AND [(Type B noninterview)] ; OR
5 : [Noninterview] AND [(Type C noninterview)]

SHARFR =
Unit shares furnace or boiler

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this housing unit share a furnace or boiler with the housing unit next door?

Type:	Character
Edit flag variable:	JHARFR
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Unoccupied site for mobile home, trailer or tent or group quarters)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [NOT detached building and Unit doesn't share attic or basement and Unit doesn't share furnace or boiler] ; OR
3 : [(Occupied interview or URE interview or vacant interview)] AND [Unit shares attic or basement] ; OR
4 : [Noninterview] AND [(Type A noninterview)] ; OR
5 : [Noninterview] AND [(Type B noninterview)] ; OR
6 : [Noninterview] AND [(Type C noninterview)]

SINHV =

Inherited this vacant/URE unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Which of the following reasons is why the owner(s) own this housing unit? Because

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

SINK =

Unit has kitchen sink

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this housing unit have a kitchen sink?

Type:	Character
Edit flag variable:	JSINK
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

SINVV =
Own vacant/URE unit as an investment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Which of the following reasons is why the owner(s) own this housing unit? Because

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

SOTHV =
Own vacant/URE unit for some other reason

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Which of the following reasons is why the owner(s) own this vacant/URE housing unit? Because

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

SRECV =

Own vacant/URE unit for recreation

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Which of the following reasons is why the owner(s) own this vacant/URE housing unit? Because

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

SRENTV =

Number of nights vacant/URE unit was rented out

1	0-2 nights
2	3-7 nights
3	8 or more nights
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In the past year, how many nights was this vacant/URE housing unit unit rented out?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

SSELV =
Want to sell vacant/URE unit - not sold yet

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Which of the following reasons is why the owner(s) own this vacant/URE housing unit? Because

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

STEAM =

Steam system used as supplemental heating equipment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What OTHER kinds of working heating equipment does this housing unit HAVE or USE?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

STORG =

Number of storage rooms/pantries in unit

0:5	0-5 Storage rooms/Pantries

Long description:
Recoded sum of STORG1 through STORG5

Type:	Numeric
Edit flag variable:	JSTORG
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

TELAV =

Telephone available elsewhere

1	Yes
2	No

Long description:
Is there a telephone elsewhere on which people in this household can be contacted?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

TELHH =

Telephone in housing unit

1	Yes
2	No

Long description:
If we need to contact you by telephone to follow up on missing data, is there a telephone in this housing unit?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

TENURE =
Owner/renter status of unit

1	Owned or being bought by someone in your household
2	Rented
3	Occupied without payment of rent
B or -6	Not applicable

Long description:
Is this housing unit -
READ CATEGORIES UNTIL A “YES” REPLY IS RECEIVED

Type:	Character
Edit flag variable:	JENURE
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Wording for response codes 2 and 3 changed in 2009. Previous wording was 2) Rented for cash rent; 3) Occupied without payment of cash rent.

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Noninterview] AND [(Type B noninterview)] ; OR
3 : [Noninterview] AND [(Type C noninterview)]

TIMSHR =
Ownership of unit time shared

1	Yes
2	No
B or -6	Not applicable

Long description:
Is the ownership of this housing unit time-shared?

Type:	Character
Edit flag variable:	JIMSHR
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Household doesn't own land on which mobile home sits] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview and (Rented or occupied without payment)] AND [(Mobile home)] ; OR
2 : [Occupied interview and (Rented or occupied without payment)] AND [(NOT mobile home)] ; OR
3 : [Occupied interview and Owned] AND [(The current value of the land is between 1 and 999998) or Does not know what the current value of the land is or Refused to answer what the current value of the land was] ; OR
4 : [Occupied interview and Owned] AND [Household doesn't own land on which mobile home sits or Refused to answer whether household owns land on which mobile home sits or Don't know if household owns land on which mobile home sits or Not reported if household owns land on which mobile home sits] ; OR
5 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

TRASH =

Unit has working built-in trash compactor

1	Yes
2	No
B or -6	Not applicable

Long description:
Recode created from TRASHQ, APPLWK, TRASHWK, TRASHFX

Type:	Character
Edit flag variable:	JTRASH
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

TUB =

Unit has a bathtub or shower

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this full bath contain a bathtub or a shower?
Does this housing unit have a bathtub or a shower?

Type:	Character
Edit flag variable:	JTUB
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

TYPE =
Housing unit type

1	House, apartment, flat
2	Mobile home with No permanent room added
3	Mobile home with permanent room added
4	HU, in nontransient hotel, motel, etc.
5	HU, in permanent transient hotel, motel, etc.
6	HU, in rooming house
7	Boat or recreation vehicle
8	Tent, cave, or railroad car
9	HU, not specified above
10	Unoccupied site for mobile home, trailer or tent
11	Group Quarters
B or -6	Not applicable

Long description:
Is this unit (or address) a house, an apartment, a manufactured/mobile home, or some other type of residence?

Type:	Numeric
Edit flag variable:	JTYPE
Allocation Matrix:	Matrix A
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview] AND [(Type C noninterview)]

UNITSF =

Square footage of unit

99	99 square feet or less
100:99997	100-99,997 square feet
99998	99,998 square feet or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
Thinking about all the rooms you mentioned earlier, as well as the hallways and entry ways in this housing unit, about how many square feet is that?
(Include: Finished attics. Exclude: Unfinished attics, carports, and attached garages. Also exclude porches that are not protected from the elements and heated.

Type:	Numeric
Edit flag variable:	JNITSF
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcode levels and the number of cases vary by geography. Variable was topcoded by the supplemental metropolitan areas and the remainder of the cases.
Topcodes for variables that describe the physical characteristics of housing units that are not likely to change very much over time are compared to topcodes used in previous enumerations of the AHS survey. The larger of the topcode calculated in the current survey year and the largest topcode ever used in a previous survey year is the topcode that will be used for the current survey year.

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

VACANC2 =
Reason unit is vacant

1	For rent only
2	For rent or for sale
3	For sale only
4	Rented, but not yet occupied
5	Sold, but not yet occupied
6	Held for occasional use throughout the year
7	Other (specify)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

VACANC2B =
Unit is vacant for other reason

1	Foreclosure
2	Personal/family reasons
3	Legal proceedings
4	Preparing to rent/sell
5	Held for storage of household furniture
6	Needs repair
7	Currently being repaired/renovated
8	Specific-use housing
9	Extended absence
10	Abandoned/possibly to be demolished/possibly condemned
11	Other (specify)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

Notes:
VACANC2B was added in 2013 as a follow-up to VACANC2. It offers expanded categories if the respondent answers "other" (7) to VACANC2.

VACANCY =

Vacancy status

1	For rent only
2	For rent or for sale
3	For sale only
4	Rented, but not yet occupied
5	Sold, but not yet occupied
6	Held for occasional use throughout the year
7	Other (specify)
8	Seasonal-Summer only
9	Seasonal-Winter only
10	Other seasonal (SPECIFY)
11	Migratory
B or -6	Not applicable

Long description:
Does the owner/manager intend for this housing unit to be -
Is that housing unit -
Is seasonal housing unit INTENDED for year-round use, for occupancy only on a seasonal basis, or for use by migrant workers?

Type:	Numeric
Edit flag variable:	JVACAN
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Household doesn't own land on which mobile home sits] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview and (Rented or occupied without payment)] AND [(Mobile home)] ; OR
2 : [Occupied interview and (Rented or occupied without payment)] AND [(NOT mobile home)] ; OR
3 : [Occupied interview and Owned] AND [(The current value of the land is between 1 and 999998) or Does not know what the current value of the land is or Refused to answer what the current value of the land was] ; OR
4 : [Occupied interview and Owned] AND [Household doesn't own land on which mobile home sits or Refused to answer whether household owns land on which mobile home sits or Don't know if household owns land on which mobile home sits or Not reported if household owns land on which mobile home sits] ; OR
5 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

WASH =
Unit has a working washing machine

1	Yes
2	No
B or -6	Not applicable

Long description:
Recode created from WASHQ, APPLWK, WASHWK, WASHFX

Type:	Character
Edit flag variable:	JWASH
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

WATER =
Source of water for unit

1	Public or private system
2	Individual well
3	Spring
4	Cistern
5	Stream or lake
6	Commercial bottled water
7	Other
B or -6	Not applicable

Long description:
Does most of the water for this housing unit come from a water system, either public or private, from an individual well, or from some other source?

Type:	Character
Edit flag variable:	JWATER
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

WATERD =
Source of drinking water

1	Public or private water system
2	Individual well
3	Spring
4	Cistern
5	Stream or lake
6	Commercial bottled water
7	Other; SPECIFY
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Where do you get your water for drinking?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Water safe for drinking & cooking or Don't know if water safe for drinking & cooking or Refuse to disclose if water safe for drinking & cooking] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
3 : [URE interview or Vacant interview] AND [Water NOT safe for drinking & cooking]

WELLDIS =

Has disinfected well

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Since you've occupied your home, has the well ever been disinfected?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

WELLDIS2 =

Has been advised by health authorities to disinfect well

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you been advised by health authorities to disinfect the well?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

WELDUS =
Number of units this water source serves

1	Only this home
2	2 to 5
3	6 to 9
4	10 to 14
5	15 or more
B or -6	Not applicable

Long description:
How many homes does the water source serve?

Type:	Character
Edit flag variable:	JELDUS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Water source other than public or private, natural, or bottled] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

WELL =
Well drilled or dug

1	Drilled
2	Dug
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is the well drilled or dug?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
A q-code error in the 2003 National Survey caused some ineligible households to be asked the verify version of the question rather than the- Is the well drilled or dug? - question.
This causes the number of not reported drilled versus dug wells to double from 2001 to 2003 in the data.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Public or private water system or (Spring or cistern or 'stream or lake' source of water)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Source of water - commercial bottled water] ; OR
3 : [(Occupied interview or URE interview or vacant interview)] AND [Water source other than public or private, natural, or bottled] ; OR
4 : [NOT (occupied interview or URE interview or vacant interview)]

WFPROP =
Unit is waterfront property

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Would you call this housing unit waterfront property?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [There are no bodies of water within half a block of unit] ; OR
2 : [Noninterview]

WHNGET =

Year unit bought/obtained/received

1900:2013	1900-2013
B or -6	Not applicable

Long description:
When did this household buy/obtain/receive the unit?
(IF LAND AND BUILDING BOUGHT AT DIFFERENT TIMES, BUILDING ONLY)

Type:	Numeric
Edit flag variable:	JHNGET
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Not owned] ; OR
3 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

WINTERELSP =

Electric space heater used during winter months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you ever used any of the following to heat this home during the winter months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

WINTERKESP =

Kerosene space heater used during winter months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you ever used any of the following to heat this home during the winter months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

WINTERNONE =

No use of any other modes to heat unit during winter months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you ever used any of the following to heat this home during the winter months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

WINTEROVEN =

Gas oven with an open door used during winter months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you ever used any of the following to heat this home during the winter months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

WINTERWOOD =

Outdoor wood fire boiler used during winter months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you ever used any of the following to heat this home during the winter months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

YRRND =
Vacant unit suitable for year round use

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Does the construction and heating of this housing unit make it suitable for year-round use?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Household doesn't own land on which mobile home sits] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(NOT seasonal or migratory)] ; OR
2 : [Occupied interview and (Rented or occupied without payment)] AND [(Mobile home)] ; OR
3 : [Occupied interview and (Rented or occupied without payment)] AND [(NOT mobile home)] ; OR
4 : [Occupied interview and Owned] AND [(The current value of the land is between 1 and 999998) or Does not know what the current value of the land is or Refused to answer what the current value of the land was] ; OR
5 : [Occupied interview and Owned] AND [Household doesn't own land on which mobile home sits or Refused to answer whether household owns land on which mobile home sits or Don't know if household owns land on which mobile home sits or Not reported if household owns land on which mobile home sits] ; OR
6 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

Unit Quality

BADSTEP =

Loose/broken/missing steps in common stairs

1	No common stairways
2	Yes
3	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do the common stairways located inside this building or attached to the outside of this building have any loose, broken or missing steps?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [NOT apartment building and NOT attached mobile home] ; OR
2 : [Noninterview]

BDSTPQ =

Loose/broken/missing steps in common stairs

1	Yes
2	No
3	No common stairways

Long description:
Do the common stairways located inside this building or attached to the outside of this building have any loose, broken or missing steps?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N

BLDMNT =

Satisfaction with building maintenance

1	Completely satisfied
2	Partly satisfied
3	Dissatisfied
4	Landlord not responsible for building maintenance
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
On maintenance of the building, are you completely satisfied, partly satisfied, or dissatisfied?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Owned] ; OR
3 : [Noninterview]

BLEAK =
Water leak in basement

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did the water come in from the --

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [There have not been any outside water leaks within the last 12 months] ; OR
3 : [Noninterview]

BSINK =

Unit has a bathroom sink

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this full bath contain a bathroom sink?
Does this housing unit have a bathroom sink?

Type:	Character
Edit flag variable:	JBSINK
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

CRACKS =

Open cracks wider than dime

1	Yes
2	No
B or -6	Not applicable

Long description:
People sometimes have problems with cracks or holes in their home's floors, walls, or ceilings — not little hairline cracks or nail holes, but OPEN cracks or holes. In the INSIDE walls or ceilings of this housing unit, are there any OPEN HOLES or CRACKS WIDER THAN THE EDGE OF A DIME?

Type:	Character
Edit flag variable:	JRACKS
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

DFIRE =

Type C-30/31 severely damaged by fire

1	Yes
2	No

Long description:
Was that unit demolished, moved, or considered a disaster loss, because it was severely damaged by fire?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [Noninterview] AND [(NOT demolished disaster losses or NOT moved)] ; OR
2 : [NOT noninterview]

DISAS =

Type C severely damaged by natural disaster

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Other natural disaster?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview] AND [(NOT demolished disaster losses or NOT moved)] ; OR
2 : [NOT noninterview]

DORREP =
Any doors repaired/replaced in unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In the past 2 years, have any doors or door frames in your home been replaced or repaired?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [NOT occupied interview]

EBOARD =
Windows boarded up

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of the windows in this housing unit boarded up?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The observation module was removed from the questionnaire in 2011 and this question was moved to the breakdown module. Prior to 2011, only noninterviews were coded as not applicable (B) for this question. In 2011 and after, Bs are defined in relation to the universe of the question in the questionnaire.

Conditions not in universe 2009 and earlier:
1 : [Noninterview]

Conditions not in universe after 2009:
1 : [Noninterview]: OR
2 : [(Occupied interview or URE interview or vacant interview)] and [(ESAGR is NOT Yes, No, Don't know, or Refuse)]

EBROKE =
Windows broken

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of the windows in this housing unit broken?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The observation module was removed from the questionnaire in 2011 and this question was moved to the breakdown module. Prior to 2011, only noninterviews were coded as not applicable (B) for this question. In 2011 and after, Bs are defined in relation to the universe of the question in the questionnaire.

Conditions not in universe 2009 and earlier:
1 : [Noninterview]

Conditions not in universe after 2009:
1 : [Noninterview]: OR
2 : [(Occupied interview or URE interview or vacant interview)] and [(ESAGR is NOT Yes, No, Don't know, or Refuse)]

ECRUMB =

Holes/cracks or crumbling in foundation

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are there holes or open cracks or crumbling in the foundation of this housing unit--that is, in the base on which the housing unit stands?
(Do not count holes made for ventilation)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The observation module was removed from the questionnaire in 2011 and this question was moved to the breakdown module. Prior to 2011, only noninterviews were coded as not applicable (B) for this question. In 2011 and after, Bs are defined in relation to the universe of the question in the questionnaire.

Conditions not in universe 2009 and earlier:
1 : [Noninterview]

Conditions not in universe after 2009:
1 : [Noninterview]: OR
2 : [(Occupied interview or URE interview or vacant interview)] and [(Living quarters are NOT in a one-unit building, detached from any other building or a one-unit building, attached to one or more building or a manufactured (mobile) home)]

EGOOD =
No listed conditions seen in/on unit

1	No listed conditions seen in or on the unit
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
EGOOD is recoded from answers to observation questions ECRUMB, EMISSR, EHOLER, ESAGR, EMISSW, ESLOPW, EBOARD, EBROKE, and EBAR. The observation module was removed from the questionnaire in 2011 and these questions were moved to the breakdown module. Prior to 2011, only noninterviews were coded as not applicable (B) for this question. In 2011 and after, Bs in relation to the universe for ECRUMB, the first observation question in the questionnaire.

Conditions not in universe 2009 and earlier:
1 : [Noninterview]

Conditions not in universe after 2009:
1 : [Noninterview]: OR
2 : [(Occupied interview or URE interview or vacant interview)] and [(Living quarters are NOT in a one-unit building, detached from any other building or a one-unit building, attached to one or more building or a manufactured (mobile) home)]

EHOLER =

Roof has holes

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does the roof have any holes?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The observation module was removed from the questionnaire in 2011 and this question was moved to the breakdown module. Prior to 2011, only noninterviews were coded as not applicable (B) for this question. In 2011 and after, Bs are defined in relation to the universe of the question in the questionnaire.

Conditions not in universe 2009 and earlier:
1 : [Noninterview]

Conditions not in universe after 2009:
1 : [Noninterview]: OR
2 : [(Occupied interview or URE interview or vacant interview)] and [(Living quarters are NOT in a one-unit building, detached from any other building or a one-unit building, attached to one or more building or a manufactured (mobile) home) or (ECRUMB is NOT Yes, No, Don't know, or Refuse)]

ELEVWK =
At least one elevator in working order

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

EMISSR =
Roof missing shingles/other roofing materials

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
The next questions are about the CONDITION of the outside of this housing unit.
Does the roof have missing shingles or other missing roofing materials?
(Do not count gutters or downspouts)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The observation module was removed from the questionnaire in 2011 and this question was moved to the breakdown module. Prior to 2011, only noninterviews were coded as not applicable (B) for this question. In 2011 and after, Bs are defined in relation to the universe of the question in the questionnaire.

Conditions not in universe 2009 and earlier:
1 : [Noninterview]

Conditions not in universe after 2009:
1 : [Noninterview]: OR
2 : [(Occupied interview or URE interview or vacant interview)] and [(Living quarters are NOT in a one-unit building, detached from any other building or a one-unit building, attached to one or more building or a manufactured (mobile) home) or (ECRUMB is NOT Yes, No, Don't know, or Refuse)]

EMISSW =
Outside walls missing siding/bricks/etc

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do the outside walls have any missing siding, bricks, or other missing wall materials?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The observation module was removed from the questionnaire in 2011 and this question was moved to the breakdown module. Prior to 2011, only noninterviews were coded as not applicable (B) for this question. In 2011 and after, Bs are defined in relation to the universe of the question in the questionnaire.

Conditions not in universe 2009 earlier:
1 : [Noninterview]

Conditions not in universe after 2009:
1 : [Noninterview]: OR
2 : [(Occupied interview or URE interview or vacant interview)] and [(ESAGR is NOT Yes, No, Don't know, or Refuse)]

EROACH =
Evidence of roaches in unit

1	Yes
2	No
B or -6	Not applicable

Long description:
Have you ever seen signs of live or dead cockroaches or cockroach feces INSIDE your living quarters?

Type:	Character
Edit flag variable:	JEROACH
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Noninterview]

ESAGR =

Roof's surface sags or is uneven

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does the roof's surface sag or appear uneven?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The observation module was removed from the questionnaire in 2011 and this question was moved to the breakdown module. Prior to 2011, only noninterviews were coded as not applicable (B) for this question. In 2011 and after, Bs are defined in relation to the universe of the question in the questionnaire.

Conditions not in universe 2009 and earlier:
1 : [Noninterview]

Conditions not in universe after 2009:
1 : [Noninterview]: OR
2 : [(Occupied interview or URE interview or vacant interview)] and [(Living quarters are NOT in a one-unit building, detached from any other building or a one-unit building, attached to one or more building or a manufactured (mobile) home) or (ECRUMB is NOT Yes, No, Don't know, or Refuse)]

ESLOPW =

Outside walls slope/lean/slant/buckle

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do the outside walls slope, lean, buckle or slant?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The observation module was removed from the questionnaire in 2011 and this question was moved to the breakdown module. Prior to 2011, only noninterviews were coded as not applicable (B) for this question. In 2011 and after, Bs are defined in relation to the universe of the question in the questionnaire.

Conditions not in universe 2009 and earlier:
1 : [Noninterview]

Conditions not in universe after 2009:
1 : [Noninterview]: OR
2 : [(Occupied interview or URE interview or vacant interview)] and [(ESAGR is NOT Yes, No, Don't know, or Refuse)]

EVROD =
Evidence of rodents in unit

1	Yes
2	No
B or -6	Not applicable

Long description:
Have you ever seen signs of mice or rats INSIDE your housing unit ?
(EXCLUDE RATS/MICE KEPT AS PETS OR SNAKE FOOD OR OTHERWISE DELIBERATELY BROUGHT INSIDE)

Type:	Character
Edit flag variable:	JEVROD
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Noninterview]

EXPOSE =

Type B interior exposed to elements

1	Exposed to the elements?
2	Not exposed to the elements?
B or -6	Not applicable
R or -8	Refused
Blank or -9	Not reported

Long description:
Is the interior-

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview] AND [NOT a storage and (NOT OTHER unit or converted to institutional unit or occupancy is NOT prohibited)] ; OR
2 : [NOT noninterview]

FREEZE =
Unit cold for 24+ hrs was uncomfortable

1	Yes
2	No
3	Did not live here last winter
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Last winter, for any reason, was your housing unit so cold for 24 hours or more that it was uncomfortable?

Type:	Character
Edit flag variable:	JREEZE
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [There is no heating equipment or Type of heating equipment is not specified] ; OR
3 : [Noninterview]

GRDMNT =
Satisfaction with grounds maintenance

1	Completely satisfied
2	Partly satisfied
3	Dissatisfied
4	Landlord not responsible for ground maintenance
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
On maintenance of the grounds, are you completely satisfied, partly satisfied, or dissatisfied?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Owned] ; OR
3 : [Noninterview]

HOLES =

Holes in floor

1	Yes
2	No
B or -6	Not applicable

Long description:
How about the floors in this housing unit
Are any holes in the floors big enough for someone to catch their foot on?
(ABOUT 4 INCHES ACROSS ABOUT THE HEIGHT OF A SOUP CAN)

Type:	Character
Edit flag variable:	JHOLES
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

HOWH =

Rating of unit as a place to live

1:10	Rating (10 is best, 1 is worst)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
On a scale of 1 to 10, how would you rate your unit as a place to live?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT occupied interview]

IFBLOW =
Fuses blown or circuit breakers tripped

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Have any fuses blown or circuit breakers tripped in your home?

Type:	Character
Edit flag variable:	JFBLOW
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No electrical wiring] ; OR
2 : [Noninterview]

IFCOLD =
Main heating equipment broke down

1	Yes
2	No, didn't break down OR no heating equipment
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Was that because the MAIN heating equipment broke down?

Type:	Character
Edit flag variable:	JFCOLD
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit was not unbearably cold for 24 hours last winter] ; OR
3 : [Occupied interview] AND [There is no heating equipment or Type of heating equipment is not specified] ; OR
4 : [Noninterview]

IFDRY =
Unit completely without running water

1	Yes
2	No water stoppage
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was your home ever COMPLETELY without running water

Type:	Character
Edit flag variable:	JIFDRY
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit does not have hot and cold running water] ; OR
3 : [Noninterview]

IFSEW =
Sewage system broke down

1	Yes
2	No
B or -6	Not applicable

Long description:
Did the sewage system break down in your home -- that is, since last interview?

Type:	Character
Edit flag variable:	JIFSEW
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit is NOT connected to public sewer and (NOT septic tank or cesspool or chemical toilet sewage disposal)] ; OR
3 : [Noninterview]

IFTLT =
Any toilet breakdowns in last 3 months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was there any time in last 3 months when the toilet BROKEN, or STOPPED UP, or otherwise NOT WORKING, so you COULDN'T USE it?
Did that happen at all WITHIN THE PAST THREE MONTHS, that is, since 3 months ago (date)?

Type:	Character
Edit flag variable:	JIFTLT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [There are less than two bathrooms in the unit and Unit does NOT have a flush toilet] ; OR
3 : [Noninterview]

ILEAK =

Any inside water leaks in last 12 months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now about water leaks from INSIDE. Since you lived here, did water leak in -- from broken pipes or water heaters, backed up plumbing, or other equipment failure inside the unit?
Did any inside water leaks happen within the past 12 months -- that is, since 12 months ago (date)?

Type:	Character
Edit flag variable:	JILEAK
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Noninterview]

IMAINT =

Receive adequate maintenance

1	Yes
2	No

Long description:
In your opinion, do you receive adequate maintenance
for your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

LEAK =

Any outside water leaks in last 12 months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
These next questions are about water leaks - either from OUTSIDE your housing unit or from INSIDE. While you have been living here, did water ever leak INTO your housing unit DIRECTLY FROM THE OUTSIDE -- for example, through the roof, outside walls, basement or any closed windows or skylights? Did water leak in from the outside, within the past 12 months, -- that is, since 12 months ago (date)?

Type:	Character
Edit flag variable:	JLEAK
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Noninterview]

LTSOK =
Hallway lights working

1	No public halls
2	All work
3	Some work
4	None work
5	No light fixtures
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of the hallway lights in this building in working order?
Do all of the hallway lights work?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [NOT apartment building and NOT attached mobile home] ; OR
2 : [Noninterview]

LTSOK1 =

Hallway lights working

1	Yes
2	No
3	No public halls
4	No light fixtures
5	Don't know

Long description:
Are any of the hallway lights in this building in working order?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [NOT apartment building and NOT attached mobile home] ; OR
2 : [Noninterview]

LTSOK2 =

All hallway lights working

1	Yes
2	No

Long description:
Do all of the hallway lights work?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [NOT apartment building and NOT attached mobile home] ; OR
2 : [Noninterview]

M12ROACH =

Roaches seen in unit recently

1	Yes
2	No
B or -6	Not applicable

Long description:
Was that within the past 12 months -- that is, since 12 months ago (date)?

Type:	Character
Edit flag variable:	JM12ROACH
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit has no evidence of roaches] ; OR
3 : [Noninterview]

M12ROD =

Rodents seen in unit recently

1	Yes
2	No
B or -6	Not applicable

Long description:
Was that within the past 12 months -- that is, since 12 months ago (date)?

Type:	Character
Edit flag variable:	JM12ROD
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit has no evidence of rodents] ; OR
3 : [Noninterview]

M3ROD =
Rodents seen in unit recently

1	Yes
2	No
B or -6	Not applicable

Long description:
Was that within the past 3 months -- that is, since 3 months ago (date)?

Type:	Character
Edit flag variable:	JM3ROD
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit has no evidence of rodents] ; OR
3 : [Noninterview]

MAJR1 =
Starts major maintenance/repairs soon enough

1	Yes usually
2	Not usually
3	Very mixed
4	Haven't needed any
5	Landlord not responsible for maintenance
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
When the owner has to do MAJOR maintenance or repairs:
Do they start quickly enough?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Owned] ; OR
3 : [Noninterview]

MAJR2 =
Solves major problems quickly

1	Yes
2	No
3	Mixed
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do they solve the problem quickly once they start?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Owned] ; OR
3 : [Noninterview]

MAJR3 =
Polite/considerate of home (major repairs)

1	Yes
2	No
3	Mixed
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are they polite and considerate of your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Owned] ; OR
3 : [Noninterview]

MICE =
Mice seen in unit recently

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Was it a rat, a mouse, or aren't you sure what it was?

Type:	Character
Edit flag variable:	JMICE
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit has no evidence of rodents] ; OR
3 : [Occupied interview] AND [Rodents have not been recently seen in unit] ; OR
4 : [Noninterview]

MINR1 =
Starts minor maintenance/repairs soon enough

1	Yes usually
2	Not usually
3	Very mixed
4	Haven't needed any
5	Landlord not responsible for minor repairs
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
For MINOR maintenance or repairs:
Do they start quickly enough?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Owned] ; OR
3 : [Noninterview]

MINR2 =
Solves minor problems quickly

1	Yes
2	No
3	Mixed
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do they solve the problem quickly once they start?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Owned] ; OR
3 : [Noninterview]

MINR3 =
Polite/considerate of home (minimum repairs)

1	Yes
2	No
3	Mixed
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are they polite and considerate of your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Owned] ; OR
3 : [Noninterview]

NLEAK1 =
Inside water leak from some other source

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Where did the water come from?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [There have not been any water leaks within the last 12 months] ; OR
3 : [Noninterview]

NLEAK2 =
Source of inside water leak unknown

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Where did the water come from?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [There have not been any water leaks within the last 12 months] ; OR
3 : [Noninterview]

NOTSUR =
Not sure if rodents were rats or mice

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Was it a rat, a mouse, or aren't you sure what it was?

Type:	Character
Edit flag variable:	JOTSUR
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit has no evidence of rodents] ; OR
3 : [Occupied interview] AND [Rodents have not been recently seen in unit] ; OR
4 : [Noninterview]

NOWIRE =
Electrical wiring concealed by walls/wiring

1	Yes
2	No
3	No electrical wiring
B or -6	Not applicable

Long description:
Is all the electrical wiring in the finished areas of this home concealed in the walls?
In our last interview in (year) we recorded that all the electrical wiring in the finished areas of this home was concealed in the walls. Is this still correct?
(EXCLUDE APPLIANCE CORDS, EXTENSION CORDS, CHANDELIER CORDS, PHONE, ANTENNA, CABLE TV WIRES, ETC.)

Type:	Character
Edit flag variable:	JOWIRE
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

NUMBLOW =
times fuses blown or breakers tripped

1:7	1-7 times
8	8 or more times
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
How many times fuses blown or breakers tripped?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No electrical wiring] ; OR
2 : [Occupied interview] AND [No fuses have been blown] ; OR
3 : [Noninterview]

NUMCOLD =
times main heating equipment broke down

0	Never broken down for 6 hours
1:7	1-7 breakdowns lasting 6 hours or more
8	8 or more breakdowns lasting 6 hours or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How many times did main heating equipment break down for 6 hours or more?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't know if main heating equipment broke down or not applicable)] ; OR
3 : [Occupied interview] AND [Unit was not unbearably cold for 24 hours last winter] ; OR
4 : [Occupied interview] AND [There is no heating equipment or Type of heating equipment is not specified] ; OR
5 : [Occupied interview] AND [Cold temperature was not due to heating equipment breakdown or lack of equipment] ; OR
6 : [Noninterview]

NUMDRY =
times completely without running water

0	None lasted 6 hours
1:7	1-7 water stoppages lasting 6 hours or more
8	8 or more water stoppages lasting 6 hours or more
B or -6	Not applicable
D or -7	Don't know

Long description:
How many times was it not available for 6 hours or more?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit does not have hot and cold running water] ; OR
3 : [Occupied interview] AND [Unit is not completely without running water] ; OR
4 : [Noninterview]

NUMSEW =
Number of sewage system breakdowns

0	None lasted 6 hours
1:7	1-7 sewage breakdowns lasting 6 hours or more
8	8 or more sewage breakdowns lasting 6 hours or more
B or -6	Not applicable

Long description:
How many of these breakdowns lasted 6 hours or more?

Type:	Character
Edit flag variable:	JUMSEW
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Sewage system has not broken down] ; OR
3 : [Occupied interview] AND [Unit is NOT connected to public sewer and (NOT septic tank or cesspool or chemical toilet sewage disposal)] ; OR
4 : [Noninterview]

NUMTLT =

Number of toilet breakdowns 6 hours or more

0	Never broken down for 6 hours
1:7	1-7 toilet breakdowns lasting 6 hours or more
8	8 or more toilet breakdowns lasting 6 hours or more
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
And how many of those times toilet not working for SIX HOURS or MORE?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [There are less than two bathrooms in the unit and Unit does NOT have a flush toilet] ; OR
3 : [Occupied interview] AND [Toilet has not broken down in the past three months] ; OR
4 : [Noninterview]

OMAINT =

Buildings & grounds maintained properly

1	Yes
2	No

Long description:
In your opinion, are the buildings and grounds properly maintained?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

OTHCLD =
Unit cold for some other reason

1	Yes
2	No
B or -6	Not applicable
R or -8	Refused

Long description:
Was it cold for any other reason?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't know if main heating equipment broke down or not applicable)] ; OR
3 : [Occupied interview] AND [Unit was not unbearably cold for 24 hours last winter] ; OR
4 : [Occupied interview] AND [There is no heating equipment or Type of heating equipment is not specified] ; OR
5 : [Occupied interview] AND [Cold temperature was not due to heating equipment breakdown or lack of equipment] ; OR
6 : [Noninterview]

OTLEAK =
Water leak from other outside source

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did the water come in from the --

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [There have not been any outside water leaks within the last 12 months] ; OR
3 : [Noninterview]

PILEAK =
Inside water leak from leaking pipes

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Where did the water come from?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [There have not been any water leaks within the last 12 months] ; OR
3 : [Noninterview]

PLEAK =
Inside water leak from plumbing fixtures

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Where did the water come from?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [There have not been any water leaks within the last 12 months] ; OR
3 : [Noninterview]

PLUMB =
Complete plumbing facilities in unit

1	have complete plumbing facilities for exclusive use
2	lacking complete plumbing facilities for exclusive use
B or -6	Not applicable

Long description:
To have complete plumbing facilities, the unit must have exclusive use of hot and cold running water, a toilet, and a bathtub/shower in the bathroom. Lack of any of these items or lack of exclusive use means the unit does not have complete plumbing facilities.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

RAILOK =
Railings on common stairs firmly attached

1	No stair railings
2	All firmly attached
3	Some/none firmly attached
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Are any railings on the common stairways firmly attached?
("Firmly Attached" = secured strongly enough to be used with complete confidence.)
Are all of them firmly attached?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(There are no common stairways)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [NOT apartment building and NOT attached mobile home] ; OR
3 : [Noninterview]

RAILOK1 =

Railings on stairs firmly attached

1	Yes
2	No
3	No Stair Railings

Long description:
Are any railings on the common stairways firmly attached?
("Firmly Attached" = secured strongly enough to be used with complete confidence.)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [NOT apartment building and NOT attached mobile home] ; OR
2 : [Noninterview]

RAILOK2 =

All stair railings firmly attached

1	Yes
2	No

Long description:
Are all of them firmly attached?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [NOT apartment building and NOT attached mobile home] ; OR
2 : [Noninterview]

RATFREQ =
Frequency of evidence of rats

1	Daily
2	Weekly
3	Monthly
4	A few times
B or -6	Not applicable

Long description:
How often have you seen any evidence of mice or rats in your home since 12 months ago (date)? Would you say it was daily, weekly, monthly, or a few times?

Type:	Character
Edit flag variable:	JRATFREQ
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit has no evidence of rodents] ; OR
3 : [Noninterview]

RATS =
Rats seen in unit recently

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Was it a rat, a mouse, or aren't you sure what it was?

Type:	Character
Edit flag variable:	JRATS
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit has no evidence of rodents] ; OR
3 : [Occupied interview] AND [Rodents have not been recently seen in unit] ; OR
4 : [Noninterview]

RLEAK =
Water leak in roof

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did the water come in from the --

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [There have not been any outside water leaks within the last 12 months] ; OR
3 : [Noninterview]

ROACHFRQ =
Frequency of evidence of roaches

1	Daily
2	Weekly
3	Monthly
4	A few times
B or -6	Not applicable

Long description:
How often have you seen any live or dead cockroaches or cockroach feces INSIDE your home since 12 months ago (date)? Would you say it was daily, weekly, monthly, or a few times?

Type:	Character
Edit flag variable:	JROACHFRQ
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Unit has no recent evidence of roaches] ; OR
3 : [Noninterview]

TALWIR =

Aluminum wiring inspected before purchase

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
When ... bought this housing unit, did anyone make inquiries or have this housing unit inspected or tested for aluminum wiring?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Not owned] ; OR
3 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

TASB =
Unit tested for asbestos before purchase

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
When ... bought this housing unit, did anyone make inquiries or have this housing unit inspected or tested for asbestos?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Not owned] ; OR
3 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

TOILET =
Unit has a flush toilet

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this full bath contain a flush toilet?
Does this housing unit have a flush toilet?

Type:	Character
Edit flag variable:	JOILET
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

TRADON =
Unit tested for radon before purchase

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
When ... bought this housing unit, did anyone make inquiries or have this housing unit inspected or tested for radon?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Not owned] ; OR
3 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

TREP =
Repairs made because of inspection/test

1	yes
2	no
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Were any repairs or replacements made as a result of the inquiry, inspection, or test?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview and Owned] AND [Unit NOT tested for asbestos before purchase and Unit NOT tested for lead paint before purchase and Unit NOT tested for radon before purchase and Lead pipes NOT inspected before purchase and Lead solder NOT inspected before purchase and Water quality was NOT tested before purchase or don't know or refused and Aluminum wiring NOT inspected before purchase] ; OR
3 : [Occupied interview] AND [Not owned] ; OR
4 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

TWATER =

Water quality tested before purchase

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
When ... bought this housing unit, did anyone make inquiries or have this housing unit inspected or tested for water quality?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Not owned] ; OR
3 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

WATERS =

Water safe for drinking & cooking

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In your opinion, is the water from this source safe for cooking and drinking?

Type:	Character
Edit flag variable:	JATERS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

WHYCD1 =
Unit cold due to utility interruption

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What was the reason?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't know if main heating equipment broke down or not applicable)] ; OR
3 : [Occupied interview] AND [Unit was not unbearably cold for 24 hours last winter] ; OR
4 : [Occupied interview] AND [There is no heating equipment or Type of heating equipment is not specified] ; OR
5 : [Occupied interview] AND [Unit cold NOT for other reason and Cold temperature was due to heating equipment breaking down] ; OR
6 : [Noninterview]

WHYCD2 =
Unit cold due to inadequate heating capacity

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What was the reason?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't know if main heating equipment broke down or not applicable)] ; OR
3 : [Occupied interview] AND [Unit was not unbearably cold for 24 hours last winter] ; OR
4 : [Occupied interview] AND [There is no heating equipment or Type of heating equipment is not specified] ; OR
5 : [Occupied interview] AND [Unit cold NOT for other reason and Cold temperature was due to heating equipment breaking down] ; OR
6 : [Noninterview]

WHYCD3 =
Unit cold due to inadequate insulation

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What was the reason?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't know if main heating equipment broke down or not applicable)] ; OR
3 : [Occupied interview] AND [Unit was not unbearably cold for 24 hours last winter] ; OR
4 : [Occupied interview] AND [There is no heating equipment or Type of heating equipment is not specified] ; OR
5 : [Occupied interview] AND [Unit cold NOT for other reason and Cold temperature was due to heating equipment breaking down] ; OR
6 : [Noninterview]

WHYCD4 =
Unit cold due to cost of heating

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What was the reason?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't know if main heating equipment broke down or not applicable)] ; OR
3 : [Occupied interview] AND [Unit was not unbearably cold for 24 hours last winter] ; OR
4 : [Occupied interview] AND [There is no heating equipment or Type of heating equipment is not specified] ; OR
5 : [Occupied interview] AND [Unit cold NOT for other reason and Cold temperature was due to heating equipment breaking down] ; OR
6 : [Noninterview]

WHYCD5 =
Unit cold because of some other reason

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What was the reason?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't know if main heating equipment broke down or not applicable)] ; OR
3 : [Occupied interview] AND [Unit was not unbearably cold for 24 hours last winter] ; OR
4 : [Occupied interview] AND [There is no heating equipment or Type of heating equipment is not specified] ; OR
5 : [Occupied interview] AND [Unit cold NOT for other reason and Cold temperature was due to heating equipment breaking down] ; OR
6 : [Noninterview]

WLEAK =
Water leak in wall or closed door/window

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did the water come in from the --

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [There have not been any outside water leaks within the last 12 months] ; OR
3 : [Noninterview]

WTRHRL =
Source of inside water leak is broken water heater

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Where did the water come from?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [There have not been any water leaks within the last 12 months] ; OR
3 : [Noninterview]

ZADEQ =
Recoded adequacy of housing

1	adequate
2	moderately inadequate
3	severely inadequate
B or -6	Not applicable

Long description:
New Description:
If the unit meets just one of the following conditions:

- Unit has less than 2 full bathrooms (BATHS < 2) and the unit has at least one of the following:
  - Unit does not have hot and cold running water (HOTPIP=’2')
  - Unit does not have a bathtub or shower (TUB=’2')
  - Unit does not have a flush toilet (TOILET=’2')
  - Unit shares plumbing facilities (SHARPF=’1')
- Unit was cold for 24 hours or more (FREEZE = '1') and there have been more than 2 breakdowns of the heating equipment that lasted longer than 6 hours (NUMCOLD is '3', ‘4',’5',’6',’7',or ‘8)
- Electricity is not used (BUYE = '1')
- Unit has exposed wiring (NOWIRE = '2') and not every room has working electrical plugs (PLUGS = '2') and the fuses have blown more than twice(NUMBLOW is '3', ‘4',’5',’6',’7',or ‘8')

then assign ZADEQ as severely inadequate (ZADEQ=’3')

Determine how many of the following conditions the unit meets:
Unit has had outside water leaks in the last 12 months (LEAK = '1')
Unit has had inside water leaks in the last 12 months (ILEAK = '1')
Unit has holes in the floor (HOLES = '1')
Unit has open cracks wider than a dime (CRACKS='1')
Unit has an area of peeling paint larger than 8 x 11 (BIGP = '1')
Rats have been seen recently in the unit (RATS = '1')

- If the unit meets 5 or 6 of the conditions, then assign ZADEQ as severely inadequate (ZADEQ=’3')
- If the unit meets 3 or 4 of the conditions and has not been identified as being severely inadequate (ZADEQ=’3'), then assign ZADEQ as moderately inadequate (ZADEQ=’2')

If the unit has not been identified as being severely inadequate (ZADEQ=’3') and meets one of the following conditions:

- There have been more than 2 breakdowns of the toilet that lasted longer than 6 hours (NUMTLT is '3', ‘4',’5',’6',’7',or ‘8)
- The main heating equipment is unvented room heaters burning kerosene, gas, or oil (HEQUIP = 7)
- The unit is lacking complete kitchen facilities (KITCHEN = '2')

then assign ZADEQ as moderately inadequate (ZADEQ=’2')

Previous Description:
A unit is severely inadequate if any of the following conditions exist:
1. The unit lacks complete plumbing facilities.
2. There were 3 or more heating equipment breakdowns lasting 6 hours or more in the last 90 days.
3. The unit has no electricity.
4. The electrical wiring is not concealed, working wall outlets are not present in every room, and fuses/breakers blew 3 or more times in the last 90 days.
5. 5 or more of the following exist:
outside water leaks, inside water leaks, holes in the floor, cracks wider than a dime in the walls, areas of peeling paint or plaster larger than 8 1/2 x 11, rodents seen in the unit recently
6. all 4 of the following exist:
no working light fixtures or no light fixtures at all in public hallways, loose, broken, or missing steps in common stairways, stair railings not firmly attached or no stair railings on stairs at all, there are 3 or more floors between the unit and the main entrance to the building and there is no elevator
Notes:
This last condition was no longer used beginning with the 2007 surveys.

A unit is moderately inadequate if it is not severely inadequate and any of the following conditions exist:
1. The unit lacks complete kitchen facilities.
2. There were 3 or more toilet breakdowns lasting 6 hours or more in the last 90 days
3. An unvented room heater is the main heating equipment.
4. 3 or 4 of the following exist:
outside water leaks, inside water leaks, holes in the floor, cracks wider than a dime in the walls, areas of peeling paint or plaster larger than 8 1/2 x 11, rodents seen in the unit recently
5. 3 of the following exist:
no working light fixtures or no light fixtures at all in public hallways, loose, broken, or missing steps in common stairways, stair railings not firmly attached or no stair railings on stairs at all, there are 3 or more floors between the unit and the main entrance to the building and there is no elevator
Notes:
This last condition was no longer used beginning with the 2007 surveys.

A unit is adequate if it is neither severely nor moderately inadequate.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Housing Cost

Housing Costs data include monthly mortgage and rent costs, taxes, condominium or mobile home park fees, and insurance expenses. Utility costs for fuels, water and trash are documented in the Utilities section of this Codebook. Indicators of whether a unit is in a public housing project or is subsidized, as well as information on housing costs paid by non-relatives living in the unit are documented in the Income Section of this Codebook. The cost of routine maintenance is included in the housing costs summary variable—ZSMHC (see below).

The AHS distinguishes between several types of units in collecting housing cost data for owner-occupied units. The intent is to identify units where special factors affect the cost variables, e.g., units on more than 10 acres. Information is collected for all owner-occupied units. The questions distinguish between the cost associated with the sample unit itself and the costs associated with other portions of the property. The same variable name is used for all groups of respondents.

ADDTNS = **/ ADDTN2** = **/ ADDTN3** =
Percentage of 1st/2nd/3rd mortgage used for additions/improvements

0:100	0-100 Percent
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	ADDTNS/ADDTN2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA ADDTN3: 2011, 2013N, 2013MSA

ADJDEP = / ADJDEP2 = / ADJDEP3 =

1st/2nd/3rd mortgage reference rate where mortgage payment not fixed

1	Prime (interest) Rate
2	Treasury Bill/Bond rate (T-Bill rate)
3	LIBOR (London Interbank Offered Rate)
4	None (changes on specified schedule but does not depend on another rate)
5	Something else
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What is the reference rate for your mortgage or loan?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

ADJFIX = / ADJFIX2 = / ADJFIX3 =

1st/2nd/3rd mortgage period of time interest rate fixed where mortgage payment not fixed

1	One month
2	More than one, up to six months
3	More than six months, but less than one year
4	One year
5	Two years
6	Three years
7	More than three years
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
For what period is/was the interest rate fixed on the mortgage or loan?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

ADJPM = / ADJPM2 = / ADJPM3 =

1st/2nd/3rd mortgage payment changed because interest rate changed

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

ADJRTF = / ADJRTF2 = / ADJRTF3 =

1st/2nd/3rd mortgage frequency of interest rate change where mortgage payment not fixed

1	More frequent than monthly
2	Monthly
3	Quarterly
4	Twice per year, every six months
5	Yearly
6	A longer period than yearly
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How often can the interest rate change on this mortgage or loan?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

AMMORT = / AMMRT2 = / AMMRT3 = / AMMRT4 =

Amount of 1st/2nd/3rd/4th-and-more mortgage when acquired

1:9999997	$1-9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How much was left to pay off when you assumed it?
How much was borrowed?

Type:	Numeric
Edit flag variable:	JMMORT/JMMRT2/JMMRT3/JMMRT4
Allocation Matrix:	Matrix H
Topcoded:	Yes
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: For the National Survey, the variable is topcoded using VALUE's topcode. For the Metro Survey, the variable is topcoded using VALUE's topcode or its own 97th percentile topcode, whichever is lower.
2011 and after: AMMORT is topcoded at 95.5th percentile; AMMRT2/AMMRT3/AMMRT4 topcoded at 97th percentile.
However, the following variables must not sum to more than the topcode for the variable VALUE: AMMORT, AMMRT2, AMMRT3, AMMRT4, HEBAM1, HEBAM2, HEBAM3, HECR1, HECR2, HECR3. If the sum of these variables does exceed the topcode for VALUE, the variables are changed to ensure the sum is less than or equal to the topcode for VALUE.
In 2013, these variables are rounded to the nearest $10,000 value. Values rounded to $0 will be set to $1.
Prior to 2009, the maximum recorded value was $999,997.

Conditions not in universe for AMMORT:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for AMMRT2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for AMMRT3:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR

2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two regular mortgages] AND [Has a home equity loan] ; OR
4 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for AMMRT4:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two regular mortgages] AND [Has a home equity loan] ; OR
4 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Three regular mortgages] AND [Has a home equity loan] ; OR
6 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned] AND [No mortgages]

AMRTZ = / AMRTZ2 = / AMRTZ3 =

Years needed to pay off 1st/2nd/3rd mortgage

1:40	1-40 Years
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
At your current payments, how long would it take to pay off the loan?

Type:	Numeric
Edit flag variable:	JAMRTZ/JMRTZ2/JMRTZ3
Allocation Matrix:	Matrix I
Topcoded:	Yes
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	AMRTZ/AMRTZ2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA AMRTZ3: 2011, 2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.

Conditions not in universe for AMRTZ:
1 : [Occupied interview and Owned and One or more regular mortgage and NOT assumed 1st mortgage] AND [(Term of 1st mortgage between 15 and 41 years)] ; OR
2 : [Occupied interview and Owned and One or more regular mortgage] AND [Assumed 1st mortgage] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for AMRTZ2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage and NOT assumed 2nd mortgage] AND [(Term of 2nd mortgage between 15 and 41 years)] ; OR
4 : [Occupied interview and Owned and Two or more regular mortgage] AND [Assumed 2nd mortgage] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

AMTI =
Annual cost of homeowners insurance

1:9997	$1-$9,997
9998	$9,998 or more
B or -6	Not applicable

Long description:
In the last 12 months what was the total cost?

Type:	Numeric
Edit flag variable:	JAMTI
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 95.5th percentile.
Information on [Unit is part of a public housing authority] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview) and ((For rent only or ‘for rent or for sale’) or (Rented, but not yet occupied))] AND [Unit is part of a public housing authority] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or ‘for rent or for sale’) or (Rented, but not yet occupied))] AND [Unit is not part of a public housing authority] ; OR
3 : [(URE interview or vacant interview) and ((For rent only or ‘for rent or for sale’) or Rented, but not yet occupied)] AND [(Rent control/stabilization or NO rent control/stabilization) or Don’t know if rent control/stabilization or Refused to disclose if rent control/stabilization] ; OR
4 : [(URE interview or vacant interview) and ((For rent only or ‘for rent or for sale’) or Rented, but not yet occupied)] AND [Owned by public housing authority] ; OR
5 : [(URE interview or vacant interview) and ((For rent only or ‘for rent or for sale’) or Rented, but not yet occupied)] AND [Government subsidizes rent for unit] ; OR
6 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
7 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
8 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
9 : [Occupied interview and (Rented or occupied without payment)] AND [Respondent does not have homeowner’s insurance or Respondent doesn’t know if home equity has homeowner’s insurance or Respondent refused to answer if home equity has homeowner’s insurance] ; OR
10 : [Occupied interview and Owned] AND [Respondent does not have homeowner’s insurance]

AMTM = / AMTM2 = / AMTM3 =

Amount of other charges included in 1st/2nd/3rd mortgage

1:9999997	$1-9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How much were the other charges last year?
(Exclude property tax and homeowner's insurance)

Type:	Numeric
Edit flag variable:	JAMTM/JAMTM2/JAMTM3
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	AMTM/AMTM2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA AMTM3: 2011, 2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.
Prior to 2009, the maximum recorded value was $999,997.

Conditions not in universe for AMTM:
1 : [Occupied interview and Owned and One or more regular mortgage] AND [No other charges including in 1st mortgage payment] ; OR
2 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
3 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for AMTM2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage] AND [No other charges including in 2nd mortgage payment] ; OR
4 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
5 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned] AND [No mortgages]

AMTT =
Annual cost of garbage & trash

4:9997	$4-$9,997
9998	$9,998 or more
B or -6	Not applicable

Long description:
From 12 months ago to current month and year, what was the total cost for garbage and trash collection?

Type:	Numeric
Edit flag variable:	JAMTT
Allocation Matrix:	Matrix D
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 95.5th percentile.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Answered if pay for garbage/trash separately)] ; OR
5 : [Occupied interview] AND [Garbage and trash billed with other utilities]

AMTW =
Annual cost of water & sewage

4:9997	$4-$9,997
9998	$9,998 or more
B or -6	Not applicable

Long description:
From 12 months ago to current month and year, what was the total cost for water supply and sewage disposal?

