Codebook for the American Housing Survey,

Public Use File:

1997 and later

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By:
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Introduction

As the American Housing Survey (AHS) has evolved, the existing codebooks for the AHS have become out-of-date. To respond to requests for newer documentation, the U.S. Department of Housing and Urban Development's Office of Policy Development and Research contracted with ICF Consulting to develop a revised codebook for the AHS.

"Codebook for the American Housing Survey, Public Use File: 1997 and later" contains information for the AHS for 1997 and later. This codebook supercedes the "AHS Codebook, Volume 3."

Users of the AHS should not view this codebook as their sole source of information. If using AHS data from before 1997, users should refer to the "AHS Codebook, Volume 1." In addition, HUD and Census have other valuable information about the AHS available on their websites.

Other information

More information about the AHS can be found on HUD User at: http://www.huduser.org/datasets/ahs.html or at the Census Bureau at: http://www.census.gov/hhes/www/ahs.html.

Contact about this codebook

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Version History

Version	Date	Change
0.10	10/12/01	First public release
0.11	10/15/01	Addition of Survey year, Module source
0.15	10/17/01	Addition of unit of observation, identification of variable name if using the "single file" or "flattened" format version of the AHS. The single file format is similar to the 1995 and earlier versions of the AHS.
0.20	11/1/01	Addition of type (numeric/character), missing value codings, correction of numerous codings, first draft of Appendix A with definitions.
0.30	11/19/01	Addition of topcoding information, cross-reference of allocation flag variables, identification of 1998 MSA variables. Organization by topic area, including alphabetical list of variables and short descriptions, and topic list of variables and short descriptions. Comments for certain variables.
0.40	1/18/02	Addition of allocation matrix information, first round of universe restrictions, many little edits correcting typos, changing of abbreviations, etc.
0.50	2/4/02	Addition of "English" version of universe restrictions. Moving of coding of universe restrictions to an appendix. Many other little edits. Starting of inclusion of draft text for sections.
0.60	2/25/02	Editing of long descriptions, revised text, other edits.
0.70	5/13/02	Information on changes and variables in the 2001 data, minor edits.
1.0	6/20/02	Adding some new 2001 variables, minor edits. The release of this version coincides with the release of 2001 AHS data.

Some Brief Notes for Users

Unit of Observation

There are five basic categories for "Unit of Observation" which are described briefly in the following table.

Unit of Observation	Description
Household	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.
MOVERS/Person	This variable refers to an item dealing with movement of the household in whole or in part, and also potentially household formation.
Home Improvement	This variable refers to upgrades/modifications made to the structure, usually part of the list of potential changes.

Single File Version

Some users of the AHS use the data in the format of the different modules, while others use a "single file" or "flat file" version similar to the format used in 1995 and earlier. These users have generally created the single file version by using a SAS program developed by ICF which is distributed with the data. Variables which are converted (have their names changed) in the creation of the single file version are noted in the codebook text.

For a more complete description of the single file format, please see the Documentation of Changes in the 1997 AHS document available on HUD User.

Conditions not in universe

Many users, and HUD, have requested that information on the universes applying to certain variables be included in the codebook. This is unfortunately a very difficult task 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 Census's "blanking edits," conditions where Census made certain that variables were not in the universe. This is intended to be a "plain English" version. The goal of 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. The exact coding is present in an appendix.

Users are cautioned that the "true" out-of-universe conditions may be larger than the "conditions not in universe" derived from the blanking edits.

Allocation Matrices

In certain circumstances, the Census Bureau will "allocate" missing values based on other information. To do this, they use standard matrices of information.

Version 0.40 is the first version to identify which of the standard matrices is used. An appendix describing each matrix and the allocation process is included.

Acknowledgements

In developing this codebook, ICF Consulting has greatly benefited from the knowledge, information, and comments from people at both HUD and Census. In particular, ICF would like to thank:

- Ronald J. Sepanik, HUD
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The primary ICF staff on this project were: Gregory J. Watson, Kevin Blake, Artem Gonopolskiy, and Caroline McCarthy.

About the American Housing Survey

The American Housing Survey (AHS) can be used to answer many questions about housing units and households in the United States. The AHS provides data on apartments, single-family homes, mobile homes, vacant homes, family composition, income, housing and neighborhood quality, housing costs, equipment, fuels, size of housing unit, and recent movers. National data are collected every other year from a fixed sample of about 50,000 homes, plus new construction. The survey started in 1973 and has had the same core sample since 1985, which provides a panel data series on homes and household changes over the years. The U.S. Census Bureau (Census) conducts the surveys in person and by telephone for the U.S. Department of Housing and Urban Development.

This codebook is the first major update and focuses on the AHS as it has been conducted since 1997. For information on the AHS before 1997, please refer to the previous documentation.

How to use the American Housing Survey Codebook

This codebook shows what information is available in the AHS. The table of contents provides the overall organization of the Codebook through the subject headings. The variable lists are arranged alphabetically and by topic. An index is in the back of the book.

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.	1:52 53 B	1-52 times per year 53 times or more 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 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 website, 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.	*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. Appendix B provides descriptions of the process and the matrices used. 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.	*Topcoded:*	No
Module in which variable is located. Module refers to the computer file where the raw data resides. In 2001, the information in household, toppf, and weight files were combined into one new file called newhouse. The *Module 1999 and earlier* line is omitted if the variable is new in 2001. The *Module 2001 and later* line is omitted if the variable is no longer included in the data.	*Module 1999 and earlier:* *Module 2001 and later:*	houshld newhouse
Unit of observation is what level the data is collected on. This is typically the household or individual level.	*Unit of observation:*	HOUSEHOLD
List of survey years and type when variable is present in the past three surveys.	*Present in survey year(s):* 1998MSA, 1999N, 2001N	1997N,
Notes are included to clarify a definition, 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. The exact code restricting universes can be found in Appendix B.	*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]

Some questions are asked in all surveys, some are not. This codebook shows when each question was asked in the past three surveys. Even within a survey, be careful of homes where a question was not applicable, such as vacant, demolished, and newly built homes. The Codebook shows codes for each of these situations. For example, code R in SATPOL (whether respondents are satisfied with police patrol in their neighborhoods) indicates the respondent refused to answer, while code B indicates not applicable, such as because the respondent was not asked the question.

Changes to the 2001 AHS data file

Several changes were made in the 2001 AHS data file that are reflected in the codebook.

The 2001 AHS data includes new variables containing information from the regarding mortgages, lines of credit, citizenship, nationality, and country of birth.

Data at the household level of observation from three files, household, toppf, and weight, has been merged to one new file, newhouse. In addition, information for the head of the household from the person level has also been included. The result of this consolidation is that users can use household level data more extensively without having to merge files. The Codebook lists both modules. The "file flattening program" has been updated to work with this change.

Additional AHS resources

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

The AHS website on HUDUSER (http://www.huduser.org/) contains the computer code for the 1997 survey instrument, user supplied programs, metropolitan data, and other data resources.

Evolution of AHS in 1997 and later

Note: This information summarizes text included in the Documentation of Changes in the 1997 American Housing Survey available on the HUD USER (http://www.huduser.org/) Web site.

Data Collection:

In 1997, the Census Bureau changed from the existing survey process to a paperless system. This new system – Computer Assisted Personal Interviewing (CAPI) – was implemented to accomplish a number goals. First, the system is intended to make the interviewing process faster and more accurate. The pattern of questions posed to respondents is no longer left up to the interviewer with CAPI, instead the computer makes those determinations. CAPI automatically follows the question skip pattern, thus speeding up the interview and ensuring that respondents are asked the proper questions. Second, the conversion was intended to reduce costs and speed up the release of data to the public. No longer is it necessary to enter data from the paper survey into a database. now the information is entered directly into the system. This process also reduces the introduction of errors that generally occur during the data entry process. Finally, CAPI was also implemented in an effort to reduce the burden on respondents with some questions asked only once and then verified in later years. This process is only used for variables thought to be fairly constant over time. This technique, also known as "dependent interviewing," can lead to significantly faster interviews and additional data reliability in the future. This technique was partially introduced in 1997 and fully implemented in 1999.

New Data Processing Structure

Along with new data entry procedures, the AHS data are now manipulated and processed using a completely new set of software. In years prior to 1997, Census manipulated the data using custom FORTRAN programs developed internally, running on a UNISYS mainframe. In 1997, Census moved the entire processing of the AHS into SAS running on SUN Microsystems workstations. This change to SAS necessitated redesigning the processing system and writing new programs to produce the tables in the printed report. As part of the conversion, Census designed their programs to take advantage of some of the special features and functions available in SAS, which in turn led to changes in variable codes.

New Data Structure

Following the changes in data entry and processing, the Census Bureau took advantage of the flexibility of the SAS software to generate the output data files in a new format. Prior to 1997, the public use file (PUF) of the AHS was a single text (ASCII) file with a "flat" data structure. In such a file, each housing unit's information is contained on a single logical record. The file has a set number of characters for each observation with each variable having a fixed location in the file. This file format that had been established many years ago, however, and was not Year 2000 (Y2K) compliant – all variables containing years were allocated only two digits rather than the four digits required. In the process of changing the data structure to make the data file Y2K compliant, Census took advantage of the opportunity to enhance the data format in other ways as well.

The "raw state" of the AHS data in 1997 and 1999 was a collection of 10 files, each containing data in a different format or layout. In the 2001 survey, the Census Bureau combined contents of the weight, toppuf, and household files into a new file, called newhouse. Now, all of the household level observations are in the same file. Each record type corresponds to one or more module(s) in the data collection instrument or processing. This new file format removes the issue of fixed variable lengths and allows for a wider range of values. In addition, the new file format corresponds to the actual data collection process. The 2001 files are:

Modules 2001	Modules 1997, 1998 Metro, and 1999
• HOMIMP – questions about upgrades and remodeling	• HOMIMP – questions about upgrades and remodeling
• JTW – journey to work or commuting information	• JTW – journey to work or commuting information
• MORTG – mortgage information	• MORTG – mortgage information
• NEWHOUSE – Household-level information, data recodes, unit characteristics, and weighting information, 2001 data only	• HOUSEHLD – household level information (on internal Census data, this file is called "houshld") • TOPPUF – general unit characteristics and data recodes • WEIGHT – weighting information
• OWNER – questions just for owners of rental properties	• OWNER – questions just for owners of rental properties
• PERSON – individual person level information	• PERSON – individual person level information
• RATIOV – verification of income to cost when the ratio of income to cost is outside of certain tolerances.	• RATIOV – verification of income to cost when the ratio of income to cost is outside of certain tolerances. (Note: This file is present beginning with the 1998 AHS metro sample. This file is not present in 1997.)
• RMOV – recent mover information	• RMOV – recent mover information

At first, the files were available only in a SAS format. Later, HUD created ASCII (text) versions of the files and made them available to users. The ASCII files are not a Census Bureau product. The ASCII versions have the same multi-file layout as the SAS versions, but differ in the coding of missing values.

The general structure of the collection of files in 1997 and later are different from the 1995 file structure and earlier versions. The files in 1997 and later are more analogous to a relational database so that it is **not** possible to simply merge the files together to create the flat file. Each file is based on the unit of observation for that file. A file, for example, on the housing unit structure has one observation for each housing unit while the file on people living in the housing unit has one observation for each person in the household (and so if there are multiple persons in the household, there will be multiple observations). As a result, the files have different numbers of observations depending on base unit of observation.

Users can use the raw information in its current state, develop their own programs to read the data in and convert it, or convert the data into a format that is similar to the older format. ICF Consulting has also developed a conversion program that combines the different data files into a flat-file format that is similar to that of the 1995 dataset. The final format is a SAS dataset with a similar structure to the original flat file with each observation equal to one housing unit. That program can be found on the HUD User Web site under the links for AHS data. The program is also included in the distribution of the data in SAS format from the HUD User Web site. Currently, the conversion program is written in SAS and works only in SAS. AHS users not using SAS will need to convert the programs to the system they are using or use a program developed by another AHS user. The AHS electronic mailing list exists, in part, to facilitate such exchanges. The Census Bureau and HUD do not officially support the flat file format. Further discussion on this topic can be found in "Discussion of the File Flattening Program" on page 16.

The HUD USER Web site also has a page to distribute user-contributed programs developed using the AHS. These user-contributed programs can be found at http://www.huduser.org/datasets/ahs/ahsprev.html. No warrantees about the suitability of these programs are provided by HUD. If you wish to contribute to this library of programs, please send them to: Dav Vandenbroucke at David_A._Vandenbroucke@hud.gov.

Data Structure and the File-Flattening Program

Data Structure

The "raw state" of the AHS data is a collection of files, each containing data in a different format or layout. Each record type corresponds to one or more module(s) in the data collection instrument or processing. This file format corresponds roughly to the actual data collection process. The files in 2001 are:

HOMIMP	Questions about upgrades and remodeling
JTW	Journey to work or commuting information
MORTG	Mortgage information
NEWHOUSE	Household-level information, data recodes, unit characteristics, and weighting information
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 file is present beginning with the 1998 AHS metro sample. This file is not present in 1997.)
RMOV	Recent mover information

The file NEWHOUSE was added in 2001, combining previous modules HOUSEHLD, TOPPUF, and WEIGHT. This change allows users to perform a greater number of household-level analyses without having to merge the component data files together. Prior to 2001, the information in NEWHOUSE is kept in three separate files. The modules are:

HOUSEHLD	Household-level information (on internal Census Bureau data, this file is called "houshld")
TOPPUF	General unit characteristics and data recodes
WEIGHT	Weighting information

At first, files were available only in a SAS format. Later, HUD created ASCII (text) versions of the files and made them available to users. The ASCII files are not a Census Bureau product. The ASCII versions have the same multi-file layout as the SAS versions, but differ in the coding of missing values. For a description of missing value codes in both file formats, please see the "Missing Values" section of the codebook.

The general structure of the collection of files in 1997 is different from the 1995 file structure and earlier versions. The 1997 files are more analogous to a relational database, so it is **not** possible to simply merge the files together to create the flat file. Each file is based on the unit of observation for that file. For example, the file about the housing unit structure has one observation for each housing unit. The file about the people who live in the housing unit has one

observation for each person in the household; if there are multiple persons in the household, there will be multiple observations. As a result, the files have different numbers of observations depending on base unit of observation.

Discussion of the File-Flattening Program

Users can use the raw information in its current state, develop their own programs to read the data in and convert it, or convert the data into a format that is similar to the older format. ICF Consulting has also developed a conversion program that combines the different data files into a flat-file format that is similar to that of the 1995 dataset. The final format is a SAS dataset with a similar structure to the original flat file with each observation equal to one housing unit. That program can be found on the HUD User Web site (www.huduser.org) under the links for AHS data. The program is also included in the distribution of the data in SAS format from the HUD User Web site. Currently, the conversion program is written in SAS and works only in SAS. AHS users who are not using SAS will need to convert the programs to the system they are using or use a program developed by another AHS user. The AHS electronic mailing list exists, in part, to facilitate such exchanges. The Census Bureau and HUD do not officially support the flat file format.

As mentioned above, the 1997 and later AHS data format is analogous to a relational database. There is a collection of files that can be joined by merging different sets of variables. The merging may not be one-to-one merging but rather one-to-many. For example, for a household living in a housing unit, the (one) housing unit can be matched to the multiple (many) persons comprising the household.

The greatest challenge to working with a file format such as this is ensuring that the information is merged or joined correctly. This section describes the different files and what characteristics are necessary for merging properly.

The most important variable for merging is the CONTROL variable. This variable is the control code for the housing unit. CONTROL is a 12-digit variable unique to each housing unit. This variable is present in all of the files.

Each file has its own level of observation. The following table shows the file, level of observation, and the variables needed to merge on, and to what file 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.

The column that lists into which file the data may be merged should be used as guidance only. There are other valid possibilities. For example, TOPPUF and HOUSEHLD can be thought of interchangeably for merging purposes.