Type:	Numeric
Edit flag variable:	JAMTW
Allocation Matrix:	Matrix D
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 95.5th percentile.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Don't pay for water separately or water is not used)] ; OR
5 : [Occupied interview] AND [Water and sewage billed with other utilities]

AMTX =
Annual real estate tax payment

0	$0
50	$1 - $99
150	$100 - $199
250	$200 - $299
350	$300 - $399
450	$400 - $499
…	
99950	$99,950 - $99,999 or more
. or -9	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 95.5th percentile.
The pattern continues in increments of 100 from 550 ($500 - $599) through 43750 ($43,700 - $43,799).
The values are rounded to the nearest integer in the sequence 5, 15, 25, 35, 45.
Prior to 2009, the maximum recorded value was $43,799.

ARM = / ARM2 = / ARM3 =

1st/2nd/3rd mortgage changes due to interest rate

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	ARM/ARM2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA ARM3: 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe for ARM:
1 : [Occupied interview and Owned and One or more regular mortgage and (1st mortgage is FHA or 1st mortgage is VA or 1st mortgage is other type or "Don't know" type of 1st mortgage or Refused to disclose type of 1st mortgage)] AND [1st mortgage payments change or don't know or refused] ; OR
2 : [Occupied interview and Owned and One or more regular mortgage] AND [1st mortgage is Farmers Home Administration Mortgage] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for ARM2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage and (2nd mortgage is FHA or 2nd mortgage is VA or 2nd mortgage is other type or "Don't know" type of 2nd mortgage or Refused to disclose type of 2nd mortgage)] AND [2nd mortgage payments change or don't know or refused] ; OR
4 : [Occupied interview and Owned and Two or more regular mortgage] AND [2nd mortgage is Farmers Home Administration Mortgage] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

ARMASK = / ARMASK2 =

1st/2nd mortgage changes for other reason

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
Do they change for any other reason?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe for ARMASK:
1 : [Occupied interview and Owned and One or more regular mortgage and (1st mortgage is FHA or 1st mortgage is VA or 1st mortgage is other type or "Don't know" type of 1st mortgage or Refused to disclose type of 1st mortgage)] AND [1st mortgage payments change or don't know or refused] ; OR
2 : [Occupied interview and Owned and One or more regular mortgage and 1st mortgage payments do NOT change] AND [First mortgage changes for taxes/insurance and (Changes in first mortgage are due to interest rate or Part of first mortgage payments rise on fixed schedule or Entire first mortgage payments rise on fixed schedule or First mortgage's last payment was greatest or 1st mortgage changes for other reason)] ; OR
3 : [Occupied interview and Owned and One or more regular mortgage and 1st mortgage payments do NOT change] AND [First mortgage does not change for taxes/insurance] ; OR
4 : [Occupied interview and Owned and One or more regular mortgage] AND [1st mortgage is Farmers Home Administration Mortgage] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for ARMASK2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage and (2nd mortgage is FHA or 2nd mortgage is VA or 2nd mortgage is other type or "Don't know" type of 2nd mortgage or Refused to disclose type of 2nd mortgage)] AND [2nd mortgage payments change or don't know or refused] ; OR
4 : [Occupied interview and Owned and Two or more regular mortgage and 2nd mortgage payments do NOT change] AND [Second mortgage changes for taxes/insurance and (Changes to second mortgage are due to interest rate or Part of second mortgage payments rise on fixed schedule or Entire second mortgage payments rise on fixed schedule or Second mortgage's last payment was greatest or 2nd mortgage changes for other reason)] ; OR
5 : [Occupied interview and Owned and Two or more regular mortgage and 2nd mortgage payments do NOT change] AND [Second mortgage does not change for taxes/insurance] ; OR

6 : [Occupied interview and Owned and Two or more regular mortgage] AND [2nd mortgage is Farmers Home Administration Mortgage] ; OR
7 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned] AND [No mortgages]

BALAMT = / BALAMT2 = / BALAMT3 =

1st/2nd/3rd mortgage final balloon payment

0:9999997	$0-9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What will be the final balloon payment?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

Notes:
In 2013, the response range changed from 1:9999997 to 0:9999997.

BANK = / BANK2 = / BANK3 =

1st/2nd/3rd mortgage borrowed from bank

1	Bank or Organization
2	Individual
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did you borrow money from a bank or other organization OR did you borrow it from an individual?

Type:	Character
Edit flag variable:	JBANK/JBANK2/JBANK3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	BANK/BANK2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA BANK3: 2011, 2013N, 2013MSA

Conditions not in universe for BANK:
1 : [Occupied interview and Owned and One or more regular mortgage] AND [1st mortgage is NOT other type and Know type of 1st mortgage and Didn't refuse to disclose type of 1st mortgage] ; OR
2 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
3 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for BANK2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage] AND [2nd mortgage is NOT other type and Know type of 2nd mortgage and Didn't refuse to disclose type of 2nd mortgage] ; OR
4 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
5 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned] AND [No mortgages]

BLOON = / BLOON2 = / BLOON3 =

1st/2nd/3rd mortgage's last payment biggest

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	JBLOON/JBLON2/JBLON3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	BLOON/BLOON2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA BLOON3: 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe for BLOON:
1 : [Occupied interview and Owned and One or more regular mortgage and (1st mortgage is FHA or 1st mortgage is VA or 1st mortgage is other type or "Don't know" type of 1st mortgage or Refused to disclose type of 1st mortgage)] AND [1st mortgage payments change or don't know or refused] ; OR
2 : [Occupied interview and Owned and One or more regular mortgage] AND [1st mortgage is Farmers Home Administration Mortgage] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for BLOON2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage and (2nd mortgage is FHA or 2nd mortgage is VA or 2nd mortgage is other type or "Don't know" type of 2nd mortgage or Refused to disclose type of 2nd mortgage)] AND [2nd mortgage payments change or don't know or refused] ; OR
4 : [Occupied interview and Owned and Two or more regular mortgage] AND [2nd mortgage is Farmers Home Administration Mortgage] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

BUYI =
Household has homeowners insurance

1	Yes
2	No
B or -6	Not applicable

Long description:
Does this household have homeowner's property insurance?
Does this household have renter's property insurance?

Type:	Character
Edit flag variable:	JBUYI
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2009, wording in long description changed from "homeowner's insurance" to "homeowner's property insurance" and from "household property insurance" to "renter's property insurance".
Information on [Unit is part of a public housing authority] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is part of a public housing authority] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is not part of a public housing authority] ; OR
3 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or Rented, but not yet occupied)] AND [(Rent control/stabilization or NO rent control/stabilization) or Don't know if rent control/stabilization or Refused to disclose if rent control/stabilization] ; OR
4 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or Rented, but not yet occupied)] AND [Owned by public housing authority] ; OR
5 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or Rented, but not yet occupied)] AND [Government subsidizes rent for unit] ; OR
6 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
7 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
8 : [NOT (occupied interview or URE interview or vacant interview)]

BUYT =
Pay for garbage/trash separately

1	Not used
2	Included in rent, site rent, condominium or other fee, etc.
3	Obtained free
B or -6	Not applicable
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users a variable just like the one they received prior to the 1997 AHS-National file

Type:	Character
Edit flag variable:	JBUYT
Allocation Matrix:	Matrix D
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of garbage and sewer is within range)] ; OR
5 : [Occupied interview] AND [Garbage and trash billed with other utilities]

BUYT2 =
Pay for garbage/trash separately

1	Yes
2	No
3	Not used
B or -6	Not applicable

Long description:
Do you pay for garbage and trash collection?
Are you billed separately for garbage and trash collection?

Type:	Character
Edit flag variable:	JBUYT2
Allocation Matrix:	Matrix D, E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
3 : [Occupied interview]

BUYW =
Pay for water/sewage separately

2	Included in rent, site rent, condominium or other fee, etc.
3	Obtained free
B or -6	Not applicable
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users a variable just like the one they received prior to the 1997 AHS-National file

Type:	Character
Edit flag variable:	JBUYW
Allocation Matrix:	Matrix D
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of water is within range)] ; OR
5 : [Occupied interview] AND [Water and sewage billed with other utilities]

BUYW2 =
Pay for water/sewage separately

1	Yes
2	No
3	Not used
B or -6	Not applicable

Long description:
Do you pay for water and sewage disposal?
Are you billed separately for water and sewage disposal?

Type:	Character
Edit flag variable:	JBUYW2
Allocation Matrix:	Matrix D, E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
3 : [Occupied interview]

CANVAR = / CANVR2 = / CANVR3 =

Term of 1st/2nd/3rd mortgage can vary

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
When you first obtained THIS mortgage, how many years was it for?

Type:	Character
Edit flag variable:	JANVAR/JANVR2/JANVR3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA CANVR3: 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe for CANVAR:
1 : [Occupied interview and Owned and One or more regular mortgage] AND [Assumed 1st mortgage] ; OR
2 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
3 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for CANVR2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage] AND [Assumed 2nd mortgage] ; OR
4 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
5 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned] AND [No mortgages]

CASH = / CASH2 = / CASH3 =

Amount of cash received from 1st/2nd/3rd mortgage

1:999998	$1-999,998
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	CASH/CASH2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA CASH3: 2011, 2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.

CLPEVA =

Current loan as percent of value (rounded)

0:9998	0 to 9,998 percent
9999	9,999 percent or more
B or -6	Not applicable
. or -9	Not reported

Long description:
This is a recoded variable based on the amount of outstanding loan on a unit and the value reported by the respondent.

Notes:
Component variables were topcoded before creating this variable. As each component variable was topcoded individually, the number of cases topcoded for each component variable and the level at which they were topcoded varies.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

CONFEE =
Monthly condo/homeowner's association/mobile home fee

0	$0
5	$1 - $9
15	$10 - $19
25	$20 - $29
35	$30 - $39
45	$40 - $49
55	$50 - $59
65	$60 - $69
75	$70 - $79
85	$80 - $89
95	$90 - $99
105	$100 - $109
115	$110 - $119
125	$120 - $129
135	$130 - $139
145	$140 - $149
155	$150 - $159
165	$160 - $169
175	$170 - $179
185	$180 - $189
195	$190 - $199
205	$200 - $209
215	$210 - $219
225	$220 - $229
235	$230 - $239
245	$240 - $249
255	$250 - $259
265	$260 - $269
275	$270 - $279
285	$280 - $289
295	$290 - $299
305	$300 - $309
315	$310 - $319
325	$320 - $329
335	$330 - $339
345	$340 - $349
355	$350 - $359
365	$360 - $369
375	$370 - $379
385	$380 - $389
395	$390 - $399
405	$400 - $409
415	$410 - $419
425	$420 - $429
435	$430 - $439
445	$440 - $449
455	$450 - $459
465	$460 - $469
475	$470 - $479
485	$480 - $489

495	$490	-	$499
505	$500	-	$509
515	$510	-	$519
525	$520	-	$529
535	$530	-	$539
545	$540	-	$549
555	$550	-	$559
565	$560	-	$569
575	$570	-	$579
585	$580	-	$589
595	$590	-	$599
605	$600	-	$609
615	$610	-	$619
625	$620	-	$629
635	$630	-	$639
645	$640	-	$649
655	$650	-	$659
665	$660	-	$669
675	$670	-	$679
685	$680	-	$689
695	$690	-	$699
705	$700	-	$709
715	$710	-	$719
725	$720	-	$729
735	$730	-	$739
745	$740	-	$749
755	$750	-	$759
765	$760	-	$769
775	$770	-	$779
785	$780	-	$789
795	$790	-	$799
805	$800	-	$809
815	$810	-	$819
825	$820	-	$829
835	$830	-	$839
845	$840	-	$849
855	$850	-	$859
865	$860	-	$869
875	$870	-	$879
885	$880	-	$889
895	$890	-	$899
905	$900	-	$909
915	$910	-	$919
925	$920	-	$929
935	$930	-	$939
945	$940	-	$949
955	$950	-	$959
965	$960	-	$969
975	$970	-	$979
985	$980	-	$989
995	$990	-	$999
1005	$1,000	-	$1,009
1015	$1,010	-	$1,019

1025	$1,020	-	$1,029
1035	$1,030	-	$1,039
1045	$1,040	-	$1,049
1055	$1,050	-	$1,059
1065	$1,060	-	$1,069
1075	$1,070	-	$1,079
1085	$1,080	-	$1,089
1095	$1,090	-	$1,099
1105	$1,100	-	$1,109
1115	$1,110	-	$1,119
1125	$1,120	-	$1,129
1135	$1,130	-	$1,139
1145	$1,140	-	$1,149
1155	$1,150	-	$1,159
1165	$1,160	-	$1,169
1175	$1,170	-	$1,179
1185	$1,180	-	$1,189
1195	$1,190	-	$1,199
1205	$1,200	-	$1,209
1215	$1,210	-	$1,219
1225	$1,220	-	$1,229
1235	$1,230	-	$1,239
1245	$1,240	-	$1,249
1255	$1,250	-	$1,259
1265	$1,260	-	$1,269
1275	$1,270	-	$1,279
1285	$1,280	-	$1,289
1295	$1,290	-	$1,299
1305	$1,300	-	$1,309
1315	$1,310	-	$1,319
1325	$1,320	-	$1,329
1335	$1,330	-	$1,339
1345	$1,340	-	$1,349
1355	$1,350	-	$1,359
1365	$1,360	-	$1,369
1375	$1,370	-	$1,379
1385	$1,380	-	$1,389
1395	$1,390	-	$1,399
1405	$1,400	-	$1,409
1415	$1,410	-	$1,419
1425	$1,420	-	$1,429
1435	$1,430	-	$1,439
1445	$1,440	-	$1,449
1455	$1,450	-	$1,459
1465	$1,460	-	$1,469
1475	$1,470	-	$1,479
1485	$1,480	-	$1,489
…			
9995	$9,990 - $9,999 or more		

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None

Topcoded:	Yes
Relational table 1999 and earlier	toppuf
Relational table 2001 and later:	newhouse
Unit of observation*:*	HOUSEHOLD
Present in *survey year(s):*	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.
The values are rounded to the nearest integer in the sequence 50, 150, 250, 350.
CONFEE was previously called CONFEEQ.
Prior to 2009, the maximum recorded value was $1,489.

CPRICE =
Cost of construction plus value of land

1:9999997	$1-$9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What was the construction cost as well as the value of the land at that time?

Type:	Numeric
Edit flag variable:	JCPRIC
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: For the National Survey, the variable is topcoded using VALUE's topcode. For the Metro Survey, the variable is topcoded using VALUE's topcode or its own 97th percentile topcode, whichever is lower.
2011 and after: Topcoded at the 97th percentile.
In 2013, this variable is rounded to the nearest $10,000 value. Values rounded to $0 will be set to $1.
Prior to 2009, the maximum recorded value was $999,997.

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview and Owned] AND [(Purchase price of unit and land was between 1 and 999998) or Doesn't know purchase price of land and unit or Refused to answer what the purchase price of the land and unit was] ; OR
3 : [Occupied interview and Owned] AND [Received unit as gift or inheritance or Unit is a gift or inheritance] ; OR
4 : [Occupied interview] AND [Not owned] ; OR
5 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

CSTMNT =

Annual cost for routine maintenance

0	Nothing
1:9997	$1 - $9,997
9998	$9,998 or more
B or -6	Not applicable
D or -7	Don’t know
R or -8	Refused
. or -9	Not reported

Long description:
In a TYPICAL YEAR about how much does your household spend for routine repairs and maintenance, such as painting, plumbing, roofing, or other minor repairs?
(IF DON'T KNOW, ASK FOR BEST ESTIMATE)

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded in the 99.5th percentile.

DOC = **/ DOC2** = **/ DOC3** =

1st/2nd/3rd mortgage obtained without proof of income, assets, or debts

1	Yes
2	No
B or -6	Not applicable
D or -7	Don’t know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

DOWNPCT =
Down payment percentage

0	No down payment
1	0-2 percent
2	3-5 percent
3	6-10 percent
4	11-15 percent
5	16-20 percent
6	21-40 percent
7	41-99 percent
8	Bought outright
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Recode - Down payment as a percentage of purchase price

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT occupied interview]; OR
2 : [Occupied interview and Renter]

DWNPAY =
Main source of down payment on unit

1	Sale of previous home if sold during 12 months prior to purchase of new home
2	Savings or cash on hand
3	Sale of other investment
4	Borrowing, other than a mortgage on this property
5	Inheritance or gift
6	Land where building was built used for financing
7	Other (Specify)
8	No down payment
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was the main source of down payment the sale of a previous home, savings, or something else? (IF BOUGHT OUTRIGHT, ENTER MAIN SOURCE OF FULL PAYMENT)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview and Owned] AND [Received unit as gift or inheritance or Unit is a gift or inheritance] ; OR
3 : [Occupied interview] AND [Not owned] ; OR
4 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

EXTLON = / EXTLN2 = / EXTLN3 =

1st/2nd/3rd mortgage refinanced to renew/extend loan due

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	EXTLON/EXTLN2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA EXTLN3: 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

FIXED = / FIXED2 = / FIXED3 =

1st/2nd/3rd mortgage changes for taxes/insurance

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	FIXED/FIXED2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA FIXED3: 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe for FIXED:
1 : [Occupied interview and Owned and One or more regular mortgage and (1st mortgage is FHA or 1st mortgage is VA or 1st mortgage is other type or "Don't know" type of 1st mortgage or Refused to disclose type of 1st mortgage)] AND [1st mortgage payments change or don't know or refused] ; OR
2 : [Occupied interview and Owned and One or more regular mortgage] AND [1st mortgage is Farmers Home Administration Mortgage] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for FIXED2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage and (2nd mortgage is FHA or 2nd mortgage is VA or 2nd mortgage is other type or "Don't know" type of 2nd mortgage or Refused to disclose type of 2nd mortgage)] AND [2nd mortgage payments change or don't know or refused] ; OR
4 : [Occupied interview and Owned and Two or more regular mortgage] AND [2nd mortgage is Farmers Home Administration Mortgage] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

FLRENT =
Frequency of land/site rent payment

1:52	1-52 times per year
53	53 times or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many times a year is the land/site rent due?
How many times a year is the land rent due?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Household owns land on which mobile home sits] and [future occupants of mobile home will own the land] is not available on the public use file.

Conditions not in universe:
1 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(Association fee not required or Does not know if association fee is required or Refused to answer whether association fee was required) and (One-unit or apartment building) and (Unit is a condo or cooperative)] ; OR
2 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(Separate rent is not paid for land or Did not know if separate rent was paid for land or Refused to answer whether separate rent was paid for land) and (Unit is not a condo or cooperative) and (One-unit or apartment building)] ; OR
3 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(One-unit or apartment building) and Association fee required] ; OR
4 : [(Occupied interview or URE interview or vacant interview)] AND [Separate rent is not paid for land or Did not know if separate rent was paid for land or Refused to answer whether separate rent was paid for land] ; OR
5 : [(URE interview or vacant interview) and (For sale only or Sold, but not yet occupied)] AND [((Mobile home is for sale or just sold, but the owner or future occupants do not yet occupy it but will own the land) or (Don't know if future occupants of mobile home will own the land) or (Refused to disclose if future occupants of mobile home will own the land)) and (Mobile home)] ; OR
6 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
7 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
8 : [Occupied interview and Owned and Have mortgage] AND [Land rent included with mortgage payment] ; OR

9 : [Occupied interview and Owned] AND [(Household owns land on which mobile home sits or Household doesn't own land on which mobile home sits or Don't know if household owns land on which mobile home sits) and (Mobile home)]

FMHOTF =

Frequency of other mobile home fee payments

1:52	1-52 times per year
53	53 times or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many times a year are the fees due?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(Other mobile home fees are not required or Did not know if other mobile home fees are required or Refused to answer whether other mobile home fees were required) and (Mobile home) and (Mobile home NOT to be moved)] ; OR
2 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(One-unit or apartment building) and Association fee required] ; OR
3 : [(Occupied interview or URE interview or vacant interview)] AND [(NOT mobile home)] ; OR
4 : [(Occupied interview or URE interview or vacant interview)] AND [Other mobile home fees are not required or Did not know if other mobile home fees are required or Refused to answer whether other mobile home fees were required] ; OR
5 : [(URE interview or vacant interview)] AND [(Mobile home) and (For sale only or Sold, but not yet occupied) and Mobile home to be moved] ; OR
6 : [(URE interview or vacant interview)] AND [(Mobile home) and (NOT for rent, rented, for sale, or sold)] ; OR
7 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
8 : [NOT (occupied interview or URE interview or vacant interview)]

FMRPMT = **/ FMRPMT2** = **/ FMRPMT3** =
Payment frequency of 1st/2nd/3rd mortgage

1	Once a month
2	Twice a month
3	Every two weeks
4	Something else
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How often do you make a payment on your mortgage?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

FRENT =

Frequency of rent payment

1:52	1-52 times per year
53	53 times or more
B or -6	Not applicable

Long description:
How often is the rent payment for this unit due?

Type:	Numeric
Edit flag variable:	JFRENT
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
2 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR
5 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance] ; OR
6 : [Occupied interview] AND [Occupied without payment]

FRSTRM = / FRSTRM2 = / FRSTRM3 =

1st/2nd/3rd mortgage changes – number of years principal and interest remained the same

0	Mortgage less than a year old
1:40	1-40
B or -6	Not applicable
D or -7	Don’t know
R or -8	Refused
. or -9	Not reported

Long description:
How many years did your principal and interest payments remain fixed?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

FXDPM = / FXDPM2 = / FXDPM3 =

1st/2nd/3rd mortgage payment changed because lender will not let you decide how much to pay

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Why did your payment change in the past year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

GPM = / GPM2 =

1st/2nd mortgage payments rise on fixed schedule part

X	Rise at fixed schedule during part of loan
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe for GPM:
1 : [Occupied interview and Owned and One or more regular mortgage and (1st mortgage is FHA or 1st mortgage is VA or 1st mortgage is other type or "Don't know" type of 1st mortgage or Refused to disclose type of 1st mortgage)] AND [1st mortgage payments change or don't know or refused] ; OR
2 : [Occupied interview and Owned and One or more regular mortgage] AND [1st mortgage is Farmers Home Administration Mortgage] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for GPM2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage and (2nd mortgage is FHA or 2nd mortgage is VA or 2nd mortgage is other type or "Don't know" type of 2nd mortgage or Refused to disclose type of 2nd mortgage)] AND [2nd mortgage payments change or don't know or refused] ; OR
4 : [Occupied interview and Owned and Two or more regular mortgage] AND [2nd mortgage is Farmers Home Administration Mortgage] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

GPMW = / GPMW2 =

1st/2nd mortgage payments rise on fixed schedule whole

X	Rise at fixed schedule during whole length of loan
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe for GPMW:
1 : [Occupied interview and Owned and One or more regular mortgage and (1st mortgage is FHA or 1st mortgage is VA or 1st mortgage is other type or "Don't know" type of 1st mortgage or Refused to disclose type of 1st mortgage)] AND [1st mortgage payments change or don't know or refused] ; OR
2 : [Occupied interview and Owned and One or more regular mortgage] AND [1st mortgage is Farmers Home Administration Mortgage] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for GPMW2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage and (2nd mortgage is FHA or 2nd mortgage is VA or 2nd mortgage is other type or "Don't know" type of 2nd mortgage or Refused to disclose type of 2nd mortgage)] AND [2nd mortgage payments change or don't know or refused] ; OR
4 : [Occupied interview and Owned and Two or more regular mortgage] AND [2nd mortgage is Farmers Home Administration Mortgage] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

GPMWP = / GPMWP2 = / GPMWP3 =

1st/2nd/3rd mortgage payments vary according to set schedule

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How do payments change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

GTCASH = / GTCAS2 = / GTCAS3 =

1st/2nd/3rd mortgage refinanced to receive cash

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JTCASH/JTCAS2/JTCAS3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	GTCASH/GTCAS2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA GTCAS3: 2011, 2013N, 2013MSA

Notes:
Edit flag variables JTCASH/JTCAS2/JTCAS3 added in 2011.
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

HEBAL1 = / HEBAL2 = / HEBAL3 =

Outstanding loan against 1st/2nd/3rd home equity loan

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Do you now have an outstanding loan borrowed against the home equity loan?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	HEBAL1/HEBAL2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA HEBAL3: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N

Notes for HEBAL3:
Uncommon, possible that there are no cases in the data.

Conditions not in universe for HEBAL1:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans and The first home equity loan is not a line of credit] AND [The first home equity loan is not a lump sum] ; OR
3 : [Occupied interview and Owned and One or more home equity loans] AND [The first home equity loan is a lump sum] ; OR
4 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HEBAL2:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans and The second home equity loan is not a line of credit] AND [The second home equity loan is not a lump sum] ; OR
4 : [Occupied interview and Owned and Two or more home equity loans] AND [The second home equity loan is a lump sum] ; OR

5 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HEBAL3:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans] AND [Two home equity loans] ; OR
4 : [Occupied interview and Owned and Three or more home equity loans and The third home equity loan is not a line of credit] AND [The third home equity loan is not a lump sum] ; OR
5 : [Occupied interview and Owned and Three or more home equity loans] AND [The third home equity loan is a lump sum] ; OR
6 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
10 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

HEBAM1 = / HEBAM2 = / HEBAM3 =

Outstanding balance on 1st/2nd/3rd home equity loan

1:9999997	$1-9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
. or -9	Not reported

Long description:
What is your current (outstanding) balance on the home equity loan?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	HEBAM1/HEBAM2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA HEBAM3: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N

Notes:
Prior to 2011: For the National Survey, the variable is topcoded using VALUE's topcode. For the Metro Survey, the variable is topcoded using VALUE's topcode or its own 97th percentile topcode, whichever is lower.
2011 and after: Topcoded at the 97th percentile.
However, the following variables must not sum to more than the topcode for the variable VALUE: AMMORT, AMMRT2, AMMRT3, AMMRT4, HEBAM1, HEBAM2, HEBAM3, HECR1, HECR2, HECR3. If the sum of these variables does exceed the topcode for VALUE, the variables are changed to ensure the sum is less than or equal to the topcode for VALUE.
HEBAM3 is uncommon; possible that there are no cases in the data.
Prior to 2009, the maximum recorded value was $999,997.

Conditions not in universe for HEBAM1:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans and The first home equity loan is a line of credit] AND [No outstanding loan against first home equity loan] ; OR
3 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HEBAM2:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR

2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans and The second home equity loan is a line of credit] AND [No outstanding loan against second home equity loan] ; OR
4 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HEBAM3:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans] AND [Two home equity loans] ; OR
4 : [Occupied interview and Owned and Three or more home equity loans and The third home equity loan is a line of credit] AND [No outstanding loan against third home equity loan] ; OR
5 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

HECR1 = / HECR2 = / HECR3 =

Credit limit on 1st/2nd/3rd home equity loan

1:9999997	$1-9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
. or -9	Not reported

Long description:
What is your total credit limit on your 1st/2nd/3rd home equity loan?

Type:	Numeric
Edit flag variable:	JHECR1
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	HECR1/HECR2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA HECR3: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N

Notes:
Prior to 2011: For the National Survey, the variable is topcoded using VALUE's topcode. For the Metro Survey, the variable is topcoded using VALUE's topcode or its own 97th percentile topcode, whichever is lower.
2011 and after: Topcoded at the 97th percentile.
However, the following variables must not sum to more than the topcode for the variable VALUE: AMMORT, AMMRT2, AMMRT3, AMMRT4, HEBAM1, HEBAM2, HEBAM3, HECR1, HECR2, HECR3. If the sum of these variables does exceed the topcode for VALUE, the variables are changed to ensure the sum is less than or equal to the topcode for VALUE.
HECR3 is uncommon, possible that there are no cases in the data.
Prior to 2009, the maximum recorded value was $999,997.

Conditions not in universe for HECR1:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [The first home equity loan is not a line of credit] ; OR
3 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HECR2:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR

2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans] AND [The second home equity loan is not a line of credit] ; OR
4 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HECR3:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans] AND [Two home equity loans] ; OR
4 : [Occupied interview and Owned and Three or more home equity loans] AND [The third home equity loan is not a line of credit] ; OR
5 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

HEINF1 = / HEINF2 = / HEINF3 =

Interest rate on 1st/2nd/3rd home equity loan - fraction

0	no fraction
1	1/8 percent
2	1/4 percent
3	3/8 percent
4	1/2 percent
5	5/8 percent
6	3/4 percent
7	7/8 percent
B or -6	Not applicable
Blank or -9	Not reported

Long description:
What is the current interest rate on home equity loan?
(Round down to nearest 1/8 percent)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	HEINF1/HEINF2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA HEINF3: 1997N, 1998MSA, 1999N, 2013N

Notes:
For 1999 National and 1998 Metro surveys the valid values are:
0 = no fraction
1 = 1/4 percent
2 = 1/2 percent
3 = 3/4 percent
HEINF3 is uncommon; possible that there are no cases in the data.

Conditions not in universe for HEINF1:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans and Outstanding loan against first home equity loan and Does not know if there is an outstanding loan against first home equity loan and Refused to answer if there is an outstanding loan against first home equity loan] AND [(Interest rate on first home equity loan is not between 1 and 25%)] ; OR
3 : [Occupied interview and Owned and One or more home equity loans and The first home equity loan is a line of credit] AND [No outstanding loan against first home equity loan] ; OR
4 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR

7 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HEINF2:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans and Outstanding loan against second home equity loan and Does not know if there is an outstanding loan against second home equity loan and Refused to answer if there is an outstanding loan against second home equity loan] AND [(Interest rate on second home equity loan is not between 1 and 25%)] ; OR
4 : [Occupied interview and Owned and Two or more home equity loans and The second home equity loan is a line of credit] AND [No outstanding loan against second home equity loan] ; OR
5 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HEINF3:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans] AND [Two home equity loans] ; OR
4 : [Occupied interview and Owned and Three or more home equity loans and Outstanding loan against third home equity loan and Does not know if there is an outstanding loan against third home equity loan and Refused to answer if there is an outstanding loan against third home equity loan] AND [(Interest rate on third home equity loan is not between 1 and 25%)] ; OR
5 : [Occupied interview and Owned and Three or more home equity loans and The third home equity loan is a line of credit] AND [No outstanding loan against third home equity loan] ; OR
6 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
10 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

HEINR1 = / HEINR2 = / HEINR3 =

Interest rate on 1st/2nd/3rd home equity loan

1:20.875	1-20.875%
B or -6	Not applicable
. or -9	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	HEINR1/HEINR2: 2011, 2013N, 2013MSA HEINR3: 2013N

Notes:
HEINR3 is uncommon; possible that there are no cases in the data.

HEINW1 = / HEINW2 = / HEINW3 =

Interest rate on 1st/2nd/3rd home equity loan - whole number

1:12	1-12% (whole number part)
B or -6	Not applicable
. or -9	Not reported

Long description:
What is the current interest rate on home equity loan (whole number)

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	HEINW1/HEINW2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA HEINW3: 1997N, 1998MSA, 1999N, 2013N

Notes:
Rates were 1-25% before 2011.
HEINW3 is uncommon; possible that there are no cases in the data.

Conditions not in universe for HEINW1:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans and The first home equity loan is a line of credit] AND [No outstanding loan against first home equity loan] ; OR
3 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HEINW2:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans and The second home equity loan is a line of credit] AND [No outstanding loan against second home equity loan] ; OR
4 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR

7 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HEINW3:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans] AND [Two home equity loans] ; OR
4 : [Occupied interview and Owned and Three or more home equity loans and The third home equity loan is a line of credit] AND [No outstanding loan against third home equity loan] ; OR
5 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

HEL =

Has a home equity loan

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do you (also) have a Home Equity loan or Home Equity line of credit?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Notes:
In 1997, in MORTG module.

HELC =

Has a home equity line of credit

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Response codes D and R dropped in 2011.

HELCN =

Number of home equity lines of credit

1:100	1-100 lines of credit
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Response codes D and R dropped in 2011.

HELMP1 = / HELMP2 = / HELMP3 =

1st/2nd/3rd home equity loan lump sum

1:9999997	$1-9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How much was the lump sum of 1st/2nd/3rd home equity loan?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Conditions not in universe for HELMP1:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans and The first home equity loan is not a line of credit] AND [The first home equity loan is not a lump sum] ; OR
3 : [Occupied interview and Owned and One or more home equity loans] AND [The first home equity loan is a line of credit] ; OR
4 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HELMP2:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans and The second home equity loan is not a line of credit] AND [The second home equity loan is not a lump sum] ; OR
4 : [Occupied interview and Owned and Two or more home equity loans] AND [The second home equity loan is a line of credit] ; OR
5 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR

8 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HELMP3:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans] AND [Two home equity loans] ; OR
4 : [Occupied interview and Owned and Three or more home equity loans and The third home equity loan is not a line of credit] AND [The third home equity loan is not a lump sum] ; OR
5 : [Occupied interview and Owned and Three or more home equity loans] AND [The third home equity loan is a line of credit] ; OR
6 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
10 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

HELUMN =

Number of lump sum home equity loans

1:100	1-100 Loans
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	JELUMN
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HELUMP =

Has a lump sum home equity loan

1	Yes
2	No
B or -6	Not applicable

Type:	Character
Edit flag variable:	JELUMP
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HEMNMOR = / HEMNMOR2 = / HEMNMOR3 =

Month current 1st/2nd/3rd home equity loan obtained

1:12	1-12
B or -6	Not applicable
. or -9	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	HEMNMOR/HEMNMOR2: 2011

Notes:
HEMNMOR3 is uncommon; possible that there are no cases in the data.

HENUM =
Number of home equity loans

1:100	1-100 Loans
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many home equity loans do you have?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Notes:
In 1997, in MORTG module.

Conditions not in universe:
1 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
2 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

HEPMT1 = / HEPMT2 = / HEPMT3 =

1st/2nd/3rd home equity loan monthly payment

1:99997	$1-99997
99998	$99998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What was your last monthly payment?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	HEPMT1/HEPMT2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA HEPMT3: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N

Notes:
Topcoded at the 97th percentile.
HEPMT3 is uncommon; possible that there are no cases in the data.
Prior to 2009, the maximum recorded value was $9,997.

Conditions not in universe for HEPMT1:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans and The first home equity loan is a line of credit] AND [No outstanding loan against first home equity loan] ; OR
3 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HEPMT2:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans and The second home equity loan is a line of credit] AND [No outstanding loan against second home equity loan] ; OR

4 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HEPMT3:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans] AND [Two home equity loans] ; OR
4 : [Occupied interview and Owned and Three or more home equity loans and The third home equity loan is a line of credit] AND [No outstanding loan against third home equity loan] ; OR
5 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

HETYP1 = / HETYP2 = / HETYP3 =

1st/2nd/3rd home equity loan type

1	Line of credit
2	Lump sum
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Some people have a home equity loan that allows them to borrow against it as often as they wish up to a fixed limit. Other loans are a one-time, lump sum payment, which must be repaid over a period of time. What kind of home equity loan is the 1st/2nd/3rd loan? Is it a line of credit, or lump sum?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Conditions not in universe for HETYP1:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HETYP2:
1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

Conditions not in universe for HETYP3:

1 : [Occupied interview and Owned and Has a home equity loan] AND [Less than one home equity loan] ; OR
2 : [Occupied interview and Owned and One or more home equity loans] AND [One home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more home equity loans] AND [Two home equity loans] ; OR
4 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Four or more regular mortgage] AND [Does not have a home equity loan] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan]

HEYRMOR = / HEYRMOR2 = / HEYRMOR3 =

Year current 1st/2nd/3rd home equity loan obtained

1900:2013	1900-2013
B or -6	Not applicable
. or -9	Not reported

Long description:
What year did you get the mortgage?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	HEYRMOR/HEYRMOR2: 2011, 2013N, 2013MSA HEYRMOR3: 2013N

Notes:
HEYRMOR3 is uncommon; possible that there are no cases in the data.

HUDADMIN =

Received government rental assistance (based on HUD administrative data)

1	Yes, public housing
2	Yes, someone in unit received a voucher
3	Yes, privately owned subsidized housing
4	Unit did not receive any type of government rental assistance
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

Notes:
HUD administrative files Tenant Rental Assistance Certification System (TRACS), Public and Indian Housing Information Center (PIC) and HUD “951” are used to create this variable.

HUDSAMP =

Unit selected as part of the 2011 oversample of subsidized housing

1	Yes, oversample unit
2	No, not an oversample unit

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HYBARM = / HYBARM2 = / HYBARM3 =

1st/2nd/3rd mortgage adjustable rate mortgage ever fixed more than a year

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was interest rate ever fixed for more than one year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HYBMYR = / HYBMYR2 = / HYBMYR3 =

1st/2nd/3rd mortgage adjustable rate mortgage number of years fixed

0	Mortgage less than a year old
1:45	1-45
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many years was the interest rate fixed?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

IFFEE =
Condo/co-op/assoc/mobile home park fee required

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is there a required condo/co-op association fee?
Do you pay any required mobile home park fee?
Are there any required mobile home park fee?
Is there a required homeowner's association fee?

Type:	Character
Edit flag variable:	JIFFEE
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview and (Rented or occupied without payment)) or ((URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied)))] AND [(One-unit or apartment building)] ; OR
2 : [(URE interview or vacant interview) and (For sale only or Sold, but not yet occupied)] AND [Mobile home to be moved] ; OR
3 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
4 : [NOT (occupied interview or URE interview or vacant interview)]

IMPROV = / IMPRV2 = / IMPRV3 =

1st/2nd/3rd home equity loan used for additions/improvements

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	IMPROV/IMPRV2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA IMPRV3: 2013N

Notes:
IMPRV3 is uncommon; possible that there are no cases in the data.

INCPER = / INCPR2 = / INCPR3 =

1st/2nd/3rd mortgage refinanced to increase payment period

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	INCPER/INCPR2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA INCPR3: 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

INCS =
Pay separate rent for land

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do you pay separate rent for the land?
In some parts of the country people own their homes but rent the land.
Do you pay rent for the land?
Do you separate rent for the land?

Type:	Character
Edit flag variable:	JINCS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Household owns land on which mobile home sits] and [future occupants of mobile home will own the land] is not available on the public use file.

Conditions not in universe:
1 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(Association fee not required or Does not know if association fee is required or Refused to answer whether association fee was required) and (One-unit or apartment building) and (Unit is a condo or cooperative)] ; OR
2 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(One-unit or apartment building) and Association fee required] ; OR
3 : [(URE interview or vacant interview) and (For sale only or Sold, but not yet occupied)] AND [((Mobile home is for sale or just sold, but the owner or future occupants do not yet occupy it but will own the land) or (Don't know if future occupants of mobile home will own the land) or (Refused to disclose if future occupants of mobile home will own the land))and (Mobile home)] ; OR
4 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
5 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
6 : [Occupied interview and Owned] AND [(Household owns land on which mobile home sits or Household doesn't own land on which mobile home sits or Don't know if household owns land on which mobile home sits) and (Mobile home)] ; OR
7 : [Occupied interview and Owned] AND [(Household doesn't own land on which mobile home sits or Not reported if household owns land on which mobile home sits) and No mortgages and (Mobile home)]

INSPM = **/ INSPM2** = **/ INSPM3** =
1st/2nd/3rd mortgage payment changed because property taxes or home owner insurance changed

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

INSPMT = / INPMT2 = / INPMT3 =

1st/2nd/3rd mortgage payment includes insurance

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Besides principal and interest, does the payment include homeowner's insurance? (Homeowner's insurance protects homeowners in case of fire or other accidental damage to the home, robberies, and third party injuries.)

Type:	Character
Edit flag variable:	JNSPMT/JNPMT2/JNPMT3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	INSPMT/INPMT2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA INPMT3: 2011, 2013N, 2013MSA

Notes:
Definition of homeowner's insurance added in 2009.
Edit flag variables JNSPMT/JNPMT2/JNPMT3 added in 2011.

Conditions not in universe for INSPMT:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for INPMT2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

INTF = **/ INTF2** = **/ INTF3** =
Interest rate of 1st/2nd/3rd mortgage - fraction

0	no fraction
1	1/8 percent
2	1/4 percent
3	3/8 percent
4	1/2 percent
5	5/8 percent
6	3/4 percent
7	7/8 percent
B or -6	Not applicable

Long description:
What is the current interest rate on the mortgage?
(Rounded down to nearest 1/8 percent)

Type:	Character
Edit flag variable:	JINTF/JINTF2/JINTF3
Allocation Matrix:	Matrix I
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	INTF/INTF2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA INTF3: 2011, 2013N, 2013MSA

Notes:
For 1997 National and 1998 Metro surveys the valid values are:
0 = no fraction
1 = 1/4 percent
2 = 1/2 percent
3 = 3/4 percent

Conditions not in universe for INTF:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for INTF2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

INTPM = / INTPM2 = / INTPM3 =

1st/2nd/3rd mortgage payment changed because interest changed to interest plus

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

INTPMT = / INTPMT2 = / INTPMT3 =

Interest included in payment of 1st/2nd/3rd mortgage

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

INTR = **/ INTR2** = **/ INTR3** =
Interest rate of 1st/2nd/3rd mortgage

1:20.875	1-20.875%
B or -6	Not applicable

Long description:
What is the current interest rate on the mortgage?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	Matrix I
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

INTW = **/ INTW2** = **/ INTW3** =
Interest rate of 1st/2nd/3rd mortgage - whole #

1:20	1-20% (whole number part)
B or -6	Not applicable

Long description:
What is the current interest rate on the mortgage?
(Rounded down to nearest 1/8 percent)

Type:	Numeric
Edit flag variable:	JINTW/JINTW2/JINTW3
Allocation Matrix:	Matrix I
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	INTW/INTW2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA INTW3: 2011, 2013N, 2013MSA

Conditions not in universe for INTW:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for INTW2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

IO = / IO2 = / IO3 =

1st/2nd/3rd mortgage changes due to “interest only” needs to be paid down

1	Yes
2	No
B or -6	Not applicable
D or -7	Don’t know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

LANDC =

Land contract for mortgage

1	Yes
2	No
B or -6	Not applicable
D or -7	Don’t know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

LANPMT =
Land rent included with mortgage payment

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is the land rent included with the mortgage payment?

Type:	Character
Edit flag variable:	JANPMT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview and Owned and No mortgages) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [Unit is not a condo or cooperative and Separate rent is paid for land and (One-unit or apartment building)] ; OR
2 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(Association fee not required or Does not know if association fee is required or Refused to answer whether association fee was required) and (One-unit or apartment building) and (Unit is a condo or cooperative)] ; OR
3 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(Other mobile home fees are not required or Did not know if other mobile home fees are required or Refused to answer whether other mobile home fees were required) and (Mobile home) and (Mobile home NOT to be moved)] ; OR
4 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(Separate rent is not paid for land or Did not know if separate rent was paid for land or Refused to answer whether separate rent was paid for land) and (Unit is not a condo or cooperative) and (One-unit or apartment building)] ; OR
5 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(One-unit or apartment building) and Association fee required] ; OR
6 : [(Occupied interview or URE interview or vacant interview)] AND [Other mobile home fees are required] ; OR
7 : [(URE interview or vacant interview)] AND [(For rent only or 'for rent or for sale') or Rented, but not yet occupied] ; OR
8 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
9 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
10 : [Occupied interview] AND [Rented] ; OR
11 : [Occupied interview] AND [Occupied without payment]

LENMOD = / LENMOD2 = / LENMOD3 =

1st/2nd/3rd mortgage payment changed because mortgage modified to prevent foreclosure

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

LNFNBR = / LNFNBR2 = / LNFNBR3 =

Refinance solicitation of 1st/2nd/3rd mortgage

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did you select this refinanced loan because of a solicitation?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

LOOKHS =

Looked at both houses/mobile home & apartments

1	Yes
2	No
3	Looked only at this unit
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did you look at both houses and apartments?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

LOOKNS =

Looked at other neighborhoods

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
When you were going to move, did you look for a house/apartment in any neighborhood other than this?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

LOON = / LOON2 =

% of 1st/2nd mortgage due in last payment

1	1-25 percent
2	26-50 percent
3	51-75 percent
4	76-100 percent
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Of the total amount you borrowed, what percentage will have to be paid off in this last payment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe for LOON:
1 : [Occupied interview and Owned and One or more regular mortgage and (1st mortgage is FHA or 1st mortgage is VA or 1st mortgage is other type or "Don't know" type of 1st mortgage or Refused to disclose type of 1st mortgage)] AND [1st mortgage payments change or don't know or refused] ; OR
2 : [Occupied interview and Owned and One or more regular mortgage and 1st mortgage payments do NOT change and First mortgage changes for taxes/insurance and Changes in first mortgage are not due to interest rate and Part of first mortgage payments do not change and Entire first mortgage payments do not change and First mortgage's last payment was not greatest and 1st mortgage doesn't change for other reason] AND [Payments on loan don't change for reasons other than listed] ; OR
3 : [Occupied interview and Owned and One or more regular mortgage and 1st mortgage payments do NOT change] AND [First mortgage's last payment was not greatest] ; OR
4 : [Occupied interview and Owned and One or more regular mortgage] AND [1st mortgage is Farmers Home Administration Mortgage] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for LOON2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two regular mortgages and 2nd mortgage payments do NOT change and Second mortgage changes for taxes/insurance and Changes to second mortgage are not due to interest rate and Part of second mortgage payments do not change and Entire second mortgage payments do not change and Second mortgage's last payment was not greatest and 2nd mortgage doesn't change for other reason] AND [Payments on loan don't change for more than one other reason than listed] ; OR

4 : [Occupied interview and Owned and Two or more regular mortgage and (2nd mortgage is FHA or 2nd mortgage is VA or 2nd mortgage is other type or “Don't know” type of 2nd mortgage or Refused to disclose type of 2nd mortgage)] AND [2nd mortgage payments change or don't know or refused] ; OR
5 : [Occupied interview and Owned and Two or more regular mortgage and 2nd mortgage payments do NOT change] AND [Second mortgage's last payment was not greatest] ; OR
6 : [Occupied interview and Owned and Two or more regular mortgage] AND [2nd mortgage is Farmers Home Administration Mortgage] ; OR
7 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned] AND [No mortgages]

LOONCL = / LOONCL2 = / LOONCL3 =

Percentage of 1st/2nd/3rd mortgage due in last payment (calculated)

1	1-25 percent
2	26-50 percent
3	51-75 percent
4	76-100 percent
B or -6	Not applicable
D or -7	Don’t know
R or -8	Refused
. or -9	Not reported

Long description:
Calculated to determine last payment payoff.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

LOWINT = **/ LOWIN2** = **/ LOWIN3** =
1st/2nd/3rd mortgage refinanced to get lower interest rate

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	LOWINT/LOWIN/2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA LOWIN3: 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

LPRICE =
Purchase price of unit and land

1:9999997	$1-$9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What was the price? (EXCLUDE CLOSING COST)
(FOR MOBILE HOMES, EXCLUDE VALUE OF THE LAND)

Type:	Numeric
Edit flag variable:	JLPRIC
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: For the National Survey, the variable is topcoded using VALUE's topcode. For the Metro Survey, the variable is topcoded using VALUE's topcode or its own 97th percentile topcode, whichever is lower.
2011 and after: Topcoded at the 97th percentile.
In 2013, this variable is rounded to the nearest $10,000 value. Values rounded to $0 will be set to $1.
Prior to 2009, the maximum recorded value was $999,997.

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview and Owned] AND [(Respondent owns land on which home was built)] ; OR
3 : [Occupied interview and Owned] AND [Received unit as gift or inheritance or Unit is a gift or inheritance] ; OR
4 : [Occupied interview] AND [Not owned] ; OR
5 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

LRENT =
Land/site rent

0	No cash rent
1:9996	$1-$9,996
9997	Include in mobile home park fee or association fee
9998	$9,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What is the cost each month?
What does it cost each month?

Type:	Numeric
Edit flag variable:	JLRENT
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.
Information on [Household owns land on which mobile home sits] and [future occupants of mobile home will own the land] is not available on the public use file.

Conditions not in universe:
1 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(Association fee not required or Does not know if association fee is required or Refused to answer whether association fee was required) and (One-unit or apartment building) and (Unit is a condo or cooperative)] ; OR
2 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(Separate rent is not paid for land or Did not know if separate rent was paid for land or Refused to answer whether separate rent was paid for land) and (Unit is not a condo or cooperative) and (One-unit or apartment building)] ; OR
3 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(One-unit or apartment building) and Association fee required] ; OR
4 : [(Occupied interview or URE interview or vacant interview)] AND [Separate rent is not paid for land or Did not know if separate rent was paid for land or Refused to answer whether separate rent was paid for land] ; OR
5 : [(URE interview or vacant interview) and (For sale only or Sold, but not yet occupied)] AND [((Mobile home is for sale or just sold, but the owner or future occupants do not yet occupy it but will own the land) or (Don't know if future occupants of mobile home will own the land) or (Refused to disclose if future occupants of mobile home will own the land)) and (Mobile home)] ; OR
6 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
7 : [NOT (occupied interview or URE interview or vacant interview)] ; OR

8 : [Occupied interview and Owned and Have mortgage] AND [Land rent included with mortgage payment] ; OR
9 : [Occupied interview and Owned] AND [(Household owns land on which mobile home sits or Household doesn't own land on which mobile home sits or Don't know if household owns land on which mobile home sits) and (Mobile home)]

LVALUE =

Current value of land

1:9999997	$1-$9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
D or -7	Don’t know
R or -8	Refused

Long description:
How much do you think the land would sell for on today's market?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: For the National Survey, the variable is topcoded using VALUE's topcode. For the Metro Survey, the variable is topcoded using VALUE's topcode or its own 97th percentile topcode, whichever is lower.
2011 and after: Topcoded at the 97th percentile.
Information on [Household owns land on which mobile home sits] is not available on the public use file.
Prior to 2009, the maximum recorded value was $999,997.

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview and (Rented or occupied without payment)] AND [(Mobile home)] ; OR
3 : [Occupied interview and (Rented or occupied without payment)] AND [(NOT mobile home)] ; OR
4 : [Occupied interview and Owned] AND [Household doesn't own land on which mobile home sits or Refused to answer whether household owns land on which mobile home sits or Don't know if household owns land on which mobile home sits or Not reported if household owns land on which mobile home sits] ; OR
5 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

MATBUY = / MATBY2 = / MATBY3 =

Got 1st/2nd/3rd mortgage in same year bought unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did you get the mortgage the same year you bought your home?

Type:	Character
Edit flag variable:	JATBUY/JATBY2/JATBY3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	MATBUY/MATBY2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA MATBY3: 2011, 2013N, 2013MSA

Conditions not in universe for MATBUY:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for MATBY2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

MAXADJ = / MAXADJ2 = / MAXADJ3 =

1st/2nd/3rd mortgage frequency of interest rate change limited where mortgage payment not fixed

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is there a limit to the number of times your interest rate can change over the course of the mortgage/loan?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

MCNT =

Number of regular mortgages

1:6	1-6 regular mortgages
7	7 or more regular mortgages
B or -6	Not applicable
. or -9	Not reported

Type:	Numeric
Edit flag variable:	JMCNT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 1997 and 1998, in MORTG module.

Conditions not in universe:
1 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
2 : [Occupied interview and Owned] AND [No mortgages]

MCOM = / MCOM2 =

1st/2nd mortgage covers business on property

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does this mortgage cover a business on this property?

Type:	Character
Edit flag variable:	JMCOM/JMCOM2
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe for MCOM:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for MCOM2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

MFARM = / MFARM2 =

1st/2nd mortgage covers farm land

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does this mortgage cover farm land?

Type:	Character
Edit flag variable:	JMFARM/JFARM2
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe for MFARM:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for MFARM2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

MG =

Any mortgages on this property

1	Yes
2	No
B or -6	Not applicable

Long description:
Not counting Home Equity loans, is there a mortgage or any loans on this housing unit?

Type:	Character
Edit flag variable:	JMG
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 1997, in MORTG module.

MGRESA = / MGRESA2 = / MGRESA3 =

1st/2nd/3rd mortgage shopped around before choosing lender

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did you compare mortgages from more than one bank/organization?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

MH32 =
Mobile home on property used for living quarters

1	Yes
2	No

Long description:
Are there any homes on this property that are used for living purposes by this household?