File Matching Key

File	Unit of observation	Merging variables	To what:
HOMIMP	Home improvements, upgrades, and alternations	CONTROL (multiple)	TOPPUF
HOUSEHLD	Household	CONTROL	TOPPUF
JTW	Individual commuting patterns	CONTROL (multiple) PLINE	PERSON
MORTG	Mortgages	CONTROL (multiple)	TOPPUF
NEWHOUSE	Household	CONTROL	all other files
OWNER	Owners of rental properties	CONTROL	TOPPUF
PERSON	Persons comprising household	1. CONTROL (multiple) 2. CONTROL (multiple) MOVGRP (multiple) 3. CONTROL (multiple) PLINE	1. TOPPUF, HOUSEHLD 2. RMOV 3. JTW
RATIOV	Special cases, household level	CONTROL	TOPPUF
RMOV	Groups of persons inside of a household who are recent movers	CONTROL (multiple) MOVGRP (multiple)	PERSON
TOPPUF	Housing unit	CONTROL	all other files
WEIGHT	Household	CONTROL	TOPPUF

Notes on Combining Data:

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.

Merging Variables: In order to keep all of the responses for a particular housing unit together, users must merge or join files using the variables described in the table above. Failure to use the correct merging variables will lead to incorrect merging and combining of data from different households or housing units together.

Weights: Weights are assigned only at the household level; there are no person-level weights present in the AHS.

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.

Number of Observations per Housing Unit for a Module: Only the NEWHOUSE in 2001, and HOUSEHLD, TOPPUF, and WEIGHT before 2001, module have exactly one observation for every housing unit in the AHS. Other modules may have none, one, or more than one observation for each housing unit. Certain modules have fewer total observations, such as the HOMIMP module because of the relatively few cases doing home improvements. Some have more, such as the PERSON module because often more than one person lives in a household.

Merging or Joining: When combining data from the different modules, users must be careful to retain the data in a valid format. An overriding goal during the creation of the file-flattening program was to allow all the data to be analyzed at a housing unit level while still allowing the flexibility to examine the data at a greater level of detail, such as the person level.

Validating Combining of Files: Users are strongly encouraged to check their merging or joining of data by comparing their results against summary statistics generated with the public use file (PUF), which is available from the HUD USER Web site. Those summary statistics will match exactly. Users may also wish to compare against results published in the printed AHS report, but there is a chance that those will not match exactly due to the Census Bureau's use of internal data.

Merging and Missing Values: When combining data, users should be certain that they understand how the statistical package they are using treats situations where a one-to-one correspondence in observations for the two data sets does not exist. The basic issue is how the program carries values from one observation to the next. Different statistical packages handle this in different ways depending on the options used. Some statistical packages will carry the value through while others will create a missing value based on the merge. For example, if the NEWHOUSE module has one observation and the PERSON module has more than one matching observation, does the merging technique apply the values from the NEWHOUSE set to every matching observation in the PERSON set, or just to the first matching person?

The HUD USER Web site also has a page to distribute user-contributed programs developed for the AHS data. These user-contributed programs can be found at http://www.huduser.org/datasets/ahs/ahsprev.html. HUD provides no warrantees about the suitability of these programs. If you wish to contribute to this library of programs, please send them to: Dav Vandenbroucke at: David_A._Vandenbroucke@hud.gov.

Variables Listed Alphabetically

ACCESS	Direct access to unit	Unit
ACCESSB	Entry system required to access building	Unit
ACCESSC	Entry system required to access community	Neighborhood
ADDTN2	Percentage of 2nd mortgage used for additions/improvements	Housing Cost
ADDTNS	Percentage of 1st mortgage used for additions/improvements	Housing Cost
AFUEL	Type of fuel used for air conditioning	Utilities
AFUR	Forced air furnace as supplemental heating equipment	Utilities
AGE	Age of person	Household Composition
AGERES	Age restricted development	Unit
AIR	Room air conditioner	Unit
AIRSYS	Central air conditioner	Unit
ALMV	All movers lived in same previous residence	Recent Movers
AMMORT	Amount of 1st mortgage when acquired	Housing Cost
AMMRT2	Amount of 2nd mortgage when acquired	Housing Cost
AMMRT3	Amount borrowed by 3rd mortgage	Housing Cost
AMMRT4	Amount borrowed by 4th & other mortgages	Housing Cost
AMPM	Time usually leave for work - am or pm	Commuting
AMRTZ	Years needed to pay off 1st mortgage	Housing Cost
AMRTZ2	Years needed to pay off 2nd mortgage	Housing Cost
AMTE	Average monthly cost of electricity	Utilities
AMTF	Annual cost of other fuels	Utilities
AMTG	Average monthly cost of gas	Utilities
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
AMTO	Annual cost of fuel oil	Utilities
AMTT	Annual cost of garbage & trash	Housing Cost
AMTW	Annual cost of water & sewage	Housing Cost
AMTX	Annual real estate tax payment	Housing Cost
ANCHOR	Method used to anchor mobile home	Mobile Homes
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
APPLY	How got to live in public housing	Household Composition
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

APTFL	Number of floors in the apartment itself	Unit
APTSP	Apartment split into several apartments	Upgrade and Remodeling
ARM	1st mortgage changes due to interest rate	Housing Cost
ARM2	2nd 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
ATBSUN	Number of unfinished attics/basements in unit	Unit
BADPER	People in neighborhood are bothersome	Neighborhood
BADPRP	Undesirable neighborhoodproperty bothersome	Neighborhood
BADSRV	Poor city/county services are bothersome	Neighborhood
BADSTEP	Loose/broken/missng steps in common stairs	Unit Quality
BANK	1st mortgage borrowed from bank	Housing Cost
BANK2	2nd mortgage borrowed from bank	Housing Cost
BATHS	Number of full bathrooms in unit	Unit
BBLDG	Type B noninterview building	Sample status, weights, interview status
BDCARP	Wall-to-wall carpeting in bedroom	Unit
BDSTPQ	Loose/broken/missing steps in common stairs	Unit Quality
BEAF78	Unit built before/after 1978	Lead Based Paint
BEDRMS	Number of bedrooms in unit	Unit
BEDX	Number of bedrooms with wall-to-wall carpeting	Unit
BIGP	Area of peeling paint larger than 8 x 11	Lead Based Paint
BIGPEL	Peeling paint outside larger than door	Lead Based Paint
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
BLDMNT	Satisfaction with building maintenance	Unit Quality
BLEAK	Water leak in basement	Unit Quality
BLOON	1st mortgage's last payment biggest	Housing Cost
BLOON2	2nd mortgage's last payment biggest	Housing Cost
BOARDU	Type B unit boarded up	Sample status, weights, interview status
BSINK	Unit has a bathroom sink	Unit Quality
BUILT	Year unit was built	Unit
BURNER	Unit has workng built-in cooking burners	Unit
BUSIN	Number of offices/business rooms in unit	Unit
BUSPER	# rooms used for business/personal use	Unit
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
BUYI	Household has homeowners insurance	Housing Cost
BUYO	Pay for fuel oil separately	Utilities
BUYO2	Pay for fuel oil separately	Utilities
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
CABNX	Number of cabinets replaced/repaired	Upgrade and Remodeling
CABREP	Replaced/repaired any cabinets in unit	Upgrade and Remodeling
CAMF	Frequency of assoc/mobile home park fee	Mobile Homes
CAMFQ	Frequency of assoc/mobile home park fee	Mobile Homes
CANVAR	Term of 1st mortgage can vary	Housing Cost

CANVR2	Term of 2nd mortgage can vary	Housing Cost
CARS	Number of cars kept for use by household members	Commuting
CASH	Amount of cash received from 1st mortgage	Housing Cost
CASH2	Amount of cash received from 2st mortgage	Housing Cost
CELLAR	Unit has a basement	Unit
CFUEL	Fuel used most for cooking	Utilities
CITSHP	U.S. Citizenship	Household Composition
CLIMB	Number of floors from main entrance to apartment	Unit
CMSA	1980 design CMSA code	Geography
COKST	Cook stove used as supplemental heating equipment	Utilities
COMMRECR	Community recreational facilities available	Neighborhood
COMMSERV	Community services provided	Neighborhood
CONDO	Unit is condominium or cooperative	Unit
CONFEE	Monthly condo/homeowner's association/mobile home fee	Housing Cost
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
COOK	Unit has working cookstove or range/oven	Unit
COUNTY	County code	Geography
CPRICE	Cost of construction plus value of land	Housing Cost
CRACKS	Open cracks wider than dime	Unit Quality
CRIMEA	Neighborhood has neighborhood crime	Neighborhood
CRIMEB	Neighborhood crime bothersome	Neighborhood
CRIMEC	Crime so bad you want to move	Neighborhood
CROPSL	Receive farm income	Income
CSTMNT	Annual cost for routine maintenance	Housing Cost
CUSHOM	How owner obtained unit	Household Composition
DAFUR	Forced air furnace - DK if supplemental/parallel	Utilities
DATE	Interview date	Sample status, weights, interview status
DCOKST	Cookstove - DK if supplemental/parallel heat equipment	Utilities
DEGREE	Average heating/cooling degree days	Utilities
DELECT	Builtin electric unit-DK if supplemental/parallel	Utilities
DENS	Number of dens/libraries/tv rooms in unit	Unit

DFIRE	Type C-30/31 severely damaged by fire	Unit Quality
DFLOT	Vented room heater - DK if supplemental/paralle	Utilities
DFRPL	Fireplace w/out inserts-DK supplemental/parallel	Utilities
DFRPLI	Fireplace w/ inserts-DK if supplemental/paralle	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
DINING	Number of dining rooms in unit	Unit
DIRAC	Number of offices having direct access	Unit
DISAS	Type C severly damagd by natural disaster	Unit Quality
DISH	Unit has working dishwasher	Unit
DISPL	Unit has working garbage disposal	Unit
DISTJ	Number of miles traveled to work	Commuting
DLINE1	Line Number of person	Household Composition
DOORX	Number of doors replaced/repaired	Upgrade and Remodeling
DORREP	Any doors repaired/replaced in unit	Unit Quality
DPLF	Pipeless furnace - DK if supplemental/parallel	Utilities
DRSHOP	Medical office/comm. store on property	Unit
DRY	Unit has working clothes dryer	Unit
DSTEAM	Steam/hot water systm-DK if supplemental/parallel	Unit
DSTOVE	Woodburning stove - DK if supplemental/parallel	Unit
DWNPAY	Main source of downpayment on unit	Housing Cost
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
EBAR	Windows covered with metal bars	Unit
EBARCL	Buildings w/ bars on windows within 1/2 blk	Neighborhood
EBOARD	Windows boarded up	Unit Quality
EBROKE	Windows broken	Unit Quality
ECOM1	Business/instituitions within 1/2 block	Neighborhood
ECOM2	Factories/other industry within 1/2 block	Neighborhood
ECRUMB	Holes/cracks or crumbling in foundation	Unit Quality
EGOOD	No listed conditions seen in/on unit	Unit Quality
EGREEN	Open spaces within 1/2 block of unit	Neighborhood
EHIGH	Apartment buildings 7+ stories tall within 1/2 blk	Neighborhood
EHOLER	Roof has holes	Unit Quality
EJUNK	Trash/junk in streets/prprtys in 1/2 blk	Neighborhood
ELECT	Electrical units used as supplemental heat equipment	Utilities
ELEV	Working passenger elevator	Unit
ELEVWK	At least one elevator in working order	Unit Quality

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
EMISSR	Roof missing shingles/oth roofng materls	Unit Quality
EMISSW	Outside walls missing siding/bricks/etc	Unit Quality
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
ESAGR	Roof's surface sags or is uneven	Unit Quality
ESFD	Single family homes within 1/2 block	Neighborhood
ESLOPW	Outside walls slope/lean/slant/buckle	Unit Quality
ETRANS	Railroad/airport/4-lane hwy within 1/2 block	Neighborhood
EVROD	Evidence of rodents in unit	Unit Quality
EVRTES	Unit ever tested for lead paint	Lead Based Paint
EWATER	Bodies of water within 1/2 block of unit	Neighborhood
EXCLUS	Number offices used exclusively for business	Unit
EXPOSE	Type B interior exposed to elements	Unit Quality
EXTLN2	2nd mortgage refinanced to renew/extend	Housing Cost
EXTLON	1st mortgage refinanced to renew/extend	Housing Cost
FAFUR	Fuel used by forced warm-air furnace	Utilities
FAMNUM	Family number	Household Composition
FAMREL	Family relationship	Household Composition
FAMRM	Number of family rooms/great rooms in unit	Unit
FAMTYP	Family type	Household Composition
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
FIXED	1st mortgage changes for taxes/insurance	Housing Cost
FIXED2	2nd mortgage changes for taxes/insurance	Housing Cost
FLIN	Heating equipment not vented to outside	Utilities
FLOODPLN	Unit in a flood plain	Unit
FLOORS	Number of stories in building	Unit

FLOT	Heating equipment vented to outside	Unit
FLRENT	Frequency of land/site rent payment	Housing Cost
FMHOTF	Avg regular cost of other required mobile home fees	Housing Cost
FOOD	Meals included in rent paid to household	Income
FPINS	Fireplace has inserts	Unit
FPLF	Fuel used by built-in pipeless furnace	Utilities
FPLWK	Unit has useable fireplace	Unit
FPORTH	Fuel used by portable electric heaters	Utilities
FREEZE	Unit cold for 24+ hrs was uncomfortable	Unit Quality
FRENT	Frequency of rent payment	Housing Cost
FRPL	Fireplace does not have inserts	Unit
FRPLI	Fireplace has inserts	Unit
FRSIT	First site mobile home ever placed on	Mobile Homes
FRSTHO	Ever owned home before	Household Composition
FRSTOC	Current occupants are first occupants	Unit
FSTEAM	Fuel used by steam/hot water system	Utilities
FSTOVE	Fuel used by woodburning/franklin stove	Utilities
GARAGE	Garage or carport included with unit	Unit
GASPI2	Source of gas heat for vacant units	Utilities
GASPIP	Gas from underground pipes or bottles	Utilities
GATED	Walls/fences surrounding community	Neighborhood
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
GRAD	Educational level of person	Household Composition
GRDMNT	Satisfaction with grounds maintenance	Unit Quality
GTCAS2	2nd mortgage refinanced to receive cash	Housing Cost
GTCASH	1st mortgage refinanced to receive cash	Housing Cost
HALB	Additional half bathrooms in unit	Unit
HALFB	Number of half bathrooms in unit	Unit
HEARHS	How first heard about this unit	Housing Cost
HEBAL1	Outstandng loan against 1st home equity loan	Housing Cost
HEBAL2	Outstandng loan against 2nd home equity loan	Housing Cost
HEBAL3	Outstandng 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
HEINW1	Interest rate on 1st home equity loan - whole #	Housing Cost
HEINW2	Interest rate on 2nd home equity loan - whole #	Housing Cost
HEINW3	Interest rate on 3rd home equity loan - whole #	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
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
HEQUIP	Main heating equipment	Utilities
HERE	Nonrelative is present	Household Composition
HETYP1	1st home equity loan type	Housing Cost
HETYP2	2nd home equity loan type	Housing Cost
HETYP3	3rd home equity loan type	Housing Cost
HFUEL	Fuel used most for heating unit	Utilities
HHAGE	Age of householder	Household Composition
HHCITSHP	US Citizenship of householder	Household Composition
HHFOOD	Lodger contributes to household for food	Income
HHGRAD	Education level of householder	Household Composition
HHINUSYR	Year householder came to US	Household Composition
HHMAR	Marial status of householder	Household Composition
HHMORT	Lodger contributes to household for mort/rent	Income
HHMOVE	Year householder moved in	Recent Movers
HHMOVM	Month householder moved in	Recent Movers
HHMVG	Recent mover group of householder	Recent Movers
HHNATVTY	Country of birth of householder	Household Composition
HHOTH	Lodgr contributes to household for other costs	Income
HHPLINE	Line number of householder	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 od householder	Household Composition
HHSPOS	Line number of spouse of householder	Household Composition
HHTEN	Householder is owner/renter of unit	Household Composition
HHUTFU	Lodger contributes to household for utilities	Income
HHWLINEQ	Householder worked at all last week	Household Composition
HISTRY	Status of unit	Sample status, weights, interview status
HJOB	Reports to work at same place each day	Commuting
HOLES	Holes in floor	Unit Quality
HOTH	Other equipment used as supplemental heating equipment	Utilities
HOTPIP	Unit has hot & cold running water	Unit
HOWH	Rating of unit as a place to live	Unit Quality
HOWN	Rating of neighborhood as place to live	Neighborhood
HPMP	Heat pump used as supplemental heating equipment	Utilities
HUHIS	What happened to the old unit	Recent Movers
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
IFFEE	Condo/co-op/assoc/mobile home park fee required	Housing Cost
IFOTHF	Other mobile home fees required	Mobile Homes
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
IMPROV	Funds from 1st home equity loan used for additions/improvemnts	Housing Cost
IMPRV2	Funds from 2nd home equity loan used for additions/improvemnts	Housing Cost
INCP	Offstreet parking included	Unit
INCPER	1st mortgage refinanced to increase payment	Housing Cost
INCPR2	2nd mortgage refinanced to increase payment	Housing Cost
INCS	Pay separate rent for land	Housing Cost
INPMT2	2nd mortgage payment includes insurance	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
INTW	Interest rate of 1st mortgage - whole #	Housing Cost
INTW2	Interest rate of 2nd mortgage - whole #	Housing Cost
INUSYR	Year came to U.S.	Household Composition
INV20K	Total savings/investments over $25,000	Income
ISTATUS	Interview status	Sample status, weights, interview status
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
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
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
JATERS	Edit flag for WATERS	Allocation Variables
JATVTY	Edit flag for NATVTY	Allocation Variables
JAUNDY	Edit flag for LAUNDY	Allocation Variables
JBANK	Edit flag for BANK	Allocation Variables
JBANK2	Edit flag for BANK2	Allocation Variables
JBATHS	Edit flag for BATHS	Allocation Variables
JBEDX	Edit flag for BEDX	Allocation Variables
JBIGP	Edit flag for BIGP	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
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
JDAFUR	Edit flag for DAFUR	Allocation Variables
JDATE	Edit flag for DATE	Allocation Variables
JDCOOK	Edit flag for DCOKST	Allocation Variables
JDELEC	Edit flag for DELEC	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 DFORTH	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
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
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
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
JHHRACE	Edit flag for HHRACE	Allocation Variables
JHHREL	Edit flag for HHREL	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
JINTW	Edit flag for INTW	Allocation Variables
JINTW2	Edit flag for INTW2	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
JLRENT	Edit flag for LRENT	Allocation Variables
JLT25K	Edit flag for LT25K	Allocation Variables
JM3ROD	Edit flag for M3ROD	Allocation Variables
JMAMT2	Edit Flag for PMAMT2	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
JMFAML	Edit flag for WMFAML	Allocation Variables
JMFARM	Edit flag for MFARM	Allocation Variables
JMFEMP	Edit flag for WMFEMP	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
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
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
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 MORTINS	Allocation Variables
JORTN2	Edit flag for MORTN2	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 MOVGRP	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
JPRENT	Edit flag for PRENT	Allocation Variables
JPROJ	Edit flag for PROJ	Allocation Variables
JPVALU	Edit flag for PVALUE	Allocation Variables
JQALIM	Edit flag for QALIM	Allocation Variables
JQBUS	Edit flag for QBUS	Allocation Variables
JQDIV	Edit flag for QDIV	Allocation Variables
JQINT	Edit flag for QINT	Allocation Variables
JQOTHR	Edit flag for QOTHER	Allocation Variables
JQRENT	Edit flag for QRENT	Allocation Variables
JQSS	Edit flag for QSS	Allocation Variables