Type:	Character
Edit flag variable:	JMH32
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Apartment building and NOT two unit building) or ((Mobile home) and NOT 1 mobile home in group)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

MHOTFE =
Amount of other required mobile home fees

1:997	$1-$997
998	$998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What is the average cost each month for those fees?

Type:	Numeric
Edit flag variable:	JHOTFE
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.

Conditions not in universe:
1 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(Other mobile home fees are not required or Did not know if other mobile home fees are required or Refused to answer whether other mobile home fees were required) and (Mobile home) and (Mobile home NOT to be moved)] ; OR
2 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(One-unit or apartment building) and Association fee required] ; OR
3 : [(Occupied interview or URE interview or vacant interview)] AND [(NOT mobile home)] ; OR
4 : [(Occupied interview or URE interview or vacant interview)] AND [Other mobile home fees are not required or Did not know if other mobile home fees are required or Refused to answer whether other mobile home fees were required] ; OR
5 : [(URE interview or vacant interview)] AND [(Mobile home) and (For sale only or Sold, but not yet occupied) and Mobile home to be moved] ; OR
6 : [(URE interview or vacant interview)] AND [(Mobile home) and (NOT for rent, rented, for sale, or sold)] ; OR
7 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
8 : [NOT (occupied interview or URE interview or vacant interview)]

MINPM = / MINPM2 = / MINPM3 =

1st/2nd/3rd mortgage payment changed because choice of minimum payment choice increased

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

MLNCLS = / MLNCLS2 = / MLNCLS3 =

1st/2nd/3rd mortgage chosen because of low closing costs

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

MLNDWN = / MLNDWN2 = / MLNDWN3 =

1st/2nd/3rd mortgage chosen because believed interest rates would go down

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

MLNINT = / MLNINT2 = / MLNINT3 =

1st/2nd/3rd mortgage chosen because of interest rate

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

MLNOTH = / MLNOTH2 = / MLNOTH3 =

1st/2nd/3rd mortgage chosen for other reason

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

MLNPM = / MLNPM2 = / MLNPM3 =

1st/2nd/3rd mortgage chosen because of payment amount

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

MNMOR = **/ MNMOR2** = **/ MNMOR3** =
Month 1st/2nd/3rd mortgage obtained

1:12	1-12
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What month did you get the mortgage?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

MORTIN = / MORTN2 = / MORTN3 =

Federal government guarantor of 1st/2nd/3rd mortgage

1	FHA
2	VA
3	Farmer's Home Administration Mortgage
4	None of these
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is the mortgage an FHA, VA, Rural Housing Service / Rural Development Mortgage, or none of these?

Type:	Character
Edit flag variable:	JORTIN/JORTN2/JORTN3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	MORTIN/MORTN2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA MORTN3: 2011, 2013N, 2013MSA

Notes:
Response category 4 changed from "Some other type" to "None of these" in 2009. Long description also changed; before 2009 it was "Is the mortgage an FHA, VA, Farmers Home Administration Mortgage, or some other type?"

Conditions not in universe for MORTIN:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for MORTN2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

MRTYP1 = / MRTYP2 = / MRTYP3 =

Type of 1st/2nd/3rd mortgage

1	Regular mortgage
2	Lump sum
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JRTYP1/JRTYP2/JRTYP3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	MRTYP1/MRTYP2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA MRTYP3: 2011, 2013N, 2013MSA

MXDJTM = / MXDJTM2 = / MXDJTM3 =

1st/2nd/3rd mortgage number of times limited interest rate change where mortgage payment not fixed

1:997	1-997
998	998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many times is that limited interest rate change?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

MXINTF = / MXINTF2 = / MXINTF3 =

1st/2nd/3rd mortgage highest interest rate allowed where mortgage payment not fixed – fraction

0	no fraction
1	1/8 percent
2	1/4 percent
3	3/8 percent
4	1/2 percent
5	5/8 percent
6	3/4 percent
7	7/8 percent
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What is the highest the rate can go up to over the life of the mortgage (fraction)?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

MXINTR = / MXINTR2 = / MXINTR3 =

1st/2nd/3rd mortgage highest interest rate where mortgage payment not fixed

1:20.875	1-20.875%
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What is the highest the rate can go up to over the life of the mortgage?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

MXINTW = **/ MXINTW2** = **/ MXINTW3** =
1st/2nd/3rd mortgage highest interest rate where mortgage payment not fixed – whole number

1:20	1-20% (whole number part)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What is the highest the rate can go up to over the life of the mortgage (whole number)?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

NEWMOR = / NEWMR2 = / NEWMR3 =

1st/2nd/3rd mortgage new or assumed

1	New
2	Assumed
3	Wrap around
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
With regard to the mortgage, did you apply for the mortgage or did you assume someone else's mortgage?

Type:	Character
Edit flag variable:	JEWMOR/JEWMR2/JEWMR3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	NEWMOR/NEWMR2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA NEWMR3: 2011, 2013N, 2013MSA

Notes:
In 2009, wording in long description changed from "did you get a new mortgage" to "did you apply for the mortgage".

Conditions not in universe for NEWMOR:
1 : [Occupied interview and Owned and One or more regular mortgage] AND [Did not get first mortgage in same year as bought unit] ; OR
2 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
3 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for NEWMR2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage] AND [Did not get second mortgage in same year bought unit] ; OR
4 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
5 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned] AND [No mortgages]

NUMMOR =
Number of mortgages including home equity loans

0:6	0-6 regular mortgages and/or home equity loans
7	7 or more regular mortgages and/or home equity loans
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Not topcoded in surveys 2001 and later
In surveys 2001 and later, households with 0 mortgages are categorized as B, Not applicable.

On the PUF the recode NUMMOR is created by adding the count of regular mortgages (MG,REGMOR) plus the home equity lump sum mortgages (HELUMP, HELUMN) plus the home equity lines of credit (HELC, HELCN) to get a count of the total number of mortgages in the unit. Missing data for regular mortgages and home equity lump sums are allocated. Data for home equity lines of credit are not allocated. When NUMMOR is created for any unit where the line of credit data are missing, refused (R), or answered don't know (D) NUMMOR is assigned the value D (don't know). For example if there were two regular mortgages (MG=1 and REGMOR = 2) and two lump sum home equity loans (HELUMP = 2 and HELUMN = 2) but the data for lines of credit were refused (HELC = R and HELCN = B) then NUMMOR is coded as a D. Please keep in mind that NUMMOR is useable but it is not a count of regular mortgages and should not be used as such. The best count of regular mortgages would be obtained by adding REGMOR (when MG = 1) to HELUMN (when HELUMP = 1).

Response code D dropped in 2011.

ORINTF = / ORINTF2 = / ORINTF3 =

1st/2nd/3rd mortgage original interest rate where mortgage payment not fixed – fraction

0	no fraction
1	1/8 percent
2	1/4 percent
3	3/8 percent
4	1/2 percent
5	5/8 percent
6	3/4 percent
7	7/8 percent
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What was the original interest rate on this mortgage (fraction)?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

ORINTR = / ORINTR2 = / ORINTR3 =

1st/2nd/3rd mortgage original interest rate where mortgage payment not fixed

1:20.875	1-20.875%
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What was the original interest rate on this mortgage?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

ORINTW = / ORINTW2 = / ORINTW3 =

1st/2nd/3rd mortgage original interest rate where mortgage payment not fixed – whole number

1:20	1-20% (whole number part)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What was the original interest rate on this mortgage (whole number)?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

OTHPMT = / OTPMT2 = / OTPMT3 =

Other charges included in 1st/2nd/3rd mortgage payment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Besides principal and interest, does the payment include anything else? (exclude anything already mentioned)

Type:	Character
Edit flag variable:	JTHPMT/JTPMT2/JTPMT3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	OTHPMT/OTPMT2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA OTMPT3: 2011, 2013N, 2013MSA

Conditions not in universe for OTHPMT:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for OTPMT2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

OTHREF = **/ OTREF2** = **/ OTREF3** =

1st/2nd/3rd mortgage refinanced for other reason

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	OTHREF/OTREF2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA OTREF3: 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

OTRPM = **/ OTRPM2** = **/ OTRPM3** =

1st/2nd/3rd mortgage payment changed because of something else

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

PERUS1 = **/ PERUS2** = **/ PERUS3** =

Percentage of 1st/2nd/3rd mortgage loan used for the purchase of the home

0:100	0-100 Percent
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	PERUS1/PERUS2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA PERUS3: 2011, 2013N, 2013MSA

PINCOP = / PINCO2 =

1st/2nd mortgage covers other units

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does this mortgage cover other homes or apartments besides this one?

Type:	Character
Edit flag variable:	JINCOP/JINCO2
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe for PINCOP:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for PINCO2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

PMIAMT = / PMAMT2 = / PMAMT3 =

Amount of private mortgage insurance included in 1st/2nd/3rd mortgage

1:99998	$1-99,998
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Type:	Numeric
Edit flag variable:	JMIAMT/JMAMT2/JMAMT3
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	PMIAMT/PMAMT2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA PMAMT3: 2011, 2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.
Edit flag JMAMT2 added in 2011.
Prior to 2009, the maximum recorded value was $3,999.

PMIPMT = / PMPMT2 = / PMPMT3 =

1st/2nd/3rd mortgage payments include private mortgage insurance

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JMIPMT/JMPMT2
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	PMIPMT/PMPMT2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA PMPMT3: 2011, 2013N, 2013MSA

PMT = / PMT2 = / PMT3 = / PMT4 =

Monthly payment for 1st/2nd/3rd/4th-and-more mortgage

1:99997	$1-99,997
99998	$99,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What is the current monthly payment? (Include as much Principal, Interest, Taxes, and Insurance (PITI) as they pay)

Type:	Numeric
Edit flag variable:	JPMT/JPMT2/JPMT3/JPMT4
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
PMT is topcoded at the 95.5th percentile. PMT2/PMT3/PMT4 topcoded at the 97th percentile.
In 2009, parenthetical remark in long description changed from "(Include as much of PITI as they pay)" to (Include as much Principal, Interest, Taxes, and Insurance (PITI) as they pay)".
In 2013, these variables are rounded to the nearest $25 value. Values rounded to $0 will be set to $1.
Prior to 2009, the maximum recorded value was $9,997.

Conditions not in universe for PMT:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for PMT2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for PMT3:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two regular mortgages] AND [Has a home equity loan] ; OR
4 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for PMT4:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two regular mortgages] AND [Has a home equity loan] ; OR
4 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Three regular mortgages] AND [Has a home equity loan] ; OR
6 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned] AND [No mortgages]

PMTINC = **/ PMTINC2** = **/ PMTINC3** =

1st/2nd/3rd mortgage payment increased or decreased

1	Increased
2	Decreased
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

POOR =
Household income as percent of poverty line (rounded)

1:82908	1:82908
. or -9	Not reported

Long description:
Household income as percent of poverty line

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N

Notes:
In early versions of the 2005 and 2007 public use files, POOR was miscoded. The percentage was multiplied by 1000 instead of 100 so that a value of 600 meant that household income was 60 percent of the poverty level. In later PUFs — those that contain corrections to SMSA and AGE, the Census Bureau corrected the error in POOR.

PRENT =
Amount of rent actually paid

0	None
1:9997	$1-$9,997
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
Of the $amount rent you reported, how much is this household required to pay?

Type:	Numeric
Edit flag variable:	JPRENT
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.
Information on [Unit is part of a public housing authority] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is part of a public housing authority] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is not part of a public housing authority] ; OR
3 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
4 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
5 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
6 : [Occupied interview and (Rented or occupied without payment)] AND [((Rent adjusted or NOT adjusted because relationship w/ owner) or Don't know if rent adjusted because relationship w/ owner or Refused to disclose if rent adjusted because relationship w/ owner) and Unit is not part of a public housing authority] ; OR
7 : [Occupied interview and (Rented or occupied without payment)] AND [(Did NOT received voucher to help pay rent or Don't know if received voucher to help pay rent or Refused to disclose if received voucher to help pay rent) and Unit is not part of a public housing authority] ; OR
8 : [Occupied interview and (Rented or occupied without payment)] AND [Don't know if owned by public housing authority and (Income info required for lease renewal or Refused to disclose if income info required for lease renewal) and DO NOT report income to public housing authority or a state or local housing agency and Unit is not part of a public housing authority] ; OR
9 : [Occupied interview and (Rented or occupied without payment)] AND [Don't know if owned by public housing authority and (Income info NOT required for lease renewal or Don't know if income info required for lease renewal) and Government doesn't subsidize rent for unit or don't know or refused and Unit is not part of a public housing authority] ; OR

10 : [Occupied interview and (Rented or occupied without payment)] AND [Government doesn't subsidize rent for unit and Unit is not part of a public housing authority] ; OR
11 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR
12 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance]

PRIN01 =

Monthly payment for principal and interest

0:99997	0 to 99,997
99998	99,998 or more
B or -6	Not applicable

Long description:
This is a recoded variable based on the amount paid toward principal and interest on the first two mortgages on the unit.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

Notes:
Component variables were topcoded before creating this variable. As each component variable was topcoded individually, the number of cases topcoded for each component variable and the level at which they were topcoded varies.

PRIPMT = / PRIPMT2 = / PRIPMT3 =

Principal included in payment of 1st/2nd/3rd mortgage

1	Yes
2	No
B or -6	Not applicable
D or -7	Don’t know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

PROJ =
Building owned by public housing authority

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is the building owned by a public housing authority?

Type:	Character
Edit flag variable:	JPROJ
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Unit is part of a public housing authority] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
2 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview and (Rented or occupied without payment)] AND [Government doesn't subsidize rent for unit and Unit is part of a public housing authority] ; OR
5 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR
6 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance]

PTCHAM = / PTCHAM2 = / PTCHAM3 =

1st/2nd/3rd mortgage payment change amount

1:9997	$1-9,997
9998	$9,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

PTCHYR = / PTCHYR2 = / PTCHYR3 =

1st/2nd/3rd mortgage payment changed in the past year

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

PVALUE =
Current value of unit

1:9999997	$1-$9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How much do you think the unit would sell for on today's market? (See note below for discussions of PVALUE vs VALUE)

Type:	Numeric
Edit flag variable:	JPVALU
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: For the National Survey, the variable is topcoded using VALUE's topcode. For the Metro Survey, the variable is topcoded using VALUE's topcode or its own 97th percentile topcode, whichever is lower.
2011 and after: Topcoded at the 97th percentile.
The difference between PVALUE and VALUE is in the universe described:

Variable	Universe Description
VALUE	All owner occupied or vacant non-rental properties
PVALUE	Multi-unit buildings; or single unit houses that sit on either 10+ acres or on less than 10 acres but have a business on the property; exclude condos/coops.

Information on [Household doesn't own land on which mobile home sits] is not available on the public use file.
Prior to 2009, the maximum recorded value was $999,997.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(One-unit building) and Unit is not a condo or cooperative and Lot is less than or equal to 440000 square feet and There is no medical office or community store on the property] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [(NOT one-unit mobile home and Unit is a condo or cooperative) or One-unit mobile home] ; OR
3 : [(URE interview or vacant interview)] AND [(NOT 'for rent or for sale' and NOT For sale only and NOT 'sold, but not yet occupied') or (((For rent or for sale or for sale only) or Sold, but not yet occupied) and Ownership of unit time shared or don't know or refused)] ; OR
4 : [(URE interview or vacant interview)] AND [Sold, but not yet occupied and Ownership of unit NOT time shared] ; OR
5 : [Occupied interview and (Rented or occupied without payment)] AND [(Mobile home)] ; OR
6 : [Occupied interview and (Rented or occupied without payment)] AND [(NOT mobile home)] ; OR

7 : [Occupied interview and Owned] AND [(The current value of the land is between 1 and 999998) or Does not know what the current value of the land is or Refused to answer what the current value of the land was] ; OR
8 : [Occupied interview and Owned] AND [Household doesn't own land on which mobile home sits or Refused to answer whether household owns land on which mobile home sits or Don't know if household owns land on which mobile home sits or Not reported if household owns land on which mobile home sits] ; OR
9 : [Occupied interview] AND [(Rented or occupied without payment)] ; OR
10 : [Vacant interview] AND [For rent only or For rent or for sale or Rented, but not yet occupied] ; OR
11 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

RAM =

Has reserve annuity or home equity conversion mortgage

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

RAMAP =

Applied for reverse annuity mortgage

1	Yes
2	No

Long description:
Have you applied for this kind of mortgage that would give you payments?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1997:	mortg
Relational table 1998:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

RAMORT =

Heard of reverse annuity mortgage

1	Yes
2	No

Long description:
Some people take out a special mortgage called a Reverse Annuity

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1997:	mortg
Relational table 1998:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

RATEPM = / RATEPM2 = / RATEPM3 =

1st/2nd/3rd mortgage payment changed from non-ARM to ARM, or vice versa

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

RCNTRL =
Rent limited by rent control/stabilization

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does the government limit the rent on the unit through rent control or rent stabilization?

Type:	Character
Edit flag variable:	JCNTRL
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Unit is part of a public housing authority] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is part of a public housing authority] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or Rented, but not yet occupied)] AND [Owned by public housing authority] ; OR
3 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or Rented, but not yet occupied)] AND [Government subsidizes rent for unit] ; OR
4 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
5 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
6 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
7 : [Occupied interview and (Rented or occupied without payment)] AND [(Did NOT received voucher to help pay rent or Don't know if received voucher to help pay rent or Refused to disclose if received voucher to help pay rent) and Unit is not part of a public housing authority] ; OR
8 : [Occupied interview and (Rented or occupied without payment)] AND [Respondents were assigned to particular location of public housing and Unit is not part of a public housing authority] ; OR
9 : [Occupied interview and (Rented or occupied without payment)] AND [Unit is part of a public housing authority] ; OR
10 : [Occupied interview and (Rented or occupied without payment)] AND [Owned by public housing authority] ; OR
11 : [Occupied interview and (Rented or occupied without payment)] AND [Report income to public housing authority or a state or local housing agency and Unit is not part of a public housing authority] ; OR
12 : [Occupied interview and (Rented or occupied without payment)] AND [Received voucher to help pay rent and Unit is not part of a public housing authority] ; OR
13 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR

14 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance]

REDMON = / REDMO2 = / REDMO3 =

Refinanced to reduce monthly payment of 1st/2nd/3rd loan

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What were the reasons for refinancing of the mortgage?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	REDMON: 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011 REDMO2: 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA REDMO3: 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe for REDMO2:
1 : [Not occupied interview]; OR
2 : [Occupied and not Owned]; OR
3 : [Occupied and Owned and no second mortgage]

REDPAY = / REDPA2 = / REDPA3 =

Refinanced to reduce repayment period of 1st/2nd/3rd loan

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	REDPAY/REDPA2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA REDPA3: 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

REFI = / REFI2 = / REFI3 =

Mortgage a refinancing of previous mortgage

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JREFI/JREFI2
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	REFI/REFI2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA REFI3: 2011, 2013N, 2013MSA

REGMOR =
Number of regular mortgages on unit

0	No mortgages
1:7	1-7 mortgages
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How many mortgages (or loans) are there now on the unit?

Type:	Numeric
Edit flag variable:	JEGMOR
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 1997, in MORTG module.

RENEW =
Income info required for lease renewal

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description (2009):
Some rental agreements include a special re-certification process that determines the amount of rent a renter has to pay. Rental agreements with re-certification REQUIRE a renter to report everyone who lives with them, and all jobs, savings, and sources of income for all household members. This information is used to determine the amount of the rent payment.
Do you have to re-certify to determine the amount of rent you pay?

Type:	Character
Edit flag variable:	JRENEW
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2007, the wording was similar to but simpler than the 2009 wording Before 2007, long description read as follows: "As a part of your rental agreement, do you need to answer questions about your income whenever your lease is up for renewal?"
Information on [Unit is part of a public housing authority] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is part of a public housing authority] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is not part of a public housing authority] ; OR
3 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
4 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
5 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
6 : [Occupied interview and (Rented or occupied without payment)] AND [Unit is part of a public housing authority] ; OR
7 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR
8 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance]

RENT =
Amount reported for payment period in FRENT

1	Rent depends on the income of the occupants, such as public housing or
2:29997	$2-$29,997
29998	$29,998 or more
B or -6	Not applicable

Long description:
How much is the rent?
*** IF PARKING PRICED SEPARATELY, EXCLUDE IT HERE ***

Type:	Numeric
Edit flag variable:	JRENT
Allocation Matrix:	Matrix E
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 99.5th percentile.
The use of ‘1’ as a code, as defined above, applies to any URE or vacant unit for which RENT is collected. For occupied units, however, ‘1’ is a dollar amount like any other.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
2 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR
5 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance] ; OR
6 : [Occupied interview] AND [Occupied without payment]

RESMOR = / RESMR2 =

Amount of 1st/2nd mortgage applies only to unit

1:9999997	$1-9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How much of the amount of 1st/2nd mortgage applies just to your home?

Type:	Numeric
Edit flag variable:	JESMOR/JESMR2
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Notes:
For the National Survey, the variable is topcoded using VALUE's topcode.
For the Metro Survey, the variable is topcoded using VALUE's topcode or its own 97th percentile topcode, whichever is lower.
Prior to 2009, the maximum recorded value was $999,997.

Conditions not in universe for RESMOR:
1 : [Occupied interview and Owned and One or more regular mortgage] AND [1st mortgage doesn't cover other units and 1st mortgage doesn't cover farm land and 1st mortgage doesn't cover business on property] ; OR
2 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
3 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for RESMR2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage] AND [2nd mortgage doesn't cover other units and 2nd mortgage doesn't cover farm land and 2nd mortgage doesn't cover business on property] ; OR
4 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
5 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned] AND [No mortgages]

RNTADJ =
Rent adjusted because relationship w/ owner

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is the rent adjusted because someone in the household works for or is related to the owner?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Unit is part of a public housing authority] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is part of a public housing authority] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is not part of a public housing authority] ; OR
3 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
4 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
5 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
6 : [Occupied interview and (Rented or occupied without payment)] AND [(Did NOT received voucher to help pay rent or Don't know if received voucher to help pay rent or Refused to disclose if received voucher to help pay rent) and Unit is not part of a public housing authority] ; OR
7 : [Occupied interview and (Rented or occupied without payment)] AND [Respondents were assigned to particular location of public housing and Unit is not part of a public housing authority] ; OR
8 : [Occupied interview and (Rented or occupied without payment)] AND [Unit is part of a public housing authority] ; OR
9 : [Occupied interview and (Rented or occupied without payment)] AND [Owned by public housing authority] ; OR
10 : [Occupied interview and (Rented or occupied without payment)] AND [Report income to public housing authority or a state or local housing agency and Unit is not part of a public housing authority] ; OR
11 : [Occupied interview and (Rented or occupied without payment)] AND [Received voucher to help pay rent and Unit is not part of a public housing authority] ; OR
12 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR
13 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance]

SELL = / SELL2 = / SELL3 =

Borrowed 1st/2nd/3rd mortgage from former owner

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was that the former owner of the home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	SELL/SELL2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA SELL3: 2011, 2013N, 2013MSA

Conditions not in universe for SELL:
1 : [Occupied interview and Owned and One or more regular mortgage and (1st mortgage is other type or "Don't know" type of 1st mortgage or Refused to disclose type of 1st mortgage)] AND [First mortgage was not borrowed from an individual] ; OR
2 : [Occupied interview and Owned and One or more regular mortgage] AND [1st mortgage is NOT other type and Know type of 1st mortgage and Didn't refuse to disclose type of 1st mortgage] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for SELL2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage and (2nd mortgage is other type or "Don't know" type of 2nd mortgage or Refused to disclose type of 2nd mortgage)] AND [Second mortgage was not borrowed from an individual] ; OR
4 : [Occupied interview and Owned and Two or more regular mortgage] AND [2nd mortgage is NOT other type and Know type of 2nd mortgage and Didn't refuse to disclose type of 2nd mortgage] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

SHOCK = **/ SHOCK2** = **/ SHOCK3** =
1st/2nd/3rd mortgage payment change increase difficult to afford

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

SUBMOR = / SUBMR2 = / SUBMR3 = / SUBMR4 =

Government program provides 1st/2nd/3rd/4th-and-more mortgage

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did you get your mortgage through a State or local government program that provides lower cost mortgages?

Type:	Character
Edit flag variable:	JUBMOR/JUBMR2
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	SUBMOR: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA SUBMR2/SUBMR3/SUBMR4: 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe for SUBMOR:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for SUBMR2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for SUBMR3:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two regular mortgages] AND [Has a home equity loan] ; OR
4 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for SUBMR4:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two regular mortgages] AND [Has a home equity loan] ; OR
4 : [Occupied interview and Owned and Two regular mortgages] AND [Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned and Three regular mortgages] AND [Has a home equity loan] ; OR
6 : [Occupied interview and Owned and Three regular mortgages] AND [Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
8 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
9 : [Occupied interview and Owned] AND [No mortgages]

TADJ =

Purchase price changed due to inspection/test

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Were any adjustments made to the purchase price of the house as a result of the inquiry, inspection, or test?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview and Owned] AND [Unit NOT tested for asbestos before purchase and Unit NOT tested for lead paint before purchase and Unit NOT tested for radon before purchase and Lead pipes NOT inspected before purchase and Lead solder NOT inspected before purchase and Water quality was NOT tested before purchase or don't know or refused and Aluminum wiring NOT inspected before purchase] ; OR
3 : [Occupied interview] AND [Not owned] ; OR
4 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

TAXPMT = / TXPMT2 = / TXPMT3 =

Property taxes included in 1st/2nd/3rd mortgage

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Besides principal and interest, does the payment include property taxes?

Type:	Character
Edit flag variable:	JAXPMT/JXPMT2/JXPMT3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	TAXPMT/TXPMT2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA TXPMT3: 2011, 2013N, 2013MSA

Notes:
Edit flag variables JAXPMT/JXPMT2/JXPMT3 added in 2011.

Conditions not in universe for TAXPMT:
1 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
2 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for TXPMT2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

TERM = / TERM2 = / TERM3 =

Term of 1st/2nd/3rd mortgage

1:40	1-40 years
B or -6	Not applicable

Long description:
How many years remained on the mortgage then?
When you first obtained THIS mortgage, how many years was it for?

Type:	Numeric
Edit flag variable:	JTERM/JTERM2/JTERM3
Allocation Matrix:	Matrix I
Topcoded:	Yes
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	TERM/TERM2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA TERM3: 2011, 2013N, 2013MSA

Notes:
TERM/TERM2 topcoded at the 95.5th percentile. TERM3 topcoded at the 97th percentile.

Conditions not in universe for TERM:
1 : [Occupied interview and Owned and One or more regular mortgage and NOT assumed 1st mortgage] AND [Term of first mortgage can vary] ; OR
2 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
3 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for TERM2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage and NOT assumed 2nd mortgage] AND [Term of second mortgage can vary] ; OR
4 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
5 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned] AND [No mortgages]

TIMBOM = **/ TIMBOM2** = **/ TIMBOM3** =
1st/2nd/3rd mortgage changes due to “payment option”

1	Yes
2	No
B or -6	Not applicable
D or -7	Don’t know
R or -8	Refused
Blank or -9	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

TXRE =
Received real estate property tax rebate

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Last year did you receive a real estate property tax rebate, lower tax rate, tax credit or exemption from part of your real estate taxes?

Type:	Character
Edit flag variable:	JTXRE
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only or 'for rent or for sale') or Rented, but not yet occupied] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
4 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
5 : [Occupied interview] AND [Rented] ; OR
6 : [Occupied interview] AND [Occupied without payment]

UNPBAL = / UNPBAL2 = / UNPBAL3 = / UNPBAL4 =

Amount currently owed on 1st/2nd/3rd/4th-and-more mortgage

1:9999997	$1-9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What is the amount that you still owe on the mortgage?

Type:	Numeric
Edit flag variable:	JUNPBAL/JUNPBAL2/JUNPBAL3/JUNPBAL4
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

Notes:
UNPBAL topcoded at the 95.5th percentile. UNPBAL2/UNPBAL3/UNPBAL4 topcoded at the 97th percentile.
In 2013, these variables are rounded to the nearest $10,000 value. Values rounded to $0 will be set to $1.

VALUE =

Current market value of unit

1:9999997	$1-$9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
Current market value of this housing unit. (See PVALUE for a discussion of PVALUE vs VALUE)

Type:	Numeric
Edit flag variable:	JVALU
Allocation Matrix:	Matrix E
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: Topcoded at the 97th percentile ONLY in the Metro Survey. Topcoded at 350,000 ONLY in the National Survey.
2011 and after: Topcode levels and the number of cases vary by geography. Variable was topcoded by the supplemental metropolitan areas and the remainder of the cases.
In 2013, this variable is rounded to the nearest $10,000 value. Values rounded to $0 will be set to $1.
Prior to 2009, the maximum recorded value was $999,997.

Conditions not in universe:
1 : [Occupied interview and (Rented or occupied without payment)] AND [(Mobile home)] ; OR
2 : [Occupied interview and (Rented or occupied without payment)] AND [(NOT mobile home)] ; OR
3 : [Occupied interview] AND [(Rented or occupied without payment)] ; OR
4 : [Vacant interview] AND [For rent only or For rent or for sale or Rented, but not yet occupied] ; OR
5 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

VARM = / VARM2 = / VARM3 =

1st/2nd/3rd mortgage changes for other reason

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	VARM/VARM2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA VARM3: 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe for VARM:
1 : [Occupied interview and Owned and One or more regular mortgage and (1st mortgage is FHA or 1st mortgage is VA or 1st mortgage is other type or "Don't know" type of 1st mortgage or Refused to disclose type of 1st mortgage)] AND [1st mortgage payments change or don't know or refused] ; OR
2 : [Occupied interview and Owned and One or more regular mortgage] AND [1st mortgage is Farmers Home Administration Mortgage] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for VARM2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage and (2nd mortgage is FHA or 2nd mortgage is VA or 2nd mortgage is other type or "Don't know" type of 2nd mortgage or Refused to disclose type of 2nd mortgage)] AND [2nd mortgage payments change or don't know or refused] ; OR
4 : [Occupied interview and Owned and Two or more regular mortgage] AND [2nd mortgage is Farmers Home Administration Mortgage] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

VARY = / VARY2 = / VARY3 =

1st/2nd/3rd mortgage payments change

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are the payments on this loan the same during the whole length of the mortgage?

Type:	Character
Edit flag variable:	JVARY/JVARY2/JVARY3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	VARY/VARY2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA VARY3: 2011, 2013N, 2013MSA

Conditions not in universe for VARY:
1 : [Occupied interview and Owned and One or more regular mortgage] AND [1st mortgage is Farmers Home Administration Mortgage] ; OR
2 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
3 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
4 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for VARY2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage] AND [2nd mortgage is Farmers Home Administration Mortgage] ; OR
4 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
5 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
6 : [Occupied interview and Owned] AND [No mortgages]

VCHRMOV =
Can use voucher to move to another location

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Can you use your housing voucher to move to another location?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Not occupied interview]; OR
2 : [Occupied and Owned]; OR
3 : [Occupied without payment] AND [Household does not have a voucher]

YRMOR = / YRMOR2 = / YRMOR3 =

Year 1st/2nd/3rd mortgage obtained

1900:2013	1900-2013
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What year did you get the mortgage?

Type:	Numeric
Edit flag variable:	JYRMOR/JRMOR2/JRMOR3
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	YRMOR/YRMOR2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA YRMOR3: 2011, 2013N, 2013MSA

Notes:
If YRMOR/YRMOR2/YRMOR3 is blank, mortgage was obtained in year of unit purchase (see WHNGET).

Conditions not in universe for YRMOR:
1 : [Occupied interview and Owned and One or more regular mortgage and Got first mortgage in the same year as unit was bought] AND [NOT assumed 1st mortgage] ; OR
2 : [Occupied interview and Owned and One or more regular mortgage] AND [Assumed 1st mortgage] ; OR
3 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
4 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
5 : [Occupied interview and Owned] AND [No mortgages]

Conditions not in universe for YRMOR2:
1 : [Occupied interview and Owned and One regular mortgage] AND [Has a home equity loan] ; OR
2 : [Occupied interview and Owned and One regular mortgage] AND [Does not have a home equity loan] ; OR
3 : [Occupied interview and Owned and Two or more regular mortgage and Got second mortgage in same year bought unit] AND [NOT assumed 2nd mortgage] ; OR
4 : [Occupied interview and Owned and Two or more regular mortgage] AND [Assumed 2nd mortgage] ; OR
5 : [Occupied interview and Owned and Have mortgage] AND [(NOT between one and seven or more regular mortgages)] ; OR
6 : [Occupied interview and Owned] AND [No mortgages and Does not have a home equity loan] ; OR
7 : [Occupied interview and Owned] AND [No mortgages]

ZSMHC =
Monthly housing costs

0:99999	$0-$99,999
B or -6	Not applicable

Long description:
The monthly housing cost recode is the sum of the monthly costs (or averages) of all of the applicable following items:
electricity, gas, fuel oil, other fuels(e.g. wood, coal, kerosene, etc.), garbage and trash, water and sewage, real estate taxes, property insurance, condominium fees, homeowner's association fees, mobile home park fees, land or site rent, other required mobile home fees, rent, mortgage payments, home equity loan payments, other charges included in mortgage payments, and routine maintenance

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Component variables were topcoded before creating this variable. As each component variable was topcoded individually, the number of cases topcoded for each component variable and the level at which they were topcoded varies.
Monthly mortgage payment is not the same as PMT, which includes taxes and insurance.

Household Composition

Data on household composition are collected for all members of the household and describe both individual members and aggregate household demographics. Basic demographic data such as age, sex, and race are available, as well as data on years of education. The variables reflect the answers as stated by the respondent.

Some variables are collected for each individual household member, while other information is only reported as a summary for the household. Summary household variables include total number of people, number of adults, number of children, number of people not related to the head of household or reference person, and number of people 65 years or older. The availability of these summary variables varies from year to year and for metro and national surveys. Any variable can be recreated using the detailed information for each household member. Additional information on household members is contained in the Recent Mover and Income sections.

A person is counted at the usual place of residence for that person. This refers to the place where the person lives and sleeps most of the time. This place is not necessarily the same as legal residence, voting residence, or domicile. Unmarried students temporarily away in another locality to attend school are considered household members, unless they have left home permanently.

Users have asked whether they can track the same person from survey to survey. PLINE (and its equivalent, PERSON) allows users to do this. Users of the file flattener program should <u>not</u> interpret the numbering of household members to be consistent from survey to survey. For example, AGE3 gives the age of the third person in the household, where third is determined at the time the files are flattened, and, therefore, the third person in the 2005 survey may not be the same person as the third person in the 2007 survey. The person with a PLINE value of 4 in 2005 is the same person as the person with a PLINE value of 4 in 2007. In the flattened file, PLINE becomes PLINE1, PLINE2, etc. It is the value of the PLINE variable, not its suffix in the flat file, that tracks persons from survey to survey.

General Household Information

The questions summarizing the household characteristics are usually asked of the “reference person.” The variables in this group provide general information about the household, such as number of people in household, number of people in family, number of children and number of adults. More detailed household level variables can be constructed using person-level variables.

Household: A household consists of all the people who occupy a housing unit whether or not they are related. By definition, the count of households is the same as the count of occupied housing units.

Number of people in household: All people occupying the housing unit are counted. These people include not only occupants related to the reference person but also any lodgers,

roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the reference person.

Subfamily: A subfamily is a multiperson family separate from the reference person. A subfamily is a married couple with or without children, or one parent with one or more of their own single (never married) children living in a household and related to, but not including the reference person or spouse of the reference person. The most common example of a subfamily is a young married couple sharing the home of the husband or wife's parents. FAMTYP identifies the subfamily members and position. FAMNUM identifies subfamily number.

Own children: A child is defined as an "own" child if he or she is a single (never married) son, daughter, stepchild, or adopted child of the reference person. Own children of subfamilies are excluded from the total count of own children, as are foster children.

Relationships

This group of questions is asked of every household member and describes the respondent's relationship to the reference person.

Line number (PLINE1-PLINE16): A line number is assigned to each household member's name as it is written during the interview. Line numbers are consistent from survey to survey, and are not reassigned while the same household is present in the housing unit. For example, if the household as a whole stays in place, but the person on line 4 moves out, and a new baby is born, the baby is assigned a new line number at the end of the list, and no person in the household is assigned line number 4. There is no link between the line number and the reference person. PERSON takes the same values as PLINE.

Reference person (Householder): Family relationships are coded in relation to a "reference person (householder)". The householder is not necessarily the first member listed for the household or even the person with the lowest PLINE value. The householder is determined through the REL variable. REL values of 1 or 2 identify the householder. If no household member occupying the sample unit owns or rents the unit, the householder is the first household member listed who is 18 years old or older, or the first person listed if all household members are under 18.

Relationship: The variable REL provides the relationship code of each person in the household to the reference person. The variable PAR provides the line number of the father or mother of a given household member, if living in the household. If both are present, the line number of the first person listed is entered. The second parent, if present, can be identified by using the variable SPOS, which includes the line number of spouse. These two variables, together with the relationship codes, can be used to determine the composition of a household.

Other relative: This category includes all people related to the reference person by blood, marriage, or adoption except wife, husband, or child of reference person and members of subfamilies.

Nonrelative: A nonrelative of the reference person is any person in the household who is not related to the reference person by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are in this category.

AGE =

Age of person

If using single file version of AHS, this variable becomes: **AGE1-AGE16**
Information for AGE1 variable (head of household) is also stored in: **HHAGE**

0:120 0-120 years old

Type:	Numeric
Edit flag variable:	JAGE
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at 90.
This variable is changed in a number of rare situations to preserve confidentiality.

APPLY =
In 2007 and after:

Was your household assigned to this specific unit or were you allowed to choose it?

1	Household assigned to specific unit
2	Household allowed to choose living quarters
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was your household assigned to this specific {identify unit}, or were you allowed to choose it.

Notes:
Users of APPLY should show great caution as the change in the coding of APPLY between 2005 and 2007 results in a reversal of the meaning of the values of "1" and "2".
In addition, this change coincided with several other changes in the SUBRENT module that could affect the value of APPLY. These changes included a question wording change for APPLY, differences in the questions that are asked before APPLY, differences in the wording of the RENEW question that starts the SUBRENT module, universe changes in who is asked APPLY, the addition of stores that fill APPLY based upon the answers to other questions, and editing changes.
Information on [Unit is part of a public housing authority] is not available on the public use file.

From 1997 through 2005:

How got to live in public housing

1	Applied to management on own
2	Assigned to specific address
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How did you come to live here?
Did you apply on your own to the management here, OR did an agency, such as public housing authority assign this address to you?

Type:	Character
Edit flag variable:	JAPPLY
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is part of a public housing authority] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is not part of a public housing authority] ; OR
3 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
4 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
5 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
6 : [Occupied interview and (Rented or occupied without payment)] AND [Unit is part of a public housing authority] ; OR
7 : [Occupied interview and (Rented or occupied without payment)] AND [Don't know if owned by public housing authority and (Income info required for lease renewal or Refused to disclose if income info required for lease renewal) and DO NOT report income to public housing authority or a state or local housing agency and Unit is not part of a public housing authority] ; OR
8 : [Occupied interview and (Rented or occupied without payment)] AND [Don't know if owned by public housing authority and (Income info NOT required for lease renewal or Don't know if income info required for lease renewal) and Government doesn't subsidize rent for unit or don't know or refused and Unit is not part of a public housing authority] ; OR
9 : [Occupied interview and (Rented or occupied without payment)] AND [Owned by public housing authority] ; OR
10 : [Occupied interview and (Rented or occupied without payment)] AND [Government doesn't subsidize rent for unit and Unit is not part of a public housing authority] ; OR
11 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR
12 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance]

CITSHP =

U.S. Citizenship

If using single file version of AHS, this variable becomes: **CITSHP1-CITSHP16**
Information for CITSHP1 variable (head of household) is also stored in: **HHCITSHP**

1	Native, born in US
2	Native, born in Puerto Rico or US outlying area
3	Native born abroad of US parent(s)
4	Foreign born, US citizen by naturalization
5	Foreign born, not a US citizen
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JITSHP
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

CUSHOM =

How owner obtained unit

1	Buy the house already built
2	Sign a sales agreement that included the land as well as the cost of building the
3	Have a general contractor build it on YOUR OWN LAND (ALSO INCLUDES LEASED LAND)
4	Build it yourself on YOUR OWN LAND
5	Receive it as a gift or inheritance
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How did you obtain this home? Did you-

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Same household members live in unit] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview and Owned] AND [(Apartment building or mobile home)] ; OR
3 : [Occupied interview and Owned] AND [Tenants are not first occupants or Respondent doesn't know if home equity is the first occupant or Refused to answer whether tenant is first occupant or Same household members live in unit] ; OR
4 : [Occupied interview] AND [Not owned] ; OR
5 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

DLINE1 =

Line Number of respondent

1:30	1-30
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	JLINE1
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
To determine if the reference person and the respondent are the same:
1) If DLINE1=PLINE and for that person REL=1 or REL=2, then the respondent is the household reference person.
2) If DLINE1=PLINE and REL>2 then the respondent is not the household reference person.
You can identify the relationship of the respondent based on the REL variable.
3) If DLINE1=B (so no one living in the unit), then check RESPTYP, and that will report the type of respondent.

ELDER =

Number of persons living in household 65 years or older

0	None
1:29	1-29 persons
30	30 or more
B or -6	Not applicable

Long description:
This is a recoded variable based on the ages and the number of people living in the household.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

FAMNUM =
Family number

If using single file version of AHS, this variable becomes: **FAMNUM1-FAMNUM16**

0	Not a family
1	Primary family
2	1st Subfamily
3	2nd Subfamily
4	3rd Subfamily
5	4th Subfamily
6	5th Subfamily
7	6th Subfamily
8	7th Subfamily
9	8th Subfamily

Long description:
This is a recode created during the application of the Current Population Survey (CPS) demographic edits. It indicates whether or not this person belongs to the primary family, a subfamily, or no family within the household. If the person belongs to a family, the recode indicates which family.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

FAMREL =
Family relationship

If using single file version of AHS, this variable becomes: **FAMREL1-FAMREL16**

0	Not in a family
1	Reference person of family
2	Spouse of reference person of family
3	Child of reference person of family
4	Other relative of reference person of family

Long description:
This is a recode created during the application of the Current Population Survey (CPS) demographic edits. It indicates whether or not this person belongs to the primary family, a subfamily, or no family within the household. If the person belongs to a family, the recode indicates what his/her relationship to the reference person is.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

FAMTYP =

Family type

If using single file version of AHS, this variable becomes: **FAMTYP1-FAMTYP16**

1	Primary family
2	Primary individual
3	Related subfamily
4	Unrelated subfamily
5	Secondary individual

Long description:
This is a recode created during the application of the Current Population Survey (CPS) demographic edits. It indicates whether or not this person belongs to the primary family, a subfamily, or no family within the household.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

FRSTHO =
Ever owned home before

1	yes
2	no
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did you ever owned a home before?

Type:	Character
Edit flag variable:	JRSTHO
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview and Owned] AND [Money from sale of previous home was main source of money for down payment] ; OR
3 : [Occupied interview] AND [Not owned] ; OR
4 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

GRAD =

Educational level of person

If using single file version of AHS, this variable becomes: **GRAD1-GRAD16**
Information for GRAD1 variable (head of household) is also stored in: **HHGRAD**

31	Less than 1st grade
32	1st,2nd,3rd or 4th grade
33	5th or 6th grade
34	7th or 8th grade
35	9th grade
36	10th grade
37	11th grade
38	12th grade, no diploma
39	HIGH SCHOOL GRADUATE - high school DIPLOMA or equivalent (For example: GED)
40	Some college but no degree
41	Diploma or certificate from a vocational, technical, trade or business school beyond
42	Associate degree in college - Occupational/vocational program
43	Associate degree in college - Academic program
44	Bachelor's degree (For example: BA, AB, BS)
45	Master's degree (For example: MA, MS, MEng, MEd, MSW, MBA)
46	Professional School Degree (For example: MD, DDS, DVM, LLB, JD)
47	Doctorate degree (For example: PhD, EdD)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What is the highest level of school education this person completed or the highest degree this person received?

Type:	Numeric
Edit flag variable:	JGRAD
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Not asked for persons under the age of 14.

HCARE =

Household has a member with self-care disability (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone in this household have serious difficulty dressing or bathing?

Type:	Character
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

HDSB =

Household has a disabled person (recode)

1	Yes
2	No
B or -6	Not applicable
N	Not reported (There were no positive responses to the P-variables related to disabilities and there was at least one *Don't know* or *Refused*.)

Type:	Character
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The HDSB variable is a recode that uses all of the household level disability variables. It has values of '1' and '2' for houses that have a person with a disability or don't have a person with a disability respectively. The Census Bureau needed a code to represent cases that had no positive disability responses, but at least one "don't know" and/or refusal for the purposes of the tables. These are cases that fit into neither the "has a disability" nor the "has no disability" rows because they have at least one disability not reported and no positive responses. The value "N" is used for these cases.

HERE =

Nonrelative is present

If using single file version of AHS, this variable becomes: **HERE1-HERE16**

1	Yes
2	No
B or -6	Not applicable

Long description:
I have a few questions that I would like to ask (a nonrelative).
Is s/he here now?

Type:	Character
Edit flag variable:	JHERE
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [(Answered if nonrelative is present and Person is a relative of reference person)]

HERRND =

Household has a member with go-outside-home disability (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

HHAGE =
Age of householder

Information for this variable is also stored in: **AGE1**

0:120	0-120 years old

Type:	Numeric
Edit flag variable:	JHHAGE
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at 90.
This variable is changed in a number of rare event situations.

HHCITSHP =
US Citizenship of householder

Information for this variable is also stored in: **CITSHP1**

1	Native, born in US
2	Native, born in Puerto Rico or US outlying area
3	Native born abroad of US parent(s)
4	Foreign born, US citizen by naturalization
5	Foreign born, not a US citizen
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JHHITSHP
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HHEAR =
Household has a member with hearing disability (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

HHGRAD =

Education level of householder

Information for this variable is also stored in: **GRAD1**

31	Less than 1st grade
32	1st, 2nd, 3rd or 4th grade
33	5th or 6th grade
34	7th or 8th grade
35	9th grade
36	10th grade
37	11th grade
38	12th grade
39	High School Graduate - High School Diploma or equivalent (For Ex: GED)
40	Some college but no degree
41	Diploma or certificate from a vocational, technical, trade business school beyond high school
42	Associate degree in college - Occupational/vocational program
43	Associate degree in college - Academic program
44	Bachelor's degree (For Ex: BA, AB, BS)
45	Master's Degree (For Ex: MA, MS, Meng, Med, MSW, MBA)
46	Professional School Degree (For Ex: MD, DDS, DVM, LLB, JD)
47	Doctorate Degree (For Ex: PhD, EdD)
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Type:	Numeric
Edit flag variable:	JHHGRAD
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HHINUSYR =

Year householder came to US

Information for this variable is also stored in: **INUSYR1**

1911:2013	1911-2013
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Type:	Numeric
Edit flag variable:	JHHNUSYR
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
When tabulating this variable from the Public Use File, there may be slight differences from those in published tables. This variable is changed in a number of rare situations to preserve confidentiality and consistency with other demographic variables.

HHKIDU18 =

Number of householder's children under 18 years

0	None
1:29	1-29 persons
30	30 or more
B or -6	Not applicable

Long description:
This is a recoded variable based on the ages, relationship, and the number of people living in the household.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHLDKID =

Number of householder's children (any age)

0	None
1:29	1-29 persons
30	30 or more
B or -6	Not applicable

Long description:
This is a recoded variable based on the ages, relationship, and the number of people living in the household.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHMAR =

Marital status of householder

Information for this variable is also stored in: **MAR1**

1	Married, Spouse Present
2	Married, Spouse Absent
3	Widowed
4	Divorced
5	Separated
6	Never married
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JHHMAR
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HHNATVTY =
Country of birth of householder

Information for this variable is also stored in: **NATVTY1**

57	United States
72	Puerto Rico
96	Outlying Area of the US
109	France
110	Germany
117	Hungary
119	Ireland/Eire
120	Italy
128	Poland
147	Yugoslavia
185	Armenia
192	Russia
195	Ukraine
202	Bangladesh
206	Cambodia
207	China
209	Hong Kong
210	India
211	Indonesia
212	Iran
213	Iraq
214	Israel
215	Japan
218	Korea/South Korea
221	Laos
222	Lebanon
229	Pakistan
231	Philippines
238	Taiwan
239	Thailand
242	Vietnam
301	Canada
311	Costa Rica
312	El Salvador
313	Guatemala
314	Honduras
315	Mexico
316	Nicaragua
337	Cuba
339	Dominican Republic
342	Haiti
343	Jamaica
351	Trinidad and Tobago
375	Argentina
377	Brazil
379	Colombia
380	Ecuador
383	Guyana

385	Peru
440	Nigeria
555	Elsewhere
610	Other North and Central America
611	Other Caribbean
620	Other South America
640	Other Africa
641	North Africa
650	Other Europe
651	Portugal with Azores
652	Great Britain
653	Scandinavia
654	Other Northern Europe
660	Other Asia
661	Other Middle East
670	Australia/Oceania
B or -6	Not applicable

Type:	Character
Edit flag variable:	JHHATVTY
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HHPAR =

Line number of parent of householder

1:30	1-30
Blank or -9	Not reported

Long description:
This is a recoded variable indicating line number of the householder's parent.

Type:	Character
Edit flag variable:	JHHPAR
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPCARE =

Householder has difficulty dressing or bathing

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
This is a recoded variable indicating householder's status on this difficulty.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPERRND =

Householder has difficulty doing errands

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
This is a recoded variable indicating householder's status on this difficulty.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPHEAR =

Householder has difficulty hearing

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
This is a recoded variable indicating householder's status on this difficulty.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPLINE =

Line number of householder

Information for this variable is also stored in: **PLINE1**

1:30	1-30

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The householder is not necessarily the first member listed for the household or even the person with the lowest PLINE value. The householder is determined through the REL variable. REL values of 1 or 2 identify the householder. PLINE is not on the JTW file for 2005 but PERSON is. PERSON and PLINE take the same values.

HHPMEMRY =

Householder has difficulty concentrating or remembering

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
This is a recoded variable indicating householder's status on this difficulty.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPSEE =

Householder has difficulty seeing

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
This is a recoded variable indicating householder's status on this difficulty.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPWALK =
Householder has difficulty walking or climbing stairs

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
This is a recoded variable indicating householder's status on this difficulty.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHRACE =

Race of householder

Information for this variable is also stored in: **RACE1**

01	White Only
02	Black Only
03	American Indian, Alaskan Native Only
04	Asian Only
05	Hawaiian, Pacific Islander Only
06	White / Black
07	White / American Indian, Alaska Native
08	White / Asian
09	White / Hawaiian, Pacific Islander
10	Black / American Indian, Alaska Native
11	Black / Asian
12	Black / Hawaiian, Pacific Islander
13	American Indian, Alaska Native / Asian
14	Asian / Hawaiian, Pacific Islander
15	White / Black / American Indian, Alaska Native
16	White / Black / Asian
17	White / American Indian, Alaska Native / Asian
18	White / Asian/Hawaiian, Pacific Islander
19	White / American Indian, Alaska Native / Asian
20	Other combinations of 2 or 3 races
21	Other combinations of 4 or 5 races

Type:	Character
Edit flag variable:	JHHRACE
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HHREL =

Relationship of householder to household

Information for this variable is also stored in: **REL1**

1	Reference person with relatives in household
2	Reference person without relatives in household
20	Spouse (husband/wife)
22	Child of reference person
23	Grandchild of reference person
24	Parent of reference person
25	Sibling (brother/sister) of reference person
26	Other relative of reference person
31	Unmarried partner (with own relatives)
32	Unmarried partner (without own relatives)
33	House/roommate (with own relatives)
34	House/roommate (without own relatives)
35	Roomer/boarder (with own relatives)
36	Roomer/boarder (without own relatives)
37	Other nonrelative (with own relatives)
38	Other nonrelative (without own relatives)

Type:	Numeric
Edit flag variable:	JHHREL
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The householder is not necessarily the first member listed for the household or even the person with the lowest PLINE value. The householder is determined through the REL variable. REL values of 1 or 2 identify the householder.

HHSEX =

Sex of householder

Information for this variable is also stored in: **SEX1**

1	Male
2	Female

Type:	Character
Edit flag variable:	JHHSEX
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HHSPAN =

Spanish origin of householder

Information for this variable is also stored in: **SPAN1**

1	Yes
2	No

Type:	Character
Edit flag variable:	JHHSPAN
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HHSPOS =

Line number of spouse of householder

Information for this variable is also stored in: **SPOS1**

1:30	1-30
. or -9	Not reported

Type:	Numeric
Edit flag variable:	JHHSPOS
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HHTEN =

Householder is owner/renter of unit

Information for this variable is also stored in: **TEN1**

1	Yes
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HHWLINEQ =

Householder worked at all last week

Information for this variable is also stored in: **WLINEQ1**

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

HMEMRY =

Household has a member with memory disability (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

HSEE =

Household has a member with seeing disability (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone in this household have serious difficulty seeing, even when wearing glasses?

Type:	Character
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

HWALK =

Household has a member with walking disability (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone in this household have serious difficulty walking or climbing stairs?

Type:	Character
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

INUSYR =
Year came to U.S.

If using single file version of AHS, this variable becomes: **INUSYR1-INUSYR16**
Information for INUSYR1 variable (head of household) is also stored in: **HHINUSYR**

1911:2013	1911-2013
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Type:	Numeric
Edit flag variable:	JNUSYR
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
When tabulating this variable from the Public Use File, there may be slight differences from those in published tables. This variable is changed in a number of rare situations to preserve confidentiality and consistency with other demographic variables.
Prior to 2011 this variable may have been bottomcoded at (survey year - 90)

KIDU18 =
Number of persons living in household 17 years or younger

0	None
1:29	1-29 persons
30	30 or more
B or -6	Not applicable

Long description:
This is a recoded variable based on the ages and the number of people living in the household.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

LANG =

Language of interview

1	English
2	Spanish
3	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In what language was the interview conducted?

Type:	Character
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Marked for all Occupied, Vacant, and URE interviews.

LIVEAT =

Everyone in household lives or eats together

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do all the persons in this household live or eat together?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA

Conditions not in universe:
1 : [Noninterview] AND [(Type C noninterview)]

LONGIT =
Characteristics of household in 70/80/90

01	01 - family income less than $3,000, 1 person in family, owned HU
02	02 - family income less than $3,000, 1 person in family, rented HU
03	03 - family income less than $3,000, 2 persons in family, rented HU
04	04 - family income less than $3,000, 2 persons in family, owned HU
05	05 - family income less than $3,000, 3 persons in family, owned HU
06	06 - family income less than $3,000, 3 persons in family, rented HU
07	07 - family income less than $3,000, 4 persons in family, rented HU
08	08 - family income less than $3,000, 4 persons in family, owned HU
09	09 - family income less than $3,000, 5 or more persons in family, owned HU
10	10 - family income less than $3,000, 5 or more persons in family, rented HU
11	11 - family income $3,000 - $5,999, 5 or more persons in family, rented HU
12	12 - family income $3,000 - $5,999, 5 or more persons in family, owned HU
13	13 - family income $3,000 - $5,999, 4 persons in family, owned HU
14	14 - family income $3,000 - $5,999, 4 persons in family, rented HU
15	15 - family income $3,000 - $5,999, 3 persons in family, rented HU
16	16 - family income $3,000 - $5,999, 3 persons in family, owned HU
17	17 - family income $3,000 - $5,999, 2 persons in family, owned HU
18	18 - family income $3,000 - $5,999, 2 persons in family, rented HU
19	19 - family income $3,000 - $5,999, 1 person in family, rented HU
20	20 - family income $3,000 - $5,999, 1 person in family, owned HU
21	21 - family income $6,000 - $9,999, 1 person in family, owned HU
22	22 - family income $6,000 - $9,999, 1 person in family, rented HU
23	23 - family income $6,000 - $9,999, 2 persons in family, rented HU
24	24 - family income $6,000 - $9,999, 2 persons in family, owned HU
25	25 - family income $6,000 - $9,999, 3 persons in family, owned HU
26	26 - family income $6,000 - $9,999, 3 persons in family, rented HU
27	27 - family income $6,000 - $9,999, 4 persons in family, rented HU
28	28 - family income $6,000 - $9,999, 4 persons in family, owned HU
29	29 - family income $6,000 - $9,999, 5 or more persons in family, owned HU
30	30 - family income $6,000 - $9,999, 5 or more persons in family, rented HU
31	31 - family income $10,000 - $14,999, 5 or more persons in family, rented HU
32	32 - family income $10,000 - $14,999, 5 or more persons in family, owned HU
33	33 - family income $10,000 - $14,999, 4 persons in family, owned HU
34	34 - family income $10,000 - $14,999, 4 persons in family, rented HU
35	35 - family income $10,000 - $14,999, 3 persons in family, rented HU
36	36 - family income $10,000 - $14,999, 3 persons in family, owned HU
37	37 - family income $10,000 - $14,999, 2 persons in family, owned HU
38	38 - family income $10,000 - $14,999, 2 persons in family, rented HU
39	39 - family income $10,000 - $14,999, 1 person in family, rented HU
40	40 - family income $10,000 - $14,999, 1 person in family, owned HU
41	41 - family income $15,000 or more, 1 person in family, owned HU
42	42 - family income $15,000 or more, 1 person in family, rented HU
43	43 - family income $15,000 or more, 2 persons in family, rented HU
44	44 - family income $15,000 or more, 2 persons in family, owned HU
45	45 - family income $15,000 or more, 3 persons in family, owned HU
46	46 - family income $15,000 or more, 3 persons in family, rented HU
47	47 - family income $15,000 or more, 4 persons in family, rented HU
48	48 - family income $15,000 or more, 4 persons in family, owned HU
49	49 - family income $15,000 or more, 5 or more persons in family, owned HU
50	50 - family income $15,000 or more, 5 or more persons in family, rented HU

51	51 - low value vacants (rent less than $80 or value less than $15,000)
52	52 - medium value vacants (rent $80 - $119 or value $15,000 - $24,999)
53	53 - high value vacants (rent $120 or more or value $25,000 or more)
54	54 - residual vacants (those not for sale or for rent; includes seasonal and migratory vacants
55	55 - housing unit in group quarters
56	56 - other group quarters which was not a housing unit in 1970, but became a housing unit since
101	101 - rented HU, contract rent less than $100, 1-3 rooms in HU
102	102 - rented HU, contract rent less than $100, 4 or 5 rooms in HU
103	103 - rented HU, contract rent less than $100, 6 or more rooms in HU
104	104 - rented HU, contract rent $100 - $149, 6 or more rooms in HU
105	105 - rented HU, contract rent $100 - $149, 4 or 5 rooms in HU
106	106 - rented HU, contract rent $100 - $149, 1-3 rooms in HU
107	107 - rented HU, contract rent $150 - $199, 1-3 rooms in HU
108	108 - rented HU, contract rent $150 - $199, 4 or 5 rooms in HU
109	109 - rented HU, contract rent $150 - $199, 6 or more rooms in HU
110	110 - rented HU, contract rent $200 - $249, 6 or more rooms in HU
111	111 - rented HU, contract rent $200 - $249, 4 or 5 rooms in HU
112	112 - rented HU, contract rent $200 - $249, 1-3 rooms in HU
113	113 - rented HU, contract rent $250 - $299, 1-3 rooms in HU
114	114 - rented HU, contract rent $250 - $299, 4 or 5 rooms in HU
115	115 - rented HU, contract rent $250 - $299, 6 or more rooms in HU
116	116 - rented HU, contract rent $300 - $349, 6 or more rooms in HU
117	117 - rented HU, contract rent $300 - $349, 4 or 5 rooms in HU
118	118 - rented HU, contract rent $300 - $349, 1-3 rooms in HU
119	119 - rented HU, contract rent $350 - $399, 1-3 rooms in HU
120	120 - rented HU, contract rent $350 - $399, 4 or 5 rooms in HU
121	121 - rented HU, contract rent $350 - $399, 6 or more rooms in HU
122	122 - rented HU, contract rent $400 or more, 6 or more rooms in HU
123	123 - rented HU, contract rent $400 or more, 4 or 5 rooms in HU
124	124 - rented HU, contract rent $400 or more, 1-3 rooms in HU
125	125 - rented HU, contract rent N/A, 1-3 rooms in HU
126	126 - rented HU, contract rent N/A, 4 or 5 rooms in HU
127	127 - rented HU, contract rent N/A, 6 or more rooms in HU
128	128 - owned HU, value less than $20,000, 6 or more rooms in HU
129	129 - owned HU, value less than $20,000, 4 or 5 rooms in HU
130	130 - owned HU, value less than $20,000, 1-3 rooms in HU
131	131 - owned HU, value $20,000 - $29,999, 1-3 rooms in HU
132	132 - owned HU, value $20,000 - $29,999, 4 or 5 rooms in HU
133	133 - owned HU, value $20,000 - $29,999, 6 or more rooms in HU
134	134 - owned HU, value $30,000 - $34,999, 6 or more rooms in HU
135	135 - owned HU, value $30,000 - $34,999, 4 or 5 rooms in HU
136	136 - owned HU, value $30,000 - $34,999, 1-3 rooms in HU
137	137 - owned HU, value $35,000 - $39,999, 1-3 rooms in HU
138	138 - owned HU, value $35,000 - $39,999, 4 or 5 rooms in HU
139	139 - owned HU, value $35,000 - $39,999, 6 or more rooms in HU
140	140 - owned HU, value $40,000 - $49,999, 6 or more rooms in HU
141	141 - owned HU, value $40,000 - $49,999, 4 or 5 rooms in HU
142	142 - owned HU, value $40,000 - $49,999, 1-3 rooms in HU
143	143 - owned HU, value $50,000 - $64,999, 1-3 rooms in HU
144	144 - owned HU, value $50,000 - $64,999, 4 or 5 rooms in HU
145	145 - owned HU, value $50,000 - $64,999, 6 or more rooms in HU

146	146 - owned HU, value $65,000 - $79,999, 6 or more rooms in HU
147	147 - owned HU, value $65,000 - $79,999, 4 or 5 rooms in HU
148	148 - owned HU, value $65,000 - $79,999, 1-3 rooms in HU
149	149 - owned HU, value $80,000 - $99,999, 1-3 rooms in HU
150	150 - owned HU, value $80,000 - $99,999, 4 or 5 rooms in HU
151	151 - owned HU, value $80,000 - $99,999, 6 or more rooms in HU
152	152 - owned HU, value $100,000 - $149,999, 6 or more rooms in HU
153	153 - owned HU, value $100,000 - $149,999, 4 or 5 rooms in HU
154	154 - owned HU, value $100,000 - $149,999, 1-3 rooms in HU
155	155 - owned HU, value $150,000 or more, 1-3 rooms in HU
156	156 - owned HU, value $150,000 or more, 4 or 5 rooms in HU
157	157 - owned HU, value $150,000 or more, 6 or more rooms in HU
158	158 - owned HU, value N/A, 6 or more rooms in HU
159	159 - owned HU, value N/A, 4 or 5 rooms in HU
160	160 - owned HU, value N/A, 1-3 rooms in HU
161	161 - institutionalized group quarters
162	162 - noninstitutionalized group quarters
201	201 - rented HU, 1-3 rooms in HU, no cash rent
202	202 - rented HU, 1-3 rooms in HU, rent less than $80
203	203 - rented HU, 1-3 rooms in HU, rent $80 - $124
204	204 - rented HU, 1-3 rooms in HU, rent $125 - $174
205	205 - rented HU, 1-3 rooms in HU, rent $175 - $224
206	206 - rented HU, 1-3 rooms in HU, rent $225 - $274
207	207 - rented HU, 1-3 rooms in HU, rent $275 - $324
208	208 - rented HU, 1-3 rooms in HU, rent $325 - $374
209	209 - rented HU, 1-3 rooms in HU, rent $375 - $424
210	210 - rented HU, 1-3 rooms in HU, rent $425 - $474
211	211 - rented HU, 1-3 rooms in HU, rent $475 - $524
212	212 - rented HU, 1-3 rooms in HU, rent $525 - $549
213	213 - rented HU, 1-3 rooms in HU, rent $550 - $599
214	214 - rented HU, 1-3 rooms in HU, rent $600 - $649
215	215 - rented HU, 1-3 rooms in HU, rent $650 - $699
216	216 - rented HU, 1-3 rooms in HU, rent $700 - $749
217	217 - rented HU, 1-3 rooms in HU, rent $750 - $999
218	218 - rented HU, 1-3 rooms in HU, rent $1,000 or more
219	219 - rented HU, 4 rooms in HU, rent $1,000 or more
220	220 - rented HU, 4 rooms in HU, rent $750 - $999
221	221 - rented HU, 4 rooms in HU, rent $700 - $749
222	222 - rented HU, 4 rooms in HU, rent $650 - $699
223	223 - rented HU, 4 rooms in HU, rent $600 - $649
224	224 - rented HU, 4 rooms in HU, rent $550 - $599
225	225 - rented HU, 4 rooms in HU, rent $525 - $549
226	226 - rented HU, 4 rooms in HU, rent $475 - $524
227	227 - rented HU, 4 rooms in HU, rent $425 - $474
228	228 - rented HU, 4 rooms in HU, rent $375 - $424
229	229 - rented HU, 4 rooms in HU, rent $325 - $374
230	230 - rented HU, 4 rooms in HU, rent $275 - $324
231	231 - rented HU, 4 rooms in HU, rent $225 - $274
232	232 - rented HU, 4 rooms in HU, rent $175 - $224

Long description:
This variable describes the household which lived in this unit in 1970 for the sample cases which were selected from the 1970 Census, the household that lived in this unit in 1980 for the sample cases which

were selected from the 1980 Census, or the household that lived in this unit in 1990 for the sample cases selected from the 1990 Census. This household may not be the same as the household living in this unit at the time of the interview. If the unit was vacant in 1970, 1980, or 1990, the variable provides information about the vacancy of the unit in that year. The codes for cases selected from the 1970 Census are 01-56. The codes for cases selected from the 1980 Census are 101-162. The codes for cases selected from the 1990 Census are 201-391.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	toppuf
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 2003N, 2004MSA

Notes:
Variable may be changed and/or suppressed in the Metro survey to comply with 100,000 population rule.

MAR =

Marital status of person

If using single file version of AHS, this variable becomes: **MAR1-MAR16**
Information for MAR1 variable (head of household) is also stored in: **HHMAR**

1	Married, SPOUSE PRESENT
2	Married, SPOUSE ABSENT
3	Widowed
4	Divorced
5	Separated
6	Never married
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are you now married,
widowed, divorced, separated, or never married?

Type:	Character
Edit flag variable:	JMAR
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Not asked for persons under the age of 14.

MOVEDLY =
Householder moved in last year

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable based on the year the householder last moved.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

NATVTY =
Country of birth

If using single file version of AHS, this variable becomes: **NATVTY1-NATVTY16**
Information for NATVTY1 variable (head of household) is also stored in: **HHNATVTY**

57	United States
72	Puerto Rico
96	Outlying Area of the US
109	France
110	Germany
117	Hungary
119	Ireland/Eire
120	Italy
128	Poland
147	Yugoslavia
185	Armenia
192	Russia
195	Ukraine
202	Bangladesh
206	Cambodia
207	China
209	Hong Kong
210	India
211	Indonesia
212	Iran
213	Iraq
214	Israel
215	Japan
218	Korea/South Korea
221	Laos
222	Lebanon
229	Pakistan
231	Philippines
238	Taiwan
239	Thailand
242	Vietnam
301	Canada
311	Costa Rica
312	El Salvador
313	Guatemala
314	Honduras
315	Mexico
316	Nicaragua
337	Cuba
339	Dominican Republic
342	Haiti
343	Jamaica
351	Trinidad and Tobago
375	Argentina
377	Brazil
379	Colombia
380	Ecuador

383	Guyana
385	Peru
440	Nigeria
555	Elsewhere
610	Other North and Central America
611	Other Caribbean
620	Other South America
640	Other Africa
641	North Africa
650	Other Europe
651	Portugal with Azores
652	Great Britain
653	Scandinavia
654	Other Northern Europe
660	Other Asia
661	Other Middle East
670	Australia/Oceania

Type:	Character
Edit flag variable:	JATVTY
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Ethnic and/or political affiliations are collapsed into broad categories.

NONREL =

Number of non-relatives in household

0	None
1:29	1-29 persons
30	30 or more
B or -6	Not applicable

Long description:
This is a recoded variable based on the relationship and the number of people living in the household.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

NOSTEP =

Entrance accessible w/o steps or stairs

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2011, 2013N, 2013MSA

NROWNR =

Ownership shared w/ person not living here

1	yes
2	no
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is the ownership of the unit shared with anyone NOT living here?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(NOT 'for rent or for sale' and NOT For sale only and NOT 'sold, but not yet occupied') or (((For rent or for sale or for sale only) or Sold, but not yet occupied) and Ownership of unit time shared or don't know or refused)] ; OR
2 : [Occupied interview and (Rented or occupied without payment)] AND [(Mobile home)] ; OR
3 : [Occupied interview and (Rented or occupied without payment)] AND [(NOT mobile home)] ; OR
4 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

NRPAYM =

Person not living here help pay mortgage/util

1	yes
2	no
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone not living here pay some of the mortgage or utility costs?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(NOT 'for rent or for sale' and NOT For sale only and NOT 'sold, but not yet occupied') or (((For rent or for sale or for sale only) or Sold, but not yet occupied) and Ownership of unit time shared or don't know or refused)] ; OR
2 : [Occupied interview and (Rented or occupied without payment)] AND [(Mobile home)] ; OR
3 : [Occupied interview and (Rented or occupied without payment)] AND [(NOT mobile home)] ; OR
4 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

PAR =

Line number of parent of person

If using single file version of AHS, this variable becomes: **PAR1-PAR16**

1:30	1-30
. or -9	Not reported

Type:	Numeric
Edit flag variable:	JPAR
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

PCARE =

Has self-care disability

If using single file version of AHS, this variable becomes: **PCARE1-PCARE16**

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone in this household have serious difficulty dressing or bathing?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

PER =

Number of persons in household

1:30	1-30 persons
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

PERRND =

Has go-outside-home disability

If using single file version of AHS, this variable becomes: **PERRND1-PERRND16**

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Please answer this next question for all household members who are 15 years or over. Because of a physical, mental, or emotional condition, does anyone in this household have difficulty doing errands alone such as visiting a doctor's office or shopping?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

PERSINT =

Personal/telephone interview

1	Personal visit
2	Telephone interview

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

PERSON =

Line number of person

If using single file version of AHS, this variable becomes: **PERSON1-PERSON16**

1:30 1-30

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 1998, in PERSON module.

The householder is not necessarily the first member listed for the household or even the person with the lowest PLINE value. The householder is determined through the REL variable. REL values of 1 or 2 identify the householder. PERSON and PLINE take the same values.

PHEAR =

Has hearing disability

If using single file version of AHS, this variable becomes: **PHEAR1-PHEAR16**

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are you deaf or do you have serious hearing difficulty?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

PLINE =
Line number of person

If using single file version of AHS, this variable becomes: **PLINE1-PLINE16**
Information for PLINE1 variable (head of household) is also stored in: **HHPLINE**

1:30 1-30

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The householder is not necessarily the first member listed for the household or even the person with the lowest PLINE value. The householder is determined through the REL variable. REL values of 1 or 2 identify the householder. PLINE is not on the JTW file for 2005 but PERSON is. PERSON and PLINE take the same values.

PMEMRY =
Has memory disability

If using single file version of AHS, this variable becomes: **PMEMRY1-PMEMRY16**

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Because of a physical, mental, or emotional condition, does anyone in this household have serious difficulty concentrating, remembering, or making decisions?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

PSEE =
Has seeing disability

If using single file version of AHS, this variable becomes: **PSEE1-PSEE16**

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are you blind or do you have serious difficulty seeing, even when wearing glasses?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

PWALK =
Has walking disability

If using single file version of AHS, this variable becomes: **PWALK1-PWALK16**

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone in this household have serious difficulty walking or climbing stairs?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2009N, 2009MSA, 2011, 2013N, 2013MSA

RACE =

Race of person

If using single file version of AHS, this variable becomes: **RACE1-RACE16**
Information for RACE1 variable (head of household) is also stored in: **HHRACE**

01	White Only
02	Black Only
03	American Indian, Alaskan Native Only
04	Asian Only
05	Hawaiian, Pacific Islander Only
06	White / Black
07	White / American Indian, Alaska Native
08	White / Asian
09	White / Hawaiian, Pacific Islander
10	Black / American Indian, Alaska Native
11	Black / Asian
12	Black / Hawaiian, Pacific Islander
13	American Indian, Alaska Native / Asian
14	Asian / Hawaiian, Pacific Islander
15	White / Black / American Indian, Alaska Native
16	White / Black / Asian
17	White / American Indian, Alaska Native / Asian
18	White / Asian/Hawaiian, Pacific Islander
19	White / Black / American Indian, Alaska Native / Asian
20	Other combinations of 2 or 3 races
21	Other combinations of 4 or 5 races

Long description:
What is the person's race?

Type:	Character
Edit flag variable:	JRACE
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In surveys prior to FY2003, the RACE codes are as follows:
1 = White
2 = Black
3 = American Indian, Aleut, or Eskimo
4 = Asian or Pacific Islander
5 = Other Race
In surveys prior to 2005, the RACE code read as follows:
19 = White / American Indian, Alaska Native / Asian
In 2005, this was changed to add Black

REL =

Relationship of person to reference person

If using single file version of AHS, this variable becomes: **REL1-REL16**
Information for REL1 variable (head of household) is also stored in: **HHREL**

1	Reference person with relatives in household
2	Reference person without relatives in household
20	Spouse (husband/wife)
22	Child of reference person
23	Grandchild of reference person
24	Parent of reference person
25	Sibling (brother/sister) of reference person
26	Other relative of reference person
31	Unmarried partner (with own relatives)
32	Unmarried partner (without own relatives)
33	House/roommate (with own relatives)
34	House/roommate (without own relatives)
35	Roomer/boarder (with own relatives)
36	Roomer/boarder (without own relatives)
37	Other nonrelative (with own relatives)
38	Other nonrelative (without own relatives)

Long description:
What is this person's relationship to reference person?

Type:	Numeric
Edit flag variable:	JREL
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The householder is not necessarily the first member listed for the household or even the person with the lowest PLINE value. The householder is determined through the REL variable. REL values of 1 or 2 identify the householder.

REMP =
Employed by household

1	Yes
2	No

Long description:
Is this person an employee of the household?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

RESPTYP =
Type of respondent

1:6	1-6
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
FR:MARK WITHOUT ASKING
What type of respondent is this?
(1) Owner
(2) Manager
(3) Neighbor
(4) Real Estate Agent
(5) URE Occupant
(6) Other

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2001 there was no "URE Occupant" category and category 5 was "Other."

Conditions not in universe:
1 : [Occupied interview] AND [(NOT URE interview or vacant interview)] ; OR
2 : [Noninterview]

SAMEHH =

Same household members live in unit

1	Yes
2	No
3	Don't know
Blank or -9	Not reported

Long description:
Same household members lived in unit for previous enumeration?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The conversion to automated interviewing in 1997 introduced some flaws into the SAMEHH variable that have continued to occur in subsequent surveys.
Comparing data across years using SAMEHH does not yield accurate results. A partial fix is to check STATUS in the preceding year.
To obtain better results, Census suggests that alternate variables such as MOVE or AGE may be useful.

SAMEHH2 =

Same household members live in unit (recode)

1	Same household (SAMEHH=1) and current year and prior year are regular interviews
2	Different household (SAMEHH=2) and current year and prior year are regular interviews
3	Occupied and don't know if same household (SAMEHH=3) and current year and prior year are regular interviews
4	New household, current year is regular interviews, prior year is URE or vacant interview
5	New household, current year is regular interview, prior year is non-interview or unit is new to sample
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

SCHHO =

Children in household schooled at home

X	Home schooled
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Do children attend a public school or a private school?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1: [NOT occupied interview]; OR
2: [Occupied interview] AND [No hh member ages 5 thru 15]

SCHNO =

Nobody in household attends school

X	Does not attend school
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Does anyone in household attend a public school or a private school?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

SCHOTH =

Someone in household attends other type of school

X	Other school (ungraded schools, special schools, preschools, early learning centers,
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Does anyone in household attend a public school or a private school?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

SCHPRI =

Someone in household attends private school

X	Private school (K-12)
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Does anyone in household attend a public school or a private school?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

SCHPUB =

Someone in household attends public school

X	Public school (K-12)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone in household attend a public school or a private school?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

SEX =

Sex of person

If using single file version of AHS, this variable becomes: **SEX1-SEX16**
Information for SEX1 variable (head of household) is also stored in: **HHSEX**

1	Male
2	Female

Long description:
What is the sex of this person: Male or Female?

Type:	Character
Edit flag variable:	JSEX
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

SNITEV =

Number of nights owner spends at vacant/URE unit

1	0-2 nights
2	3-7 nights
3	8 or more nights
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In the past year, how many nights did the owner(s) stay in this vacant/URE unit?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

SPAN =

Spanish origin of person

If using single file version of AHS, this variable becomes: **SPAN1-SPAN16**
Information for SPAN1 variable (head of household) is also stored in: **HHSPAN**

1	Yes
2	No

Long description:
Is this person Hispanic or Spanish-American?

Type:	Character
Edit flag variable:	JSPAN
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

SPOS =

Line number of spouse of person

If using single file version of AHS, this variable becomes: **SPOS1-SPOS16**
Information for SPOS1 variable (head of household) is also stored in: **HHSPOS**

1:30	1-30
. or -9	Not reported

Type:	Numeric
Edit flag variable:	JSPOS
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

STATUS =

Interview status

1	Occupied interview
2	URE (Usual Residence Elsewhere) interview
3	Vacant interview
4	Noninterview

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

TEN =

This person is owner/renter of unit

If using single file version of AHS, this variable becomes: **TEN1-TEN16**
Information for TEN1 variable (head of household) is also stored in: **HHTEN**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JTEN
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In the 1999 National data, some of the values of TEN are coded '1' when they should be coded 'X.'

WHDY =

Number of days worked at home

If using single file version of AHS, this variable becomes: **WHDY1-WHDY16**

0:7	0-7 Days
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How many separate days last week did this person work at home instead of traveling to work?

Type:	Character
Edit flag variable:	JWHDY
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

WHHRB =

hours worked at home (self-employed)

If using single file version of AHS, this variable becomes: **WHHRB1-WHHRB16**

1:168 1-168 Hours

Long description:
Last week, how many hours did this person work at home as a self-employed person or contract worker or business owner?

Type:	Numeric
Edit flag variable:	JWHHRB
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

WHHRW =

hours worked at home (wage & salary)

If using single file version of AHS, this variable becomes: **WHHRW1-WHHRW16**

0:168 0-168 Hours

Long description:
Last week, how many hours did this person work at home on a wage or salary job?

Type:	Numeric
Edit flag variable:	JWHHRW
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

WHOME =

Work at home for employer

If using single file version of AHS, this variable becomes: **WHOME1-WHOME16**

1	Yes
2	No
D or -7	Don't know
R or -8	Refused

Long description:
Last week, did this person do any of the regularly scheduled work for the employer at home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

WINUS =

Place of work outside the U.S.

If using single file version of AHS, this variable becomes: **WINUS1-WINUS16**

1	Place of work outside of U.S.
9	Work inside U.S. or Not Applicable

Long description:
In what City, State, Zip code, and county did this person work last week?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

WLINEQ =
Work at all last week

If using single file version of AHS, this variable becomes: **WLINEQ1-WLINEQ16**
Information for WLINEQ1 variable (head of household) is also stored in: **HHWLINEQ**

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did this person work at any time last week?
(DO NOT COUNT A PERSON AS WORKING IF HE/SHE WAS ABSENT FROM WORK ALL LAST WEEK DUE TO ILLNESS, VACATION, STRIKE, LAYOFF, ETC.)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

ZADULT =
Number of adults 18+ in household

0:10	0-10 adults
11	11 adults or more
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded but users can also add all of the people in household.
Topcoded at 11. Listed topcode appears on microdata.

ZMVGRP =
Total Number of mover groups in the household

0:4	0:4
B or -6	Not applicable

Long description:
Total number of mover groups in the household

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Income

Data on income are available at various levels of detail: individual household member income, relative/non-relative income, family income, and household income. The term “family” means the reference person and anyone else in the household related to the reference person. Data are available for total income, as well as individual income and assets components such as wages, social security, pensions, welfare, alimony, estates and interest income. This section also includes variables on subsidies received by the family (housing subsidies, energy subsidies, food stamps) and on contributions towards rent made by non-relatives living in the unit.

Notes:

Accounting Period: There may be significant differences in the income data among the AHS, other surveys, and Decennial Census. For example, the time period for income data in the AHS refers to the 12 months before the interview. Other income data generally refer to the calendar year before the date of the interview. Additional differences in the income date may be attributed to the various ways income questions are asked. Because the AHS questions refer to the last 12 months, there may be some inconsistencies in the way respondents provide income information within the AHS. The interviews are conducted in the spring and summer of the survey year. Some respondents may provide information based on their last income tax return, while others may give answers based on their current income tax return, while still others may give answers based on their current income. Income includes a full year of income for all current members, even if they did not live in the household all year.

Wages and salaries: In all years, wages and salaries are reported separately for each family member (SAL1-SAL15). Similarly, sources of family income other than wages are available in all years. The level of detail in reporting income amounts from other sources and income of non-relatives varies from year to year. (See documentation of variables in this section.) Family income other than wages and salaries is aggregated under one variable (VOTHER). Total income of nonrelatives (wages, salaries and other incomes) is reported separately for each non-relative. The variable SAL (SAL1-SAL15 in the “flattened form”) – wage and salary income of person – contains the wages and salaries for family members, and total income of non-relatives. To determine whether a person is family or non-relative, use the variable REL (REL1-REL15 in the “flattened form”) – relationship to the reference person – in the Household Composition Section. It should be noted that the reference person is always family, even if he or she has no relative in the household.

Income: Income in the AHS is based on the respondent’s reply to questions about income for the 12 months before the interview. Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare payments, and all other money income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, union dues, bond purchases, health insurance premiums, Medicare deductions, etc.
Numerous studies have attempted to assess the accuracy of self-reported income in various surveys. These studies show there are errors in both directions (over- and under-reporting), but that in general, income is underreported.

Since 1999, income data are collected for all individuals occupying the housing unit who are 16 years of age and older. Previously, income data had been collected for all people 14 years old and over.

Wage or salary income: These are defined as the total money earnings received for work performed as an employee. It includes wages, salaries, piece-rate payments, commissions, tips, cash bonuses, and Armed Forces pay. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, professional practice, partnership, or farm in which the person was self-employed.
Salary income includes salaries received by an official of a corporation even though the person may own stock in the corporation or be the sole employee. It excludes salaries that owners of incorporated businesses pay themselves. Respondents are first asked if the family has a business. The income from the business is to be included in the total "other income" figure. If the respondent does not distinguish between salaries paid by the corporation or paid to himself/herself and other income from business, such as profit, the total business income may be reported under wages or under other income, or in certain cases double-counted, although interviewers are instructed to watch for double-counting.

Social Security or Railroad Retirement income: This category includes cash receipts of Social Security pensions; survivors' benefits; disability insurance programs for retired people, dependents of deceased insured workers, or disabled workers; and deductions for Medicare and health insurance premiums. Cash receipt of retirement, disability and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Separate payments received for hospital or other medical-care are excluded. This category does not include money received from the Supplemental Security Income Program (SSI), which is included under other income below.

Income from all other sources: This includes money income received from sources such as periodic payments from estates and trust funds; dividends; interest; net rental income from property rentals' net receipts from roomers or boarders; net royalties; public assistance or welfare payments, which include cash received from public assistance programs, such as old age assistance, aid to families with dependent children, and aid to the blind or totally disabled; unemployment insurance benefits; money received for transportation and/or subsistence by people participating in special government training programs, such as Workforce Investment Act of 1998; workmen's compensation cash benefits; periodic payments by the Veterans' Administration to disabled members of the Armed Forces or to survivors of deceased veterans; public or private pensions; periodic receipts from insurance policies or annuities; alimony or child support from people who are not members of the household; net gambling gains; and nonservice scholarships and fellowships. Money from the following sources is not included as income: value of income "in kind", such as free living quarters, household subsidies, food stamps, or food produced and consumed by the household; money received from the sale of property (unless the recipient was engaged in the business of selling banks deposits); accrued interest on "uncashed" savings bonds; exchange of money between relatives living in the same household; and gifts and lump-sum insurance payments, inheritances, and other types of lump-sum receipts.

Publicly Owned or Subsidized Housing: Respondents are asked about whether they receive government housing assistance and their answers are recorded in a series of variables, e.g.

PROJ. These data are not based on government or local records. The figures are, therefore, subject to the ability of a respondent to properly classify the unit as public or private and, if private, as subsidized or nonsubsidized housing. The publicly owned housing is not necessarily subsidized. For example, it includes houses owned by state colleges and by military bases as well as low-income housing projects. Subsidized housing, furthermore, includes state and local programs as well as federal and need not be low-income housing. There are known to be errors in reporting, which HUD has been researching. One report to reference is, “Quality Control for Rental Assistance Subsidy Determinations: Final Report for FY 2007”. Visit the publications section of HUD USER for additional recently released reports. A planned future edition of the 2011 PUF will contain a variable (HUDADMIN) identifying HUD assisted housing based on HUD records.

CROPSL =
Receive farm income

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
During the past 12 months did sales of crops, livestock, and other farm products from this place amount to $1,000 or more?

Type:	Character
Edit flag variable:	JROPSL
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
D or -7and R codes do not occur every year.

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [((One-unit building) or One-unit mobile home) and Received income from business/farm/ranch and Lot is less than or equal to 44000 square feet] ; OR
3 : [Occupied interview] AND [((One-unit building) or One-unit mobile home) and Did NOT receive income from business/farm/ranch or not applicable or not reported] ; OR
4 : [Occupied interview] AND [Apartment building or Attached mobile home]

FOOD =

Meals included in rent paid to household

If using single file version of AHS, this variable becomes: **FOOD1-FOOD16**

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does that include meals?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [SPOUS] and [Spouse is present in household] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
3 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and PAR(L_NO) ne 0 and PAR(L_NO) ne <> and TEN(PAR) eq 1] ; OR
4 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and SPOUS(L_NO) ne <> and (TEN(SPOUS) eq 1 or Spouse is present in household)] ; OR
5 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and This person is owner/renter of unit] ; OR
6 : [Occupied interview] AND [The person is 16 years or older and Relative or reference person] ; OR
7 : [Occupied interview] AND [The person is 15 years or younger] ; OR
8 : [Occupied interview] AND [Lodger does not pay a fixed amount to the household or Does not know how much lodger pays to household or Refused to answer how much lodger pays to the household]

HHFOOD =

Lodger contributes to household for food

X household groceries

Long description:
Do you ask lodgers to contribute on a regular basis to the household costs for:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

HHMORT =

Lodger contributes to household for mortgage/rent

X the mortgage or rent

Long description:
Do you ask lodgers to contribute on a regular basis to the household costs for:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

HHOTH =

Lodger contributes to household for other costs

X anything else

Long description:
Do you ask lodgers to contribute on a regular basis to the household costs for:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

HHPQALIM =

Householder received alimony or child support

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable indicating householder's status on receiving this type of income.

Type:	Character
Edit flag variable:	JHHPQALIM
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPQDIV =

Householder received dividends from stocks

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable indicating householder's status on receiving this type of income.

Type:	Character
Edit flag variable:	JHHPQDIV
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPQINT =

Householder received interest from saving, cd, etc.

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable indicating householder's status on receiving this type of income.

Type:	Character
Edit flag variable:	JHHPQINT
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPQOTHER =

Householder received unemployment/vet payments/other income

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable indicating householder's status on receiving this type of income.

Type:	Character
Edit flag variable:	JHHPQOTHER
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPQRENT =

Householder received rental income

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable indicating householder's status on receiving this type of income.

Type:	Character
Edit flag variable:	JHHPQRENT
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPQRETIR =

Householder received retirement or survivor pension

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable indicating householder's status on receiving this type of income.

Type:	Character
Edit flag variable:	JHHPQRETIR
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPQSAL =

Householder has wages/salary

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable indicating householder's status on receiving this type of income.

Type:	Character
Edit flag variable:	JHHPQSAL
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPQSELF =

Householder received self-employment income

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable indicating householder's status on receiving this type of income.

Type:	Character
Edit flag variable:	JHHPQSELF
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPQSS =

Householder received social security or pension

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable indicating householder's status on receiving this type of income.

Type:	Character
Edit flag variable:	JHHPQSS
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPQSSI =

Householder received supplemental security income

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable indicating householder's status on receiving this type of income.

Type:	Character
Edit flag variable:	JHHPQSSI
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPQWELF =

Householder received AFDC, TANF or other public assistance

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable indicating householder's status on receiving this type of income.

Type:	Character
Edit flag variable:	JHHPQWELF
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPQWKCMP =

Householder received workers compensation or other disability payments

1	Yes
2	No
B or -6	Not applicable

Long description:
This is a recoded variable indicating householder's status on receiving this type of income.

Type:	Character
Edit flag variable:	JHHPQWKCMP
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

HHPVOTHER =

Sum of householder's other income

-9999998:-1	-$9,999,998 to -$1
0:9999997	$0 to $9,999,997
9999998	$9,999,998 or more

Long description:
This is a recoded variable indicating amount of householder's other income.

Type:	Numeric
Edit flag variable:	JHHPVOTHER
Allocation Matrix:	Regression based
Topcoded:	Yes
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

Notes:
Variable is based on person-level data and the data were topcoded for each person. Levels of topcoding and topcode values may vary for people within households. The person-level variables were also topcoded by the supplemental metropolitan areas and the remainder of the cases.

HHSAL =

Wage and salary income of householder

0	None
1:9999997	$1 to $9,999,997
9999998	$9,999,998 or more

Long description:
This is a recoded variable indicating amount of householder's wage and salary income.

Type:	Numeric
Edit flag variable:	JHHSAL
Allocation Matrix:	Regression based
Topcoded:	Yes
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

Notes:
Variable is based on person-level data and the data were topcoded for each person. Levels of topcoding and topcode values may vary for people within households. The person-level variables were also topcoded by the supplemental metropolitan areas and the remainder of the cases.

HHUTFU =

Lodger contributes to household for utilities

X	utilities or fuels

Long description:
Do you ask lodgers to contribute on a regular basis to the household costs for:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

INV20K =

Total savings/investments over $25,000

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is the total amount of savings and investments over $25,000?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Conditions not in universe:
1 : [Occupied interview] AND [(Total Household Income LE $25,000 OR Unknown) AND Savings, Investments in a farm or business, or Other investments (excluding their home)]

LODG =
Rent paid by lodgers (rounded)

0:9997	0 to 9,997
9998	9,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
This is a recoded variable based on the amount paid by lodgers to the householder.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

LODRNT =

Amount lodger pays to household

If using single file version of AHS, this variable becomes: **LODRNT1-LODRNT16**

1:9997	$1-$9,997
9998	$9,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How much is this amount?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.
Information on [SPOUS] and [Spouse is present in household] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
3 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and PAR(L_NO) ne 0 and PAR(L_NO) ne <> and TEN(PAR) eq 1] ; OR
4 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and SPOUS(L_NO) ne <> and (TEN(SPOUS) eq 1 or Spouse is present in household)] ; OR
5 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and This person is owner/renter of unit] ; OR
6 : [Occupied interview] AND [The person is 16 years or older and Relative or reference person] ; OR
7 : [Occupied interview] AND [The person is 15 years or younger] ; OR
8 : [Occupied interview] AND [Lodger does not pay a fixed amount to the household or Does not know how much lodger pays to household or Refused to answer how much lodger pays to the household]

LODSTA =

Lodger pays fixed amount to household

If using single file version of AHS, this variable becomes: **LODSTA1-LODSTA16**

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
On a regular basis, (name of lodger) pay a fixed amount as a lodger to someone in this household?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [SPOUS] and [Spouse is present in household] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
3 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and PAR(L_NO) ne 0 and PAR(L_NO) ne <> and TEN(PAR) eq 1] ; OR
4 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and SPOUS(L_NO) ne <> and (TEN(SPOUS) eq 1 or Spouse is present in household)] ; OR
5 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and This person is owner/renter of unit] ; OR
6 : [Occupied interview] AND [The person is 16 years or older and Relative or reference person] ; OR
7 : [Occupied interview] AND [The person is 15 years or younger]

LT25K =

Income in last 12 months over $25,000

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was income total during the last 12 months over $25,000?

Type:	Character
Edit flag variable:	JLT25K
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Conditions not in universe:
1 : [NOT occupied interview]

OTHEST =

Anyone home who can estimate nonrelative income

If using single file version of AHS, this variable becomes: **OTHEST1-OTHEST16**

2	No
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is there anyone home now who could provide an estimate of nonrelative lodger's income in the last 12 months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [NOT occupied interview]

PQALIM =

Person has alimony or child support income

If using single file version of AHS, this variable becomes: **PQALIM1-PQALIM16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Since (this date one year ago), did you_name receive alimony or child support?

Type:	Character
Edit flag variable:	JPQALIM
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Wording changed in 2009 from “During the past 12 months…” to “Since ^DATEFILL2…”. ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [Age NOT 16 or older]; OR
3 : [Occupied interview] AND [Age NOT 16 or older] AND [Relationship to Householder NOT relative]

PQDIV =
Person has dividends

If using single file version of AHS, this variable becomes: **PQDIV1-PQDIV16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Since (this date one year ago), did you_name have dividends from stocks?

Type:	Character
Edit flag variable:	JPQDIV
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Wording changed in 2009 from “During the past 12 months…” to “Since ^DATEFILL2…”. ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [Age NOT 16 or older]; OR
3 : [Occupied interview] AND [Age NOT 16 or older] AND [Relationship to Householder NOT relative]

PQIDRI =
Received interest, dividends, royalty income

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Did you receive any interest, dividends, net rental income, royalty income, or income from and trusts DURING THE PAST 12 MONTHS? Report even small amounts credited to your account.

Type:	Character
Edit flag variable:	JPQIDRI
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N

PQINT =
Person has interest income

If using single file version of AHS, this variable becomes: **PQINT1-PQINT16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Since (this date one year ago), did you_name have interest from savings, money market funds, IRAs, CDs, or other interest bearing accounts?

Type:	Character
Edit flag variable:	JPQINT
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Wording changed in 2009 from “During the past 12 months…” to “Since ^DATEFILL2…”. ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [Age NOT 16 or older]; OR
3 : [Occupied interview] AND [Age NOT 16 or older] AND [Relationship to Householder NOT relative]

PQOTALM =

Received VA/unemployment/child support/alimony/other income

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Did you receive income on a REGULAR basis from any other source such as Veteran's Administration (VA) payments, unemployment compensation, child support or alimony DURING THE PAST 12 MONTHS?

Type:	Character
Edit flag variable:	JPQOTALM
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N

PQOTHER =

Person has unempl/workers comp/VA/other pay

If using single file version of AHS, this variable becomes: **PQOTHER1-PQOTHER16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Since (this date one year ago), did you receive unemployment compensation, any veteran's payments not already mentioned, or any other income?

Type:	Character
Edit flag variable:	JPQOTHER
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Wording changed in 2009 from "During the past 12 months…" to "Since ^DATEFILL2…". ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

Conditions not in universe:
1 : [NOT occupied interview]; OR
2 : [Occupied interview] AND [Age NOT 16 or older]

PQOTHNR =

Other income received by nonrelative

If using single file version of AHS, this variable becomes: **PQOTHNR1-PQOTHNR16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Did you receive income on a REGULAR basis from any other sources since (this date one year ago)?

Type:	Character
Edit flag variable:	JPQOTHNR
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Wording changed in 2009 from "…during the past 12 months" to "…since ^DATEFILL2." ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

PQRENT =

Person has rental income

If using single file version of AHS, this variable becomes: **PQRENT1-PQRENT16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Since (this date one year ago), did you_name receive rental income?

Type:	Character
Edit flag variable:	JPQRENT
Allocation Matrix:	Regression based
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Wording changed in 2009 from “During the past 12 months…” to “Since ^DATEFILL2…”. ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [Age NOT 16 or older]; OR
3 : [Occupied interview] AND [Age NOT 16 or older] AND [Relationship to Householder NOT relative]

PQRETIR =

Received retirement or survivor pension

If using single file version of AHS, this variable becomes: **PQRETIR1-PQRETIR16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Did you receive any retirement or survivor pensions since (this date one year ago)?

Type:	Character
Edit flag variable:	JPQRETIR
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Wording changed in 2009 from "…during the past 12 months" to "…since ^DATEFILL2." ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

PQSAL =

Wages/salary received by reference person/relative

If using single file version of AHS, this variable becomes: **PQSAL1-PQSAL16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Since (this date one year ago), did you receive any wages, salary, tips, bonuses, or commissions?

Type:	Character
Edit flag variable:	JPQSAL
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Wording changed in 2009 from "During the past 12 months…" to "Since ^DATEFILL2…". ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

PQSALNR =

Salary received by nonrelative

If using single file version of AHS, this variable becomes: **PQSALNR1-PQSALNR16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Since (this date one year ago), did you receive any wages, salary, tips, bonuses, or commissions?

Type:	Character
Edit flag variable:	JPQSALNR
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Wording changed in 2009 from "During the past 12 months…" to "Since ^DATEFILL2…". ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

PQSELF =

Received self-employment income

If using single file version of AHS, this variable becomes: **PQSELF1-PQSELF16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Did you receive any self-employment income since (this date one year ago)?

Type:	Character
Edit flag variable:	JPQSELF
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Report income from own business (farm or non-farm) including proprietorship and partnership.
Wording changed in 2009 from "…during the past 12 months" to "…since ^DATEFILL2." ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

PQSELFNR =

Received self-employment income by nonrelative

If using single file version of AHS, this variable becomes: **PQSELFNR1-PQSELFNR16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Did you receive any self-employment income since (this date one year ago)?

Type:	Character
Edit flag variable:	JPQSLFNR
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Report income from own business (farm or non-farm) including proprietorship and partnership.
Wording changed in 2009 from "…during the past 12 months" to "…since ^DATEFILL2." ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

PQSS =

Received Social Security or Railroad Retirement pension

If using single file version of AHS, this variable becomes: **PQSS1-PQSS16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Did you receive any Social Security or Railroad Retirement benefits since (this date one year ago)?

Type:	Character
Edit flag variable:	JPQSS
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Wording changed in 2009 from "…during the past 12 months" to "…since ^DATEFILL2." ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

PQSSI =
Received Supplemental Security Income

If using single file version of AHS, this variable becomes: **PQSSI1-PQSSI16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Did you receive any Supplemental Security Income (SSI) payments since (this date one year ago)?

Type:	Character
Edit flag variable:	JPQSSI
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Exclude Supplemental Security Disability Income (SSDI).
Wording changed in 2009 from "…during the past 12 months" to "…since ^DATEFILL2." ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

PQWELF =

Received AFDC, TANF or other public assistance or welfare program payments

If using single file version of AHS, this variable becomes: **PQWELF1-PQWELF16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Did you receive any public assistance or public welfare payments from the state or local welfare office since (this date one year ago)? Do not include food stamps.

Type:	Character
Edit flag variable:	JPQWELF
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2009, “Do not include food stamps” was added to the question and wording changed from “…during the past 12 months” to “…since ^DATEFILL2.” ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

PQWKCMP =

Received SSDI, work. comp., vet. or other disability payments

If using single file version of AHS, this variable becomes: **PQWKCMP1-PQWKCMP16**

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Did you receive any disability payments such as SSDI, worker's compensation, veteran's disability or other disability payments since (this date one year ago)?

Type:	Character
Edit flag variable:	JPQWKCMP
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Wording changed in 2009 from "…during the past 12 months" to "…since ^DATEFILL2." ^DATEFILL2 is a fill for the actual date 12 months prior to the date of the interview.

PVOTHER =

Sum of a person's other income

If using single file version of AHS, this variable becomes: **PVOTHER1-PVOTHER16**

-9999998:-1	-$9,999,998 to -$1
0:9999997	$0 to $9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable
. or -9	Not reported

Long description:
A sum of all other non-wage income for a person.

Type:	Numeric
Edit flag variable:	JPVOTHER
Allocation Matrix:	Regression based
Topcoded:	Yes
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcode levels and the number of cases vary by geography. Variable was topcoded by the supplemental metropolitan areas and the remainder of the cases.
Prior to 2009, the minimum recorded value was -$10,000.

QALIM =

Received alimony or child support. Recode based on PQALIM.

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Recode - Some family member received alimony/child support since (this date one year ago).
householder or relative age 16 or older - set to 1 if any family member's PQALIM is 1 else 2

Previously - In the past 12 months did you receive alimony/child support?

Type:	Character
Edit flag variable:	JQALIM
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT occupied interview]

QBINV =
Household has farm or business investments

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Have investments in a farm or business?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Notes:
Information on [Total household income] is not available on the public use file.

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [Income in last 12 months over $25,000] ; OR
3 : [Occupied interview] AND [Total household income is greater than $25,000]

QBUS =

Received income from business/farm/ranch

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
In the past 12 months did you have a business, farm or ranch?

Type:	Character
Edit flag variable:	JQBUS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Conditions not in universe:
1 : [NOT occupied interview]

QDIV =

Received dividends from stock. Recode based on PQDIV.

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Recode - Some family member had dividend income since (this date one year ago).
householder or relative age 16 or older - set to 1 if any family member's PQDIV is 1 else 2

Previously - In the past 12 months did you have dividends from stocks?

Type:	Character
Edit flag variable:	JQDIV
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT occupied interview]

QFS1 =

Received food stamps in last 12 months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did you receive Food Stamp Benefits in the past 12 months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Total household income] is not available on the public use file.

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [Income in last 12 months over $25,000] ; OR
3 : [Occupied interview] AND [Total household income is greater than $25,000]

QIDRI =

Received interest/rental/royalty/estate income. Recode based on PQIDRI.

1	Yes
2	No
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JQIDRI
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N

QINT =
Received interest from savings, cd, etc. Recode based on PQINT.

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Since (this date one year ago), did you have interest from savings, money market funds, IRA's, certificates of deposit or other interest bearing accounts?

Type:	Character
Edit flag variable:	JQINT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT occupied interview]

QMEN =
Any income not already mentioned

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
We want to make sure we've included all income. In the past 12 months, did you have any income not already mentioned?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Conditions not in universe:
1 : [NOT occupied interview]

QOINV =

Household has other investments

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
have other investments (excluding this home)?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Notes:
Information on [Total household income] is not available on the public use file.

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [Income in last 12 months over $25,000] ; OR
3 : [Occupied interview] AND [Total household income is greater than $25,000]

QOTALM =

Received VA/unemploy/child support/alimony/other income. Recode based on PQOTALM.

1	Yes
2	No
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JQOTALM
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N

QOTHER =

Received unemployment/vet payments/other inc. Recode based on PQOTHER.

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JQOTHER
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT occupied interview]

QRENT =

Received rental income. Recode based on PQRENT.

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JQRENT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT occupied interview]

QRETIR =

Received retirement or survivor pension. Recode based on PQRETIR.

1	Yes
2	No
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JQRETIR
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2005MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

QSAVNG =

Household has savings

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Have savings?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Notes:
Information on [Total household income] is not available on the public use file.