JQWELF	Edit flag for QWELF	Allocation Variables
JRACE	Edit flag for RACE	Allocation Variables
JRACKS	Edit flag for CRACKS	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
JROPSL	Edit flag for CROPSL	Allocation Variables
JRSHOP	Edit flag for DRSHOP	Allocation Variables
JRSTOC	Edit flag for FRSTOC	Allocation Variables
JRTYP1	Edit flag for MRTYP1	Allocation Variables
JRTYP2	Edit flag for MRTYP2	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
JTERM	Edit flag for TERM	Allocation Variables
JTERM2	Edit flag for TERM2	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
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
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
JURNER	Edit flag for BURNER	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
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
JVOTHR	Edit flag for VOTHER	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
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
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
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
JXTEN	Edit flag for XTEN	Allocation Variables
JXUNIT	Edit flag for XUNIT	Allocation Variables
JYRMOR	Edit flag for YRMOR	Allocation Variables
KEXCLU	Kitchen facilities for household use only	Unit
KITCH	Number of kitchens in unit	Unit
KITCHEN	Complete kitchen facilities in unit	Unit
LANDC	Land contract for mortgage	Housing Cost
LANPMT	Land rent included with mortgage payment	Housing Cost
LAT70S	Year unit built in late 1970s	Unit
LAUNDY	Number of laundry/utility rooms in unit	Unit
LDMAYB	Seller/agent said lead paint possible	Lead Based Paint
LDTEST	Unit tested for lead paint	Lead Based Paint
LEAK	Any outside water leaks in last 12 mnths	Unit Quality
LISCH	Any changes to apartment in last 2 years	Recent Movers
LITTER	Litter in neighborhood bothersome	Neighborhood
LIVEAT	Everyone in household lives or eats together	Household Composition
LIVING	Number of living rooms in unit	Unit
LODRNT	Amount lodger pays to household	Income
LODSTA	Lodger pays fixed amount to household	Income
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
LOT	Square footage of lot	Unit
LOWIN2	2nd mortgage refinanced to get lower interest	Housing Cost
LOWINT	1st mortgage refinanced to get lower interest	Housing Cost
LPRICE	Purchase price of unit and land	Housing Cost
LRENT	Land/site rent	Housing Cost
LT25K	Income in last 12 months over $25,000	Income
LTSOK	Hallway lights working	Unit Quality
LTSOK1	Hallway lights working	Unit Quality
LTSOK2	All hallway lights working	Unit Quality

LVALUE	Current value of land	Housing Cost
LVCARP	Wall-to-wall carpeting in living room	Unit
M3ROD	Rodents seen in unit recently	Unit Quality
MAJR1	Starts major maint/repairs soon enough	Unit Quality
MAJR2	Solves major problems quickly	Unit Quality
MAJR3	Polite/considerate of home (maj repairs)	Unit Quality
MAR	Marital status of person	Household Composition
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
MATBUY	Got 1st mortgage in same year bought unit	Housing Cost
MATBY2	Got 2nd mortgage in same year bought unit	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
METRO	Central city / suburban status	Geography
METRO3	Central city / suburban status	Geography
MFARM	1st mortgage covers farm land	Housing Cost
MFARM2	2nd mortgage covers farm land	Housing Cost
MG	Any mortgages on this property	Housing Cost
MH32	Mobile home on property used for living quarters	Housing Cost
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
MHOTFE	Amount of other required mobile home fees	Housing Cost
MHSETQ	Type of mobile home foundation	Mobile Homes
MHSTAY	Mobile home to stay or be moved	Mobile Homes
MICE	Mice seen in unit recently	Unit Quality
MINR1	Starts minor maint/repairs soon enough	Unit Quality
MINR2	Solves minor problems quickly	Unit Quality
MINR3	Polite/considerate of home (min repairs)	Unit Quality
MOPERM	# mnths since occupied as permanent home	Unit
MORTIN	Type of 1st mortgage	Housing Cost
MORTN2	Type of 2nd mortgage	Housing Cost
MOVAC	# months unit has been vacant	Sample status, weights, interview status
MOVE	Year person moved in	Recent Movers
MOVGRP	Recent mover group	Recent Movers
MOVM	Month person moved in	Recent Movers

MRTYP1	Type of 1st mortgage	Housing Cost
MRTYP2	Type of 2nd mortgage	Housing Cost
MUSTEL	Knew you must be told about lead paint	Lead Based Paint
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
NATVTY	Country of birth	Household Composition
NEWMOR	1st mortgage new or assumed	Housing Cost
NEWMR2	2nd mortgage new or assumed	Housing Cost
NEWTRN	Neighborhood Public transportation satisfactory	Neighborhood
NLBSY	Stopped looking at homes - too busy	Recent Movers
NLEAK1	Inside water leak from some other source	Unit Quality
NLEAK2	Source of inside water leak unknown	Unit Quality
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
NOINT	Noninterview reason	Sample status, weights, interview status
NOISE	Noise in neighborhood is bothersome	Neighborhood
NOISN1	Hear neighbors thru floor/walls/ceiling	Neighborhood
NOISN2	Loudness of neighbor's noise bothersome	Neighborhood
NOISN3	Timing of neighbor's noise bothersome	Neighborhood
NONE	No supplemental heating equipment	Utilities
NOOTHRM	No other rooms in unit	Unit
NOPROB	Nothing bothersome in neighborhood	Neighborhood
NORC	Majority of neighbors 55+	Neighborhood
NOTSUR	Not sure if rodents were rats or mice	Unit Quality
NOWIRE	Electrical wirng conceald by walls/coverngs	Unit Quality
NPROBS	Anything bothersome in neighborhood	Neighborhood
NROWNR	Ownership shared w/ person not livng here	Household Composition
NRPAYM	Person not livng here help pay mort/util	Household Composition
NUMAIR	Number of room air conditioners	Unit
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
NUMHS	# homes looked at before choosng this one	Recent Movers

NUMMOR	Number of mortgages including home equity loans	Housing Cost
NUMSEW	Number of sewage system breakdowns	Unit Quality
NUMTLT	Number of toilet breakdowns 6 hours or more	Unit Quality
NUNIT2	Structure type	Unit
NUNITS	Number of units in building	Unit
OAFUEL	Fuel used by other central a/c unit	Utilities
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
ODORA	Neighborhood has bad smells	Neighborhood
ODORB	Neighborhood smells are bothersome	Neighborhood
ODORC	Smells are so bad you want to move	Neighborhood
OKITCH	Number of offices used for kitchen	Unit
OLIVIN	Number of offices used for living room	Unit
OMAINT	Buildings & grounds maintained properly	Unit Quality
OOTHRM	Number of offices used for other room	Unit
OTBUP	Other bldg on property used as livng quarters	Unit
OTHCLD	Unit cold for some other reason	Unit Quality
OTHEST	Anyone home who can estimate nonrelative income	Income
OTHFN	Number of other finished rooms in unit	Unit
OTHLQ	Other living qrtrs on property	Unit
OTHLQ1	Other apartments in building	Unit
OTHLQ2	Other apartments in building	Unit
OTHNHD	Other problems bothersome in neighborhd	Neighborhood
OTHPMT	Other charges including in 1st mortgage payment	Housing Cost
OTHREF	1st mortgage refinanced for other reason	Housing Cost
OTHRUN	Number of other unfinished rooms in unit	Unit
OTLEAK	Water leak from other outside source	Unit Quality
OTPMT2	Other charges including in 2nd mortgage payment	Housing Cost
OTREF2	2nd mortgage refinanced for other reason	Housing Cost
OUTPEL	Outside paint peeling or flaking	Lead Based Paint
OUTPNT	Any part of outside of unit painted	Lead Based Paint
OVEN	Unit has a working microwave oven	Unit
OWNHERE	Owner/resident manager lives on-site	Unit
OWNLOT	Household owns the land	Unit
PAFUR	Forced air furnace is parallel supplemental equipment	Utilities
PAPHLT	Received pamphlet about lead paint	Lead Based Paint
PAR	Line number of parent of person	Household Composition
PASS	Number of passengers in carpool	Commuting

PCOKST	Cookstove is parallel supplemental heating equipment	Utilities
PEELAM	Number of other rooms with peeling paint	Lead Based Paint
PEELSZ	Size of area of peeling/flaking paint	Lead Based Paint
PELECT	Built-in electric unit is parallel equipment	Utilities
PER	Number of persons in household	Household Composition
PERSINT	Personal/telephone interview	Household Composition
PERSON	Line number of person	Household Composition
PERSON	Line number of person	Household Composition
PERUS1	Percentage of 1st mortgage loan used for additions/improvemnts	Housing Cost
PERUS2	Percentage of 2nd mortgage loan used for additions/improvemnts	Housing Cost
PFLOT	Vented room heater is parallel supplemental equipment	Utilities
PFRPL	Fireplce without inserts is parallel equipment	Utilities
PFRPLI	Fireplace w/ inserts is parallel equipment	Utilities
PHONE	Telephone available for use	Unit
PHOTH	Some other type is parallel supplemental equipment	Utilities
PHPMP	Heat pump is parallel supplemental equipment	Utilities
PILEAK	Inside water leak from leaking pipes	Unit Quality
PINCO2	2nd mortgage covers other units	Housing Cost
PINCOP	1st mortgage covers other units	Housing Cost
PLEAK	Inside water leak from plumbing fixtures	Unit Quality
PLF	Pipeless furnace used as supplemental heating equipment	Utilities
PLINE	Line number of person	Household Composition
PLUGS	Every room has working electrical plug	Unit
PLUMB	Complete plumbing facilities in unit	Unit Quality
PMAMT2	Amount of mortgage insurance included in 2nd mortgage	Housing Cost
PMIAMT	Amount of mortgage insurance included in 1st mortgage	Housing Cost
PMIPMT	1st mortagage payments include private mortgage insurance	Housing Cost
PMOVM	Month of previous move before this one	Recent Movers
PMOVYR	Year of previous move before this one	Recent Movers
PMPMT2	2nd mortagage payments include private mortgage insurance	Housing Cost
PMSA	1990 design PMSA code	Geography
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 all other mortgages	Housing Cost
PORCH	Unit has porch/deck/balcony/patio	Unit
PORTH	Portable heaters used as supplemental heating equipment	Utilities
PPLF	Pipeless furnace is parallel supplemental equipment	Utilities
PRENT	Amount of rent actually paid	Housing Cost
PREOCC	Received unit as gift or purchased it	Household Composition

PROJ	Building owned by public housing authority	Housing Cost
PSTEAM	Steam/hot water system is parallel equipment	Utilities
PSTOVE	Woodburning stove is parallel supplemental equipment	Utilities
PUBSEW	Unit connected to public sewer	Unit
PVALUE	Current value of unit	Housing Cost
PWT	Pure weight - inverse of prob of selection	Sample status, weights, interview status
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
QINT	Received interest from savings, cd, etc	Income
QMEN	Any income not already mentioned	Income
QOINV	Household has other investments	Income
QOTHER	Received unemployment/vet payments/other inc	Income
QRENT	Received rental income	Income
QSAVNG	Household has savings	Income
QSS	Received social security or pension	Income
QWELF	Received ssi, afdc, other welfare	Income
QWKCMP	Received workers company or other disability	Income
RAC	Cost of replacements/additions to unit	Upgrade and Remodeling
RACE	Race of person	Household Composition
RAD	Cost of alteration/repair	Upgrade and Remodeling
RAH	Household member performed alteration/repair	Upgrade and Remodeling
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
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
RAN	Number of replacements/additions made to unit	Upgrade and Remodeling
RAS	Type of alteration/repair - 1999 version	Upgrade and Remodeling
RATS	Rats seen in unit recently	Unit Quality
RAW	Alteration/repair is addition/replacement	Upgrade and Remodeling
RAY	Year alteration/repair completed	Upgrade and Remodeling
RCARP	Receive help w/ transportation expenses	Income
RCLOT	Receive help with clothing expenses	Income
RCNTRL	Rent limited by rent control/stabilization	Housing Cost
RCOST	Receive help with rent payments	Income
RECRM	Number of recreation rooms in unit	Unit