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [Income in last 12 months over $25,000] ; OR
3 : [Occupied interview] AND [Total household income is greater than $25,000]

QSELF =

Received self-employment income. Recode based on PQSELF.

1	Yes
2	No
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JQSELF
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2005MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

QSS =

Received social security or pension. Recode based on PQSS.

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JQSS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT occupied interview]

QSSI =

Received supplemental security income. Recode based on PQSSI.

1	Yes
2	No
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JQSSI
Allocation Matrix:	Regression based
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2005MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

QWELF =

Received AFDC, TANF or other public assistance or welfare program payments. Recode based on PQWELF.

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JQWELF
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT occupied interview]

QWKCMP =

Received workers compensation or other disability payments. Recode based on PQWKCMP.

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Type:	Character
Edit flag variable:	JWKCMP or JQWKCMP depending on survey year
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2005MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT occupied interview]

RCARP =

Receive help w/ transportation expenses

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In these difficult economic times, many people have trouble making ends meet. Do you receive any EXTRA help from people or groups outside the household to meet your monthly expenses, such as help with -

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2009N, 2009MSA, 2011, 2013N, 2013MSA

RCLOT =
Receive help with clothing expenses

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In these difficult economic times, many people have trouble making ends meet. Do you receive any EXTRA help from people or groups outside the household to meet your monthly expenses, such as help with -

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2009N, 2009MSA, 2011, 2013N, 2013MSA

RCOST =
Receive help with rent payments

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In these difficult economic times, many people have trouble making ends meet. Do you receive any EXTRA help from people or groups outside the household to meet your monthly expenses, such as help with -

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2009N, 2009MSA, 2011, 2013N, 2013MSA

REPHA =
Report income to public housing authority

1	A building manager or landlord?
2	A public housing authority or a state or local housing agency?
3	Or, someone else? Specify
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
To whom did you report
your income--

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
Information on [Unit is part of a public housing authority] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is part of a public housing authority] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is not part of a public housing authority] ; OR
3 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
4 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
5 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
6 : [Occupied interview and (Rented or occupied without payment)] AND [(Income info NOT required for lease renewal or Don't know if income info required for lease renewal or Refused to disclose if income info required for lease renewal) and Unit is not part of a public housing authority] ; OR
7 : [Occupied interview and (Rented or occupied without payment)] AND [Unit is part of a public housing authority] ; OR
8 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR
9 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance]

RGROC =
Receive help with grocery bills

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In these difficult economic times, many people have trouble making ends meet. Do you receive any EXTRA help from people or groups outside the household to meet your monthly expenses, such as help with -

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2009N, 2009MSA, 2011, 2013N, 2013MSA

RKIDC =
Receive help with child care payments

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In these difficult economic times, many people have trouble making ends meet. Do you receive any EXTRA help from people or groups outside the household to meet your monthly expenses, such as help with -

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2009N, 2009MSA, 2011, 2013N, 2013MSA

RMEDI =
Receive help with medical bills

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In these difficult economic times, many people have trouble making ends meet. Do you receive any EXTRA help from people or groups outside the household to meet your monthly expenses, such as help with -

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2009N, 2009MSA, 2011, 2013N, 2013MSA

RNTDUE =

Frequency of lodger's rent payment to household

If using single file version of AHS, this variable becomes: **RNTDUE1-RNTDUE16**

1:52	1-52 times per year
53	53 times or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How often is this amount due?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [SPOUS] and [Spouse is present in household] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
3 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and PAR(L_NO) ne 0 and PAR(L_NO) ne <> and TEN(PAR) eq 1] ; OR
4 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and SPOUS(L_NO) ne <> and (TEN(SPOUS) eq 1 or Spouse is present in household)] ; OR
5 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and This person is owner/renter of unit] ; OR
6 : [Occupied interview] AND [The person is 16 years or older and Relative or reference person] ; OR
7 : [Occupied interview] AND [The person is 15 years or younger] ; OR
8 : [Occupied interview] AND [Lodger does not pay a fixed amount to the household or Does not know how much lodger pays to household or Refused to answer how much lodger pays to the household]

ROTHE =

Received other assistance making ends meet

1	Yes
2	No
D or -7	Don't know
Blank or -9	Not reported

Long description:
Do you receive any financial help or assistance in making ends meet?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2009N, 2009MSA, 2011, 2013N, 2013MSA

RUTIL =

Receive help with utility bills

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In these difficult economic times, many people have trouble making ends meet. Do you receive any EXTRA help from people or groups outside the household to meet your monthly expenses, such as help with -

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2009N, 2009MSA, 2011, 2013N, 2013MSA

SAL =

Wage & salary income of person

If using single file version of AHS, this variable becomes: **SAL1-SAL16**

0	None
1:999997	$1-$999,997
999998	$999,998 or more
B or -6	Not applicable

Long description:
In the past 12 months, how much did you earn in wages, salaries, tips, and commissions before deductions? (IF DON'T KNOW, ASK FOR BEST ESTIMATE)

Type:	Numeric
Edit flag variable:	JSAL
Allocation Matrix:	Regression based
Topcoded:	Yes
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: Topcoded at 1,000,000.
2011 and after: Topcode levels and the number of cases vary by geography. Variable was topcoded by the supplemental metropolitan areas and the remainder of the cases.
Information on [Person is not household member] is not available on the public use file.

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [(Person is not household member or The person is 15 years or younger)]

SUBRNT =
Government subsidizes rent for unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does the Federal, State, or local government pay some of the cost of the unit?

Type:	Character
Edit flag variable:	JUBRNT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Unit is part of a public housing authority] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is part of a public housing authority] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or Rented, but not yet occupied)] AND [Owned by public housing authority] ; OR
3 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
4 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
5 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
6 : [Occupied interview and (Rented or occupied without payment)] AND [Unit is part of a public housing authority] ; OR
7 : [Occupied interview and (Rented or occupied without payment)] AND [Report income to public housing authority or a state or local housing agency and Unit is not part of a public housing authority] ; OR
8 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR
9 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance]

SUBRNT1 =

Government subsidizes rent for unit

1	Yes
2	No
3	Don't know

Long description:
Do you pay a lower rent because the government is paying part of the cost of the unit?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
2 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR
5 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance]

SUBRNT2 =

Government subsidizes rent for unit

1	Yes
2	No

Long description:
Does the Federal, State, or local government pay some of the cost of the unit?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

VCHER =
Received voucher to help pay rent

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did a public housing authority, or some similar agency, give you a CERTIFICATE or VOUCHER to help pay the rent for this housing unit?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Information on [Unit is part of a public housing authority] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is part of a public housing authority] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [Unit is not part of a public housing authority] ; OR
3 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
4 : [(URE interview or vacant interview)] AND [For sale only or Sold, but not yet occupied] ; OR
5 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
6 : [Occupied interview and (Rented or occupied without payment)] AND [Respondents were assigned to particular location of public housing and Unit is not part of a public housing authority] ; OR
7 : [Occupied interview and (Rented or occupied without payment)] AND [Unit is part of a public housing authority] ; OR
8 : [Occupied interview and (Rented or occupied without payment)] AND [Don't know if owned by public housing authority and (Income info required for lease renewal or Refused to disclose if income info required for lease renewal) and DO NOT report income to public housing authority or a state or local housing agency and Unit is not part of a public housing authority] ; OR
9 : [Occupied interview and (Rented or occupied without payment)] AND [Don't know if owned by public housing authority and (Income info NOT required for lease renewal or Don't know if income info required for lease renewal) and Government doesn't subsidize rent for unit or don't know or refused and Unit is not part of a public housing authority] ; OR
10 : [Occupied interview and (Rented or occupied without payment)] AND [Owned by public housing authority] ; OR
11 : [Occupied interview and (Rented or occupied without payment)] AND [Government doesn't subsidize rent for unit and Unit is not part of a public housing authority] ; OR

12 : [Occupied interview and Owned] AND [Respondent has homeowner's insurance] ; OR
13 : [Occupied interview and Owned] AND [Respondent does not have homeowner's insurance]

VOTHER =

Total amount of other family income

If using single file version of AHS, this variable becomes: **VOTHER1-VOTHER16**

-9999998:9999997	-$9,999,998-$9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable

Long description:
In the past 12 months, what was the total income from:

Type:	Numeric
Edit flag variable:	JVOTHER
Allocation Matrix:	Regression based
Topcoded:	Computed from topcoded values
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: Topcoded at 100,000. Listed topcode appears on microdata. Bottomcoded at -10,000. Listed bottomcode appears on microdata.
2011 and after: Variable is based on person-level data and the data were topcoded for each person. Levels of topcoding and topcode values may vary for people within households. The person-level variables were also topcoded by the supplemental metropolitan areas and the remainder of the cases.
In surveys prior to 2005, the Census Bureau's practice was that if a household listed no sources of nonlabor income, VOTHER was coded as blank, not zero. Similarly, if a person had no labor income, SAL was coded as blank. Beginning in 2005, these became zero values instead.
VOTHER can take negative values legitimately. HUD used the SAS version of the PUF to produce a CSV (ASCII) version. The conversion process gives missing value interpretations to the range -9 to -6. In order to avoid ambiguities in the few cases in which VOTHER has a value of -5 to -9, these values are recoded to -4. Users of the CSV version should be aware that this occurs in a small number of cases.
Prior to 2009, the minimum recorded value was -$10,000.

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [(Did NOT receive income from business/farm/ranch and Did not receive social security income or pension and Did NOT receive interest from savings, cd, etc. and Did NOT receive dividends from stock and Did NOT receive rental income and did NOT receive ssi, afdc, other welfare and Did NOT receive alimony or child support and Did NOT receive workers company or other disability and Did NOT receive unemployment /vet. Payments/other income)]

VOTHER2 =
Total amount of other household income

-9999998:9999997	-$9,999,998-$9,999,997
9999998	$9,999,998 or more
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	JVOTHER2
Allocation Matrix:	Regression based
Topcoded:	Yes
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2009, the minimum recorded value was -$10,000.

Conditions not in universe:
1 : [NOT occupied interview]

ZINC =
Family income

-9999998	Loss of $9,999,998 or more
-9999997:-1	Loss of $1-$9,999,997
0	No income
1:9999995	Income of $1-$9,999,995
9999996	Income of $9,999,996 or more
B or -6	Not applicable

Long description:
The family income recode is the sum of the wage & salary income of the householder and all related individuals age 14+ and all other reported income.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	Regression based
Topcoded:	Yes
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 1999, this question covers people age 16 and older.
Prior to 2011: Topcoded at 9,999,996. Listed topcode appears on microdata. Bottomcoded at -10,000. Listed bottomcode appears on microdata.
2011 and after: Variable is based on person-level data and the data were topcoded for each person. Levels of topcoding and topcode values may vary for people within households. The person-level variables were also topcoded by the supplemental metropolitan areas and the remainder of the cases.
Prior to 2009, the minimum recorded value was -$10,000.

ZINC2 =
Household Income

-9999998	Loss of $9,999,998 or more
-9999997:-1	Loss of $1-$9,999,997
0	No income
1:9999995	Income of $1-$9,999,995
9999996	Income of $9,999,996 or more
B or -6	Not applicable

Long description:
The household income recode is the sum of the wage & salary income of all household members age 14+ and all other reported income.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	Regression based
Topcoded:	Yes
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 1999, this question covers people age 16 and older.
Prior to 2011: Topcoded at 9,999,996. Listed topcode appears on microdata.
2011 and after: Variable is based on person-level data and the data were topcoded for each person. Levels of topcoding and topcode values may vary for people within households. The person-level variables were also topcoded by the supplemental metropolitan areas and the remainder of the cases.
Prior to 2009, the minimum recorded value was -$10,000.

ZINCH =
This month's income same as 1 year ago

1	Yes, about the same, or within 10 percent, or just cost of living adjustments
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Is your total income THIS MONTH about the same as it was a year ago?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT occupied interview]

ZINCN =
Expected income in next 12 months

0	None
1:999997	$1 - $999,997
999998	$999,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What do you expect your total income to be in the NEXT 12 MONTHS?

Type:	Numeric
Edit flag variable:	JZINCN
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2011: Topcoded at 1,000,000.
2011 and after: Topcoded at the 97th percentile.

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [This month's income is the same as 1 year ago]

Neighborhood

Data on neighborhood conditions include the presence of particular services, their dependability/adequacy, and the presence/extent of bother of particular detriments (e.g., litter, crime pollution. Users should note that data on neighborhood conditions are based on subjective assessments of the respondent rather than on objective evaluations of the neighborhood (there are a few exceptions where the enumerator's observations are available; these are indicated as appropriate). Furthermore, neighborhood is not defined to the respondent; it is whatever the respondent considers his/her neighborhood to be. Items related to previous neighborhood are presented in the Recent Mover section. Before 1997, interviewers were asked to complete, by observation, a few questions describing the immediate surroundings of the sample unit. Beginning in 1997, these questions were answered by respondents. The area is defined as ½ block in any direction from the front of the building. These variables are identified in the documentation by the words "within ½ block" in the variable description. A large number of the neighborhood questions were not included in the 2011 survey. A new neighborhood module is included in the 2013 survey. To reduce respondent burden, the questions in the new module were asked of only a subsample of households. SPLITWGT2 should be used to analyze the questions in this new module.

ACCESSC =

Entry system required to access community

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

BADPER =

People in neighborhood are bothersome

X	People
B or -6	Not applicable
R or -8	Refused
Blank or -9	Not reported

Long description:
What about the neighborhood bothers you?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

BADPRP =

Undesirable neighborhood/property bothersome

X	Undesirable commercial, institutional, or industrial property
B or -6	Not applicable
R or -8	Refused
Blank or -9	Not reported

Long description:
What about the neighborhood bothers you?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

BADSRV =

Poor city/county services are bothersome

X	Poor city/county services
B or -6	Not applicable
R or -8	Refused
Blank or -9	Not reported

Long description:
What about the neighborhood bothers you?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

CEFCLOSKNIT =

Neighborhood is close knit

1	Strongly agree
2	Somewhat agree
3	Somewhat disagree
4	Strongly disagree
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
I live in a close-knit neighborhood. Please tell me whether you strongly agree, somewhat agree, somewhat disagree, or strongly disagree.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFDISRSPCT =

Likelihood neighbor would scold disrespectful child

1	Very likely
2	Likely
3	Unlikely
4	Very unlikely
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
If a child was showing disrespect to an adult, or acting out of line, how likely is it that people in your neighborhood would scold that child?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFFIGHTING =

Likelihood neighbor would do something if a fight broke out in front of house

1	Very likely
2	Likely
3	Unlikely
4	Very unlikely
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
If a fight broke out in front of their house, how likely is it that your neighbors would do something about it?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFFIRESTA =

Likelihood neighbors would do something if neighborhood fire station were threatened by budget cuts

1	Very likely
2	Likely
3	Unlikely
4	Very unlikely
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
If the fire station closest to their house was threatened by budget cuts, how likely is it that your neighbors would do something about it?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFGETALONG =

People in neighborhood get along

1	Strongly agree
2	Somewhat agree
3	Somewhat disagree
4	Strongly disagree
B or -6	Not applicable
D or -7	Don’t know
R or -8	Refused

Long description:
People in my neighborhood generally get along with each other. Please tell me whether you strongly agree, somewhat agree, somewhat disagree, or strongly disagree.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFGPBLOCK =

Household member belongs to a neighborhood group

1	Yes
2	No
B or -6	Not applicable
D or -7	Don’t know
R or -8	Refused

Long description:
Do you or anyone in your household belong to a block group, tenant association, community council, or neighborhood watch?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFGPCHURCH =

Household member belongs to a religious organization

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Do you or anyone in your household belong to a church, synagogue, or any other religious organization?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFGPCIVIC =

Household member belongs to a civic organization

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Not counting religious organizations, are you or anyone in your household a member of any civic, service, or social/fraternal organizations? For example, a local community organization or the PTA?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFHELPNBOR =

People in neighborhood are willing to help neighbors

1	Strongly agree
2	Somewhat agree
3	Somewhat disagree
4	Strongly disagree
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
People in my neighborhood are willing to help their neighbors. Please tell me whether you strongly agree, somewhat agree, somewhat disagree, or strongly disagree.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFSHARVALS =

Neighbors share the same values

1	Strongly agree
2	Somewhat agree
3	Somewhat disagree
4	Strongly disagree
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
People in my neighborhood share the same values. Please tell me whether you strongly agree, somewhat agree, somewhat disagree, or strongly disagree.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFSKIPSCHL =

Likelihood neighbor would do something about children skipping school

1	Very likely
2	Likely
3	Unlikely
4	Very unlikely
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
If a group of neighborhood children were skipping school and hanging out on a street corner, how likely is it that your neighbors would do something about it?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFSPKMEETG =

Household member has attended a neighborhood meeting

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you or a household member attended a meeting of a block or neighborhood group about a neighborhood problem or neighborhood improvement?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFSPKNBORS =

Household member has participated in solving neighborhood problem

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you or anyone in your household gotten together with neighbors to do something about a neighborhood problem or to organize neighborhood improvement?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFSPKOFFCL =

Household member has spoken to a local politician

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you or anyone in your household spoken with a local politician like your Ward committeeperson or an elected official like your alderperson about a local problem?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFSPKPRBLM =

Household member has spoken with person or group causing problems

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you or anyone in your household talked to a person or group causing a problem in the neighborhood?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFSPKRELG =

Household member has spoken with a religious leader

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you or anyone in your household talked to a religious leader or minister to help with a neighborhood problem or improvement?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFSPRYPNT =

Likelihood neighbor would do something about children spray-painting graffiti

1	Very likely
2	Likely
3	Unlikely
4	Very unlikely
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
If some children were spray-painting graffiti on a local building, how likely is it that your neighbors would do something about it?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

CEFTRUSTED =

People in neighborhood can be trusted

1	Strongly agree
2	Somewhat agree
3	Somewhat disagree
4	Strongly disagree
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
People in my neighborhood can be trusted. Please tell me whether you strongly agree, somewhat agree, somewhat disagree, or strongly disagree.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

COMMRECR =

Community recreational facilities available (recode)

1	Yes
2	No
B or -6	Not applicable

Long description:
Recode to indicate whether the community has recreational facilities.
If [CLUB = ‘1’ or GOLF = ‘1’ or TRAILS = ‘1’ or BEACH = ‘1’] then recode COMMRECR to ‘1’.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

COMMSERV =

Community services are available (recode)

1	Yes
2	No
B or -6	Not applicable

Long description:
Recode to indicate whether the community has social service facilities available.
If [SHUTLE = ‘1’ or CARE = ‘1’] then recode COMMSERV to ‘1’.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

CRIME =

Serious neighborhood crime in last 12 months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
To the best of your knowledge, have any serious crimes occurred in your neighborhood in the past 12 months? For example, burglary, robbery, theft, rape, or murder?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1: [NOT occupied interview]

CRIMEA =

Neighborhood has neighborhood crime

1	YES
2	NO
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
The following questions are concerned with specific aspects of your PRESENT neighborhood.
Does the neighborhood have neighborhood crime?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

CRIMEB =

Neighborhood crime bothersome

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Does the neighborhood crime bother you?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

CRIMEC =

Crime so bad you want to move

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Is it so objectionable that you would like to move from the neighborhood?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

DRUGSTORE =

Drugstore nearby

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Recoded from: "Do you have grocery stores, drug stores, both, or neither within 15 minutes of your home?"

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

EABAN =
Abandoned/vandalized buildings within 1/2 blk

1	Yes, one
2	Yes, more than one
3	No
4	No other buildings within 300 feet
0	Not reported
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are there any vandalized or abandoned buildings within half a block of this building?
Is there more than one vandalized or abandoned building?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

EAGE =

Unit about same age as nearby units

1	Older
2	Same age
3	Younger
4	Very mixed
5	No other residential buildings
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Finally, is this building older, younger or about the same age at the nearby buildings?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

EAPTBL =
Apartment buildings within 1/2 block of unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are there any apartment buildings within a half a block of this building?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1 : [Noninterview]

EBARCL =

Buildings w/ bars on windows within 1/2 blk

1	Yes, one building with bars
2	Yes, more than one building
3	No bars on windows
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now, thinking of ALL of the buildings that are within half a block of this building, do any of these buildings have metal bars on their windows? Is there more than one building with metal bars on the windows?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [There are no abandoned or vandalized buildings within 300 feet] ; OR
2 : [Noninterview]

ECOM1 =
Business/institutions within 1/2 block

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are there any businesses or institutions, such as stores, restaurants, schools or hospitals within half a block of this building?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

ECOM2 =
Factories/other industry within 1/2 block

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How about any factories or other industrial structures?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

EGREEN =

Open spaces within 1/2 block of unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any open spaces, such as parks, woods, farms or ranches within a half block of this building?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

EHEIGHT =

Height of apartment buildings within 1/2 blk

1	Tallest has seven or more stories
2	Tallest has 4-6 stories
3	Tallest has fewer than 4 stories
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

EHIGH =
Apartment buildings 7+ stories tall within 1/2 blk

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Think of the apartment buildings that are located within a half block
of this building, are any of these apartment buildings 7 or more stories tall?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [There are no apartment buildings within half a block of the unit] ; OR
2 : [Noninterview]

EJUNK =

Trash/junk in streets/properties in 1/2 blk

1	Major accumulation
2	Minor accumulation
3	None
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is there trash, litter or junk in the streets, roads, empty lots or on any properties within half a block of this building? (INCLUDE THIS BUILDING)
Is there a small amount or a large amount of trash, litter or junk?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

ELOW1 =
Single-family town/rowhouses in 1/2 blk

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How about single-family townhouses or rowhouses?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1 : [Noninterview]

ELOW2 =
Apartment buildings <4 stories tall within 1/2 blk

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any less than 4 stories tall?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [There are no apartment buildings within half a block of the unit] ; OR
2 : [Noninterview]

EMID =
Apartment buildings 4-6 stories within 1/2 block

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of these apartment buildings 4 to 6 stories tall?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [There are no apartment buildings within half a block of the unit] ; OR
2 : [Noninterview]

EMOBIL =
Mobile homes within 1/2 block of unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are there any mobile homes? (EXCLUDE CAMPERS)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1 : [Noninterview]

EPRKG =
Parking lots within 1/2 block of unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any parking lots within a half block of this building?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

EPRKGA =
Nearby parking lots useable by anyone

X	Parking lots can be used by anyone
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Referring to the parking lots you just mentioned, can these parking lots be used by those who work or shop in your neighborhood, or are they only to be used by those who live in your neighborhood?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [There are no parking lots within half a block of the unit] ; OR
2 : [Noninterview]

EPRKGR =

Nearby parking lots for residents only

X	Parking lots only for residents
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Referring to the parking lots you just mentioned, can these parking lots be used by those who work or shop in your neighborhood, or are they only to be used by those who live in your neighborhood?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [There are no parking lots within half a block of the unit] ; OR
2 : [Noninterview]

EPRKGS =

Nearby parking lots for shoppers/workers

X	Parking lots for shoppers or workers only
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Referring to the parking lots you just mentioned, can these parking lots be used by those who work or shop in your neighborhood, or are they only to be used by those who live in your neighborhood?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [There are no parking lots within half a block of the unit] ; OR
2 : [Noninterview]

EROAD =

Roads within 1/2 block need repairs

1	Major repair work
2	Minor repair work
3	No repair work
4	No streets within half a block
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What is the condition of the streets within half a block of this building?
Do these streets need major repairs, minor repairs or no repair work?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

ESFD =
Single family homes within 1/2 block

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are there any single-family houses?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1 : [Noninterview]

ETRANS =

Railroad/airport/4-lane hwy within 1/2 block

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How about any railroads, airports or highways with at least 4 lanes -- any of these within a half block of this building?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

EWATER =

Bodies of water within 1/2 block of unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
These next questions ask about the area that is within a half block of this building. For this survey, a half block is about 300 feet in length. Are there any bodies of water, such as ponds, lakes, rivers or the ocean within a half block of this building?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

FRIENDS =

Household member has friends in the neighborhood

1	None
2	One or two
3	Three to five
4	Six to nine
5	Ten or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How many friends do you have who live in this neighborhood?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

GATED =

Walls/fences surrounding community

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is your community surrounded by walls or fences preventing access by persons other than residents?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

GROCERY =

Type of grocery store nearby

1	Full-service grocery store
2	Convenience store
3	Neither
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Recoded from: "Is the grocery store a full-service grocery store or a convenience store?
Do you have grocery stores, drug stores, both, or neither within 15 minutes of your home?"

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

HOWN =

Rating of neighborhood as place to live

0	No neighborhood
1:10	Rating (10 is best, 1 is worst)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How would you rate your neighborhood on a scale of 1-10?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT occupied interview]

LITTER =

Litter in neighborhood bothersome

X	Litter or housing deterioration
B or -6	Not applicable
R or -8	Refused
Blank or -9	Not reported

Long description:
What about the neighborhood bothers you?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

NEWTRN =

Public transportation available

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is there public transportation for this area?
If yes, then ask USETRN and TIMETRN.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

NHDBLDMH =

Manufactured mobile homes within ½ block

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Thinking about the other buildings within a half block from your home, are there any…

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

NHDBLDMU =

Apartment buildings within ½ block

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Thinking about the other buildings within a half block from your home, are there any…

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

NHDBLDSUD =

Single-family detached home within ½ block

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Thinking about the other buildings within a half block from your home, are there any…

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

NHDBLDSUA =

Single-family townhouses or row houses within ½ block

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Thinking about the other buildings within a half block from your home, are there any…

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

NOISE =

Noise in neighborhood is bothersome

X	Noise
B or -6	Not applicable
R or -8	Refused
Blank or -9	Not reported

Long description:
What about the neighborhood bothers you?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

NOISN1 =

Hear neighbors through floor/walls/ceiling

1	Never (at most once per year)
2	Rarely (less than 2 times per month)
3	Sometimes (less than 2 times per week)
4	Frequently (2 or more times per week)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What about inside your building? How often, if ever, do you hear neighbors through the floors, walls or ceilings of your housing unit?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

NOISN2 =

Loudness of neighbor's noise bothersome

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Is the loudness of the noise bothersome?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

NOISN3 =

Timing of neighbor's noise bothersome

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Is the time of the noise bothersome?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

NOPROB =

Nothing bothersome in neighborhood

X	No problem
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What about the neighborhood bothers you?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

NORC =

Majority of neighbors 55+

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

NPROBS =

Anything bothersome in neighborhood

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is there anything about the neighborhood that bothers you?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

ODOR =

Neighborhood has bad smells

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does the neighborhood have smoke, gas, or bad smells?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1: [NOT occupied interview]

ODORA =

Neighborhood has bad smells

1	YES
2	NO
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
The following questions are concerned with specific aspects of your PRESENT neighborhood. Does the neighborhood have smoke, gas, or bad smells?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

ODORB =

Neighborhood smells are bothersome

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know

Long description:
Does the smoke, gas, or bad smells bother you?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

ODORC =

Smells are so bad you want to move

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know

Long description:
Is it so objectionable that you would like to move from the neighborhood?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

OTHNHD =

Other problems bothersome in neighborhood

X	Other (SPECIFY)
B or -6	Not applicable
R or -8	Refused
Blank or -9	Not reported

Long description:
What about the neighborhood bothers you?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

SATPOL =
Neighborhood police protection satisfactory

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do you have satisfactory police protection for this area?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001–2009:	newhouse
Relational table 2013 and later:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2013N, 2013MSA

SCH =
Neighborhood public elementary school satisfactory

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is the public elementary school for this area satisfactory?
(IF MORE THAN ONE PUBLIC ELEMENTARY SCHOOL, ASK ABOUT THE CLOSEST ONE TO THE SAMPLE UNIT.)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Notes:
This represents a slight change in skip pattern. Before 2009 this question was asked for households with children between 5 and 13 years , but reported in the publication for households with children 13 and younger. In 2009, this was asked only if children 13 and younger were present in the household.

SCHCLS =

Neighborhood public elementary school within 1 mile

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is that public elementary school within one mile of here?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Notes:
Before 2009, this was a dependent interviewing variable and was asked/verified if children between the ages of 5 and 13 were present in the household, though in the publication it was reported for households with children under 13. In 2009, this is no longer a dependent interviewing variable and was asked at each household where a child under 13 was present.

SCHM =
How public elementary school compares academically

1	Better
2	About the same
3	Worse
B or -6	Not applicable
D or -7	Don't know

Long description:
How do you think your public elementary school compares academically to other public elementary schools in the area? Is it: (READ ANSWER CATEGORIES)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Notes:
1. Before 2009, SCHM in Codebook was listed as "Public Elementary school so bad you want to move," answer categories were 1) Yes, 2) No, B) Not applicable, and D) Don't know, and long description was "Is it so unsatisfactory that you would like to move from the neighborhood?"
2. Before 2009, all households with children between the ages of 5 and 13 were asked this question, though in the publication it was reported only for households with children 13 and younger. In 2009, this question was asked only if respondent said area elementary public school was unsatisfactory (SCH = 2). SCH was asked only of households with children under 13 -see SCH.

SHARPF =
Unit shares plumbing facilities

1	Yes
2	No
B or -6	Not applicable

Long description:
Some people live in neighborhoods where some of the houses don't have complete plumbing facilities so they must use other people's bathrooms. Does anyone not living in your home, not counting guests or workers, regularly use your bathroom?

Type:	Character
Edit flag variable:	JHARPF
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have hot and cold running water and Unit does not have a bathroom sink and Unit does NOT have a flush toilet and Unit does NOT have a bathtub or shower] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

SHP =
Neighborhood shopping satisfactory

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are the grocery or drug stores within 15 minutes of your home satisfactory?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Notes:
See note to SHPCLS.

SHPCLS =
Neighborhood stores within 15 minutes

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do you have grocery stores or drug stores within 15 minutes of your home?
(IF YES, FOLLOW WITH SHP)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Notes:
In 2007, SHPCLS and SHP were changed. In 2005 and earlier, SHP was asked first and SHPCLS was only asked if there was a positive answer to SHP. Also, the wording of the questions changed. In 2005 and earlier, SHP was "Do you have satisfactory neighborhood shopping, that is grocery stores and drug stores" and SHPCLS was "Are any of these stores within one mile of [FILL TEMP]"

STRN =

Neighborhood has heavy street noise/traffic

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now, I am going to ask you a few questions that are more NEIGHBORHOOD specific.
Does your neighborhood have bothersome street noise or heavy traffic?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA

Conditions not in universe:
1: [NOT occupied interview]

STRNA =

Neighborhood has heavy street noise/traffic

1	YES
2	NO
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
The following questions are concerned with specific aspects of your PRESENT neighborhood.
Does the neighborhood have street noise or heavy street traffic?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

STRNB =

Neighborhood street noise/traffic bothersome

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does the street noise or heavy street traffic bother you?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

STRNC =

St. noise/traffic so bad you want to move

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know

Long description:
Is it so objectionable that you would like to move from the neighborhood?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

TALKNBOR =

Household member has talked to neighbors in past month

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
In the past month, have you talked with any of your neighbors for 10 minutes or more?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

VOLNTEER =

Household member has volunteered in the past 12 months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Over the past 12 months, have you or a member of your household volunteered or helped out with activities in your community?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

Utilities

This section documents data collected about the types of fuel used to operate different types of equipment in the home (including supplemental heating equipment), and the costs of utilities. Data are also available on the costs of services such as garbage collection. Cost data on mortgages and rent, taxes, furnishings, and insurance are presented in the Housing Costs section.

Notes:

Heating and Cooking Fuel: “Gas from underground pipes” is gas run through pipes from a central system to serve the neighborhood. “Bottled, or other liquid fuel” is stored in tanks that are refilled or exchanged when empty. “Kerosene and other liquid fuel” includes kerosene, gasoline, alcohol, and other combustible liquids. “Other fuel” includes any other fuel such as briquettes made of pitch and sawdust, corncobs, or purchased steam.

Utility Costs: Data about the cost of utilities are not collected if the cost is included in rent, site rent, condominium or other fee, or if the fuel is not used or obtained free. The amount for each utility is the average for the past 12 months to take seasonal variations into account. Collecting information on utility costs is difficult. Unless a household subscribes to a continuous level billing plan, utility costs fluctuate greatly from month to month. Heating bills are much higher in cold winters and air conditioning affects the electricity costs during summer. Some households receive a combined bill for more than one fuel. Respondents are asked to state their average monthly costs based on the last 12 months. If the respondent does not know the exact cost, the interviewer accepts an estimate, probing as necessary to obtain the estimate. A separate variable allows the user to determine which utilities are included in the combined amount. If a respondent does not know the cost of fuel oil, coal, or wood, the interviewer helps the respondent by obtaining information on the number of gallons (tons or cords) used and the cost per unit. If the occupants have been living in the unit for less than twelve months, an estimate based on experience and general knowledge of costs is recorded.

Main House Heating Fuel: In 1999, the type of gas (piped versus bottled) used as a main house heating fuel for vacant units was collected. In 1997, the type of gas used was inadvertently omitted from the survey, so data are not available for that year.

BUYx Variables: These variables indicate whether a renter in an occupied unit pays for utilities (electricity, other fuel, gas, oil, trash pickup, and water) separately or whether they are included in the rent. When BUYx equals ‘b’, x is paid for separately and therefore should have a value in AMTx, which is the average monthly cost of a particular utility.

BILLx Variables: The BILLx variables are created from a series of mark-all-that-apply questions that ask, for each utility, the other utilities with which they are billed. Answers to these questions are combined and edited to construct a flag indicating the bill on which the utility appears. Prior to 2011, these variables and similar variables were coded with an “X” if the respondent selected that response. Beginning in 2011, most of these “X” variables became

“1 = Yes” and “2 = No.” Unlike other “X” variables, values of 2 and missing do not have a clear interpretation for the BILLx variables. For this reason, starting in 2011, all BILLx variables are set to B when the value on the variable is not 1. The BILLx variables and their edit flags were removed from the file beginning in 2013.

AFUEL =
Primary type of fuel used for air conditioning

1	Electricity
2	Gas, LP Gas (liquid propane)
3	Other, (Specify)
B or -6	Not applicable

Long description:
What kind of fuel does it use?

Type:	Character
Edit flag variable:	JAFUEL
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Central air conditioning system is not used] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

AFUR =
Forced air furnace as supplemental heating equipment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What OTHER kinds of working heating equipment does your housing unit HAVE or USE?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

AMTE =
Average monthly cost of electricity

1:997	$1-$997
998	$998 or more
B or -6	Not applicable

Long description:
In the past 12 months what was the average MONTHLY cost for electricity

Type:	Numeric
Edit flag variable:	JAMTE
Allocation Matrix:	Matrix D
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 95.5th percentile.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Answered if pay for electricity separately)]

AMTF =
Annual cost of other fuels

4:9997	$4-$9,997
9998	$9,998 or more
B or -6	Not applicable

Long description:
From 12 months ago to current month and year, what was the total ANNUAL cost for wood, coal, kerosene or any other fuel?

Type:	Numeric
Edit flag variable:	JAMTF
Allocation Matrix:	Matrix D
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Answered if pay for other non-specified fuels separately)] ; OR
5 : [Occupied interview] AND [The total annual cost for wood, coal, kerosene or any other fuels was billed with other fuels]

AMTG =
Average monthly cost of gas

1:997	$1-$997
998	$998 or more
B or -6	Not applicable

Long description:
In the past 12 months what was the average MONTHLY cost for gas?

Type:	Numeric
Edit flag variable:	JAMTG
Allocation Matrix:	Matrix D
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 95.5th percentile.
Before 2007, the first valid value for AMTG began at 4. In 2007, the lowest valid value for AMTG changed to 1.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Answered if pay for gas separately)] ; OR
5 : [Occupied interview] AND [Gas billed with other utilities] ; OR
6 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

AMTO =
Annual cost of fuel oil

4:9997	$4-$9,997
9998	$9,998 or more
B or -6	Not applicable

Long description:
From 12 months ago to current month and year, what was the total cost for fuel oil?

Type:	Numeric
Edit flag variable:	JAMTO
Allocation Matrix:	Matrix D
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Answered if pay for fuel oil separately)] ; OR
5 : [Occupied interview] AND [Fuel oil billed with other utilities]

BILLE =
Type of billing for electricity

1	Billed separately
2	Billed with other utilities
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Was the cost for electricity…

Type:	Character
Edit flag variable:	JBILLE
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Not occupied interview]; OR
2 : [Occupied interview] AND [Electric not billed with gas and electric not billed with oil and electric not billed with other fuels and electric not billed with trash/garbage and electric not billed with water/sewage]

BILLF =
Type of billing for other fuels

1	Billed separately
2	Billed with other utilities
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Was the total ANNUAL cost for wood, coal, kerosene or any other fuels...

Type:	Character
Edit flag variable:	JBILLF
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2007 code “1” was not used.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of other fuels is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for other non-specified fuels separately)]

BILLFE =
Other fuels billed with electricity

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for wood, coal, kerosene, or any other fuel is billed with --

Type:	Character
Edit flag variable:	JILLFE
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of other fuels is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for electricity separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for other non-specified fuels separately)] ; OR
7 : [Occupied interview] AND [Other fuels are billed separately or Does not know the type of billing for other fuels or Refused to answer the type of billing for other fuels]

BILLFG =
Other fuels billed with gas

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for wood, coal, kerosene, or any other fuel is billed with --

Type:	Character
Edit flag variable:	JILLFG
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Uncommon result, possible that there are no cases in the data.
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of other fuels is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for other non-specified fuels separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for gas separately)] ; OR
7 : [Occupied interview] AND [Other fuels are billed separately or Does not know the type of billing for other fuels or Refused to answer the type of billing for other fuels] ; OR
8 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

BILLFO =
Other fuels billed with fuel oil

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for wood, coal, kerosene, or any other fuel is billed with --

Type:	Character
Edit flag variable:	JILLFO
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of other fuels is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for other non-specified fuels separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for fuel oil separately)] ; OR
7 : [Occupied interview] AND [Other fuels are billed separately or Does not know the type of billing for other fuels or Refused to answer the type of billing for other fuels]

BILLFT =
Other fuels billed with garbage/trash

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for wood, coal, kerosene, or any other fuel is billed with --

Type:	Character
Edit flag variable:	JILLFT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of other fuels is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for other non-specified fuels separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for garbage/trash separately)] ; OR
7 : [Occupied interview] AND [Other fuels are billed separately or Does not know the type of billing for other fuels or Refused to answer the type of billing for other fuels]

BILLFW =
Other fuels billed with water/sewage

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for wood, coal, kerosene, or any other fuel is billed with --

Type:	Character
Edit flag variable:	JILLFW
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of other fuels is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for other non-specified fuels separately)] ; OR
6 : [Occupied interview] AND [(Don't pay for water separately or water is not used)] ; OR
7 : [Occupied interview] AND [Other fuels are billed separately or Does not know the type of billing for other fuels or Refused to answer the type of billing for other fuels]

BILLG =
Type of billing for gas

1	Billed separately
2	Billed with other utilities
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Was the average monthly cost for gas…

Type:	Character
Edit flag variable:	JBILLG
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2007 code “1” was not used.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Average monthly cost of gas is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for gas separately)] ; OR
6 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

BILLGE =

Gas billed with electricity

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for gas is billed with --

Type:	Character
Edit flag variable:	JILLGE
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Average monthly cost of gas is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for electricity separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for gas separately)] ; OR
7 : [Occupied interview] AND [Gas is billed separately or Does not know how gas is billed or Refused to answer how gas is billed] ; OR
8 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

BILLGF =
Gas billed with fuel oil

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for gas is billed with --

Type:	Character
Edit flag variable:	JILLGF
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Average monthly cost of gas is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for other non-specified fuels separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for gas separately)] ; OR
7 : [Occupied interview] AND [Gas is billed separately or Does not know how gas is billed or Refused to answer how gas is billed] ; OR
8 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

BILLGO =
Gas billed with other fuels

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for gas is billed with --

Type:	Character
Edit flag variable:	JILLGO
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Average monthly cost of gas is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for gas separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for fuel oil separately)] ; OR
7 : [Occupied interview] AND [Gas is billed separately or Does not know how gas is billed or Refused to answer how gas is billed] ; OR
8 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

BILLGT =
Gas billed with garbage/trash

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for gas is billed with --

Type:	Character
Edit flag variable:	JILLGT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Average monthly cost of gas is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for gas separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for garbage/trash separately)] ; OR
7 : [Occupied interview] AND [Gas is billed separately or Does not know how gas is billed or Refused to answer how gas is billed] ; OR
8 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

BILLGW =
Gas billed with water/sewage

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for gas is billed with --

Type:	Character
Edit flag variable:	JILLGW
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Uncommon result, possible that there are no cases in the data.
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Average monthly cost of gas is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for gas separately)] ; OR
6 : [Occupied interview] AND [(Don't pay for water separately or water is not used)] ; OR
7 : [Occupied interview] AND [Gas is billed separately or Does not know how gas is billed or Refused to answer how gas is billed] ; OR
8 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

BILLO =
Type of billing for fuel oil

1	Billed separately
2	Billed with other utilities
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Was the total cost for fuel oil...

Type:	Character
Edit flag variable:	JBILLO
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2007 code “1” was not used.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of fuel oil is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for fuel oil separately)]

BILLOE =
Fuel oil billed with electricity

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for fuel oil is billed with --

Type:	Character
Edit flag variable:	JILLOE
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of fuel oil is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for electricity separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for fuel oil separately)] ; OR
7 : [Occupied interview] AND [Fuel oil is billed separately or Does not know the type of billing for fuel oil or Refused to answer the type of billing for fuel oil]

BILLOF =
Fuel oil billed with other fuels

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for fuel oil is billed with --

Type:	Character
Edit flag variable:	JILLOF
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Uncommon result, possible that there are no cases in the data.
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of fuel oil is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for other non-specified fuels separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for fuel oil separately)] ; OR
7 : [Occupied interview] AND [Fuel oil is billed separately or Does not know the type of billing for fuel oil or Refused to answer the type of billing for fuel oil]

BILLOG =
Fuel oil billed with gas

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for fuel oil is billed with --

Type:	Character
Edit flag variable:	JILLOG
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of fuel oil is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for gas separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for fuel oil separately)] ; OR
7 : [Occupied interview] AND [Fuel oil is billed separately or Does not know the type of billing for fuel oil or Refused to answer the type of billing for fuel oil] ; OR
8 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

BILLOT =
Fuel oil billed with garbage/trash

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for fuel oil is billed with --

Type:	Character
Edit flag variable:	JILLOT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of fuel oil is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for fuel oil separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for garbage/trash separately)] ; OR
7 : [Occupied interview] AND [Fuel oil is billed separately or Does not know the type of billing for fuel oil or Refused to answer the type of billing for fuel oil]

BILLOW =
Fuel oil billed with water/sewage

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for fuel oil is billed with --

Type:	Character
Edit flag variable:	JILLOW
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of fuel oil is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for fuel oil separately)] ; OR
6 : [Occupied interview] AND [(Don't pay for water separately or water is not used)] ; OR
7 : [Occupied interview] AND [Fuel oil is billed separately or Does not know the type of billing for fuel oil or Refused to answer the type of billing for fuel oil]

BILLT =
Type of billing for garbage & trash

1	Billed separately
2	Billed with other utilities
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Was the total cost for garbage and trash collection...

Type:	Character
Edit flag variable:	JBILLT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2007 code “1” was not used.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of garbage and sewer is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for garbage/trash separately)]

BILLTE =
Garbage/trash billed with electricity

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for garbage and trash collection is billed with --

Type:	Character
Edit flag variable:	JILLTE
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of garbage and sewer is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for electricity separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for garbage/trash separately)] ; OR
7 : [Occupied interview] AND [Garbage and trash are billed separate from other utilities or Does not know type of billing for garbage and trash or Refused to answer how garbage and trash are billed]

BILLTF =
Garbage/trash billed with other fuels

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for garbage and trash collection is billed with --

Type:	Character
Edit flag variable:	JILLTF
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Uncommon result, possible that there are no cases in the data.
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of garbage and sewer is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for other non-specified fuels separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for garbage/trash separately)] ; OR
7 : [Occupied interview] AND [Garbage and trash are billed separate from other utilities or Does not know type of billing for garbage and trash or Refused to answer how garbage and trash are billed]

BILLTG =
Garbage/trash billed with gas

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for garbage and trash collection is billed with --

Type:	Character
Edit flag variable:	JILLTG
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of garbage and sewer is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for gas separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for garbage/trash separately)] ; OR
7 : [Occupied interview] AND [Garbage and trash are billed separate from other utilities or Does not know type of billing for garbage and trash or Refused to answer how garbage and trash are billed] ; OR
8 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

BILLTO =
Garbage/trash billed with fuel oil

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for garbage and trash collection is billed with --

Type:	Character
Edit flag variable:	JILLTO
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Uncommon result, possible that there are no cases in the data.
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of garbage and sewer is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for fuel oil separately)] ; OR
6 : [Occupied interview] AND [(Answered if pay for garbage/trash separately)] ; OR
7 : [Occupied interview] AND [Garbage and trash are billed separate from other utilities or Does not know type of billing for garbage and trash or Refused to answer how garbage and trash are billed]

BILLTW =
Garbage/trash billed with water/sewage

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for garbage and trash collection is billed with --

Type:	Character
Edit flag variable:	JILLTW
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Answered if pay for garbage/trash separately)] ; OR
5 : [Occupied interview] AND [(Don't pay for water separately or water is not used)] ; OR
6 : [Occupied interview] AND [Garbage and trash are billed separate from other utilities or Does not know type of billing for garbage and trash or Refused to answer how garbage and trash are billed]

BILLW =
Type of billing for water & sewage

1	Billed separately
2	Billed with other utilities
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Was the total cost for water supply and sewage disposal...

Type:	Character
Edit flag variable:	JBILLW
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Prior to 2007 code “1” was not used.

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of water is within range)] ; OR
5 : [Occupied interview] AND [(Don't pay for water separately or water is not used)]

BILLWE =
Water/sewage billed with electricity

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for water supply and sewage disposal is billed with --

Type:	Character
Edit flag variable:	JILLWE
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of water is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for electricity separately)] ; OR
6 : [Occupied interview] AND [(Don't pay for water separately or water is not used)] ; OR
7 : [Occupied interview] AND [Water and sewage billed separately from other utilities or Does not know type of billing for water and sewage or Refused to answer how water and sewage are billed]

BILLWF =
Water/sewage billed with other fuels

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for water supply and sewage disposal is billed with --

Type:	Character
Edit flag variable:	JILLWF
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of water is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for other non-specified fuels separately)] ; OR
6 : [Occupied interview] AND [(Don't pay for water separately or water is not used)] ; OR
7 : [Occupied interview] AND [Water and sewage billed separately from other utilities or Does not know type of billing for water and sewage or Refused to answer how water and sewage are billed]

BILLWG =
Water/sewage billed with gas

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for water supply and sewage disposal is billed with --

Type:	Character
Edit flag variable:	JILLWG
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of water is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for gas separately)] ; OR
6 : [Occupied interview] AND [(Don't pay for water separately or water is not used)] ; OR
7 : [Occupied interview] AND [Water and sewage billed separately from other utilities or Does not know type of billing for water and sewage or Refused to answer how water and sewage are billed] ; OR
8 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

BILLWO =
Water/sewage billed with fuel oil

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for water supply and sewage disposal is billed with --

Type:	Character
Edit flag variable:	JILLWO
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Uncommon result, possible that there are no cases in the data.
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of water is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for fuel oil separately)] ; OR
6 : [Occupied interview] AND [(Don't pay for water separately or water is not used)] ; OR
7 : [Occupied interview] AND [Water and sewage billed separately from other utilities or Does not know type of billing for water and sewage or Refused to answer how water and sewage are billed]

BILLWT =
Water/sewage billed with garbage/trash

1	Yes
2	No
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Average monthly cost for water supply and sewage disposal is billed with --

Type:	Character
Edit flag variable:	JILLWT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from “X” (positive response) to “1” (checked) and “2” (not checked).

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Answered if pay for garbage/trash separately)] ; OR
5 : [Occupied interview] AND [(Don't pay for water separately or water is not used)] ; OR
6 : [Occupied interview] AND [Water and sewage billed separately from other utilities or Does not know type of billing for water and sewage or Refused to answer how water and sewage are billed]

BUYE =
Pay for electricity separately

1	Not used
2	Included in rent, site rent, condominium or other fee, etc.
3	Obtained free
B or -6	Not applicable
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users a variable just like the one they received prior to the 1997 AHS-National file

Type:	Character
Edit flag variable:	JBUYE
Allocation Matrix:	Matrix D
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(The average monthly cost of electricity is within the range)]

BUYE2 =
Pay for electricity separately

1	Yes
2	No, included in rent
3	Not used
B or -6	Not applicable

Long description:
Do you pay separately for electricity?

Type:	Character
Edit flag variable:	JBUYE2
Allocation Matrix:	Matrix D
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For sale only or Sold, but not yet occupied) and Unit is a condo] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview]

BUYF =
Pay for other fuels separately

1	Not used
2	Included in rent, site rent, condominium or other fee, etc.
3	Obtained free
B or -6	Not applicable
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users a variable just like the one they received prior to the 1997 AHS-National file

Type:	Character
Edit flag variable:	JBUYF
Allocation Matrix:	Matrix D
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of other fuels is within range)] ; OR
5 : [Occupied interview] AND [The total annual cost for wood, coal, kerosene or any other fuels was billed with other fuels]

BUYF2 =
Pay for other fuels separately

1	Yes
2	No, included in rent
3	Not used
B or -6	Not applicable

Long description:
Do you pay separately for any other fuel?

Type:	Character
Edit flag variable:	JBUYF2
Allocation Matrix:	Matrix D
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For sale only or Sold, but not yet occupied) and Unit is a condo] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview]

BUYG =
Pay for gas separately

1	Not used
2	Included in rent, site rent, condominium or other fee, etc.
3	Obtained free
B or -6	Not applicable
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users a variable just like the one they received prior to the 1997 AHS-National file

Type:	Character
Edit flag variable:	JBUYG
Allocation Matrix:	Matrix D
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 1999, there was an error in some of the responses for BUYG, reporting blank values that should have been “1” (Not used). This can be corrected by looking at AMTG. If BUYG is properly blanked, AMTG should have a value. If AMTG is blank, then blank values of BUYG should be treated as “1.”

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Average monthly cost of gas is within range)] ; OR
5 : [Occupied interview] AND [Gas billed with other utilities] ; OR
6 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

BUYG2 =
Pay for gas separately

1	Yes
2	No, included in rent
3	Not used
B or -6	Not applicable

Long description:
Do you pay separately for gas?

Type:	Character
Edit flag variable:	JBUYG2
Allocation Matrix:	Matrix D
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For sale only or Sold, but not yet occupied) and Unit is a condo] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview]

BUYO =
Pay for fuel oil separately

1	Not used
2	Included in rent, site rent, condominium or other fee, etc.
3	Obtained free
B or -6	Not applicable
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users a variable just like the one they received prior to the 1997 AHS-National file

Type:	Character
Edit flag variable:	JBUYO
Allocation Matrix:	Matrix D
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [(Annual cost of fuel oil is within range)] ; OR
5 : [Occupied interview] AND [Fuel oil billed with other utilities]

BUYO2 =
Pay for fuel oil separately

1	Yes
2	No, included in rent
3	Not used
B or -6	Not applicable

Long description:
Do you pay separately for fuel oil?

Type:	Character
Edit flag variable:	JBUYO2
Allocation Matrix:	Matrix D
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For sale only or Sold, but not yet occupied) and Unit is a condo] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview]

CFUEL =
Fuel used most for cooking

1	Electricity
2	Gas, LP Gas (liquid propane (LP) same as bottled gas)
3	Kerosene or other liquid fuel
4	Coal or coke
5	Wood
6	Other; (SPECIFY)
7	No fuel used
B or -6	Not applicable

Long description:
What fuel is used MOST for cooking--electricity, gas or something else?

Type:	Character
Edit flag variable:	JCFUEL
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have working cook stove and/or range oven and Unit does not have working cooking burners and No working microwave oven] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

COKST =
Cook stove used as supplemental heating equipment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What OTHER kinds of working heating equipment does this housing unit HAVE or USE?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

DAFUR =
Forced air furnace - DK if supplemental/parallel

B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
This variable is a recode added to the file for the sole purpose of denoting that this piece of secondary heating equipment exists in the housing unit, but we do not know if it is a supplemental or parallel piece of heating equipment. The only nonblank value it will contain is a 'D'.

Type:	Character
Edit flag variable:	JDAFUR
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
Answer choice of D is appropriate response for condition being true.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Forced warm-air furnace with ducts & vents to individual rooms are not supplemental heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

DCOKST =
Cookstove - DK if supplemental/parallel heat equipment

B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
This variable is a recode added to the file for the sole purpose of denoting that this piece of secondary heating equipment exists in the housing unit, but we do not know if it is a supplemental or parallel piece of heating equipment. The only nonblank value it will contain is a 'D'.

Type:	Character
Edit flag variable:	JDCOOK
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
Answer choice of D is appropriate response for condition being true.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Cook stove is not used as supplemental heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

DEGREE =
Average heating/cooling degree days

1	Coldest:	7,001+ heating degree days and < 2,000 cooling degree days
2	Cold:	5,500-7,000 heating degree days and < 2,000 cooling degree days
3	Cool:	4,000-5,499 heating degree days and < 2,000 cooling degree days
4	Mild:	< 4,000 heating degree days and < 2,000 cooling degree days
5	Mixed:	2,000-3,999 heating degree days and 2,000+ cooling degree days
6	Hot:	< 2,000 heating degree days and 2,000+ cooling degree days

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse, typec
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Variable may be changed and/or suppressed in National Survey to comply with 100,000 population rule.

DELECT =
Built-in electric unit-DK if supplemental/parallel

B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
This variable is a recode added to the file for the sole purpose of denoting that this piece of secondary heating equipment exists in the housing unit, but we do not know if it is a supplemental or parallel piece of heating equipment. The only nonblank value it will contain is a 'D'.

Type:	Character
Edit flag variable:	JDELEC
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
Answer choice of D is appropriate response for condition being true.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Built in electrical units are not used as supplemental heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

DFLOT =
Vented room heater - DK if supplemental/parallel

B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
This variable is a recode added to the file for the sole purpose of denoting that this piece of secondary heating equipment exists in the housing unit, but we do not know if it is a supplemental or parallel piece of heating equipment. The only nonblank value it will contain is a 'D'.

Type:	Character
Edit flag variable:	JDFLOT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
Answer choice of D is appropriate response for condition being true.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Heating equipment is vented to outside] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

DFRPL =
Fireplace w/out inserts-DK supplemental/parallel

B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
This variable is a recode added to the file for the sole purpose of denoting that this piece of secondary heating equipment exists in the housing unit, but we do not know if it is a supplemental or parallel piece of heating equipment. The only nonblank value it will contain is a 'D'.

Type:	Character
Edit flag variable:	JDFRPL
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
Answer choice of D is appropriate response for condition being true.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have useable fireplace or Did not know if unit had useable fireplace or Refused to answer if unit had useable fireplace] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Fireplace has inserts to circulate more heat] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

DFRPLI =
Fireplace w/ inserts-DK if supplemental/parallel

B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
This variable is a recode added to the file for the sole purpose of denoting that this piece of secondary heating equipment exists in the housing unit, but we do not know if it is a supplemental or parallel piece of heating equipment. The only nonblank value it will contain is a 'D'.

Type:	Character
Edit flag variable:	JDFPLI
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
Answer choice of D is appropriate response for condition being true.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have useable fireplace or Did not know if unit had useable fireplace or Refused to answer if unit had useable fireplace] ;
OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Fireplace does not have inserts] ;
OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

DFUEL =
Fuel used by clothes dryer

1	Electricity
2	Gas, LP gas (liquid propane)
3	Other - SPECIFY
B or -6	Not applicable

Long description:
What type of fuel does the dryer use?

Type:	Character
Edit flag variable:	JDFUEL
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have a working clothes dryer] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

DHOTH =
Other type of heat equipment-DK if supplemental/parallel

B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
This variable is a recode added to the file for the sole purpose of denoting that this piece of secondary heating equipment exists in the housing unit, but we do not know if it is a supplemental or parallel piece of heating equipment. The only nonblank value it will contain is a 'D'.

Type:	Character
Edit flag variable:	JDHOTH
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
Answer choice of D is appropriate response for condition being true.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Other equipment is not used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

DHPMP =
Heat pump - DK is supplemental/parallel heat equipment

B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
This variable is a recode added to the file for the sole purpose of denoting that this piece of secondary heating equipment exists in the housing unit, but we do not know if it is a supplemental or parallel piece of heating equipment. The only nonblank value it will contain is a 'D'.

Type:	Character
Edit flag variable:	JDHPMP
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
Answer choice of D is appropriate response for condition being true.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Electric heat pump is not used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

DPLF =
Pipeless furnace - DK if supplemental/parallel

B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
This variable is a recode added to the file for the sole purpose of denoting that this piece of secondary heating equipment exists in the housing unit, but we do not know if it is a supplemental or parallel piece of heating equipment. The only nonblank value it will contain is a 'D'.

Type:	Character
Edit flag variable:	JDPLF
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
Answer choice of D is appropriate response for condition being true.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Pipeless furnace is NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

ELECT =
Electrical units used as supplemental heat equipment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What OTHER kinds of working heating equipment does this housing unit HAVE or USE?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FAFUR =
Fuel used by forced warm-air furnace

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable

Long description:
What type of fuel does the forced warm-air furnace with ducts and vents to individual rooms use?

Type:	Character
Edit flag variable:	JFAFUR
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Forced warm-air furnace with ducts & vents to individual rooms are not supplemental heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FCOKST =
Fuel used by cookstove

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	JFCOOK
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Cook stove is not used as supplemental heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FELECT =
Fuel used by built-in electric units

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable

Long description:
What type of fuel does the built-in electric unit use?

Type:	Character
Edit flag variable:	JFELEC
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Built in electrical units are not used as supplemental heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FFLIN =
Fuel used by unvented room heaters

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable

Long description:
What type of fuel does the unvented room heater burning kerosene, gas, or oil use?

Type:	Character
Edit flag variable:	JFFLIN
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Heating equipment is vented to outside] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FFLOT =
Fuel used by vented room heaters

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable

Long description:
What type of fuel does the vented room heater burning kerosene, gas, or oil use?

Type:	Character
Edit flag variable:	JFFLOT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Heating equipment is vented to outside] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FFRPL =
Fuel used by fireplace without inserts

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What fuel is used for the fireplace without inserts?

Type:	Numeric
Edit flag variable:	JFFRPL
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have useable fireplace or Did not know if unit had useable fireplace or Refused to answer if unit had useable fireplace] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Fireplace has inserts to circulate more heat] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FFRPLI =
Fuel used by fireplace with inserts

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable
D or -7	Don't know

Long description:
What fuel is used for the fireplace with inserts?

Type:	Numeric
Edit flag variable:	JFFPLI
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have useable fireplace or Did not know if unit had useable fireplace or Refused to answer if unit had useable fireplace] ;
OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Fireplace does not have inserts] ;
OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FHOTH =
Fuel used by other supplemental heating equipment

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable
D or -7	Don't know

Long description:
What type of fuel does the other heating equipment use?

Type:	Character
Edit flag variable:	JFHOTH
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Other equipment is not used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FHPMP =
Fuel used by electric heat pump

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable

Long description:
What type of fuel does the electric heat pump use?

Type:	Character
Edit flag variable:	JFHPMP
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Electric heat pump is not used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FLIN =
Room heater not vented to outside

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is it VENTED to the outside through a chimney, flue, or pipes OR is it UNVENTED?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked). Information on [Working room heaters] is not available on the public use file.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [(Occupied interview or URE interview or vacant interview)] AND [Working room heaters] ; OR
4 : [NOT (occupied interview or URE interview or vacant interview)]

FPLF =
Fuel used by built-in pipeless furnace

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable

Long description:
What type of fuel does the floor, wall, or other pipeless furnace built into the structure use?

Type:	Character
Edit flag variable:	JFPLF
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Pipeless furnace is NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FPORTH =
Fuel used by portable electric heaters

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable

Long description:
What type of fuel does the portable electric heater use?

Type:	Numeric
Edit flag variable:	JFPORH
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Portable heaters are NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FSTEAM =
Fuel used by steam/hot water system

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable

Long description:
What type of fuel does the steam/hot water system with radiators OR other system using steam/hot water use?

Type:	Character
Edit flag variable:	JFSTEA
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Steam system NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

FSTOVE =
Fuel used by woodburning/franklin stove

1	Electricity
2	Gas, LP gas (propane)
3	Fuel Oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other, (SPECIFY)
B or -6	Not applicable

Long description:
What type of fuel does the woodburning, pot belly, or franklin stove use?

Type:	Character
Edit flag variable:	JFSTOV
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Wood stove NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

GASPI2 =
Source of gas heat for vacant units

1	Underground pipes serving the neighborhood
2	Bottled gas
B or -6	Not applicable

Long description:
Is it from underground pipes or bottled gas?

Type:	Character
Edit flag variable:	JASPI2
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [Unit is not heated by liquid gas or propane] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
3 : [Occupied interview]

GASPIP =

Gas from underground pipes or bottles

1	Underground pipes serving neighborhood
2	Bottled gas
B or -6	Not applicable

Long description:
Is the gas from underground pipes or bottled gas?

Type:	Character
Edit flag variable:	JASPIP
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
4 : [Occupied interview] AND [Gas is not used] ; OR
5 : [Occupied interview] AND [Household does NOT use gas or Don't know if household uses gas or Refused to disclose if household uses gas]

HEQUIP =
Main heating equipment

1	Forced warm-air furnace with ducts and vents to individual rooms
2	Steam or hot water system with radiators OR other system using steam or hot water
3	Electric heat pump
4	Built-in electric baseboard heating or electric coils in floors, ceilings, or walls
5	Floor, wall, or other pipeless furnace built into the building
6	VENTED room heaters burning kerosene, gas, or oil
7	UNVENTED room heaters burning kerosene, gas, or oil
8	Portable electric heaters
9	Woodburning stove, pot belly stove, Franklin stove
10	Fireplace WITH inserts
11	Fireplace WITHOUT inserts
12	Other heating equipment
13	No heating equipment
14	Cooking stove (gas or electric)
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	JEQUIP
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

HFUEL =
Fuel used most for heating unit

1	Electricity
2	Gas, LP gas (liquid propane(LP) same as bottled gas)
3	Fuel oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other; SPECIFY
9	None
B or -6	Not applicable

Long description:
What fuel is used MOST for heating this housing unit?

Notes:
In 2005, “Other, SPECIFY” was not a valid category option.

Type:	Character
Edit flag variable:	JHFUEL
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

HOTH =
Other equipment used as supplemental heating equipment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What OTHER kinds of working heating equipment does this housing unit HAVE or USE?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

HPMP =
Heat pump used as supplemental heating equipment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What OTHER kinds of working heating equipment does this housing unit HAVE or USE?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

NONE =
No supplemental heating equipment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What OTHER kinds of working heating equipment does this housing unit HAVE or USE?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [See comments] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

OAFUEL =
Secondary fuel used by other central a/c unit

1	Electricity
2	Gas, LP Gas (liquid propane (LP) same as bottled gas)
3	Other: specify
B or -6	Not applicable

Long description:
What kind of fuel does this other central air conditioning system use?

Type:	Numeric
Edit flag variable:	JOAFUE
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Central air conditioning system is not used] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No other central A/C system or Don't know if other central A/C system or Refused to disclose if other central A/C system] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PAFUR =
Forced air furnace is parallel supplemental equipment

X	Unit has parallel use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this forced warm-air furnace with ducts and vents to individual rooms used to heat an area of this housing unit that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Forced warm-air furnace with ducts & vents to individual rooms are not supplemental heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PCOKST =
Cookstove is parallel supplemental heating equipment

X	Unit has parallel use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this electric or gas cook stove
used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Cook stove is not used as supplemental heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PELECT =
Built-in electric unit is parallel equipment

X	Unit has parallel use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this built-in electric unit
used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Built in electrical units are not used as supplemental heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PFLOT =
Vented room heater is parallel supplemental equipment

X	Unit has parallel use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this vented room heater burning kerosene, gas, or
oil used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Heating equipment is vented to outside] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PFRPL =
Fireplace without inserts is parallel equipment

X	Unit has parallel use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this fireplace without inserts
used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have useable fireplace or Did not know if unit had useable fireplace or Refused to answer if unit had useable fireplace] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Fireplace has inserts to circulate more heat] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PFRPLI =
Fireplace w/ inserts is parallel equipment

X	Unit has parallel use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this fireplace with inserts
used to heat an area of this unit
that would not be heated by primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have useable fireplace or Did not know if unit had useable fireplace or Refused to answer if unit had useable fireplace] ;
OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Fireplace does not have inserts] ;
OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PHOTH =
Some other type is parallel supplemental equipment

1	Yes
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this other heating equipment
used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Other equipment is not used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PHPMP =
Heat pump is parallel supplemental equipment

X	Unit has parallel use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this electric heat pump
used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Electric heat pump is not used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PLF =
Pipeless furnace used as supplemental heating equipment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What OTHER kinds of working heating equipment does this housing unit HAVE or USE?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PORTH =
Portable electric heaters used as supplemental heating equipment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What OTHER kinds of working heating equipment does this housing unit HAVE or USE?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PPLF =
Pipeless furnace is parallel supplemental equipment

X	Unit has parallel use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this floor, wall, or other pipeless furnace built into
the structure used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Pipeless furnace is NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PSTEAM =
Steam/hot water system is parallel equipment

X	Unit has parallel use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this steam/hot water system with radiators OR other system using steam/hot water used to heat an area of this housing unit that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Steam system NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

PSTOVE =
Woodburning stove is parallel supplemental equipment

X	Unit has parallel use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this woodburning, pot belly, or franklin stove
used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Wood stove NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SAFUR =
Forced air furnace is supplemental heating equipment

X	Unit has supplemental use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this forced warm-air furnace with ducts and vents to individual rooms used to heat an area of this housing unit that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Forced warm-air furnace with ducts & vents to individual rooms are not supplemental heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SAMEELEC =
Electricity flat billed

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Some electric companies have payment plans that charge households the same amount every bill. Are your costs for electricity the same every bill?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

Notes:
Information on [Not billed separately for electricity] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Not billed separately for electricity] ; OR
3 : [Noninterview]

SAMEGAS =
Gas flat billed

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Some gas companies have payment plans that charge households the same amount every bill. Are your costs for gas the same every bill?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

Notes:
Information on [Not billed separately for gas] is not available on the public use file.

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Not billed separately for gas or uses bottled gas] ; OR
3 : [Noninterview]

SCOAL =
Supplemental heating equipment uses coal/coke

1	Coal/coke is a fuel used by supplemental heating equipment
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users
a variable just like the one they received prior to the 1997
AHS-National file

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

SCOKST =
Cookstove is supplemental heating equipment

X	Unit has supplemental use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this electric or gas cook stove
used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Cook stove is not used as supplemental heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SELECT =
Built-in electric units are supplemental heat equipment

X	Unit has supplemental use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this built-in electric unit
used to heat an area of this housing unit
that would not be heated by this primary heating equipment?
PLEASE NOTE - Because of conflicts with system reserved words in FERRET,
this item is known as SELECT_ in the FERRET system.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Built in electrical units are not used as supplemental heating equipment] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SFLIN =
Unvented room heaters are supplemental heat equipment

X	Unit has supplemental use, [insert name of equipment type]
B or -6	Not applicable

Long description:
Is this unvented room heater burning kerosene, gas, or
oil used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	JSFLIN
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Heating equipment is vented to outside] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SFLOT =
Vented room heaters are supplemental heat equipment

X	Unit has supplemental use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this vented room heater burning kerosene, gas, or
oil used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Heating equipment is vented to outside] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SFRPL =
Fireplace without inserts is supplemental equipment

X	No, none have inserts
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Does it have inserts, that is, equipment designed to circulate more heat into the room?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Notes:
The fireplaces in question must be considered supplemental heating equipment. The inserts option is only to distinguish between the two possibilities for supplemental heating fireplaces.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have useable fireplace or Did not know if unit had useable fireplace or Refused to answer if unit had useable fireplace] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Fireplace has inserts to circulate more heat] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SFRPLI =
Fireplace w/ inserts is supplemental heat equipment

X	Yes, some or all with inserts
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Does it have inserts, that is, equipment designed to circulate more heat into the room?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have useable fireplace or Did not know if unit had useable fireplace or Refused to answer if unit had useable fireplace] ;
OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Fireplace does not have inserts] ;
OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SGAS =
Supplemental heating equipment uses gas

1	Gas is a fuel used by supplemental heating equipment
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users
a variable just like the one they received prior to the 1997
AHS-National file

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

SHOTH =
Some other type is supplemental heating equipment

X	Unit has supplemental use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is some other heating equipment
used to heat an area of this housing unit
that would not be heated by some heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Other equipment is not used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SHPMP =
Heat pump is supplemental heating equipment

X	Unit has supplemental use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is some electric heat pump
used to heat an area of this housing unit
that would not be heated by some heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Electric heat pump is not used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SJUICE =

Supplemental heating equipment uses electricity

1	Electricity is a fuel used by supplemental heating equipment
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users
a variable just like the one they received prior to the 1997
AHS-National file

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

SKERO =

Supplemental heating equipment uses kerosene

1	Kerosene is a fuel used by supplemental heating equipment
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users
a variable just like the one they received prior to the 1997
AHS-National file

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

SOIL =

Supplemental heating equipment uses fuel oil

1	Fuel oil is a fuel used by supplemental heating equipment
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users
a variable just like the one they received prior to the 1997
AHS-National file

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

SOTHER =

Supplemental heating equipment uses other fuel

1	Other fuel is a fuel used by supplemental heating equipment
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users
a variable just like the one they received prior to the 1997
AHS-National file

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

SPLF =
Pipeless furnace is supplemental heating equipment

X	Unit has supplemental use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this floor, wall, or other pipeless furnace built into
the structure used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Pipeless furnace is NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SPORTH =

Portable heaters are supplemental heating equipment

X	Unit has supplemental use, [insert name of equipment type]
B or -6	Not applicable

Long description:
Is this portable electric heater
used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	JSPORH
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Portable heaters are NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SSTEAM =

Steam/hot water system is supplemental heat equipment

X	Unit has supplemental use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this steam/hot water system with radiators OR other system using steam/hot water used to heat an area of this housing unit that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Steam system NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SSTOVE =
Woodburning stove is supplemental heating equipment

X	Unit has supplemental use, [insert name of equipment type]
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Is this woodburning, pot belly, or franklin stove
used to heat an area of this housing unit
that would not be heated by this primary heating equipment?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Wood stove NOT used as supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SSUN =
Supplemental heating equipment uses solar energy

1	Solar energy is a fuel used by supplemental heating equipment
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users
a variable just like the one they received prior to the 1997
AHS-National file

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

STOVE =
Wood stove used as supplemental heating equipment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What OTHER kinds of working heating equipment does this housing unit HAVE or USE?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [No fuel is used for heating the unit] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No supplemental heating equipment] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

SWOOD =
Supplemental heating equipment uses wood

1	Wood is a fuel used by supplemental heating equipment
Blank or -9	Not reported

Long description:
This variable is a recode added to the file to provide the data users a variable just like the one they received prior to the 1997 AHS-National file

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

USEGAS =
Household uses gas

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do you use gas?

Type:	Character
Edit flag variable:	JSEGAS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] AND [(For rent only, or 'for rent or for sale' for sale only, or rented, but not yet occupied, or sold, but not yet occupied)] ; OR
2 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

USELECT =

Household uses electricity

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do you use electricity in your home?

Type:	Character
Edit flag variable:	JUSELECT
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Not occupied interview]; OR
2 : [Occupied interview] AND [there are no working electrical plugs or (heating fuel is not electric and cooking fuel is not electric and a/c fuel is not electric and dryer fuel is not electric and other a/c unit fuel is not electric and the fuel used to heat water is not electric)]

USEOIL =
Household uses oil

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do you use fuel oil in your home?

Type:	Character
Edit flag variable:	JUSEOIL
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Not occupied interview]; OR
2 : [Occupied interview] AND [heating fuel is not fuel oil and the fuel used to heat water is not fuel oil]

USEOTHR =
Household uses other fuels

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do you use wood, coal, kerosene or any other fuel in your home?

Type:	Character
Edit flag variable:	JUSEOTHR
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Not occupied interview]; OR
2 : [Occupied interview] AND [heating fuel is not other fuels and cooking fuel is not other fuels and a/c fuel is not other fuels and dryer fuel is not other fuels and other a/c unit fuel is not other fuels and the fuel used to heat water is not other fuels]

WFUEL =
Fuel used most to heat water

1	Electricity
2	Gas, LP gas (liquid propane(LP) same as bottled gas)
3	Fuel oil
4	Kerosene or other liquid fuel
5	Coal or coke
6	Wood
7	Solar energy
8	Other; SPECIFY
B or -6	Not applicable

Long description:
What type of fuel is used MOST to heat the water?

Type:	Character
Edit flag variable:	JWFUEL
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have hot and cold running water] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

Recent Movers

Data on recent movers are shown for households where the householder or a member of the household moved into the present unit during the 24 months prior to the interview. Questions in this section ask about the reasons for moving and for choosing the current unit as well as about the previous residence. Questions about the previous residence are asked of every recent mover in the household while the questions about the reasons for moving and choice of unit are asked only of the one person responding for the mover group.

ALMV =

All movers lived in same previous residence

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Earlier you told me (READ NAMES ABOVE) moved into this housing unit after another member?. Did you move here from the same previous residence?

Type:	Character
Edit flag variable:	JALMV
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

FAMGRP =

Family mover group

If using single file version of AHS, this variable becomes: **FAMGRP1-FAMGRP16**

1:4	1-4

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

Notes:

The file-flattener program for the 2005 national PUF created FAMGRP in the process of flattening the file. In the single-file version for 2005, FAMGRP replaced MVG and has the same meaning and coding as MVG. FAMGRP does not appear in the 2005 PUF as released by the Census Bureau.

HEARHS =

How respondent learned about this unit

1	Word of mouth
2	Daily newspaper
3	Weekly newspaper or giveaway publication
4	Craigslist
5	Realtor.com
6	Ad on a different internet site
7	Apartment rental agency listing
8	Talking with a real estate agent
9	Sign on outside of building
10	Billboard
11	Radio ad
12	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How did you first learn about this housing unit?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
HEARHS moved from Housing Costs to Recent Movers in 2011. In addition, new response categories were added and there was a minor change in wording.

HHMOVE =
Year householder moved in

Information for this variable is also stored in: **MOVE1**

1800:2013 1800-2013

Type:	Numeric
Edit flag variable:	JHHMOVE
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HHMOVM =
Month householder moved in

Information for this variable is also stored in: **MOVM1**

Type:	Numeric
Edit flag variable:	JHHMOVM
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HHMVG =
Recent mover group of householder

Information for this variable is also stored in: **MVG1**

1:4	1-4
B or -6	Not applicable

Type:	Character
Edit flag variable:	JHHMVG
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

HUHIS =
What happened to the old unit

1	Moved
2	Demolished
3	Lost to disaster (fire, tornado, etc.)
4	Wrong unit visited last enumeration period
5	Converted to storage, garage, or office
6	Other, specify
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
What happened to the old unit?
[if htype eq <3> or htype eq <4>]
(IF THE RESPONDENT DOES NOT KNOW, ASK OWNER OF MH PARK)
[endif]

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Before 2003, response code 5 signified "other, specify" and there was no code 6. A new response, "converted to storage, garage, or office" was added in 2003 and assigned to code 5 and "other, specify" became code 6.
Information on [HU is part of a new incoming sample] is not available on the public use file.

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview or Type A or B noninterview)] AND [HU is part of a new incoming sample] ; OR
2 : [(Occupied interview or URE interview or vacant interview or Type A or B noninterview)] AND [NOT different HU as last enumeration]

LISCH =

Any changes to apartment in last 2 years

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
We are interested in any changes that may have taken place in the apartment since number of last year. Has any construction or other changes been done to this apartment that has altered the size of the apartment in the past 2 years, that is since number of last year?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

MOVE =

Year person moved in

If using single file version of AHS, this variable becomes: **MOVE1-MOVE16**
Information for MOVE1 variable (head of household) is also stored in: **HHMOVE**

1800:2013	1800-2013

Long description:
When did this person move to this housing unit?

Type:	Numeric
Edit flag variable:	JMOVE
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
X in response categories indicating "person born here" was dropped in 2011

MOVGRP =

Recent mover group

If using single file version of AHS, this variable becomes: **MOVGRP1-MOVGRP16**

1:4 1-4

Type:	Character
Edit flag variable:	JOVGRP
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

MOVM =

Month person moved in

If using single file version of AHS, this variable becomes: **MOVM1-MOVM16**
Information for MOVM1 variable (head of household) is also stored in: **HHMOVM**

1:12 January-December

Long description:
When did you move to this housing unit?

Type:	Numeric
Edit flag variable:	JMOVM
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

MOVYR =

Year moved in. **MOVYR1**–**MOVYR16** record year person 1–16 moved in.

This variable occurs in the single file versions of the AHS created by file flattener programs prior to the 2007 national and metro surveys. It replaces MOVE and has the same meaning and coding as MOVE. MOVYR does not appear in the PUF as released by the Census Bureau.

MVCNT1 =
Number of people in mover group #1

1:30	1-30
B or -6	Not applicable
. or -9	Not reported

Type:	Numeric
Edit flag variable:	JVCNT1
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

MVCNT2 =
Number of people in mover group #2

1:30	1-30
B or -6	Not applicable
. or -9	Not reported

Type:	Numeric
Edit flag variable:	JVCNT2
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

MVCNT3 =

Number of people in mover group #3

1:30	1-30
B or -6	Not applicable
. or -9	Not reported

Type:	Numeric
Edit flag variable:	JVCNT3
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

MVG =

Recent mover group

If using single file version of AHS, this variable becomes: **MVG1-MVG16**

1:4	1-4
B or -6	Not applicable

Type:	Character
Edit flag variable:	JMVG (1997-2009) and JOVGRP (2011 and after)
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

NLBSY =
Stopped looking at homes - too busy

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Some people look for new housing. Did you stop looking, because you...

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

NLHPPY =
Stopped looking - happy with this unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Some people look for new housing. Did you stop looking, because you...

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

NLMOBL =
Stopped looking - had trouble traveling

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Some people look for new housing. Did you stop looking, because you...

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

NLMOV =
Stopped looking - had to move quickly

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Some people look for new housing. Did you stop looking, because you...

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

NLNLIK =
Stopped looking - don't like looking

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Some people look for new housing. Did you stop looking, because you...

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

NLNPR =
Stopped looking for no particular reason

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Some people look for new housing. Did you stop looking, because you...

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

NLOTHR =
Stopped looking for some other reason

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Some people look for new housing. Did you stop looking, because you...

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

NLUNK =

Stopped looking - didn't know of others

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Some people look for new housing. Did you stop looking, because you...

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

NUMHS =

homes looked at before choosing this one

0:2	
3:99	
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
About how many other homes did you look at before you chose this one?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

PMOVM =

Month of previous move before this one

1:12	1-12
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
When was the last time you moved before this?
What month was that? @PMOVM
(1) January (5) May (9) September
(2) February (6) June (10) October
(3) March (7) July (11) November
(4) April (8) August (12) December

Type:	Numeric
Edit flag variable:	JPMOVM
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011

PMOVYR =

Year of previous move before this one

1900:2011	1900-2011
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
When was the last time you moved before this?
ENTER 4 DIGIT YEAR @PMOVYR

Type:	Numeric
Edit flag variable:	JPMVYR
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011

RMOV =
Mover group number

1:3	1-3
. or -9	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

TLRMOV =
Number of people moved into unit in last 2 years

0:30	0-30
. or -9	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

WHAVL =
Liked unit because only one available

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now considering your home, what attracted you to THIS housing unit?

Type:	Character
Edit flag variable:	JWHAVL
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WHDSN =
Liked unit because of room layout/design

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now considering your home, what attracted you to THIS housing unit?

Type:	Character
Edit flag variable:	JWHDSN
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WHEXT =
Liked unit because of exterior appearance

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now considering your home, what attracted you to THIS housing unit?

Type:	Character
Edit flag variable:	JWHEXT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WHFIN =
Liked unit for financial reasons

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now considering your home, what attracted you to THIS housing unit?

Type:	Character
Edit flag variable:	JWHFIN
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WHKIT =

Liked unit because of kitchen

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now considering your home, what attracted you to THIS housing unit?

Type:	Character
Edit flag variable:	JWHKIT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WHNHD =

Liked unit because of neighborhood

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now, think about your home. People have many reasons for choosing their homes other than its location. What attracted you to the home? The neighborhood itself?

Type:	Character
Edit flag variable:	JWHNHD
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WHOTH =
Liked unit for other reasons

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now considering your home, what attracted you to THIS housing unit?

Type:	Character
Edit flag variable:	JWHOTH
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WHQUL =
Liked unit because of construction quality

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now considering your home, what attracted you to THIS housing unit?

Type:	Character
Edit flag variable:	JWHQUL
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WHSIZ =
Liked unit because of size

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now considering your home, what attracted you to THIS housing unit?

Type:	Character
Edit flag variable:	JWHSIZ
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WHYMOVE =
Main reason moved

0	All reasons of equal importance
1	Private company or person wanted to use it
2	Forced to leave by the government
3	Disaster loss (fire, flood, etc.)
4	New job or job transfer
5	To be closer to work/school/other
6	Other, financial/employment related
7	To establish own household
8	Needed a larger house or apartment
9	Married, widowed, divorced, or separated
10	Other, family/personal related
11	Wanted a better quality house (apartment)
12	Change from owner to renter OR renter to owner
13	Wanted lower rent or less expensive house to maintain
14	Other housing related reasons
15	Other – Specify (Prior to 2005)
15	Evicted from residence (2005 onwards)
16	Other – Specify (2005-2009)
16	Foreclosure (2011 onwards)
17	Hurricane Katrina (2009 New Orleans metro survey only)
17	Other – Specify (2011 onwards)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
What was the MAIN reason you moved?

Type:	Numeric
Edit flag variable:	JHYMOV
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

WHYRD =
Liked unit because of yard/trees/view

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now considering your home, what attracted you to THIS housing unit?

Type:	Character
Edit flag variable:	JWHYRD
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WHYTOH =
Main reason this unit was chosen

1	Financial reasons
2	Room layout/design
3	Size
4	Exterior appearance
5	Yard/trees/view
6	Quality of construction
7	Only one available
8	The neighborhood itself
9	Other-SPECIFY
10	All reasons of equal importance
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What was the MAIN reason you chose this housing unit?

Type:	Character
Edit flag variable:	JHYTOH
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011 and earlier, some of the response codes had different meanings. 3: Kitchen; 4: Size; 5: Exterior appearance; 6: Yard/trees/view; 7: Quality of construction; 8: Only one available. In addition, in 2013 response code 0 (All reasons equal) was dropped and replaced with 10: All reasons of equal importance.

WHYTON =
Main reason this neighborhood was chosen

1	Convenient to job
2	Convenient to friends or relatives
3	Convenient to amenities
4	Convenient to public transportation
5	Other public services
6	Good schools
7	Looks/design of neighborhood
8	Safety
9	Familiarity with neighborhood
10	House was an important consideration
11	Other
12	All reasons equal
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What is the MAIN reason you chose this neighborhood?

Type:	Character
Edit flag variable:	JHYTON
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011 and earlier, some of the response codes had different meanings. 3: Convenient to leisure activities; 5: Good schools; 6: Other public services; 8: House was an important consideration; 9: Other; and 0: All reasons equal. In addition, prior to 2013 response codes 10, 11, and 12 did not exist.

WMCHEP =
Moved here for less expensive rent/maintenance

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMCHEP
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMCHTN =
Moved here to own not rent or vice versa

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMCHTN
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMCLOS =
Moved to be closer to work/school/other

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMCLOS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMCNDO =
Moved because unit was going condo/co-op

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Because that unit was going to become a condominium or cooperative?

Type:	Character
Edit flag variable:	JMCNDO
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, response codes 1 and 2 changed from Yes and No checked and not checked.

WMDISL =
Moved because of disaster loss

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMDISL
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMEVIC =
Main reason for moving – eviction

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMEVIC
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [Respondent NOT moved in the last 2 years]

WMFAML =
Moved for other family/personal reasons

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMFAML
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMFEMP =

Moved for other financial/employment reasons

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMFEMP
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMFORE =

Moved for foreclosure reasons

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMFORE
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

WMGOVP =

Moved because government using land/unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did you leave because the government wanted to use the land or building for some other purpose?

Type:	Character
Edit flag variable:	JMGOVP
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

WMGOVT =

Force to move by government

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Because the government forced you to leave?

Type:	Character
Edit flag variable:	JMGOVT
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMHOUS =
Moved for other housing related reasons

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMHOUS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMJOBS =
Moved for new job or job transfer

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMJOBS
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMLARG =
Moved because needed larger unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMLARG
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMMARR =

Moved because of marital status change

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMMARR
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMNFIT =

Moved because unit was condemned

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Because that residence was condemned by the government as unfit for occupancy?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

WMONHH =
Moved to establish own household

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMONHH
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMOTHR =

Moved for some other reason

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMOTHR
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMOWNR =

Moved because owner taking over unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did you leave because the owner, or members of the owner's family were going to move into that residence?

Type:	Character
Edit flag variable:	JMOWNR
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

WMPRIV =
Moved because private company/person wants unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In addition to the reasons given, did you leave because a private company or person wanted to use it for some purpose?

Type:	Character
Edit flag variable:	JMPRIV
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMQUAL =

Moved to obtain higher quality unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	JMQUAL
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WMREPR =

Moved because unit closed for repairs

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Because that residence was closed for repairs?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

WNAMEN =

Chose neighborhood because of convenience to amenities

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
People have many reasons for choosing the neighborhood in which they live, which are different from reasons for choosing a particular home. What attracted you to the neighborhood? Its convenience to amenities (like restaurants, theaters, shopping, and doctors' offices)?

Type:	Character
Edit flag variable:	JWNAMEN
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WNFAMILR =

Chose neighborhood because of familiarity

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
People have many reasons for choosing the neighborhood in which they live, which are different from reasons for choosing a particular home. What attracted you to the neighborhood? Your familiarity with the neighborhood?

Type:	Character
Edit flag variable:	JWNFAMILR
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WNFUN =
Chose neighborhood for close leisure activity

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
People's reasons for selecting a new neighborhood may be different from their reasons for choosing a particular home. What attracted you to this NEIGHBORHOOD?

Type:	Character
Edit flag variable:	JWNFUN
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WNHOME =
Chose neighborhood because of unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
People's reasons for selecting a new neighborhood may be different from their reasons for choosing a particular home. What attracted you to this NEIGHBORHOOD?

Type:	Character
Edit flag variable:	JNHOME
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WNJOB =
Chose neighborhood because close to work

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
People's reasons for selecting a new neighborhood may be different from their reasons for choosing a particular home. What attracted you to this NEIGHBORHOOD?

Type:	Character
Edit flag variable:	JWNJOB
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WNLOOK =
Chose neighborhood for its looks/design

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
People's reasons for selecting a new neighborhood may be different from their reasons for choosing a particular home. What attracted you to this NEIGHBORHOOD?

Type:	Character
Edit flag variable:	JNLOOK
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WNOTHR =
Chose neighborhood for other reasons

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
People's reasons for selecting a new neighborhood may be different from their reasons for choosing a particular home. What attracted you to this NEIGHBORHOOD?

Type:	Character
Edit flag variable:	JNOTHR
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WNPEPL =

Chose neighborhood since close to friends/family

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
People's reasons for selecting a new neighborhood may be different from their reasons for choosing a particular home. What attracted you to this NEIGHBORHOOD?

Type:	Character
Edit flag variable:	JNPEPL
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WNSAFETY =

Chose neighborhood because of safety

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
People have many reasons for choosing the neighborhood in which they live, which are different from reasons for choosing a particular home. What attracted you to the neighborhood? The safety of the neighborhood?

Type:	Character
Edit flag variable:	JWNSAFETY
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WNSCH =
Chose neighborhood because of good schools

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
People's reasons for selecting a new neighborhood may be different from their reasons for choosing a particular home. What attracted you to this NEIGHBORHOOD?

Type:	Character
Edit flag variable:	JWNSCH
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WNSRV =
Chose neighborhood for other public services

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
People's reasons for selecting a new neighborhood may be different from their reasons for choosing a particular home. What attracted you to this NEIGHBORHOOD?

Type:	Character
Edit flag variable:	JWNSRV
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

WNTRAN =
Chose neighborhood since close to public trans.

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
People's reasons for selecting a new neighborhood may be different from their reasons for choosing a particular home. What attracted you to this NEIGHBORHOOD?

Type:	Character
Edit flag variable:	JNTRAN
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

XCOND =

Previous residence was condo/co-op

If using single file version of AHS, this variable becomes: **XCOND1-XCOND16**

1	Cooperative
2	Condominium
3	Neither
4	Don't know
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was the previous residence part of a condominium or cooperative, or neither one?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
4 is an older "Don't know" code.

XCOOP =

Previous residence was a cooperative

If using single file version of AHS, this variable becomes: **XCOOP1-XCOOP16**

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know

Long description:
For this survey, a cooperative is property that is owned by a corporation made up of resident shareholders. Co-op owners can live in their unit or rent it out. Is this what you mean when you say your former home was a cooperative?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

XCOST =

Current housing costs same as old unit

If using single file version of AHS, this variable becomes: **XCOST1-XCOST16**

1	Increase
2	Decrease
3	Stayed about the same
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
When you moved, did your housing costs increase, decrease, or stay about the same including utilities and other costs. (Compare their share, if not whole household)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

XHEAD =

Previous unit owned/rented by one who moved here

If using single file version of AHS, this variable becomes: **XHEAD1-XHEAD16**

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was that unit owned/rented by someone who moved here?

Type:	Character
Edit flag variable:	JXHEAD
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

XHRATE =

Current unit better/worse than old unit

1	Better
2	Worse
3	About the same
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is this housing unit better, worse, or about the same as your last home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

XINUS =

Previous residence outside United States

If using single file version of AHS, this variable becomes: **XINUS1-XINUS16**

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What city, county, and State did this person live in just before moving here?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011

Notes:
In 2011, the response codes changed from "X" (positive response) to "1" (checked) and "2" (not checked).

XNRATE =

Current neighborhood better/worse than old one

1	Better
2	Worse
3	About the same
4	Same neighborhood
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is this neighborhood better, worse, or about the same as your last neighborhood?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

XPER =

people living in last unit before move

If using single file version of AHS, this variable becomes: **XPER1-XPER16**

1:30	1-30 people
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How many people lived in that household just before the move?

Type:	Numeric
Edit flag variable:	JXPER
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

XREL =

Previous unit owner/rented by relative

If using single file version of AHS, this variable becomes: **XREL1-XREL16**

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Was it owned by a relative?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

XTEN =

Tenure of previous residence

If using single file version of AHS, this variable becomes: **XTEN1-XTEN16**

1	Owned or being bought by someone in that household?
2	Rented for cash?
3	Occupied without payment of cash rent?
B or -6	Not applicable

Long description:
Was that home -

Type:	Character
Edit flag variable:	JXTEN
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

XUNIT =

Type of unit of previous residence

If using single file version of AHS, this variable becomes: **XUNIT1-XUNIT16**

1	A house?
2	An apartment?
3	A mobile home?
4	Or some other type of residence?
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was that residence -

Type:	Character
Edit flag variable:	JXUNIT
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Commuting

This section documents data released relevant to transportation issues, such as distance traveled to work, time required, number and types of vehicles owned by household, and means of transportation. The journey to work concept captures how members of the household commute to and from work. This commuting information is at the person level. Information on the number of vehicles is at the household level. The journey-to-work (JTW) module was eliminated in the 2011 survey.

Cars and trucks: Includes passenger cars and station wagons owned or regularly used by one or more household members and ordinarily kept at home. Company cars are counted (if used regularly for nonbusiness purposes and kept at home), as are taxicabs (if they are owned by a household member and kept at home). Information on the number of cars is stored in the CARS variable, while information on the number of trucks is stored in the TRUCKS variable. Included are pickups and small panel trucks of one-ton capacity or less, and small vans that are owned or regularly used by one or more members of the household and ordinarily kept at home. Company trucks and vans are included if used regularly for nonbusiness purposes and kept at home.

Journey to work: Includes national books and microdata. The books publish data on householders. The microdata have similar information on all workers.

Workers: Includes all persons aged 14 years and older who held a job in the United States, any time the week before the interview.

Line numbers are assigned as the interviewer writes the names of household members in the form. Workers in each household can be identified based on their line number stored in the PERSON variable in the Journey to Work file or PERSON1-PERSON16 variables in the “flat file” version. The Journey to Work file only contains information on the working members of the household. When the individual files are merged into a single file, the line number for each worker from the PERSON variable in the Journey to Work file is carried over to the PERSON1-PERSON16 variables in the “flat file” version. If a household member did not hold a job in the United States at any time the week before the interview, the line number for that person in the corresponding variable in the PERSON1-PERSON16 array is coded as missing (“.”). For more information on how the “flat file” and the individual files are structured, refer to the “Data Structure” section of this Codebook.

Principal means of transportation to work last week: This refers to the principal mode of travel used to get from home to work. People who use different means of transportation on different days of the week were asked to specify the one used most often. People who use more than one means of transportation to get to work each day were asked to specify the one used for the longest distance during the trip to work. Public transportation refers to bus, streetcar, subway, or elevated trains. Other means include car, truck, taxicabs, ferryboats, surface trains, van service, and walking. Respondents may also answer that they work at home.

Travel time from home to work: The total elapsed time in minutes to commute from home to work during the week prior to the interview is the travel time to work. The elapsed time includes time spent waiting for public transportation and picking up members of carpools. Respondents were instructed to report travel time to the nearest minute.

No fixed place of work: Workers with no fixed place of work were those who did not usually work at the same location each day and did not usually report in to a central location to begin work each day.

Distance from home to work: This was the usual one-way “door-to-door” distance in miles from home to work during the week prior to the interview. Respondents were instructed to report travel rounded to the nearest mile.

Departure time to work: Refers to the time (hour and minute) at which the respondent left for work. Respondent is also asked whether the time is a.m. or p.m.

AMPM =

Time usually leave for work - am or pm

If using single file version of AHS, this variable becomes: **AMPM1-AMPM16**

1	AM
2	PM

Long description:
What time did you usually leave for work? Was that A.M or P.M.?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

CARS =

Number of cars kept for use by household members

0	None
1:5	1-5, or more
B or -6	Not applicable

Long description:
How many automobiles, excluding vans or trucks, are kept at home for use by members of your household?

Type:	Character
Edit flag variable:	JCARS
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

DISTJ =

Number of miles traveled to work

If using single file version of AHS, this variable becomes: **DISTJ1-DISTJ16**

000:120	0 to 120 miles
121	121 miles or more
996	Works at home

Long description:
How many miles was your trip to work?
(ENTER 0 IF LESS THAN 1 MILE)

Type:	Numeric
Edit flag variable:	JDISTJ
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Notes:
Response categories changed in 2009. Previous categories were 0:997 and 998 and up.

HJOB =

Reports to work at same place each day

If using single file version of AHS, this variable becomes: **HJOB1-HJOB16**

1	Yes
2	No

Long description:
Did you usually report to the same location to begin work each day?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

PASS =

Number of passengers in carpool

If using single file version of AHS, this variable becomes: **PASS1-PASS16**

2:14	2-14 people
15	15 or more people

Long description:
How many people, including you usually ride in the vehicle?

Type:	Numeric
Edit flag variable:	JPASS
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

TIMEJ =

Length of trip to work

If using single file version of AHS, this variable becomes: **TIMEJ1-TIMEJ16**

001:210	1-210 minutes
211	211 or more minutes
996	Works at home

Long description:
How many minutes did it usually take you to get to work?

Type:	Numeric
Edit flag variable:	JTIMEJ
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Notes:
Response categories changed in 2009. Previous categories were 001:997 and 998 and up.

TIMETRN =

Travel time to nearest bus stop, train station, or subway stop

001:998	1-998 Minutes
999	999 or more Minutes
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many minutes does it take to get to the nearest bus stop, train station or subway stop?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA

Notes:
TIMETRN is asked only if there was a positive response (value of 1) for NEWTRN.

Conditions not in universe:
1: [NOT occupied interview]; OR
2: [Occupied interview] AND [No public transportation for this area]

TRAN =

Method of transportation to work

If using single file version of AHS, this variable becomes: **TRAN1-TRAN16**

1	Car
2	Truck
3	Van
4	Bus or Streetcar
5	Subway or elevated
6	Railroad
7	Taxicab
8	Motorcycle
9	Bicycle
10	Other vehicle
11	Walked only
12	Works at home

Long description:
How did you usually get to work last week?
(If a person uses different means of transportation on different days...)
Which did you use most often?
(If a person uses more than one means of transportation on the same day...)
Which covered the longest distance?
PLEASE NOTE - Because of conflicts with system reserved words in FERRET,
this item is known as TRAN_ in the FERRET system.

Type:	Numeric
Edit flag variable:	JTRAN
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

TRN =

Is the public transportation satisfactory?

1	Yes
2	No
3	Do not use
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Is the public transportation satisfactory?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

TRUCKS =

Number of vans or trucks for household use

0	None
1:5	1-5, or more
B or -6	Not applicable

Long description:
How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?

Type:	Character
Edit flag variable:	JRUCKS
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

USETRN =

Someone in household uses public transportation regularly

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone/Do you use public transportation regularly for commuting to work or school?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Notes:
As of 2007, USETRN was asked only if there was a positive response (value of 1) for NEWTRN.

VEHCL =

Drive to work alone or with others

If using single file version of AHS, this variable becomes: **VEHCL1-VEHCL16**

1	Alone
2	Go with others

Long description:
Did you drive alone or go with others?

Type:	Character
Edit flag variable:	JVEHCL
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

WTIME =
Time usually leave for work

If using single file version of AHS, this variable becomes: **WTIME1-WTIME16**

0100:1259 1:00-12:59

Long description:
What time did you usually leave for work? Was that A.M or P.M.?

Type:	Character
Edit flag variable:	JWTIME
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

Mobile Homes

A manufactured/mobile home is defined as a housing unit that was originally constructed to be towed on its own chassis (also called HUD Code homes). It may be built in one or more sections. Since the sections are attached side-by-side at the home site, the final home comprises the number of sections referring to as house ‘‘wide.’’ A unit composed of two sections is a double-wide; three sections is a triple-wide, etc. Single-wide units come from the factory as one section. It also may have permanent rooms attached at its present site or other structural modifications. The term does not include prefabricated buildings, modular homes, travel campers, boats, or self-propelled vehicles like motor homes. Some people use the terms trailer or manufactured housing in the same sense as mobile homes.
The questions in this section ask the respondent about the mobile home model year, fees and structural type.

Notes:

Mobile homes in group: Mobile homes or mobile home sites gathered close together are considered to be in a “group.” This may be a mobile home park or it may be a number grouped together on adjacent individually owned lots but not in a mobile home park.

Model Year: Because mobile home model years are similar to automotive model years, it is possible to have a mobile home with a model year later than the current year (or later than the year the occupant moved in).

ANCHOR =
Method used to anchor mobile home

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is your mobile home anchored by tiedowns, bolts, or some other means?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(NOT mobile home)] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

CAMF =
Frequency of assoc/mobile home park fee

1:52	1-52 times per year
53	53 times or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview and (Rented or occupied without payment)) or ((URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied)))] AND [(One-unit or apartment building)] ; OR
2 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(Association fee not required or Does not know if association fee is required or Refused to answer whether association fee was required) and (One-unit or apartment building)] ; OR
3 : [(Occupied interview or URE interview or vacant interview)] AND [Association fee not required or Does not know if association fee is required or Refused to answer whether association fee was required] ; OR
4 : [(URE interview or vacant interview) and (For sale only or Sold, but not yet occupied)] AND [Mobile home to be moved] ; OR
5 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
6 : [NOT (occupied interview or URE interview or vacant interview)]

CAMFQ =

Frequency of assoc/mobile home park fee

1:52	1-52 times per year
53	53 times or more

Long description:
How many times a year is the fee due?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

FRSIT =

First site mobile home ever placed on

1	Yes, first site
2	No, moved from another site
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
Excluding the dealer's lot, is here the first site on which this mobile home was placed?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(One-unit or apartment building)] ;
OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

IFOTHF =
Other mobile home fees required

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are there any other required fees for utility hookups, mobile home association fees, and so forth?

Type:	Character
Edit flag variable:	JFOTHF
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(One-unit or apartment building) and Association fee required] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [(NOT mobile home)] ; OR
3 : [(URE interview or vacant interview)] AND [(Mobile home) and (For sale only or Sold, but not yet occupied) and Mobile home to be moved] ; OR
4 : [(URE interview or vacant interview)] AND [(Mobile home) and (NOT for rent, rented, for sale, or sold)] ; OR
5 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
6 : [NOT (occupied interview or URE interview or vacant interview)]

MH41 =
Model year of 1st mobile home used for living quarters

1939:1998 1939-1998

Long description:
What is the model year of each of the mobile homes
(EXCLUDING MOBILE HOME(S) ALREADY LISTED ON THE LISTING SHEET)
Use 1939 for anything earlier

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Apartment building and NOT two unit building) or ((Mobile home) and NOT 1 mobile home in group)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No mobile home on property used for living quarters or “Don’t know” if mobile home on property used for living quarters or Refused to answer if mobile home on property used for living quarters] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

MH42 =
Model year of 2nd mobile home used for living quarters

1939:1998 1939-1998

Long description:
What is the model year of each of the mobile homes
(EXCLUDING MOBILE HOME(S) ALREADY LISTED ON THE LISTING SHEET)
Use 1939 for anything earlier

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Apartment building and NOT two unit building) or ((Mobile home) and NOT 1 mobile home in group)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No mobile home on property used for living quarters or “Don’t know” if mobile home on property used for living quarters or Refused to answer if mobile home on property used for living quarters] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

MH43 =
Model year of 3rd mobile home used for living quarters

1939:1998 1939-1998

Long description:
What is the model year of each of the mobile homes
(EXCLUDING MOBILE HOME(S) ALREADY LISTED ON THE LISTING SHEET)
Use 1939 for anything earlier

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Apartment building and NOT two unit building) or ((Mobile home) and NOT 1 mobile home in group)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No mobile home on property used for living quarters or “Don’t know” if mobile home on property used for living quarters or Refused to answer if mobile home on property used for living quarters] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

MH44 =
Model year of 4th mobile home used for living quarters

1939:1998 1939-1998

Long description:
What is the model year of each of the mobile homes
(EXCLUDING MOBILE HOME(S) ALREADY LISTED ON THE LISTING SHEET)
Use 1939 for anything earlier

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Apartment building and NOT two unit building) or ((Mobile home) and NOT 1 mobile home in group)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No mobile home on property used for living quarters or “Don’t know” if mobile home on property used for living quarters or Refused to answer if mobile home on property used for living quarters] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

MH45 =

Model year of 5th mobile home used for living quarters

1939:1998 1939-1998

Long description:
What is the model year of each of the mobile homes
(EXCLUDING MOBILE HOME(S) ALREADY LISTED ON THE LISTING SHEET)
Use 1939 for anything earlier

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(Apartment building and NOT two unit building) or ((Mobile home) and NOT 1 mobile home in group)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [No mobile home on property used for living quarters or “Don’t know” if mobile home on property used for living quarters or Refused to answer if mobile home on property used for living quarters] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

MHGONE =

Old mobile home gone

1	Moved out
2	Lost to demolition
3	Other, specify
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N

MHSETQ =
Type of mobile home foundation

1	Set up on a permanent masonry foundation?
2	Resting on a concrete pad?
3	Up on blocks, but not on a concrete pad?
4	Set up in some other way? (SPECIFY)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Is this mobile home--
(READ CATEGORIES UNTIL A "YES" REPLY IS RECEIVED)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(NOT mobile home)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Mobile home is not anchored down] ; OR
3 : [NOT (occupied interview or URE interview or vacant interview)]

MHSTAY =
Mobile home to stay or be moved

1	Remain
2	To be moved
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is this mobile home to remain where it is, or is it to be moved?