REDPA2	Reason for refinancing reduced payment of 2nd	Housing Cost
REDPAY	Reason for refinancing reduced payment of 1st	Housing Cost
REFI	Mortgage a refinancing of precious mortgage	Housing Cost
REFI2	2nd mortgage a refinancing of 1st mortgage	Housing Cost
REFR	Unit has a working refrigerator	Unit
REGION	Census region	Geography
REGMOR	Number of regular mortgages on unit	Housing Cost
REL	Relationship of person to reference person	Household Composition
REMP	Employed by household	Household Composition
RENEW	Income info required for lease renewal	Housing Cost
RENT	Monthly rent	Housing Cost
REPHA	Report income to public housng authority	Income
RESMOR	Amount of 1st mortgage applies only to unit	Housing Cost
RESMR2	Amount of 2nd mortgage applies only to unit	Housing Cost
RESPTYP	Type of respondent	Household Composition
REUAD	Reason unit got added to sample	Sample status, weights, interview status
RGROC	Receive help with grocery bills	Income
RKIDC	Receive help with child care payments	Income
RLEAK	Water leak in roof	Unit Quality
RMEDI	Receive help with medical bills	Income
RMOV	Mover group number	Recent Movers
RNTADJ	Rent adjusted because relationship w/ owner	Housing Cost
RNTDUE	Frequency of lodger's rent payment to household	Income
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
ROTHE	Rcvd other assistance making ends meet	Income
RUTIL	Receive help with utility bills	Income
S150MV	Vac/URE unit <= 150 miles of owners res.	Sample status, weights, interview status
SAFUR	Forced air furnace is supplemental heating equipment	Utilities
SAL	Wage & salary income of person	Income
SAMEDU	Same HU as last enumeration	Sample status, weights, interview status
SAMEHH	Same household members live in unit	Household Composition
SATPOL	Neighborhood police protection satisfactory	Neighborhood
SCH	Neighborhood public elem. school satisfactory	Neighborhood
SCHCLS	Neighborhood public elem. school within 1 mile	Neighborhood
SCHM	Public elem. school so bad you want to move	Neighborhood
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
SCOAL	Supplemental heating equipment uses coal/coke	Utilities
SCOKST	Cookstove is supplemental heating equipment	Utilities
SELECT	Builtin electric units are supplemental heat equipment	Utilities
SELL	Borrowed 1st mortgage from former owner	Housing Cost
SELL2	Borrowed 2nd mortgage from former owner	Housing Cost
SEWDIS	Type of sewage disposal	Unit
SEWDUS	Number of units connected to sewage system	Unit
SEX	Sex of person	Household Composition
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
SHARAT	Unit shares attic or basement	Unit
SHARFR	Unit shares furnace or boiler	Unit
SHARPF	Unit shares plumbing facilities	Neighborhood
SHOTH	Some other type is supplemental heating equipment	Utilities
SHP	Neighborhood shopping satisfactory	Neighborhood
SHPCLS	Neighborhood stores within 1 mile	Neighborhood
SHPMP	Heat pump is supplemental heating equipment	Utilities
SINHV	Inherited this vacant/URE unit	Unit
SINK	Unit has kitchen sink	Unit
SINVV	Own vacant/URE unit as an investment	Unit
SJUICE	Supplemental heating equipment uses electricity	Utilities
SKERO	Supplemental heating equipment uses kerosene	Utilities
SMPEEL	Peeling paint more/less than 1/2 door	Lead Based Paint
SMSA	1970 design SMSA code	Geography
SNDPNT	Old paint sanded or scraped	Lead Based Paint
SNITEV	Number of nights owner spends at vac/URE unit	Household Composition
SOIL	Supplemental heating equipment uses fuel oil	Utilities
SOTHER	Supplemental heating equipment uses other fuel	Utilities
SOTHV	Own vacnt/URE unit for some other reason	Unit
SPAN	Spanish origin of person	Household Composition
SPLF	Pipeless furnace is supplemental heating equipment	Utilities
SPORTH	Portable heaters are supplemental heating equipment	Utilities
SPOS	Line number of spouse of person	Household Composition
SRECV	Own vacant/URE unit for recreation	Unit
SRENTV	Number of nights vac/URE unit was rented out	Unit
SSELV	Want to sell vac/URE unit - not sold yet	Unit

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
STATE	FIPS state code	Geography
STATUS	Interview status	Household Composition
STATUS	Interview status	Household Composition
STEAM	Steam system used as supplemental heating equipment	Unit
STORG	Number of storage rooms/pantries in unit	Unit
STOVE	Wood stove used as supplemental heating equipment	Utilities
STRNA	Neighborhood has heavy street noise/traffic	Neighborhood
STRNB	Neighborhood street noise/traffic bothersome	Neighborhood
STRNC	Street noise/traffc so bad you want to move	Neighborhood
SUBFIX	Household got government loan/grant for alterations	Upgrade and Remodeling
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 & other mortgage	Housing Cost
SUBRNT	Government subsidizes rent for unit	Income
SUBRNT1	Government subsidizes rent for unit	Income
SUBRNT2	Government subsidizes rent for unit	Income
SWOOD	Supplemental heating equipment uses wood	Utilities
SXUREV	Vacant/URE unit was previous residence	Sample status, weights, interview status
TADJ	Purchase price changed due to inspection/test	Housing Cost
TALWIR	Aluminum wiring inspected before purchase	Unit Quality
TASB	Unit tested for asbestos before purchase	Unit Quality
TAXPMT	Property taxes included in 1st mortgage	Housing Cost
TELAV	Telephone available elsewhere	Unit
TELHH	Telephone in housing unit	Unit
TEN	This person is owner/renter of unit	Household Composition
TENURE	Owner/renter status of unit	Unit
TERM	Term of 1st mortgage	Housing Cost
TERM2	Term of 2nd mortgage	Housing Cost
TIMEJ	Length of trip to work	Commuting
TIMSHR	Ownership of unit time shared	Unit
TLRMOV	Number of people moved into unit in last 2 years	Recent Movers
TOILET	Unit has a flush toilet	Unit Quality
TPARK	Number of mobile homes in group	Mobile Homes
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

TRADON	Unit tested for radon before purchase	Unit Quality
TRAN	Method of transportation to work	Commuting
TRASH	Unit has working built-in trash compacter	Unit
TREP	Repairs made because of inspection/test	Unit Quality
TRN	Is the public transportation satisfactory?	Commuting
TRUCKS	Number of vans or trucks for household use	Commuting
TUB	Unit has a bathtub or shower	Unit
TWATER	Water quality tested before purchase	Unit Quality
TXPMT2	Property taxes included in 2nd mortgage	Housing Cost
TXRE	Received real estate property tax rebate	Housing Cost
TYPE	Structure type	Unit
UNITSF	Square footage of unit	Unit
USEGAS	Household uses gas	Utilities
USETRN	Someone in household uses Public transportation	Commuting
USFCAM	Amount of square foot change in unit	Upgrade and Remodeling
USFCHG	Change in square footage of unit	Upgrade and Remodeling
VACANCY	Vacancy status	Unit
VACVAC	Unit for vacation or other short-term use	Sample status, weights, interview status
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
VARY	1st mortgage payments change	Housing Cost
VARY2	2nd mortgage payments change	Housing Cost
VCHER	Received voucher to help pay rent	Income
VEHCL	Drive to work alone or with others	Commuting
VOTHER	Total amount of other income	Income
WALLX	# inside walls/ceilings repaired/replacd	Upgrade and Remodeling
WALREP	Inside walls/ceilings repaired/replaced	Upgrade and Remodeling
WASH	Unit has a working washing machine	Unit
WATER	Source of water for unit	Unit
WATERD	Source of drinking water	Unit
WATERS	Water safe for drinking & cooking	Unit Quality
WEIGHT	Final weight	Sample status, weights, interview status
WELDUS	Number of units this water source serves	Unit
WELL	Well drilled or dug	Unit
WFPROP	Unit is waterfront property	Unit
WFUEL	Fuel used most to heat water	Utilities
WHAVL	Liked unit because only one available	Recent Movers
WHDSN	Liked unit because of room layout/design	Recent Movers
WHDY	Number of days worked at home	Household Composition