Type:	Character
Edit flag variable:	JHSTAY
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(Association fee not required or Does not know if association fee is required or Refused to answer whether association fee was required) and (One-unit or apartment building)] ; OR
2 : [(Occupied interview and Owned) or ((URE interview or vacant interview) and (For sale only or Sold, but not yet occupied))] AND [(One-unit or apartment building) and Association fee required] ; OR
3 : [(URE interview or vacant interview)] AND [(For rent only or 'for rent or for sale') or Rented, but not yet occupied] ; OR
4 : [(URE interview or vacant interview)] AND [(Held for occasional use throughout the year, or other not for rent, rented sold, for sale, or seasonal, or migratory)] ; OR
5 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
6 : [Occupied interview and Owned] AND [(Mobile home)] ; OR
7 : [Occupied interview] AND [Rented] ; OR
8 : [Occupied interview] AND [Occupied without payment]

TPARK =
Number of mobile homes in group

1	1 mobile home
2	2 or more mobile homes
B or -6	Not applicable
. or -9	Not reported

Long description:
How many, including this mobile home, are in the group?

Type:	Numeric
Edit flag variable:	JTPARK
Allocation Matrix:	Matrix E
Topcoded:	Yes
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [(One-unit or apartment building)] ;
OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

Lead Based Paint

Questions in this section deal with condition of paint in the respondent's home and the respondent's awareness of lead paint. Respondents were asked were they had peeling paint, whether peeling paint was inside or outside the house and whether any work was done, such as sanding and scraping that would have disturbed painted surfaces. Additionally, respondents were asked if they were told before moving in that the paint might contain lead or if they received a pamphlet about lead, and if their unit was ever tested for lead.

The items in this section are restricted to housing units built before 1978 because lead was an ingredient in common house paint until 1978. After 1978, lead was banned as an ingredient in residential paint.

Notes:

Size of area of peeling/flaking paint: Lead paint policy makes a distinction of "greater than 2 square feet" and "less than two square feet" of peeling/flaking paint. During the pretest, respondents had a difficult time understanding the concept of "2 square feet"; thus, the question was reworded to include a common object that is approximately 2 square feet in size (e.g., one page of newspaper) to help respondents answer the question.

Besides this room, how many other rooms also have a large amount of peeling or flaking paint: A "large amount" of peeling or flaking paint would be an area that is larger than 1 page of newspaper (e.g., 2 feet by 1 foot).

Peeling paint more/less than ½ door: For peeling/flaking paint on the exterior of a building, lead paint policy makes a distinction of "greater than 10 square feet" and "less than 10 square feet." During the pretest, respondents also had a difficult time understanding the concept of "10 square feet"; thus, the questions were reworded to include a common object that is approximately 10 square feet in size (e.g., half the size of a standard front door) to help respondents.

Seller/agent said lead was possible: A recent law (Title X of the Housing and Community Development Act of 1992) requires that, beginning in 1996, sellers and landlords of dwellings built before 1978 inform potential buyers and tenants that there could be lead-based paint in such dwellings and that lead-based paint can be hazardous to their health. Sellers and landlords are also required to disclose any specific knowledge he/she may have about lead paint in the dwelling. These items attempt to assess the prevalence of disclosure to buyers and tenants who moved in the previous 12 months.

BEAF78 =
Unit built before/after 1978

1	Built before 1978
2	Built in 1978 or later
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Would you know if that was before or after 1978?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1975 and 1977)] ; OR
2 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [Occupied interview] AND [Unit was built during 1970 or earlier and Unit was built during or after 1919] ; OR
5 : [NOT occupied interview]

BIGP =
Area of peeling paint larger than 8 x 11

1	Yes
2	No
B or -6	Not applicable

Long description:
Do the walls on the inside of this housing unit have any areas of peeling paint or broken plaster?
Are any of these areas bigger than 8 inches by 11 inches?
(THE SIZE OF A STANDARD BUSINESS LETTER)

Type:	Character
Edit flag variable:	JBIGP
Allocation Matrix:	Matrix E
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [Noninterview]

BIGPEL =
Peeling paint outside larger than door

1	Smaller than a front door
2	Same size as a front door
3	Larger than a front door
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Thinking about the size of a standard front door, would you say that, taken all together, all of the areas of peeling or flaking paint on that side of the housing unit add up to an area that is SMALLER than a standard front door or LARGER than a standard front door?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [Occupied interview] AND [No outside paint peeling or flaking] ; OR
5 : [Occupied interview] AND [Outside of unit is not painted] ; OR
6 : [NOT occupied interview]

EVRTES =

Unit ever tested for lead paint

1	Yes, tested
2	No, never tested
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Prior to your living here, was this housing unit EVER tested for lead in the paint?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [Occupied interview] AND [Unit has been tested for lead-based paint] ; OR
5 : [NOT occupied interview]

LDMAYB =
Seller/agent said lead paint possible

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Before you purchased your home, did seller/agent mention the possibility that buildings built before 1978 might have lead in the paint?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Due to a programming error in the 1999 automated instrument, this question was asked of all households rather than households where the respondent moved to the unit since September of the previous year. Obtain the correct universe by checking the move month and move year of the respondent and selecting cases where MOVE=1999 or (MOVE=1998 and MOVM ge 9).
These selections should also be limited to the correct year built categories.
Information on [Month of move was September – December] and [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [Occupied interview] AND [Person moved in during survey year or (Person moved in during previous year and Month of move was September – December)] ; OR
5 : [NOT occupied interview]

LDTEST =
Unit tested for lead paint

1	Yes, tested
2	No, never tested
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Since you have lived here, has this housing unit been tested for lead in the paint?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [NOT occupied interview]

MUSTEL =
Knew you must be told about lead paint

1	Yes, have heard this
2	No, have not heard this
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Have you heard that people moving into homes that were built before 1978 now must be told before they move in that the paint might contain lead?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [NOT occupied interview]

OUTPEL =
Outside paint peeling or flaking

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Is any of this paint peeling or flaking?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [Occupied interview] AND [Outside of unit is not painted] ; OR
5 : [NOT occupied interview]

OUTPNT =
Any part of outside of unit painted

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Now, thinking about the OUTSIDE of your housing unit, is ANY part of the outside of your housing unit painted, such as the walls, foundation, doors, window frames or trim?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [NOT occupied interview]

PAPHLT =
Received pamphlet about lead paint

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Before you purchased your home, did the agent give you a pamphlet
paint?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Due to a programming error in the 1999 automated instrument, this question was asked of all households rather than households where the respondent moved to the unit since September of the previous year.
Obtain the correct universe by checking the move month and move year of the respondent and selecting cases where MOVE=1999 or (MOVE=1998 and MOVM ge 9).
These selections should also be limited to the correct year built categories.
Information on [Month of move was September – December] and [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [Occupied interview] AND [Person moved in during survey year or (Person moved in during previous year and Month of move was September – December)] ; OR
5 : [NOT occupied interview]

PEELAM =

Number of other rooms with peeling paint

0:99	0-99 rooms
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
Besides this room, how many other rooms also have a large amount of peeling or flaking paint?

Type:	Numeric
Edit flag variable:	JEELAM
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [No peeling paint in rooms] and [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [The area of peeling paint is not larger than 8x11] ; OR
4 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
5 : [Occupied interview] AND [No peeling paint in rooms] ; OR
6 : [Occupied interview] AND [Peeling/flaking paint smaller than 1 page of newspaper] ; OR
7 : [NOT occupied interview]

PEELSZ =
Size of area of peeling/flaking paint

1	Smaller than 1 page of newspaper
2	Same size as 1 page of newspaper
3	Larger than 1 page of newspaper
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Would you say that, taken all together, all of the areas of peeling or flaking paint in that room add up to an area that is smaller than one page of newspaper or larger than one page of newspaper?

Notes:
Information on [No peeling paint in rooms] and [Unit was built before the year after the survey] is not available on the public use file.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [The area of peeling paint is not larger than 8x11] ; OR
4 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
5 : [Occupied interview] AND [No peeling paint in rooms] ; OR
6 : [NOT occupied interview]

SMPEEL =
Peeling paint more/less than 1/2 door

1	Yes, at least half the size of a front door
2	No, smaller than half the size of a front door
3	Same size as half a front door
B or -6	Not applicable
D or -7	Don't know

Long description:
Is it at least HALF the size of a standard front door or is it even smaller than that?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [The area of peeling paint is not smaller than the size of a door] ; OR
4 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
5 : [Occupied interview] AND [No outside paint peeling or flaking] ; OR
6 : [Occupied interview] AND [Outside of unit is not painted] ; OR
7 : [NOT occupied interview]

SNDPNT =
Old paint sanded or scraped

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Before painting, did someone sand or scrape off any of the old paint?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [The unit does not have any painting the inside] ; OR
3 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
4 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
5 : [NOT occupied interview]

TPBPAI =
Unit tested for lead paint before purchase

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
When ... bought this housing unit, did anyone make inquiries or have this housing unit inspected or tested for lead-based paint?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Not owned] ; OR
3 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

TPBPIP =
Lead pipes inspected before purchase

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
When ... bought this housing unit, did anyone make inquiries or have this housing unit inspected or tested for lead pipes?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Not owned] ; OR
3 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

TPBSOL =
Lead solder inspected before purchase

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
When ... bought this housing unit, did anyone make inquiries or have this housing unit inspected or tested for lead solder on copper pipes?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [Not owned] ; OR
3 : [Noninterview] AND [NOT (occupied interview or URE interview or vacant interview)]

Upgrade and Remodeling

This section contains information from questions asked about additions, alterations and repairs to housing units in the survey. Information includes questions about changes to amount of unit square footage, type of unit, and unit quality. In addition, the microdata file also includes information about whether the household got a low interest loan or grant to pay for repairs and the amount spent in a typical year on routine repairs and maintenance.

Notes:

Replacements and additions: The statistics refer to within 2 years prior to the interview and are restricted to owner-occupied units. The respondents were first asked if, in the last 2 years has there been a major disaster, such as an earthquake, tornado, hurricane, landslide, fire, or flood that required them to make extensive repairs to their home. Only if the damage involved at least 2 rooms or a majority of the home were replacements and additions counted as disaster required repairs. Respondents were asked to name major repairs made within the last 2 years. Also, they were asked if the repair was a replacement or an addition, if someone in the household did the work, and the cost of the repair.

The microdata file shows the total number of replacements/additions reported by all households, and the total cost of these replacements/additions. Each household could name as many as 74 jobs done in their home. In 1999, the maximum number of replacements/additions reported was 31. Questions were asked about where the work was done, if any rooms were created or attached, and if the bathroom or kitchen had been remodeled within the last 2 years.

Respondents also were asked if they added or replaced their roof, siding, interior water pipes; electrical wiring, fuse boxes or breaker switches; doors or windows; plumbing fixtures such as sinks or bath tubs; insulation; wall to wall carpeting, flooring; paneling or ceiling tiles; air conditioning; built in heating equipment; septic tank; water heater; dishwasher, garbage disposal; driveways or walk ways; fencing or walls; patio, terrace or detached deck; swimming pool, tennis court and other recreational structures; shed, detached garage or other buildings.

APTAD =

Space added to apartment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was space added to this apartment by building an addition or converting nonresidential areas of the building?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

APTCH =

Type of change to apartment

1	Overflow mobile home moved in or moved out
2	Other, specify
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Describe the type of change that occurred.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

APTCM =

Apartment combined with other apartment

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did this apartment combine with another apartment so you now have more space?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

APTSP =

Apartment split into several apartments

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did this apartment split so there are now more apartments in the same space?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

CABNX =
Number of cabinets replaced/repaired

1:99	1-99 cabinets
B or -6	Not applicable

Long description:
How many cabinets or built-in shelves were replaced or repaired?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [Occupied interview] AND [Did not replace cabinets in unit] ; OR
5 : [NOT occupied interview]

CABREP =
Replaced/repaired any cabinets in unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Have any cabinets or built-in shelves in your home been replaced or repaired in the past 12 months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [NOT occupied interview]

DOORX =

Number of doors replaced/repaired

1:99	1-99 doors
B or -6	Not applicable

Long description:
How many doors or door frames were replaced or repaired?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [Occupied interview] AND [No doors in the unit have been replaced or repaired] ; OR
5 : [NOT occupied interview]

ENEFIC =

Jobs done for energy efficiency

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Were any of the jobs reported done for energy efficiency purposes?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

RAC =

Cost of replacements/additions to unit

0:99999999	$0-$99,999,999
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
RAC is not topcoded directly, but is the sum of the RADs.
Prior to 2009, the maximum recorded value was $999,999.

RACOST =

Cost of alteration/repair. **RACOST1**-**RACOST16** record costs of alterations/repairs 1-16.

This variable occurs in the single file versions of the AHS created by file flattener programs prior to the 2007 national and metro surveys. It replaces RAD and has the same meaning and coding as RAD. RACOST does not appear in the PUF as released by the Census Bureau.

RAD =
Cost of alteration/repair

If using single file version of AHS, this variable becomes: RAD1-RADn, where n is the maximum number of replacements/additions reported in that survey.

0	$0
1:999997	$2-$999,997
999998	$999,998 or more

Long description:
How much did the entire job cost, including your costs and any amount covered by insurance not counting your time?

Type:	Numeric
Edit flag variable:	JRAD
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	homimp
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The maximum number of upgrades shown in the flat file is 16.
There is a small number (less than .03% of those responded to the question) of observations where the number of upgrades is greater than 16.
For information on all upgrades please refer to the homimp relational table.
Component variables were topcoded before creating this variable. As each component variable was topcoded individually, the number of cases topcoded for each component variable and the level at which they were topcoded varies.
Response codes D, R, and blank removed in 2011 because values are now imputed.
Before 2011, response code 1 indicated the cost of the job was reported with another job.
Because of the implementation of imputation, beginning in 2011 response codes of $1 now indicate that the respondent reported a job cost of $1.
Edit flag variable JRAD added in 2011.

RAH =

Household member performed alteration/repair

If using single file version of AHS, this variable becomes: **RAH1-RAHn**, where n is the maximum number of replacements/additions reported in that survey.

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did someone in your household do most of the work?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	homimp
Unit of observation:	HOMIMP
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

RAN =

Number of replacements/additions made to unit

0:74	0-74 replacements/additions made to unit
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	toppuf
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

RAS =
Type of alteration/repair - 1999 version

If using single file version of AHS, this variable becomes: **RAS1-RASn**, where n is the maximum number of replacements/additions reported in that survey.

01	01_Disaster required repairs
02	02_Created finished bathroom from unfinished space
03	03_Created finished bedroom from unfinished space
04	04_Job type deleted in 1999
05	05_Created finished recreation room from unfinished space
06	06_Created other finished inside room from unfinished space
07	07_Added bathroom onto home
08	08_Added kitchen onto home
09	09_Added bedroom onto home
10	10_Added other inside room onto home
11	11_Added attached garage onto home
12	12_Added porch onto home
13	13_Added deck onto home
14	14_Added carport onto home
15	15_Added other outside structure onto home
16	16_Job type deleted in 1999
17	17_Job type deleted in 1999
18	18_Job type deleted in 1999
19	19_Job type deleted in 1999
20	20_Job type deleted in 1999
21	21_Job type deleted in 1999
22	22_Job type deleted in 1999
23	23_Job type deleted in 1999
24	24_Job type deleted in 1999
25	25_Job type deleted in 1999
26	26_Job type deleted in 1999
27	27_Job type deleted in 1999
28	28_Job type deleted in 1999
29	29_Job type deleted in 1999
30	30_Job type deleted in 1999
31	31_Job type deleted in 1999
32	32_Job type deleted in 1999
33	33_Job type deleted in 1999
34	34_Job type deleted in 1999
35	35_Bedroom created through structural changes
36	36_Other room created through structural changes
37	37_Added/replaced roof over entire home
38	38_Added/replaced siding on home
39	39_Job type deleted in 1999
40	40_Added/replaced internal water pipes in home
41	41_Job type deleted in 1999
42	42_Added/replaced electrical wiring, fuse boxes, or breaker switches in home
43	43_Job type deleted in 1999
44	44_Job type deleted in 1999
45	45_Added/replaced doors or windows in home
46	46_Job type deleted in 1999
47	47_Added/replaced plumbing fixtures in home

48	48_Job type deleted in 1999
49	49_Added/replaced insulation in home
50	50_Job type deleted in 1999
51	51_Job type deleted in 2005
52	52_Installed wall-to-wall carpeting
53	53_Added other types of flooring such as wood, tile, marble, or vinyl
54	54_Job type deleted in 1999
55	55_Installed paneling or ceiling tiles
56	56_Job type deleted in 1999
57	57_Added/replaced central air conditioning
58	58_Added/replaced built-in heating equipment
59	59_Job type deleted in 1999
60	60_Added/replaced septic tank
61	61_Added/replaced water heater
62	62_Added/replaced built-in dishwasher
63	63_Added/replaced garbage disposal
64	64_Other major improvements or repairs inside home(up to three could be reported)
65	65_Added/replaced driveways or walkways
66	66_Added/replaced fencing or walls
67	67_Added/replaced patio, terrace, or detached deck
68	68_Added/replaced swimming pool, tennis court, or other recreational structure
69	69_Added/replaced shed, detached garage, or other building
70	70_Other major improvements or repairs to lot or yard (up to three could be reported)
71	71_Remodeled bathroom
72	72_Remodeled kitchen
73	73_Bathroom created through structural changes
74	74_Added/replaced security system in home

Long description:
This is a recode indicating which type of alteration/repair was reported.

Type:	Character
Edit flag variable:	JRAS
Allocation Matrix:	None
Topcoded:	No
Relational table:	homimp
Unit of observation:	HOMIMP
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
The maximum number of upgrades shown in the flat file is 16.
There is a small number (less than .03% of those responded to the question) of observations where the number of upgrades is greater than 16.
For information on all upgrades please refer to the homimp relational table.
In 2005, the coding for the carpeting options was changed with Option 51
becoming obsolete and Option 52 reworded.
Previously Option 52 read: Added wall to wall carpeting over finished floor

RAW =

Alteration/repair is addition/replacement

If using single file version of AHS, this variable becomes: **RAW1-RAWn**, where n is the maximum number of replacements/additions reported in that survey.

1	Addition
2	Replacement (not specified if all replaced or just part replaced)
3	Replacement (all replaced)
4	Replacement (just part replaced)
5	Room a/c replaced by central a/c or
6	Central a/c replaced by new central a/c or
7	Both addition and replacement
8	Addition/replacement not reported

Long description:
Recode create to indicate whether the alteration/repair was an addition or a replacement.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	homimp
Unit of observation:	HOMIMP
Present in survey year(s):	1997N

RAY =

Year alteration/repair completed

If using single file version of AHS, this variable becomes: **RAY1-RAYn**, where n is the maximum number of replacements/additions reported in that survey.

1994:1997	1994-1997

Long description:
In what year was the work completed?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	homimp
Unit of observation:	HOMIMP
Present in survey year(s):	1997N

SUBFIX =

Household got government loan/grant for alterations

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did the household get a low interest loan or grant from a government program to help pay for making any of these repairs or alterations to your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

TAXCRD =

Energy tax credit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Did the homeowner receive a tax credit for any of the energy efficient jobs?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

Notes:
Replaced by TAXINC in 2013.

TAXINC =
Tax incentives for energy efficiency improvements

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Did you receive Federal or state tax incentives or financial incentives from your utility company for making energy efficiency improvements or purchasing energy efficient appliances?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

USFCAM =

Amount of square foot change in unit

-99998	-99,998 square feet or more lost
-100:-99997	-100 - -99,997 square feet lost
-99	99 square feet or less lost
0	nothing lost or added
99	99 square feet or less added
100:99997	100-99,997 square feet added
99998	99,998 square feet or more added
B or -6	Not applicable
. or -9	Not reported

Long description:
How many square feet of living space were added or lost?
(If dimensions given, record dimensions.)

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Due to error, not collected in 1999.
Information on [HU is not part of a new incoming sample] is not available on the public use file.

Conditions not in universe:
1 : [((Occupied interview or URE interview or vacant interview) and (Same HU as last enumeration or HU is not part of a new incoming sample or (There is a valid interview)))] AND [NO change in square footage of unit] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

USFCHG =
Change in square footage of unit

1	Yes
2	No
B or -6	Not applicable

Long description:
Since two years ago, has there been a change in the amount of living space in the housing unit because of putting on an addition, finishing an attic, or converting a garage to living space?
(DO NOT COUNT FINISHING A BASEMENT)

Type:	Character
Edit flag variable:	JSFCHG
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [NOT same HU as last enumeration or HU is part of a new incoming sample or The status is non-interview] ; OR
2 : [NOT (occupied interview or URE interview or vacant interview)]

WALLX =
inside walls/ceilings repaired/replaced

1:99	1-99 walls or ceilings
B or -6	Not applicable

Long description:
How many inside walls or ceilings were replaced or repaired?

Type:	Numeric
Edit flag variable:	JWALLX
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [Occupied interview] AND [Inside walls/ceilings NOT repaired/replaced] ; OR
5 : [NOT occupied interview]

WALREP =

Inside walls/ceilings repaired/replaced

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Have any inside walls or ceilings in your home been replaced or repaired in the past 12 months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [NOT occupied interview]

WINREP =
Windows repaired or replaced

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Not counting the glass, have any windows been replaced or repaired in the past 12 months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [NOT occupied interview]

WINX =
Number of windows repaired or replaced

1:99	1-99 windows
B or -6	Not applicable

Long description:
How many windows were replaced or repaired?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Notes:
Information on [Unit was built before the year after the survey] is not available on the public use file.

Conditions not in universe:
1 : [Occupied interview] AND [(Unit was built between 1978 and 1979)] ; OR
2 : [Occupied interview] AND [Unit was built in or after 1978] ; OR
3 : [Occupied interview] AND [Unit was built during or after 1980 and before the year after the survey] ; OR
4 : [Occupied interview] AND [Windows NOT repaired or replaced] ; OR
5 : [NOT occupied interview]

Allocation Variables

While the Census Bureau makes all reasonable efforts to collect valid responses to all survey questions, respondents do not always provide information. Non-response occurs for various reasons, ranging from not knowing the answer to refusing to answer the question. For most variables, the Census Bureau enters a missing value code for that response. For certain key variables, however, the Census Bureau applies a procedure to allocate or assign values to those missing data. This process, known as allocation at the Census Bureau, is often referred to as imputation of missing values.

For allocated values, the Census Bureau uses a procedure called “hot-decking” in which a missing value is replaced with the last value for that variable for a unit with the same selected characteristics. The collection of possibilities for units with the same characteristics is referred to as an *allocation matrix* whose dimensions are based on a set of selected variables being allocated. Different matrices are used to create replacements for missing values for different variables or questions. In some cases, the Census Bureau uses “cold decking,” a procedure that replaces the missing value with the value for that variable from the most recent survey processed regardless of the characteristics of that survey unit.

J-variables identify cases for which the Census Bureau edited or allocated the response. In general, the J-variables are coded in the following way:

Blank or -9	No edit or allocation
1	Variable was edited or allocated by cold deck
2	Variable was edited by hot deck

If “hot deck” allocation was used, then the entry for the J-variable will identify the allocation matrix used for hot deck. Otherwise allocation was by cold deck

JAFUEL =

Edit flag for AFUEL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JAGE =

Edit flag for AGE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JAIR =
Edit flag for AIR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JALMV =
Edit flag for ALMV

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JAMEDU =

Edit flag for SAMEDU

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JAMRTZ = / JMRTZ2 = / JMRTZ3 =

Edit flag for AMRTZ/AMRTZ2/AMRTZ3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JAMRTZ/JMRTZ2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JMRTZ3: 2011, 2013N, 2013MSA

JAMTE =
Edit flag for AMTE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck
3	Computed by regression

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JAMTF =
Edit flag for AMTF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JAMTG =
Edit flag for AMTG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck
3	Computed by regression

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JAMTI =
Edit flag for AMTI

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JAMTM = / JAMTM2 = / JAMTM3 =

Edit flag for AMTM/AMTM2/AMTM3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JAMTM/JAMTM2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JAMTM3: 2011, 2013N, 2013MSA

JAMTO =

Edit flag for AMTO

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JAMTT =
Edit flag for AMTT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JAMTW =
Edit flag for AMTW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JANPMT =
Edit flag for LANPMT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JANVAR = **/ JANVR2** = **/ JANVR3** =
Edit flag for CANVAR/CANVR2/CANVR3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JANVAR/JANVR2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JANVR3: 2011, 2013N, 2013MSA

JAPPLY =
Edit flag for APPLY

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JARAGE =
Edit flag for GARAGE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JARSYS =
Edit flag for OARSYS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JASPI2 =
Edit flag for GASPI2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JASPIP =
Edit flag for GASPIP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JATBUY = / JATBY2 = / JATBY3 =

Edit flag for MATBUY/MATBY2/MATBY3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JATBUY/JATBY2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JATBY3: 2011, 2013N, 2013MSA

JATERS =

Edit flag for WATERS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JATVTY =

Edit flag for NATVTY

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JAUNDY =

Edit flag for LAUNDY

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JAXPMT = / JXPMT2 = / JXPMT3 =

Edit flag for TAXPMT/TXPMT2/TXPMT3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JBANK = / JBANK2 = / JBANK3 =

Edit flag for BANK/BANK2/BANK3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JBANK/JBANK2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JBANK3: 2011, 2013N, 2013MSA

JBATHS =

Edit flag for BATHS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBEDX =
Edit flag for BEDX

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

JBIGP =
Edit flag for BIGP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBILLE =
Edit flag for BILLE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBILLF =
Edit flag for BILLF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBILLG =
Edit flag for BILLG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBILLO =
Edit flag for BILLO

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBILLT =
Edit flag for BILLT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBILLW =

Edit flag for BILLW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBLOON = / JBLON2 = / JBLON3 =

Edit flag for BLOON/BLOON2/BLOON3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JBLOON/JBLON2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JBLON3: 2011, 2013N, 2013MSA

JBSINK =
Edit flag for BSINK

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUILT =
Edit flag for BUILT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUSIN =
Edit flag for BUSIN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

JBUYE =
Edit flag for BUYE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUYE2 =
Edit flag for BUYE2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUYF =
Edit flag for BUYF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUYF2 =
Edit flag for BUYF2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUYG =
Edit flag for BUYG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUYG2 =
Edit flag for BUYG2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUYI =
Edit flag for BUYI

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUYO =
Edit flag for BUYO

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUYO2 =
Edit flag for BUYO2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUYT =
Edit flag for BUYT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUYT2 =
Edit flag for BUYT2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUYW =
Edit flag for BUYW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JBUYW2 =
Edit flag for BUYW2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JCARS =
Edit flag for CARS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JCCESS =

Edit flag for ACCESS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JCFUEL =

Edit flag for CFUEL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JCLIMB =

Edit flag for CLIMB

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JCNTRL =

Edit flag for RCNTRL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JCONDO =
Edit flag for CONDO

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JCOOK =
Edit flag for COOK

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JCPRIC =
Edit flag for CPRICE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JDAFUR =

Edit flag for DAFUR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JDATE =

Edit flag for DATE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JDBINREAS =

Edit flag for DBINREAS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2013N, 2013MSA

JDBINVOL =

Edit flag for DBINVOL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2013N, 2013MSA

JDBINWHER =

Edit flag for DBINWHER

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2013N, 2013MSA

JDBINWHY =

Edit flag for DBINWHY

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2013N, 2013MSA

JDBMOUT =

Edit flag for DBOUTMOVE

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

JDCOOK =

Edit flag for DCOKST

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JDELEC =

Edit flag for DELECT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JDENS =
Edit flag for DENS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JDFLIN =
Edit flag for DFLIN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N

JDFLOT =
Edit flag for DFLOT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JDFPLI =
Edit flag for DFRPLI

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JDFRPL =
Edit flag for DFRPL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JDFUEL =
Edit flag for DFUEL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JDHOTH =
Edit flag for DHOTH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JDHPMP =
Edit flag for DHPMP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JDIRAC =
Edit flag for ODIRAC

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JDISH =

Edit flag for DISH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JDISPL =

Edit flag for DISPL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JDISTJ =

Edit flag for DISTJ

Blank or -9	No change
1	Other edit change
2	Changed by hot deck
4	Edited and allocated

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JDPLF =

Edit flag for DPLF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JDPORH =

Edit flag for DPORTH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

JDRY =
Edit flag for DRY

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JDSTEA =
Edit flag for DSTEAM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JDSTOV =
Edit flag for DSTOVE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JEDRMS =

Edit flag for BEDRMS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JEELAM =

Edit flag for PEELAM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

JEGMOR =

Edit flag for REGMOR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JELDUS =

Edit flag for WELDUS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JELEV =

Edit flag for ELEV

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JELLAR =
Edit flag for CELLAR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JELUMN =
Edit flag for HELUMN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JELUMP =
Edit flag for HELUMP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JENURE =

Edit flag for TENURE

Blank or -9	No change
1	Changed by cold deck or other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
Occasionally, the Census Bureau can obtain information on TENURE elsewhere in the interview process. If there is no information on TENURE from the interview process, the Census Bureau will look at the value of TENURE in the previous survey. If information cannot be obtained from the previous survey, the Census Bureau will allocate TENURE by cold deck. Using the previous value of TENURE or cold deck allocation both result in JENURE =1.

JEQUIP =

Edit flag for HEQUIP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JEROACH =

Edit flag for EROACH

Blank or -9	No change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JESMOR = / JESMR2 =

Edit flag for RESMOR/RESMR2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JEVROD =

Edit flag for EVROD

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JEWDIS =
Edit flag for SEWDIS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JEWDUS =
Edit flag for SEWDUS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JEWMOR = / JEWMR2 = / JEWMR3 =

Edit flag for NEWMOR/NEWMR2/NEWMR3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JEWMOR/JEWMR2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JEWMR3: 2011, 2013N, 2013MSA

JEXCLU =

Edit flag for KEXCLU

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JFAFUR =
Edit flag for FAFUR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JFAMRM =
Edit flag for FAMRM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JFBLOW =

Edit flag for IFBLOW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JFCOLD =

Edit flag for IFCOLD

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JFCOOK =
Edit flag for FCOKST

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JFELEC =
Edit flag for FELECT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JFFLIN =
Edit flag for FFLIN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JFFLOT =
Edit flag for FFLOT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JFFPLI =
Edit flag for FFRPLI

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JFFRPL =
Edit flag for FFRPL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JFHOTH =
Edit flag for FHOTH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JFHPMP =
Edit flag for FHPMP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JFOTHF =
Edit flag for IFOTHF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JFPLF =
Edit flag for FPLF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JFPLWK =
Edit flag for FPLWK

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JFPORH =
Edit flag for FPORTH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JFRENT =
Edit flag for FRENT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JFSTEA =
Edit flag for FSTEAM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JFSTOV =
Edit flag for FSTOVE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JGRAD =

Edit flag for GRAD

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHALFB =

Edit flag for HALFB

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHARAT =
Edit flag for SHARAT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHARFR =
Edit flag for SHARFR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHARPF =
Edit flag for SHARPF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHECR1 =
Edit flag for HECR1

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHERE =
Edit flag for HERE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JHFUEL =

Edit flag for HFUEL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHAGE =

Edit flag for HHAGE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHATVTY =

Edit flag for HHNATVTY

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHGRAD =

Edit flag for HHGRAD

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHITSHP =

Edit flag for HHCITSHP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHMAR =

Edit flag for HHMAR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHMOVE =
Edit flag for HHMOVE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHMOVM =
Edit flag for HHMOVM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHMVG =
Edit flag for HHMVG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHNUSYR =

Edit flag for HHINUSYR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHPAR =

Edit flag for HHPAR

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPQALIM =

Edit flag for HHPQALIM

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPQDIV =
Edit flag for HHPQDIV

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPQINT =
Edit flag for HHPQINT

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPQOTHER =
Edit flag for HHPQOTHER

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPQRENT =
Edit flag for HHPQRENT

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPQRETIR =
Edit flag for HHPQRETIR

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPQSAL =
Edit flag for HHPQSAL

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPQSELF =
Edit flag for HHPQSELF

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPQSS =
Edit flag for HHPQSS

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPQSSI =
Edit flag for HHPQSSI

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPQWELF =

Edit flag for HHPQWELF

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPQWKCMP =

Edit flag for HHPQWKCMP

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHPVOTHER =

Edit flag for HHPVOTHER

1	Other edit change
2	Changed by hot deck
4	Edited and allocated
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHRACE =

Edit flag for HHRACE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHREL =

Edit flag for HHREL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHSAL =

Edit flag for HHSAL

1	Other edit change
2	Changed by hot deck
4	Edited and allocated
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JHHSEX =

Edit flag for HHSEX

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHSPAN =

Edit flag for HHSPAN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHHSPOS =

Edit flag for HHSPOS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHNGET =

Edit flag for WHNGET

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHOLES =

Edit flag for HOLES

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHOTFE =
Edit flag for MHOTFE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHSTAY =
Edit flag for MHSTAY

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHYMOV =
Edit flag for WHYMOVE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHYTOH =
Edit flag for WHYTOH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JHYTON =
Edit flag for WHYTON

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JIFDRY =
Edit flag for IFDRY

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JIFFEE =
Edit flag for IFFEE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JIFSEW =
Edit flag for IFSEW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JIFTLT =
Edit flag for IFTLT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILEAK =
Edit flag for ILEAK

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLFE =
Edit flag for BILLFE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLFG =
Edit flag for BILLFG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLFO =
Edit flag for BILLFO

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLFT =
Edit flag for BILLFT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLFW =
Edit flag for BILLFW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLGE =
Edit flag for BILLGE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLGF =
Edit flag for BILLGF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLGO =
Edit flag for BILLGO

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLGT =
Edit flag for BILLGT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLGW =
Edit flag for BILLGW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLOE =
Edit flag for BILLOE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLOF =
Edit flag for BILLOF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLOG =
Edit flag for BILLOG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLOT =
Edit flag for BILLOT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLOW =
Edit flag for BILLOW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLTE =
Edit flag for BILLTE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLTF =
Edit flag for BILLTF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLTG =
Edit flag for BILLTG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLTO =
Edit flag for BILLTO

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLTW =
Edit flag for BILLTW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLWE =
Edit flag for BILLWE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLWF =
Edit flag for BILLWF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLWG =
Edit flag for BILLWG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLWO =
Edit flag for BILLWO

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JILLWT =
Edit flag for BILLWT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JIMSHR =
Edit flag for TIMSHR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JINCOP = / JINCO2 =

Edit flag for PINCOP/PINCO2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JINCS =

Edit flag for INCS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JINING =
Edit flag for DINING

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JINTF = **/ JINTF2** = **/ JINTF3** =
Edit flag for INTF/INTF2/INTF3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JINTF/JINTF2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JINTF3: 2011, 2013N, 2013MSA

JINTW = / JINTW2 = / JINTW3 =

Edit flag for INTW/INTW2/INTW3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JINTW/JINTW2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JINTW3: 2011, 2013N, 2013MSA

JIRSYS =

Edit flag for AIRSYS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JITSHP =
Edit flag for CITSHP

1	Other edit change
2	Changed by hot deck
Blank or -9	No change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JIVING =
Edit flag for LIVING

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JKITCH =
Edit flag for KITCH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JLEAK =
Edit flag for LEAK

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JLINE1 =

Edit flag for DLINE1

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JLOORS =

Edit flag for FLOORS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JLOT =
Edit flag for LOT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JLPRIC =
Edit flag for LPRICE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JLRENT =
Edit flag for LRENT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JLT25K =
Edit flag for LT25K

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

JM12ROACH =
Edit flag for M12ROACH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JM12ROD =
Edit flag for M12ROD

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JM3ROD =
Edit flag for M3ROD

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JMAR =
Edit flag for MAR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMARKT =
Edit flag for MARKT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMCHEP =
Edit flag for WMCHEP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMCHTN =
Edit flag for WMCHTN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMCLOS =
Edit flag for WMCLOS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMCNDO =
Edit flag for WMCNDO

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMCNT =
Edit flag for MCNT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMCOM = **/ JMCOM2** =
Edit flag for MCOM/MCOM2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JMDISL =

Edit flag for WMDISL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMEVIC =

Edit flag for WMEVIC

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMFAML =

Edit flag for WMFAML

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMFARM = / JFARM2 =

Edit flag for MFARM/MFARM2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JMFEMP =

Edit flag for WMFEMP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMFORE =

Edit flag for WMFORE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JMG =
Edit flag for MG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Notes:
In 1997, in MORTG module.

JMGOVP =
Edit flag for WMGOVP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMGOVT =
Edit flag for WMGOVT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMHOUS =
Edit flag for WMHOUS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMIAMT = / JMAMT2 = / JMAMT3 =

Edit flag for PMIAMT/PMAMT2/PMAMT3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JMIAMT/JMAMT2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JMAMT3: 2011, 2013N, 2013MSA

JMICE =

Edit flag for MICE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMIPMT = / JMPMT2 =

Edit flag for PMIPMT/PMPMT2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMJOBS =

Edit flag for WMJOBS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMLARG =
Edit flag for WMLARG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMMARR =
Edit flag for WMMARR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMMORT = / JMMRT2 = / JMMRT3 = / JMMRT4 =

Edit flag for AMMORT/AMMRT2/AMMRT3/AMMRT4

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMONHH =

Edit flag for WMONHH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMOSALL =

Edit flag for MOSALL

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

JMOTHR =
Edit flag for WMOTHR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMOVAC =
Edit flag for MOVAC

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMOVE =
Edit flag for MOVE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMOVM =
Edit flag for MOVM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMOWNR =
Edit flag for WMOWNR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMPRIV =
Edit flag for WMPRIV

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMQUAL =
Edit flag for WMQUAL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JMVG =
Edit flag for MVG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JNFEEQ =
Edit flag for CONFEEQ

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N

JNHOME =
Edit flag for WNHOME

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JNITSF =
Edit flag for UNITSF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JNLOOK =
Edit flag for WNLOOK

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JNOOTH =
Edit flag for NOOTHRM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N

JNOTHR =
Edit flag for WNOTHR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JNPEPL =
Edit flag for WNPEPL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JNSPMT = / JNPMT2 = / JNPMT3 =
Edit flag for INSPMT/INPMT2/INPMT3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JNTRAN =
Edit flag for WNTRAN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JNUSYR =
Edit flag for INUSYR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JNYCAR =
Edit flag for ANYCAR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

JNYRUG =
Edit flag for ANYRUG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

JOAFUE =
Edit flag for OAFUEL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JOILET =
Edit flag for TOILET

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JOOMSA =

Edit flag for ROOMSA

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA

JOPERM =

Edit flag for MOPERM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JORTIN = / JORTN2 = / JORTN3 =

Edit flag for MORTIN/MORTN2/MORTN3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JORTIN/JORTN2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JORTN3: 2011, 2013N, 2013MSA

JOTHFN =

Edit flag for OTHFN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JOTPIP =
Edit flag for HOTPIP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JOTSUR =
Edit flag for NOTSUR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JOVEN =

Edit flag for OVEN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JOVGRP =

Edit flag for MVG (2011 and after) and for MOVGRP (1997-2009)

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JOWIRE =
Edit flag for NOWIRE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPAR =
Edit flag for PAR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPASS =
Edit flag for PASS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JPLUGS =

Edit flag for PLUGS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPMOVM =

Edit flag for PMOVM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011

JPMT = / JPMT2 = / JPMT3 = / JPMT4 =

Edit flag for PMT/PMT2/PMT3/PMT4

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPMVYR =

Edit flag for PMOVYR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011

JPORCH =
Edit flag for PORCH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQALIM =
Edit flag for PQALIM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQDIV =
Edit flag for PQDIV

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQIDRI =
Edit flag for PQIDRI

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N

JPQINT =
Edit flag for PQINT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQOTALM =
Edit flag for PQOTALM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N

JPQOTHER =
Edit flag for PQOTHER

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQOTHNR =
Edit flag for PQOTHNR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQRENT =
Edit flag for PQRENT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQRETIR =
Edit flag for PQRETIR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQSAL =
Edit flag for PQSAL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQSALNR =
Edit flag for PQSALNR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQSELF =
Edit flag for PQSELF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQSLFNR =
Edit flag for PQSELFNR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQSS =
Edit flag for PQSS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQSSI =
Edit flag for PQSSI

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQWELF =
Edit flag for PQWELF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPQWKCMP =
Edit flag for PQWKCMP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	PERSON
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPRENT =
Edit flag for PRENT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPROJ =
Edit flag for PROJ

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPVALU =
Edit flag for PVALUE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JPVOTHER =
Edit flag for PVOTHER

Blank or -9	No change
1	Other edit change
2	Changed by hot deck
4	Edited and allocated

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JQALIM =

Edit flag for QALIM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JQBUS =

Edit flag for QBUS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

JQDIV =
Edit flag for QDIV

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JQIDRI =
Edit flag for QIDRI

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N

JQINT =
Edit flag for QINT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JQOTALM =

Edit flag for QOTALM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N

JQOTHER =

Edit flag for QOTHER

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JQRENT =

Edit flag for QRENT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JQRETIR =
Edit flag for QRETIR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JQSELF =
Edit flag for QSELF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JQSS =
Edit flag for QSS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JQSSI =
Edit flag for QSSI

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JQWELF =
Edit flag for QWELF

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JQWKCMP =
Edit flag for QWKCMP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JRACE =

Edit flag for RACE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JRACKS =

Edit flag for CRACKS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JRAD =
Edit flag for RAD

Blank or -9	No change
5	Only the DIY/PRO value was imputed
6	DIY/PRO value was imputed and the expenditure was allocated from combined expenditures
7	DIY/PRO value was imputed and the expenditure was imputed
8	Expenditure was only allocated from combined expenditures
9	Only the expenditure was imputed

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	homimp
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JRAS =
Edit flag for RAS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	homimp
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JRATFREQ =
Edit flag for RATFREQ

Blank or -9	No change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JRATS =

Edit flag for RATS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JRECRM =

Edit flag for RECRM

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JREEZE =
Edit flag for FREEZE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JREFI = **/ JREFI2** =
Edit flag for REFI/REFI2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JREFR =
Edit flag for REFR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JREL =
Edit flag for REL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JRENEW =
Edit flag for RENEW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2011, 2013N, 2013MSA

JRENT =
Edit flag for RENT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JREUAD =
Edit flag for REUAD

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JROACHFRQ =
Edit flag for ROACHFRQ

Blank or -9	No change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JROPSL =
Edit flag for CROPSL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JRSHOP =
Edit flag for DRSHOP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JRSTHO =
Edit flag for FRSTHO

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JRSTOC =
Edit flag for FRSTOC

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JRTYP1 = / JRTYP2 = / JRTYP3 =

Edit flag for MRTYP1/MRTYP2/MRTYP3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JRTYP1/JRTYP2: 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JRTYP3: 2011, 2013N, 2013MSA

JRUCKS =

Edit flag for TRUCKS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JSAL =
Edit flag for SAL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck
4	Edited and allocated

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JSEGAS =
Edit flag for USEGAS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JSEX =
Edit flag for SEX

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JSFCHG =
Edit flag for USFCHG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JSFLIN =
Edit flag for SFLIN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JSINK =

Edit flag for SINK

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JSPAN =

Edit flag for SPAN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JSPORH =

Edit flag for SPORTH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N

JSPOS =
Edit flag for SPOS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JSTORG =
Edit flag for STORG

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

JTBSUN =
Edit flag for ATBSUN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

JTCASH = / JTCAS2 = / JTCAS3 =

Edit flag for GTCASH/GTCAS2/GTCAS3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JTEN =

Edit flag for TEN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JTERM = / JTERM2 = / JTERM3 =

Edit flag for TERM/TERM2/TERM3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JTERM/JTERM2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JTERM3: 2011, 2013N, 2013MSA

JTHPMT = / JTPMT2 = / JTPMT3 =

Edit flag for OTHPMT/OTPMT2/OTPMT3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JTHPMT/JTPMT2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JTHPMT: 2011, 2013N, 2013MSA

JTHRUN =

Edit flag for OTHRUN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JTIMEJ =
Edit flag for TIMEJ

Blank or -9	No change
1	Other edit change
2	Changed by hot deck
4	Edited and allocated

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JTPARK =
Edit flag for TPARK

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JTRAN =
Edit flag for TRAN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JTRASH =
Edit flag for TRASH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JTUB =
Edit flag for TUB

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JTXRE =
Edit flag for TXRE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JTYPE =
Edit flag for TYPE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JUBMOR = **/ JUBMR2** =
Edit flag for SUBMOR/SUBMR2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JUBRNT =
Edit flag for SUBRNT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2011, 2013N, 2013MSA

JUBSEW =
Edit flag for PUBSEW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JUMAIR =
Edit flag for NUMAIR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JUMSEW =
Edit flag for NUMSEW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JUNIT2 =
Edit flag for NUNIT2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JUNITS =
Edit flag for NUNITS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JUNPBAL = **/ JUNPBAL2** = **/ JUNPBAL3** = **/ JUNPBAL4** =
Edit flag for UNPBAL/UNPBAL2/UNPBAL3/UNPBAL4

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011, 2013N, 2013MSA

JURNER =

Edit flag for BURNER

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JUSELECT =

Edit flag for USELECT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JUSEOIL =

Edit flag for USEOIL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JUSEOTHR =
Edit flag for USEOTHR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JUSPER =
Edit flag for BUSPER

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JVACAN =
Edit flag for VACANCY

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JVALU =

Edit flag for VALUE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JVARY = / JVARY2 = / JVARY3 =

Edit flag for VARY/VARY2/VARY3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JVARY/JVARY2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JVARY3: 2011, 2013N, 2013MSA

JVCNT1 =
Edit flag for MVCNT1

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	rmov
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JVCNT2 =
Edit flag for MVCNT2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	rmov
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JVCNT3 =
Edit flag for MVCNT3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	rmov
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JVEHCL =
Edit flag for VEHCL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JVOTHER =

Edit flag for VOTHER

Blank or -9	No change
1	Other edit change
2	Changed by hot deck
4	Edited and allocated

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2011, 2013N, 2013MSA

JVOTHER2 =

Edit flag for VOTHER2

Blank or -9	No change
1	Other edit change
2	Changed by hot deck
4	Edited and allocated

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2011, 2013N, 2013MSA

JWALLX =
Edit flag for WALLX

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

JWASH =
Edit flag for WASH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWATER =
Edit flag for WATER

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWFUEL =
Edit flag for WFUEL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWHAVL =
Edit flag for WHAVL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWHDSN =
Edit flag for WHDSN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWHDY =
Edit flag for WHDY

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JWHEXT =
Edit flag for WHEXT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWHFIN =
Edit flag for WHFIN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWHHRB =
Edit flag for WHHRB

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JWHHRW =
Edit flag for WHHRW

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JWHKIT =
Edit flag for WHKIT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011

JWHNHD =
Edit flag for WHNHD

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

JWHOTH =
Edit flag for WHOTH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWHQUL =
Edit flag for WHQUL

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWHSIZ =
Edit flag for WHSIZ

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWHYRD =
Edit flag for WHYRD

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWKCMP =

Edit flag for QWKCMP

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA

JWNAMEN =

Edit flag for WNAMEN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

JWNFAMILR =

Edit flag for WNFAMILR

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

JWNFUN =
Edit flag for WNFUN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011

JWNHER =
Edit flag for OWNHERE

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	owner
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWNJOB =
Edit flag for WNJOB

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWNLOT =
Edit flag for OWNLOT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWNSAFETY =
Edit flag for WNSAFETY

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

JWNSCH =
Edit flag for WNSCH

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWNSRV =
Edit flag for WNSRV

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JWTIME =

Edit flag for WTIME

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA

JXCLUS =

Edit flag for EXCLUS

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 1999 and earlier:	houshld
Relational table 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JXHEAD =

Edit flag for XHEAD

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JXPER =
Edit flag for XPER

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JXTEN =
Edit flag for XTEN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JXUNIT =
Edit flag for XUNIT

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

JYRMOR = / JRMOR2 = / JRMOR3 =

Edit flag for YRMOR/YRMOR2/YRMOR3

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	JYRMOR/JRMOR2: 1997N, 1998MSA, 1999N, 2001N, 2002MSA, 2003N, 2004MSA, 2005N, 2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA JRMOR3: 2011, 2013N, 2013MSA

JZINCN =

Edit flag for ZINCN

Blank or -9	No change
1	Other edit change
2	Changed by hot deck

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011, 2013N, 2013MSA

Income Limits

This section contains documentation for variables describing the income limits, Fair Market Rents (FMRs), area median incomes, and poverty levels for the records in the public use microdata of the AHS National Survey. These variables were added to the AHS Public Use Files beginning with the 2003 national PUF. Previously, HUD released these data in separate files that could be linked to the AHS national PUFs.

Users interested in these variables prior to 2003 can find them and related variables back to 1985 on the appropriate Housing Affordability Data System files dating available at http://www.huduser.org/portal/datasets/hads/hads.html.

FMRs, area median incomes, and income limits are area-specific figures that HUD calculates annually to help administer several of its assistance programs. The Department of Health and Human Services calculates poverty levels annually. Detailed explanations on how they are determined and data files for current and previous years are available at:

http://www.huduser.org/datasets/fmr.html (FMRs); http://www.huduser.org/datasets/il.html (income limits); and http://aspe.hhs.gov/poverty/poverty.shtml (poverty income guidelines).

This narrative discussion is based on the documentation provided by HUD.

HUD determines 3 sets of income limits for each area (typically a county or the group of counties included in a core-based statistical area (CBSA), formerly known as Metropolitan Statistical Area (MSA)): 30%, 50%, and 80% of area median income. These three income limits are then adjusted for household size, and used for various administrative purposes. The procedure is as follows:

1. For each area, estimate a median income.
2. Multiply the median income by 30, 50, and 80 percent.
3. Apply certain exceptions and make adjustments to these amounts.

Steps 1-3 determine three income limits for 4-person households. Step 4 adjusts for household size:

4. Multiply the amount from the previous step to get the amounts for each household size. For example, multiply by 70 percent to get the 1-person income limit.

Beginning with the 2003 survey, the estimates in the AHS data were calculated in a different way from the estimates of previous years. In order to understand this change, some background on the geographic variation of income limits and fair market rents is required, as is an understanding of the geographic variables available in the AHS public use file (PUF).
To avoid repetition, in the discussion below "income limits" should be understood to mean "income limits, area median incomes, and fair market rents."

HUD's Economic Market Analysis Division (EMAD) estimates income limits annually for every metropolitan area and nonmetropolitan county in the United States. However, the AHS PUF

identifies the metropolitan area (via the SMSA variable) only when the area has a population of 100,000 or more persons. Other AHS variables that have a geographic component include REGION (the four Census regions), METRO3 (central city, suburban, or nonmetropolitan), and DEGREE (heating and cooling degree days).

In the mid-1990s, a group of HUD analysts computed population-weighted averages of 1995 HUD income limits and fair market rents for the areas identified by SMSA and for the other areas denoted by all possible combinations of REGION*METRO*DEGREE (METRO was an earlier version of METRO3). These averages were used as input by a computer program that looked up the correct information in that file, for each AHS record. The program also applied the household size adjustments and calculated poverty incomes. The process was repeated for 1997.

From 1997 through 2001, these 1997 values were updated for inflation, using the Consumer Price Index. Similarly, the data in earlier versions (1985-1993) of the HADS files are inflation-adjusted 1995 HUD income limits. Where the metropolitan area was known, the appropriate 1995 or 1997 limits were adjusted. For other areas, the REGION*METRO*DEGREE limits were adjusted. The HADS files also contain estimates for income limits and median income levels that use a modified inflation adjustment. Users should refer to the most recent HADS documentation available at http://www.huduser.org/portal/datasets/hads/hads.html.

Subsequently, the Census Bureau developed a geocoded database that allows analysts to identify the county and metropolitan area of each AHS record. (For confidentiality reason, access to this database is limited to sworn Census employees.) The existence of this database and improvements in computing power have made it possible to match AHS records with the income limits appropriate to that housing unit's county or metropolitan area.

Beginning in 2003, the AHS national file uses actual HUD income limits for all records identified by SMSA. For those not so identified, the income limits are averaged across all records with the same REGION*METRO3*DEGREE combination. (This was done to preserve confidentiality.) Thus, the new limits will more accurately reflect current income and rent conditions.

The AHS SMSA variable is based on the 1980 metropolitan area definitions. HUD's EMAD estimates income limits on the basis of current definitions. Because of this, units with the same SMSA value may not be in geographic areas with respect to EMAD income limits estimates. In the AHS data set, we deal with this discrepancy by including three versions of each income limit. For example, LMED, LMEDA, and LMEDB all represent area median income. LMED is the *average* of the median incomes present in the area covered by the AHS SMSA. LMEDA is the *minimum* of any median incomes applicable in the SMSA, and LMEDB is the *maximum*. In most cases, the user will find LMED satisfactory. However, if it is important to ensure that (for example) a household's income is below the area median, LMEDA should be used. Similarly, to ensure that income is above the median, LMEDB should be used.

FMR =

Fair market rent (average)

Long description:
Fair market rents (FMRs), set at the 40th percentile of estimated gross rental costs for standard quality rental housing units, are used to determine the eligibility of rental housing units for the Section 8 Housing Assistance Payments program. FMR (average) is a population-weighted average of the different FMRs existing within one AHS location.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
1. Fair market rent is in dollars per month.
2. In 2001, FMRs for 39 selected areas began being calculated at the 50th percentile level.
3. Prior to 2003, FMR estimates are based on official HUD numbers as of 1995, updated for inflation. Starting in 2003, they are based on current levels.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

FMRA =

Fair market rent (minimum)

Long description:
Fair market rents (FMRs), set at the 40th percentile of estimated gross rental costs for standard quality rental housing units, are used to determine the eligibility of rental housing units for the Section 8 Housing Assistance Payments program. FMR (minimum) is the lowest FMR value present in an AHS location.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
See FMR notes.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

FMRB =

Fair market rent (maximum)

Long description:
Fair market rents (FMRs), set at the 40th percentile of estimated gross rental costs for standard quality rental housing units, are used to determine the eligibility of rental housing units for the Section 8 Housing Assistance Payments program. FMR (maximum) is the highest FMR value present in an AHS location.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
See FMR notes.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

IPOV =

Poverty level income

Long description:
This is the federal poverty measure used to determine financial eligibility for certain federal programs. It is based on 1983 official HHS guidelines and annually updated for inflation.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

L30 =
Extremely low income limit (average)

Long description:
HUD's extremely low income limit is set at 30% of the area median income, but then subject to adjustments based on certain exceptions. This variable is a population-weighted average of the corresponding limits of FMR/income limit areas within an AHS area.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Though extremely low income limits were calculated for each FMR/income limit level beginning in 1999, their AHS area corresponding values (average, minimum, and maximum) do not exist prior to 2003.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

L30A =
Extremely low income limit (minimum)

Long description:
For each FMR/income limit area, HUD's extremely low income limit is set at 30% of the area median income, but then subject to adjustments based on certain exceptions. This variable is the lowest such limit found within an AHS area.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
See L30 notes.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

L30B =
Extremely low income limit (maximum)

Long description:
For each FMR/income limit area, HUD's extremely low income limit is set at 30% of the area median income, but then subject to adjustments based on certain exceptions. This variable is the highest such limit found within an AHS area.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
See L30 notes.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

L50 =
Very low income limit (average)

Long description:
HUD's very low income limit is set at 50% of the area median income, but then subject to adjustments based on certain exceptions. This variable is a population-weighted average of the corresponding limits of FMR/income limit areas within an AHS area.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Prior to 2003, averages are based on HUD's 1995 limits, updated for inflation using the Consumer Price Index. Starting in 2003, they are based on current levels.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

L50A =
Very low income limit (minimum)

Long description:
For each FMR/income limit area, HUD's very low income limit is set at 50% of the area median income, but then subject to adjustments based on certain exceptions.
This variable is the lowest such limit found within an AHS area.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Prior to 2003, values are based on HUD's 1995 estimates, updated for inflation using the Consumer Price Index. Starting in 2003, they are based on current levels.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

L50B =
Very low income limit (maximum)

Long description:
For each FMR/income limit area, HUD's very low income limit is set at 50% of the area median income, but then subject to adjustments based on certain exceptions.
This variable is the highest such limit found within an AHS area.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Prior to 2003, values are based on HUD's 1995 estimates, updated for inflation using the Consumer Price Index. Starting in 2003, they are based on current levels.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

L80 =
Low income limit (average)

Long description:
HUD's low income limit is set at 80% of the area median income, but then subject to adjustments based on certain exceptions. This variable is a population-weighted average of the corresponding limits of FMR/income limit areas within an AHS area.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Prior to 2003, averages are based on HUD's 1995 limits, updated for inflation using the Consumer Price Index. Starting in 2003, they are based on current levels.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

L80A =
Low income limit (minimum)

Long description:
For each FMR/income limit area, HUD's low income limit is set at 80% of the area median income, but then subject to adjustments based on certain exceptions. This variable is the lowest such limit found within an AHS area.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Prior to 2003, values are based on HUD's 1995 estimates, updated for inflation using the Consumer Price Index. Starting in 2003, they are based on current levels.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

L80B =

Low income limit (maximum)

Long description:
For each FMR/income limit area, HUD's low income limit is set at 80% of the area median income, but then subject to adjustments based on certain exceptions.
This variable is the highest such limit found within an AHS area.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Prior to 2003, values are based on HUD's 1995 estimates, updated for inflation using the Consumer Price Index. Starting in 2003, they are based on current levels.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

LMED =

Average median income (average)

Long description:
A population-weighted average of HUD's median family income estimates for each FMR/income limit area within an AHS area.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Prior to 2003, averages are based on HUD's 1995 limits, updated for inflation using the Consumer Price Index. Starting in 2003, they are based on current levels.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

LMEDA =

Average median income (minimum)

Long description:
The lowest median family income estimate for an FMR/income limit area within an AHS area.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Prior to 2003, values are based on HUD's 1995 estimates, updated for inflation using the Consumer Price Index. Starting in 2003, they are based on current levels.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

LMEDB =

Average median income (maximum)

Long description:
The highest median family income estimate for an FMR/income limit area within an AHS area.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table 2002 and earlier:	Separate data file - see note.
Relational table 2003 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N, 2003N, 2005N, 2007N, 2009N, 2011, 2013N

Notes:
Prior to 2003, values are based on HUD's 1995 estimates, updated for inflation using the Consumer Price Index. Starting in 2003, they are based on current levels.
Prior to the 2003 National file, income limit data are contained in a separate file available on HUD USER.

Healthy Homes

The 2011 AHS contained a topical module to collect information on both hazards in the home, such as mold or unfenced swimming pools, and safety features in the home, such as smoke detectors and fire extinguishers. The module also asks a few question about the health of the householder and young household members. These questions were not asked in previous AHS surveys, and the Healthy Home module is not intended to be a regular component of future AHS surveys. It may be repeated in some future surveys.

ASTHEMR =

Emergency room visit for asthma

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
During the last 12 months, has the youngest household member had to visit an emergency room because of asthma?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

ASTHMA =

Household has child with asthma

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Has a doctor or other health professional ever told you that any of your children who have lived in the home have asthma?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

ASTHMED =

Daily medication for asthma

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In the last 12 months, has the youngest household member taken daily medicines for asthma to prevent symptoms?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

BATTERY =

Smoke detector batteries replaced in last 6 months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have the batteries in your smoke detector been replaced in the past 6 months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Unit's smoke detector is not powered by batteries]

CHEMSTOR =

Hazardous materials stored out of children's reach

1	All
2	Some
3	None
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How many chemicals, pesticides, cleaning supplies, and medicines are stored out of the reach of young children?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

COBATT =

Carbon monoxide detector batteries replaced in the last 6 months

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Have the batteries in the carbon monoxide detector been replaced in the past 6 months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

COPWR =

Carbon monoxide detector power source

1	Electricity
2	Batteries
3	Both
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is the carbon monoxide detector powered by electricity, batteries, or both?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

EXTC =

Extension cords used

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do you use extension cords at home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

EXTCOND =

Cracked or worn extension cords

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of the extension cords in the home cracked or worn?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

FIREX =

Unit has a fire extinguisher

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is there a fire extinguisher in the home that was purchased or recharged in the last 2 years?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011

Conditions not in universe:
1 : [(NOT occupied interview)]

H20HT =

Hot water temperature checked

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Has anyone ever checked the temperature of the hot water?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

H20MF =
Access to water heater

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do you have access to the water heater for the unit?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HLTH =
Householder's health

1	Excellent
2	Very Good
3	Fair
4	Poor
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Would you say that the head of household's health in general is excellent, very good, fair, or poor?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

MOLD =

Mold present in home

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In the last 12 months, was there mold covering an area greater than or equal to the size of an 8½″ x 11″ piece of paper in the home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

MOLDBASEM =

Mold present in basement

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
Respondent reported mold present in basement.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

MOLDBATH =

Mold present in bathroom

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
Respondent reported mold present in bathrooms.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

MOLDBEDRM =

Mold present in bedroom

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
Respondent reported mold present in bedrooms.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

MOLDKITCH =

Mold present in kitchen

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
Respondent reported mold present in kitchen.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

MOLDLROOM =

Mold present in living room

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
Respondent reported mold present in living room.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

MOLDOTHER =

Mold present in some other room

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Long description:
Respondent reported mold present in some other room.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

MONOX =

Unit has carbon monoxide detector

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is a working carbon monoxide detector inside the home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

MUST =

Frequency of musty smells

1	Daily
2	Weekly
3	Monthly
4	A few times
5	Never
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In the last 12 months, how often have you noticed any musty smells inside the home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

OUTLET =

Covered outlets

1	All
2	Some
3	None
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
How many of the electrical outlets in the home have child tamper-resistant outlet covers?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

PASTHWHO =

Has asthma

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
Blank or -9	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

POOLACC =

Outdoor swimming pool

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do you have access to an outdoor swimming pool on the property?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

POOLFEN =

Fence around pool

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is there a fence at least 4 feet tall that goes all the way around the pool with a gate that closes and locks automatically?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

SAFEU5KD =

Children under 5 live in or regularly visit household (recode)

1	Yes
2	No
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

SECSMK =

Frequency secondhand smoke entering home

1	Daily
2	Weekly
3	Monthly
4	A few times
5	Never
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
In the last 12 months, how often has second-hand tobacco smoke entered inside the home from somewhere else in or around the building?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

SMKR =

Household member smokes in home

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do any members of the household smoke tobacco inside the home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

SMKVIS =

Visitor to the household smokes in home

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do any visitors to the household smoke tobacco inside the home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

SMOKE =

Smoke detector

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is a working smoke detector inside the home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

SMOKPWR =
Smoke detector power source

1	Electricity
2	Batteries
3	Electricity and batteries
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is the smoke detector powered by electricity, batteries, or both?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)] ; OR
2 : [(Occupied interview or URE interview or vacant interview)] AND [Unit does not have a smoke detector]

SPRNKLR =

Sprinkler system inside the unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is a fire sprinkler system inside the home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2007N, 2007MSA, 2009N, 2009MSA, 2011

Conditions not in universe:
1 : [NOT (occupied interview or URE interview or vacant interview)]

STAIRBRK =

Broken or missing steps

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are any of the steps missing or broken on these stairs?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

STAIRCOV =

Non-slip coverings on stairs

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do the steps on these stairs have any type of nonslip covering such as fixed carpets, nonslip coatings, etc.?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

STAIRGAT =

Gates on the stairs

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Do any of these stairs have gates?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

STAIRLGT =

Well lit stairs

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are all of the staircases well lit?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

STAIRMIS =

Broken or missing railings

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are there any missing or broken railings on the stairs inside the home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

STAIRRL =

Stair railing firmly attached

1	All
2	Some
3	None
4	No railings
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Are all, some, or none of the railings on the stairs inside the home firmly attached?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

STAIRS =

Stairs in unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does the home have any stairs inside, such as stairs to upstairs, basement, attic, etc?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

Housing Modification

The 2011 AHS contained a topical module to collect information on whether household members experience difficulties in using various components of a home, such as cabinets and showers, and on the extent to which housing units contain features to make these components more accessible, such as wheelchair accessible kitchen cabinets or handrails or grab bars in bathrooms. The module also asks a few questions about the physical capabilities of household members, such as use of a cane or difficulty grasping objects. These questions were not asked in previous AHS surveys, and the Housing Modification module is not intended to be a regular component of future AHS surveys. It may be repeated in some future surveys.

CANE =

Someone in the household uses a cane or walker

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone use any of the following equipment because of a condition other than a temporary injury?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

CLIFT =

Someone in the household uses a chairlift

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone use any of the following equipment because of a condition other than a temporary injury?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

CRUTCH =

Someone in the household uses crutches

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone use any of the following equipment because of a condition other than a temporary injury?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

ECHAIR =

Someone in the household uses an electric wheelchair or cart or scooter

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone use any of the following equipment because of a condition other than a temporary injury?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HBTUB =

Household member has difficulty getting into bathtub (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HCAB =

Household member has difficulty opening kitchen cabinets (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HCTRUSE =

Household member has difficulty using kitchen counters (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HFAUCET =

Household member has difficulty using faucets (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HGETBR =

Household member has difficulty getting to bathroom (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HGRASP =

Household member has difficulty grasping objects (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HKCAB =

Household member has difficulty reaching kitchen cabinets (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMACAB =

Presence and use of wheelchair accessible kitchen cabinets

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMACAB
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMBRL =

Presence and use of handrails or grab bars in bathroom

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMBRL
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMBROOM =

Presence and use of wheelchair accessible bathroom

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMBROOM
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMBST =

Presence and use of built-in shower seats

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMBST
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMCLCTRL =

Presence and use of wheelchair accessible climate controls

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMCLCTRL
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMCOUNT =

Presence and use of wheelchair accessible countertops

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMCOUNT
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMELEVATE =

Presence and use of elevator in unit

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMELEVTE
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMENTBD =

Presence and use of bedroom on entry level

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMENTBD
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMENTBTH =

Presence and use of full bathroom on entry level

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMENTBTH
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMHNDLE =

Presence and use of door handles instead of knobs

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMHNDLE
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMHNDRL =

Presence and use of handrails or grab bars in unit

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMHNDRL
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMKIT =

Presence and use of wheelchair accessible kitchen

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMKIT
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMKITRY =

Presence and use of kitchen trays/lazy susans

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMKITRY
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMLEVEL =

Presence and use of no steps between rooms

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMLEVEL
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMORL =

Presence and use of handrails or grab bars in other areas

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMORL
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMOUTLET =

Presence and use of wheelchair accessible electrical outlets

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMOUTET
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMRAMPS =

Presence and use of ramps in unit

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMRAMPS
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMSKLVR =

Presence and use of sink handles/levers

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMSKLVR
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMSWITCH =

Presence and use of wheelchair accessible electrical switches

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMSWITCH
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMTOILET =

Presence and use of raised toilets

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMTOILET
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMWHEELN =

Number of wheelchair accessible features in unit (recode)

0:7	0-7
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HMXWDR =

Presence and use of extra-wide doors/hallways

1	Home has feature, and is currently used by a household member with a physical limitation
2	Home has feature, but is not currently used by a household member with a physical limitation
3	Home does not have feature
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does your home currently have any of the following features? Does anyone in the household currently use this feature on a regular basis because of a physical limitation?

Type:	Character
Edit flag variable:	JHMXWDR
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HREACH =

Household member has difficulty reaching above head (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HSINK =

Household member has difficulty using sink (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HSTOOP =

Household member has difficulty stooping or kneeling (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HSTOV =

Household member has difficulty using stove (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

HWSHWR =

Household member has difficulty using walk-in shower (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMACAB =

Edit flag for HMACAB

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMBRL =

Edit flag for HMBRL

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMBROOM =

Edit flag for HMBROOM

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMBST =

Edit flag for HMBST

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMCLCTRL =

Edit flag for HMCLCTRL

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMCOUNT =

Edit flag for HMCOUNT

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMELEVTE =

Edit flag for HMELEVATE

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMENTBD =

Edit flag for HMENTBD

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMENTBTH =
Edit flag for HMENTBTH

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMHNDLE =
Edit flag for HMHNDLE

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMHNDRL =
Edit flag for HMHNDRL

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMKIT =
Edit flag for HMKIT

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMKITRY =
Edit flag for HMKITRY

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMLEVEL =
Edit flag for HMLEVEL

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMORL =
Edit flag for HMORL

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMOUTET =
Edit flag for HMOUTLET

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMRAMPS =
Edit flag for HMRAMPS

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMSKLVR =
Edit flag for HMSKLVR

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMSWITCH =
Edit flag for HMSWITCH

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMTOILET =
Edit flag for HMTOILET

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

JHMXWDR =

Edit flag for HMXWDR

Blank or -9	No change
1	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

MOBUSE =

Household member uses a mobility device (recode)

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

PBTUB =

Has difficulty getting into or out of bathtub

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

PCTRUSE =

Has difficulty using kitchen counters

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

PFAUCET =

Has difficulty using faucets

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

PGETBR =

Has difficulty getting to bathroom

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

PGRASP =

Has difficulty using fingers to grasp small objects

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

PKCAB =

Has difficulty reaching kitchen cabinets

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

POCAB =

Has difficulty opening kitchen cabinets

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

PREACH =

Has difficulty reaching over head

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

PSINK =
Has difficulty using sink

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

PSTOOP =
Has difficulty stooping or kneeling or bending

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

PSTOV =

Has difficulty using stove

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

PWSHWR =

Has difficulty getting into or out of walk-in shower

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Without assistance, does anyone have problems with any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	person
Unit of observation:	PERSON
Present in survey year(s):	2011

SPOTHR =

Someone in the household uses other mobility device

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone use any of the following equipment because of a condition other than a temporary injury?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

WCHAIR =

Someone in the household uses a manual wheelchair

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does anyone use any of the following equipment because of a condition other than a temporary injury?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2011

Public Transportation

The 2013 AHS contained a module on the use of public transportation. To reduce respondent burden, the questions in the this module were asked of only a subsample of households. SPLITWGT1 should be used to analyze the questions in this module.

PTBANK =
Access to personal bank by public transport

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
(Please tell me if you could take public transportation to)
Your bank?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTCOSTCARM =

Monthly household spending on car maintenance

0000:9997	$0–$9,997
9998	$9,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How much do you estimate your household spends each month on: Car maintenance?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

Notes:
Topcoded at the 99.5th percentile.

PTCOSTCARP =

Monthly household spending on car payments

0000:9997	$0–$9,997
9998	$9,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How much do you estimate your household spends each month on: Car payments?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.

PTCOSTGAS =

Monthly household spending on gasoline

0000:9997	$0–$9,997
9998	$9,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How much do you estimate your household spends each month on: Gasoline?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

Notes:
Topcoded at the 99.5th percentile.

PTCOSTINSU =

Monthly household spending on car insurance

0000:9997	$0–$9,997
9998	$9,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How much do you estimate your household spends each month on: Auto insurance?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

Notes:
Topcoded at the 99.5th percentile.

PTCOSTPARK =

Monthly household spending on parking

0000:9997	$0–$9,997
9998	$9,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How much do you estimate your household spends each month on: Parking?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.

PTCOSTPTR =

Monthly household spending on public transport

0000:9997	$0–$9,997
9998	$9,998 or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How much do you estimate your household spends each month on: Public transportation?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

Notes:
Topcoded at the 97th percentile.

PTDISBUS =

Distance to bus

1	Less than ¼ mile
2	¼ to less than ½ mile
3	½ to less than 1 mile
4	1 mile or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
You said you or someone in your household use the bus. How far is the bus from your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTDISPUB =

Distance of closest public transportation stop

1	Less than ¼ mile
2	¼ to less than ½ mile
3	½ to less than 1 mile
4	1 mile or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How far is the nearest public transportation stop from your home? Is it…

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTDISRAIL =

Distance to commuter rail

1	Less than ¼ mile
2	¼ to less than ½ mile
3	½ to less than 1 mile
4	1 mile or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
You said you or someone in your household use commuter rail. How far is the commuter rail from your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTDISSHUT =

Distance to shuttle

1	Less than ¼ mile
2	¼ to less than ½ mile
3	½ to less than 1 mile
4	1 mile or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
You said you or someone in your household use the commuter shuttle. How far is the commuter shuttle from your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTDISSUB =

Distance to subway

1	Less than ¼ mile
2	¼ to less than ½ mile
3	½ to less than 1 mile
4	1 mile or more
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
You said you or someone in your household use the subway, light rail, or trolley. How far is the subway, light rail, or trolley from your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTENTMNT =

Access to entertainment by public transport

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
(Please tell me if you could take public transportation to)
Entertainment such as going out to eat, attending a cultural or sporting event, visiting a park, etc.?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTGETBUS =
How household member gets to the bus

1	Local public bus
2	Subway, elevated train, street car, light rail, or trolley
3	Commuter bus or shuttle van
4	Commuter or inter-city train such as Amtrak
5	Walk
6	Bicycle
7	Drive
8	Have someone else drive
9	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How do you or someone in your household usually get to the bus?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTGETRAIL =
How household member gets to rail

1	Local public bus
2	Subway, elevated train, street car, light rail, or trolley
3	Commuter bus or shuttle van
4	Commuter or inter-city train such as Amtrak
5	Walk
6	Bicycle
7	Drive
8	Have someone else drive
9	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How do you or someone in your household usually get to the commuter rail?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTGETSHUT =
How household member gets to shuttle

1	Local public bus
2	Subway, elevated train, street car, light rail, or trolley
3	Commuter bus or shuttle van
4	Commuter or inter-city train such as Amtrak
5	Walk
6	Bicycle
7	Drive
8	Have someone else drive
9	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How do you or someone in your household usually get to the commuter shuttle?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTGETSUB =

How household member gets to subway

1	Local public bus
2	Subway, elevated train, street car, light rail, or trolley
3	Commuter bus or shuttle van
4	Commuter or inter-city train such as Amtrak
5	Walk
6	Bicycle
7	Drive
8	Have someone else drive
9	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How do you or someone in your household usually get to the subway, light rail, or trolley?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTGROCER =

Access to grocery store by public transport

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Many people use public transportation to access various services and amenities. You may or may not use public transportation for these purposes, but we are interested in finding out if you could access these services and amenities using public transportation, if you choose to do so. Please tell me if you could take public transportation to any of the following from your home: A large grocery store or supermarket?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTHEALTH =

Access to health care facilities by public transport

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
(Please tell me if you could take public transportation to)
Health care facility such as your doctor's office or hospital?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTOFTBUS =

How often household member uses the bus

1	Daily
2	4–6 times a week
3	1–3 times a week
4	3 or more times a month
5	1 to 2 times a month
6	Less than once a month
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How often do you or someone in your household use a bus? Round trips count as one use.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTOFTRAIL =

How often household member uses rail

1	Daily
2	4–6 times a week
3	1–3 times a week
4	3 or more times a month
5	1 to 2 times a month
6	Less than once a month
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How often do you or someone in your household use commuter rail? Round trips count as one use.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTOFTSHUT =

How often household member uses shuttle

1	Daily
2	4–6 times a week
3	1–3 times a week
4	3 or more times a month
5	1 to 2 times a month
6	Less than once a month
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How often do you or someone in your household use a commuter shuttle? Round trips count as one use.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTOFTSUB =

How often household member uses subway

1	Daily
2	4–6 times a week
3	1–3 times a week
4	3 or more times a month
5	1 to 2 times a month
6	Less than once a month
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How often do you or someone in your household use the subway, light rail, or trolley? Round trips count as one use.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTPUBTRN =

Household uses public transportation

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Do you or anyone in your household ever use public transportation? By public transportation we mean bus, subway/light rail/trolley, commuter shuttle, or commuter rail such as Amtrak.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTRETAIL =

Access to retail shopping by public transport

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
(Please tell me if you could take public transportation to)
Other retail shopping such as for clothes, household goods, books, music, etc.?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTSERVIC =

Access to personal services by public transport

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
(Please tell me if you could take public transportation to)
Personal services such as hair or nail care salon, dry cleaner, etc.?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTUSBUS =

Household uses bus

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What types of public transportation do you or people in your household use?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTUSCRPL =

Household uses carpool

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Now, I want to ask about using other types of transportation. Do you or anyone in your household use any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTUSCRSH =

Household uses car sharing

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Now, I want to ask about using other types of transportation. Do you or anyone in your household use any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTUSOTR =

Household uses other public transportation

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What types of public transportation do you or people in your household use?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTUSRAIL =

Household uses commuter rail

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What types of public transportation do you or people in your household use?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTUSSHUT =

Household uses commuter bus or shuttle van

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What types of public transportation do you or people in your household use?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTUSSUB =

Household uses subway

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What types of public transportation do you or people in your household use?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTUSTAXI =

Household uses taxi

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Now, I want to ask about using other types of transportation. Do you or anyone in your household use any of the following:

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

PTWKSCHL =

How often public transport is used to work or school

1	Always
2	Most of the time
3	Sometimes
4	Once in a while
5	Never
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How often do you or someone in your household use public transportation to commute to work or school? Would you say always, most of the time, sometimes, once in a while, or never?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBBANK =

Access to bank by walking or biking

1	Accessible by walking
2	Accessible by biking
3	Accessible by walking and biking
4	Not accessible by walking or biking
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
(Please tell me if you could walk or bicycle to)
Your bank? Can you walk, bicycle, or both?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBBIKELANE =

Neighborhood has bike lanes

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Does your neighborhood have any lanes on the road that are reserved for bicycling? These lanes are also known as bike lanes.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBBIKEWALK =

Household bikes and/or walks around neighborhood

1	Yes, someone in household walks
2	Yes, someone in household bikes
3	Yes, someone in household walks and bikes
4	No, no one in the household walks or bikes
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
In a typical week, do you or anyone in your household walk or bicycle to any place inside or outside your neighborhood? Which is it, walk, bicycle, or both?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBENTMNT =

Access to entertainment by walking or biking

1	Accessible by walking
2	Accessible by biking
3	Accessible by walking and biking
4	Not accessible by walking or biking
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
(Please tell me if you could walk or bicycle to)
Entertainment such as going out to eat, attending a cultural or sporting event, visiting a park, etc.? Can you walk, bicycle, or both?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBGROCER =

Access to grocery store by walking or biking

1	Accessible by walking
2	Accessible by biking
3	Accessible by walking and biking
4	Not accessible by walking or biking
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Many people walk or bicycle to various services and amenities. You may or may not walk or bicycle for these purposes, but we are interested in finding out if you could access these services and amenities by walking or bicycling, if you choose to do so. Please tell me if you could walk or bicycle to any of the following: A large grocery store or supermarket? Can you walk, bicycle, or both?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBHEALTH =

Access to health care by walking or biking

1	Accessible by walking
2	Accessible by biking
3	Accessible by walking and biking
4	Not accessible by walking or biking
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
(Please tell me if you could walk or bicycle to)
Health care facility such as your doctor's office or hospital? Can you walk, bicycle, or both?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBIKE =

Household has a reason not to walk or bike

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Are there any reasons why you or anyone in your household do not walk or bicycle in your neighborhood?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBKBDSW =

Doesn't walk/bike because of poor sidewalks

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What are these reasons?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBKBIKE =

Doesn't walk/bike because of lack of bicycle

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What are these reasons?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBKCRIM =

Doesn't walk/bike because of crime

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What are these reasons?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBKDEST =

Doesn't walk/bike because of lack of destination

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What are these reasons?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBKFAST =

Doesn't walk/bike because of fast traffic

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What are these reasons?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBKHLTH =

Doesn't walk/bike because of health

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What are these reasons?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBKLANE =

Doesn't walk/bike because of no bike lanes

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What are these reasons?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBKLITE =

Doesn't walk/bike because of poor lighting

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What are these reasons?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBKNOSW =

Doesn't walk/bike because of no sidewalks

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What are these reasons?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBKOTHR =

Doesn't walk/bike for other reason

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What are these reasons?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBKTIME =

Doesn't walk/bike because of lack of time

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What are these reasons?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBNOBKTRAF =

Doesn't walk/bike because of too much traffic

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What are these reasons?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBRETAIL =

Access to retail shopping by walking or biking

1	Accessible by walking
2	Accessible by biking
3	Accessible by walking and biking
4	Not accessible by walking or biking
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
(Please tell me if you could walk or bicycle to any of the following)
Other retail shopping such as for clothes, household goods, books, music, etc.? Can you walk, bicycle, or both?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBSERVIC =

Access to personal services by walking or biking

1	Accessible by walking
2	Accessible by biking
3	Accessible by walking and biking
4	Not accessible by walking or biking
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
(Please tell me if you could walk or bicycle to)
Personal services such as hair or nail care salon, drycleaner, etc.? Can you walk, bicycle, or both?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBSIDEWALK =

Neighborhood has usable, well-lit sidewalks

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Does your neighborhood have sidewalks that are wide enough for two adults to walk side by side and have adequate lighting at night?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

WBWKSCHL =

Access to work or school by walking or biking

1	Accessible by walking
2	Accessible by biking
3	Accessible by walking and biking
4	Not accessible by walking or biking
5	No work or school
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
(Please tell me if you could walk or bicycle to any of the following:)
Your school or workplace, if you have one? Can you walk, bicycle, or both?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

Disaster Planning

The 2013 AHS contained a module on household preparation for disaster situations. SPLITWGT1 should be used to analyze the questions in this new module.

DPALTCOM =

Alternative communication plan

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Do the members of your household have a plan for communicating in the event that cell phone service is disrupted?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DPBNREAD =

Building number readable from street

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Is house / building number clearly readable from the street, even at night such as with reflective numbers posted on the building structure or on the mailbox?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DPDRFOOD =

Non-perishable food availability

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Does household have available non-perishable food for 3 days?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DPEMWATER =

Emergency water

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Does household have available at least 3 gallons or 24 bottles of water per person?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DPEVACPETS =

Household needs evacuation assistance for pets

1	Yes
2	No
3	No pets
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
If you have pets and needed to evacuate from your town or city to a safe place at least 50 miles away, would you need assistance evacuating or sheltering your pets?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DPEVFIN =

Financial resources in case of evacuation

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
If you had to evacuate from your town or city to a safe place at least 50 miles away, do you have the financial resources, in terms of savings or available credit card balances, to meet expenses of up to $2,000?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DPEVINFO =

Disaster plan with financial and contact info

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Would you have access to your vital financial information and contact numbers if you had to evacuate your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DPEVKIT =

Emergency kit prepared

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Does your household have emergency supplies readily available to take with you if you have to evacuate your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DPEVLOC =

Evacuation location

1	Relatives / Friends
2	Shelter
3	Hotel
4	RV
5	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
If you had to evacuate from your town or city to a safe place at least 50 miles away for at least two weeks, where would you most likely stay during those two weeks?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DPEVSEP =

Separated evacuation location

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
In some disasters, household members will need to evacuate separately. Does your household have an agreed-upon meeting point if that should happen?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DPEVVEHIC =

Vehicle available during emergency

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
If you had to evacuate from your town or city to a safe place at least 50 miles away do you have enough reliable vehicles to carry all of your household members and a small amount of supplies such as clothes and food?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DPGENERT =

Generator for power outage

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Do you have a generator to provide electricity in case there is a power outage?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	topical
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

Doubling Up

The 2013 AHS contained a tripartite module on households that had experienced doubling-up or undoubling-up. Households containing other household members (persons who are not householder's spouse, partner, or minor children) are labeled "doubled-up households." The first module asks information on persons or groups of person who had left the household, i.e., undoubled. The second module asks information on other household members who moved into the household. The third module asks questions to identify households whose members may need to double-up in the immediate future.

Doubling Up I

DBGRPCNT =

Number of out-movers in out-mover group

1-30	Number of out-movers
B or -6	Not applicable

Long description:
This is a count of the number of individual out-movers who were reported as moving out of the unit as part of the DBUGROUP out-mover group.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	omov
Unit of observation:	OUT-MOVER
Present in survey year(s):	2013N, 2013MSA

DBGRPNUM =

Number of out-mover groups in the past year

0	0 out-mover groups
1	1 out-mover group
2	2 out-mover groups
3	3 or more out-mover groups
B or -6	Not applicable

Long description:
This is a count of the number of out-mover groups associated with the household.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBOUT1LEN =

Length of stay for first out-mover group

1	Less than 2 weeks
2	About 2 to 4 weeks
3	About 1 to 3 months
4	About 4 to 6 months
5	About 7 to 12 months
6	More than 12 months
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How long did [FIRST OUT-MOVER GROUP] live or stay in this home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBOUT1REAS =

Reason first out-mover group left

1	Financial reasons
2	Crowding, conflict, or violence in the household
3	A major change in family
4	Health reasons
5	To be closer to work or job
6	School or military
7	To establish own household
8	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What was the main reason [FIRST OUT-MOVER GROUP] left?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBOUT1VOL =

First out-mover group left voluntarily or not

1	Asked to leave
2	Left voluntarily
3	Left for some other reason
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Were [FIRST OUT-MOVER GROUP] asked to leave, did they leave voluntarily, or did they leave for some other reason?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBOUT1WHER =

Where first out-mover group moved

1	Their own place
2	The home of relatives or friends
3	Student or military dormitories or barracks
4	Foster care
5	A treatment program such as a hospital or nursing home
6	Jail or prison
7	A shelter or other homeless program facility
8	A place not meant for people to live (e.g., park, sidewalk, abandoned building, car)
9	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Where did [FIRST OUT-MOVER GROUP] move?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBOUT1WHY =

Reason first out-mover group moved out of home

1	Stayed due to lack of financial support
2	Did not stay due to lack of financial support
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Were [FIRST OUT-MOVER GROUP] staying here because they did not have a regular or adequate place to stay due to a lack of money or other means of financial support?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBOUTLEN =

Length of former co-occupant stay

1	Less than 2 weeks
2	About 2 to 4 weeks
3	About 1 to 3 months
4	About 4 to 6 months
5	About 7 to 12 months
6	More than 12 months
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How long did [OUT-MOVERS] live or stay in this home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	omov
Unit of observation:	OUT-MOVER
Present in survey year(s):	2013N, 2013MSA

DBOUTMOVE =

Co-occupant has moved out of house

1	Co-occupant has moved out of house within past year
2	No co-occupant has moved out of house within past year
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
In the past 12 months/Since you have lived here has anyone moved out? Please include anyone that stayed in the home for at least 2 weeks that did not have some other place where they usually live, and minors who moved out without a parent or guardian.

Type:	Character
Edit flag variable:	JDBMOUT
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBOUTREAS =

Reason former co-occupant left home

1	Financial reasons
2	Crowding, conflict, or violence in the household
3	A major change in family
4	Health reasons
5	To be closer to work or job
6	School or military
7	To establish own household
8	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What was the main reason [OUT-MOVERS] left?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	omov
Unit of observation:	OUT-MOVER
Present in survey year(s):	2013N, 2013MSA

DBOUTVOL =

Former co-occupant left under force or voluntarily

1	Asked to leave
2	Left voluntarily
3	Left for some other reason
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Were [OUT-MOVERS] asked to leave, did they leave voluntarily, or did they leave for some other reason?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	omov
Unit of observation:	OUT-MOVER
Present in survey year(s):	2013N, 2013MSA

DBOUTWHER =

Where former co-occupant moved to

1	Their own place
2	The home of relatives or friends
3	Student or military dormitories or barracks
4	Foster care
5	A treatment program such as a hospital or nursing home
6	Jail or prison
7	A shelter or other homeless program facility
8	A place not meant for people to live (e.g., park, sidewalk, abandoned building, car)
9	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Where did [OUT-MOVERS] move?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	omov
Unit of observation:	OUT-MOVER
Present in survey year(s):	2013N, 2013MSA

DBOUTWHY =

Reason former co-occupant stayed in home

1	Stayed due to lack of financial support
2	Did not stay due to lack of financial support
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Were [OUT-MOVERS] staying here because they did not have a regular or adequate place to stay due to a lack of money or other means of financial support?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	omov
Unit of observation:	OUT-MOVER
Present in survey year(s):	2013N, 2013MSA

DBUGROUP =

Out-mover group number

1-3	Out-mover group number

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	omov
Unit of observation:	OUT-MOVER
Present in survey year(s):	2013N, 2013MSA

Doubling Up II

DBIN1REAS =

Reason first in-mover group left previous home

1	Financial reasons (e.g., could not afford it anymore)
2	Crowding, conflict, or violence in the household
3	A major change in family (marriage, new relationship, divorce, death, separation)
4	Health reasons
5	To be closer to work or job
6	School or military
7	Wanted a better home or neighborhood
8	To be with or closer to family or friends
9	To establish own household
10	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Recode of DBINREAS for households where the first mover group moved into the unit in the past 12 months.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBIN1WHER =

Where first in-mover group moved from

1	His/her/their own place
2	The home of relatives or friends
3	Student or military dormitories, barracks, or similar location
4	Foster care
5	A treatment program such as a hospital or nursing home
6	Jail or prison
7	A shelter or other homeless program facility
8	A place not meant for people to live (e.g., park, sidewalk, abandoned building, car)
9	Other (specify)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Recode of DBINWHER for households where the first mover group moved into the unit in the past 12 months.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBIN1VOL =

First in-mover group left last home voluntarily/not

1	Asked to leave
2	Left voluntarily
3	Left for some other reason
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Recode of DBINVOL for households where the first mover group moved into the unit in the past 12 months.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBIN1WHY =

Reason first in-mover group moved into home

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Recode of DBINWHY for households where the first mover group moved into the unit in the past 12 months.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBINREAS =

Most important reason person left previous home

1	Financial reasons (e.g., could not afford it anymore)
2	Crowding, conflict, or violence in the household
3	A major change in family (marriage, new relationship, divorce, death, separation)
4	Health reasons
5	To be closer to work or job
6	School or military
7	Wanted a better home or neighborhood
8	To be with or closer to family or friends
9	To establish own household
10	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What would you say was the main reason you left?

Type:	Character
Edit flag variable:	JDBINREAS
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2013N, 2013MSA

DBINVOL =

Person left previous home voluntarily or by force

1	Asked to leave
2	Left voluntarily
3	Left for some other reason
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Thinking about why you left your previous home, did you leave voluntarily, were you asked to leave, or did you leave for some other reason?

Type:	Character
Edit flag variable:	JDBINVOL
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2013N, 2013MSA

DBINWHER =

Where person stayed before living here

1	His/her/their own place
2	The home of relatives or friends
3	Student or military dormitories, barracks, or similar location
4	Foster care
5	A treatment program such as a hospital or nursing home
6	Jail or prison
7	A shelter or other homeless program facility
8	A place not meant for people to live (e.g., park, sidewalk, abandoned building, car)
9	Other (specify)
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Where did you live or stay before moving into this home?

Type:	Character
Edit flag variable:	JDBINWHER
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2013N, 2013MSA

DBINWHY =
Reason person is staying here

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Are you staying here because you do not have a regular or adequate place to stay due to lack of money or other means of financial support?

Type:	Character
Edit flag variable:	JDBINWHY
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2013N, 2013MSA

Doubling Up III

DBEVICLK =
Likelihood of leaving home because of eviction

1	Very likely
2	Somewhat likely
3	Not very likely
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How likely it is that you will have to leave this home within the next two months because of eviction?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBEVICNOTE =

Receipt of eviction notice

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you received an eviction notice from a court?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBEVICTHT =

Threat of eviction

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you been threatened with eviction in the last 3 months?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBEVICWHERE =

Where respondent would go in event of eviction

1	New home
2	Friends
3	Family
4	Different places
5	Shelter
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Where respondent would go in event of eviction

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBFORCWHR =

Where respondent would go in event of foreclosure

1	New home
2	Friends
3	Family
4	Different places
5	Shelter
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
If you and your household members did have to leave, where do you think you would go?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBINFORC =

Home is in foreclosure

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Is your current mortgage in foreclosure now?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBLVEFORC =

Likelihood of leaving home due to foreclosure

1	Very likely
2	Somewhat likely
3	Not very likely
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
How likely is it that you will have to leave your home within the next two months because of foreclosure?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBMISSMORT =

Inability to pay mortgage

1	Missed one payment in last three months
2	Missed two payments in last three months
3	Missed three payments in last three months
4	No missed payments
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Recoded from "Earlier you mentioned that you own this home. In the last 3 months, has there been a time when you received a notice of missed payment or late payment fee from the mortgage or home equity lender?
For how many of the last 3 months did you receive a notice of missed payment or late payment fee from your mortgage or home equity lender?"

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBMISSRENT =

Inability to pay rent

1	Missed one payment in last three months
2	Missed two payments in last three months
3	Missed three payments in last three months
4	No missed payments
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Recoded from "Earlier you mentioned that you rent this home. In the last 3 months, has there been a time when you were unable to pay all or part of the rent?
For how many of the last 3 months have you been unable to pay all or part of the rent?"

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBMORTFORC =

Receipt of foreclosure notice

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Have you received a notice that the current mortgage was going to be foreclosed on?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBUTBILL =

Received utility shut-off notice

1	Received notice of utility shut-off
2	Received notice of utility shut-off and utilities were turned off
3	No notice
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
Recoded from: "Now I have some questions about your utility bills. By utilities, I mean electricity, gas, fuel oil, or other fuels, water, sewage, and trash collection. In the last 3 months, have you received a notice that any of your utilities would be shut off due to lack of payment?
In the past 3 months, have you had any of your utilities shut off due to lack of payment?"

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

DBWHYEVIC =
Reason for threatened eviction

1	Failure or inability to pay rent
2	Other violation of lease
3	Landlord wants to use the unit for another tenant or purpose, including moving in himself
4	Building condemned or due to be demolished
5	Landlord foreclosed on
6	Other
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused

Long description:
What was the primary reason for threatened eviction?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2013N, 2013MSA

New Orleans Variables

The AHS surveyed the New Orleans metropolitan area in 2004. In 2005, Hurricane Katrina inflicted massive damage on the New Orleans metropolitan area, destroying many homes and devastating whole neighborhoods. Many households were forced to leave the metropolitan area. Extensive Federal aid and private assistance were provided to residents and former residents to help them survive the period immediately after the storm and to rebuild their homes over the longer term. In early 2009, HUD elected to conduct the next metropolitan AHS survey of New Orleans in 2009, ahead of schedule, so that information could be gathered on the lingering effects of the storm after 4 years and the success of efforts to rebuild the housing stock and revitalize neighborhoods within the New Orleans metropolitan area. For this purpose, the Census Bureau designed a series of questions to be administered in the 2009 survey only.

1,811 cases from the 2004 New Orleans PUF, which are all in the central city (2004 zones 1 through 5), were dropped in the 2009 New Orleans PUF in order to protect the privacy of these households. Census's disclosure rules do not allow for the inclusion of these records on the PUF, as these zones no longer meet the threshold for public release of individual records. Users of the 2009 public data will hence not be able to track these 1,811 cases or use them for analysis. The complete data set can be accessed by individuals with Specially Sworn status at any of Census's data locations.

HKDAMCSM =
Estimated construction start month

1:12	January-December
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
. or -9	Not reported

Long description:
What was or is the estimated start date?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMCSY =

Estimated construction start year

2005:2030	2005-2030
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
. or -9	Not reported

Long description:
What was or is the estimated start date?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMG =

Unit sustained Hurricane Katrina damage

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did any damage occur to this property as a result of Hurricane Katrina?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMGAS =

Received insurance or financial aid

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did the owner receive insurance or financial assistance in order to rebuild or repair the home?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMGN1 =

Hurricane Katrina-related repairs done to unit

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Have or will repairs be done to the home?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMGNM =

Estimated repair completion month

1:12	January-December
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
. or -9	Not reported

Long description:
What is or was the completion date?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMGNY =

Estimated repair completion year

2005:2030	2005-2030
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
. or -9	Not reported

Long description:
What was or is the completion date?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMGUN =

Trailer/RV/other used as housing unit

1	Manufactured/mobile home
2	Travel Trailer or RV
3	Other
4	None
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is there currently a manufactured/mobile home, travel trailer, RV, or other structure used for housing on this property?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMGY1 =

Unit razed/condemned due to Hurricane Katrina Damage

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description*:*
Was the damage so severe that the home was leveled, condemned, or had to be demolished?

Type:	Character
Edit flag variable:	
Allocation Matrix: None	
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMGY2 =

Unit was rebuilt due to Hurricane Katrina damage

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was or will the home be rebuilt/replaced?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMGY5 =

Cost of Hurricane Katrina-related construction

0:9999998	$0-$9999998
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
. or -9	Not reported

Long description:
How much did or will the construction cost?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMGYM =

Estimated construction completion month

1:12	January-December
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
. or -9	Not reported

Long description:
What was or is the estimated completion date?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMGYY =

Estimated construction completion year

2005:2030	2005-2030
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
. or -9	Not reported

Long description:
What was or is the estimated completion date?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMRSM =

Estimated repair start month

1:12	January-December
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
. or -9	Not reported

Long description:
What was or is the estimated start date for repairs?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKDAMRSY =

Estimated repair start year

2005:2030	2005-2030
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
. or -9	Not reported

Long description:
What was or is the estimated start date for repairs?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKELEV1 =

Unit has been or will be elevated

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did the owner or will the owner raise the elevation of his or her home?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKELEV2 =

Unit elevation required

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Did or will the owner elevate the unit because he or she was required to do so?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKFEDFIN =

Received Federal financial assistance

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
The respondent/owner received Federal financial assistance

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKFEDFL =

Owner has Federal flood insurance

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Does the owner now have Federal flood insurance?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKFEDFLOOD =

Received Federal flood insurance

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
The respondent/owner received Federal flood insurance

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKGAP =

Lacking funds to finish repairs/rebuilding

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Is owner unable to complete repairs, rebuilt, or replace the home because the owner cannot afford to?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKHOME =

Lived in a house or apartment due to Hurricane Katrina

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Respondent lived in a house or apartment for more than two weeks as a result of Hurricane Katrina

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKHOMEOWN =

Received Homeowner's insurance

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
The respondent/owner received Homeowner's insurance

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKHOTEL =

Lived in a hotel, motel, or cruise ship due to Hurricane Katrina

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Respondent lived in a room in a hotel, motel, or cruise ship for more than two weeks as a result of Hurricane Katrina

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKMH =

Lived in a manufactured/mobile home due to Hurricane Katrina

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Respondent lived in a manufactured/mobile home for more than two weeks as a result of Hurricane Katrina

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKMOVR =

Forced to move because of Hurricane Katrina

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
Did the owner have to move from his/her residence for more than two weeks as a result of Hurricane Katrina?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKNORES =

Living in New Orleans during Hurricane Katrina

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
Was the owner living in New Orleans metropolitan area in August 2005 at the time of Hurricane Katrina?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKNUMR =

Number of residences since Hurricane Katrina

0:10	0-10
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many different places has the owner lived for more than two weeks since Hurricane Katrina, including his/her current residence? Do not count vacations or short-term trips.

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKOTHAST =

Received other financial assistance

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
The respondent/owner received other financial assistance

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKOTHER =

Lived in some other type of residence due to Hurricane Katrina

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Respondent lived in some other type of residence for more than two weeks as a result of Hurricane Katrina

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKPEPDNK =

Lived with unknown people after Hurricane Katrina

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Did the owner's family share living quarters with relatives or friends or with people they did not know?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKPERM =

Living in permanent home

1	In transition
2	In permanent home
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
Would you say that the owner is still in transition or is he/she now permanently settled in a home?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKPRIVCHAR =

Received Private/Charitable financial assistance

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
The respondent/owner received Private or charitable financial assistance

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKRAC =

Cost of alterations/repairs performed due to Hurricane Katrina damage

0:999999	$0-$999,999
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	Yes
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA, 2011 New Orleans only

Notes:
Component variables were topcoded before creating this variable. As each component variable was topcoded individually, the number of cases topcoded for each component variable and the level at which they were topcoded varies.

HKRAN =

Number of replacements/additions made to unit as a result of Hurricane Katrina damage

0:74	0-74 replacements/additions made to unit
B or -6	Not applicable

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA, 2011 New Orleans only

HKRDHOME =

Received Road Home grant

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
The respondent/owner received a Road Home grant

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKRELFRD =

Lived with acquaintances after Hurricane Katrina

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Did the owner's family share living quarters with relatives or friends or with people they did not know?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKRPCST =

Cost of Hurricane-Katrina related repairs

0:9999998	$0-$9999998
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
. or -9	Not reported

Long description:
What was or is the estimated cost of repairs?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKSHAR1 =

Lived in shared residence since Hurricane Katrina

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
Since Hurricane Katrina, did the owner's family share living quarters with others?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKSHELTER =

Lived in public shelter due to Hurricane Katrina

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Respondent lived in a public shelter for more than two weeks as a result of Hurricane Katrina

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKSTATEFIN =

Received State financial assistance

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
The respondent/owner received State financial assistance

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKTENT =

Lived in a tent or car due to Hurricane Katrina

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Respondent lived in a tent or car for more than two weeks as a result of Hurricane Katrina

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

HKTRAILER =

Lived in a travel trailer or RV due to Hurricane Katrina

1	Yes
2	No
D or -7	Don't know
R or -8	Refused
B or -6	Not applicable
Blank or -9	Not reported

Long description:
Respondent lived in a travel trailer or RV for more than two weeks as a result of Hurricane Katrina

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

RA2Y =

Job performed in the last two years

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was this job done in the last two years?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	homimp
Unit of observation:	HOMIMP
Present in survey year(s):	2009MSA-NOLA

RAHK =

Hurricane Katrina related alteration/repair

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was this job related to Hurricane Katrina damage?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	homimp
Unit of observation:	HOMIMP
Present in survey year(s):	2009MSA-NOLA, 2011 New Orleans only

WMHK =

Moved because of Hurricane Katrina

X	Moved because of Hurricane Katrina
B or -6	Not applicable
Blank or -9	Not reported

Long description:
What are the reasons you moved from your last residence?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2009MSA-NOLA

XBATH =

Number of bathrooms in previous unit

0:10	0-10
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many bathrooms were there in the owner's previous unit?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2009MSA-NOLA

XBEDRM =
Number of bedrooms in previous unit

0:10	0-10
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many bedrooms were there in the owner's previous unit?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2009MSA-NOLA

XBUILT =
Year previous home built

0	2000-present
1	1995-1999
2	1990-1994
3	1985-1989
4	1980-1984
5	1975-1979
6	1970-1974
7	1960-1969
8	1950-1959
9	1940-1949
10	1930-1939
11	1920-1929
12	1919 or earlier
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
What year was the owner's previous home built?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2009MSA-NOLA

XHALFB =

Number of half bathrooms in previous unit

0:10	0-10
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
. or -9	Not reported

Long description:
How many half bathrooms were there in the owner's previous unit?

Type:	Numeric
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2009MSA-NOLA

XNOLA1 =

Previous residence in New Orleans

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Thinking back to where the owner lived in August 2005 before Hurricane Katrina, was the owner's previous residence in New Orleans City, that is Orleans Parish?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2009MSA-NOLA

XNOLA2 =
Previous residence in New Orleans metro

1	Yes
2	No
B or -6	Not applicable
D or -7	Don't know
R or -8	Refused
Blank or -9	Not reported

Long description:
Was the owner's previous residence outside New Orleans City but within the New Orleans metropolitan area?

Type:	Character
Edit flag variable:	
Allocation Matrix:	None
Topcoded:	No
Relational table:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	2009MSA-NOLA

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