WHEXT	Liked unit because of exterior appearnce	Recent Movers
WHFIN	Liked unit for financial reasons	Recent Movers
WHHRB	# hours worked at home (self-employed)	Household Composition
WHHRW	# hours worked at home (wage & salary)	Household Composition
WHKIT	Liked unit because of kitchen	Recent Movers
WHNGET	Year unit bought/obtained/received	Unit
WHOME	Work at home for employer	Household Composition
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
WHYCD1	Unit cold due to utility interruption	Unit Quality
WHYCD2	Unit cold due to inadeq. 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
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
WINREP	Windows repaired or replaced	Upgrade and Remodeling
WINUS	Place of work outside the U.S.	Household Composition
WINX	Number of windows repaired or replaced	Upgrade and Remodeling
WLEAK	Water leak in wall or closed door/window	Unit Quality
WLINEQ	Work at all last week	Household Composition
WMCHEP	Moved here for less expensive rent/maint	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
WMFAML	Moved for other family/personal reasons	Recent Movers
WMFEMP	Moved for other financial/employment 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 cause private comp/person wants unit	Recent Movers
WMQUAL	Moved to obtain higher quality unit	Recent Movers
WMREPR	Moved because unit closed for repairs	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 cls to friends/family	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
WTIME	Time usually leave for work	Commuting
WTRHRL	Source of inside water leak is broken water heat	Unit Quality
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	Prev unit ownd/rentd by one who mvd here	Recent Movers
XHRATE	Current unit better/worse than old unit	Recent Movers
XINUS	Previous residence outside united states	Recent Movers
XNRATE	Currnt 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
YRMOR	Year 1st mortgage obtained	Housing Cost
YRMOR2	Year 2nd mortgage obtained	Housing Cost
YRRND	Unit suitable for year round use	Unit
ZADEQ	Recoded adequacy of housing	Unit Quality
ZADULT	Number of adults 18+ in household	Household Composition
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
ZONE	Defined area of > 100,000 population	Geography
ZSMHC	Monthly housing costs	Housing Cost

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
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	Control number	Sample status, weights, interview status
CONTROL	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
NOINT	Noninterview reason	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	Vac/URE unit <= 150 miles of owners res.	Sample status, weights, interview status
SAMEDU	Same HU as last enumeration	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
CMSA	1980 design CMSA code	Geography
COUNTY	County code	Geography
METRO	Central city / suburban status	Geography
METRO3	Central city / suburban status	Geography
PMSA	1990 design PMSA code	Geography
REGION	Census region	Geography
SMSA	1970 design SMSA 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
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 workng 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/comm. store on property	Unit
DRY	Unit has working clothes dryer	Unit
DSTEAM	Steam/hot water systm-DK if supplemental/parallel	Unit
DSTOVE	Woodburning stove - DK if supplemental/parallel	Unit
EBAR	Windows covered with metal bars	Unit
ELEV	Working passenger elevator	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	Heating equipment 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
MOPERM	# mnths since occupied as permanent home	Unit
NOOTHRM	No other rooms in unit	Unit
NUMAIR	Number of room air conditioners	Unit
NUNIT2	Structure type	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 bldg on property used as livng quarters	Unit
OTHFN	Number of other finished rooms in unit	Unit
OTHLQ	Other living qrtrs 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
PHONE	Telephone available for use	Unit
PLUGS	Every room has working electrical plug	Unit
PORCH	Unit has porch/deck/balcony/patio	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
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 vacnt/URE unit for some other reason	Unit
SRECV	Own vacant/URE unit for recreation	Unit
SRENTV	Number of nights vac/URE unit was rented out	Unit
SSELV	Want to sell vac/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 compacter	Unit
TUB	Unit has a bathtub or shower	Unit
TYPE	Structure type	Unit
UNITSF	Square footage of unit	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
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
YRRND	Unit suitable for year round use	Unit
BADSTEP	Loose/broken/missng 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 severly damagd 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/oth roofng materls	Unit Quality
EMISSW	Outside walls missing siding/bricks/etc	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 mnths	Unit Quality
LTSOK	Hallway lights working	Unit Quality
LTSOK1	Hallway lights working	Unit Quality
LTSOK2	All hallway lights working	Unit Quality
M3ROD	Rodents seen in unit recently	Unit Quality
MAJR1	Starts major maint/repairs soon enough	Unit Quality
MAJR2	Solves major problems quickly	Unit Quality
MAJR3	Polite/considerate of home (maj repairs)	Unit Quality
MICE	Mice seen in unit recently	Unit Quality
MINR1	Starts minor maint/repairs soon enough	Unit Quality
MINR2	Solves minor problems quickly	Unit Quality

MINR3	Polite/considerate of home (min 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 wirng conceald by walls/coverngs	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
RATS	Rats seen in unit recently	Unit Quality
RLEAK	Water leak in roof	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 inadeq. 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 heat	Unit Quality
ZADEQ	Recoded adequacy of housing	Unit Quality
ADDTN2	Percentage of 2nd mortgage used for additions/improvements	Housing Cost
ADDTNS	Percentage of 1st mortgage used for additions/improvements	Housing Cost
AMMORT	Amount of 1st mortgage when acquired	Housing Cost

AMMRT2	Amount of 2nd mortgage when acquired	Housing Cost
AMMRT3	Amount borrowed by 3rd mortgage	Housing Cost
AMMRT4	Amount borrowed by 4th & other mortgages	Housing Cost
AMRTZ	Years needed to pay off 1st mortgage	Housing Cost
AMRTZ2	Years needed to pay off 2nd 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
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
ARMASK	1st mortgage changes for other reason	Housing Cost
ARMASK2	2nd mortgage changes for other reason	Housing Cost
BANK	1st mortgage borrowed from bank	Housing Cost
BANK2	2nd mortgage borrowed from bank	Housing Cost
BLOON	1st mortgage's last payment biggest	Housing Cost
BLOON2	2nd 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
CASH	Amount of cash received from 1st mortgage	Housing Cost
CASH2	Amount of cash received from 2st mortgage	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
DWNPAY	Main source of downpayment on unit	Housing Cost
EXTLN2	2nd mortgage refinanced to renew/extend	Housing Cost
EXTLON	1st mortgage refinanced to renew/extend	Housing Cost
FIXED	1st mortgage changes for taxes/insurance	Housing Cost
FIXED2	2nd mortgage changes for taxes/insurance	Housing Cost
FLRENT	Frequency of land/site rent payment	Housing Cost
FMHOTF	Avg regular cost of other required mobile home fees	Housing Cost
FRENT	Frequency of rent payment	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
GTCAS2	2nd mortgage refinanced to receive cash	Housing Cost
GTCASH	1st mortgage refinanced to receive cash	Housing Cost
HEARHS	How first heard about this unit	Housing Cost
HEBAL1	Outstandng loan against 1st home equity loan	Housing Cost
HEBAL2	Outstandng loan against 2nd home equity loan	Housing Cost
HEBAL3	Outstandng 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
HEINW1	Interest rate on 1st home equity loan - whole #	Housing Cost
HEINW2	Interest rate on 2nd home equity loan - whole #	Housing Cost
HEINW3	Interest rate on 3rd home equity loan - whole #	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
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
IFFEE	Condo/co-op/assoc/mobile home park fee required	Housing Cost
IMPROV	Funds from 1st home equity loan used for additions/improvemnts	Housing Cost
IMPRV2	Funds from 2nd home equity loan used for additions/improvemnts	Housing Cost
INCPER	1st mortgage refinanced to increase payment	Housing Cost

INCPR2	2nd mortgage refinanced to increase payment	Housing Cost
INCS	Pay separate rent for land	Housing Cost
INPMT2	2nd mortgage payment includes insurance	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
INTW	Interest rate of 1st mortgage - whole #	Housing Cost
INTW2	Interest rate of 2nd mortgage - whole #	Housing Cost
LANDC	Land contract for mortgage	Housing Cost
LANPMT	Land rent included with mortgage payment	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
LOWIN2	2nd mortgage refinanced to get lower interest	Housing Cost
LOWINT	1st mortgage refinanced to get lower interest	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
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
MH32	Mobile home on property used for living quarters	Housing Cost
MHOTFE	Amount of other required mobile home fees	Housing Cost
MORTIN	Type of 1st mortgage	Housing Cost
MORTN2	Type of 2nd mortgage	Housing Cost
MRTYP1	Type of 1st mortgage	Housing Cost
MRTYP2	Type of 2nd mortgage	Housing Cost
NEWMOR	1st mortgage new or assumed	Housing Cost
NEWMR2	2nd mortgage new or assumed	Housing Cost
NUMMOR	Number of mortgages including home equity loans	Housing Cost
OTHPMT	Other charges including in 1st mortgage payment	Housing Cost
OTHREF	1st mortgage refinanced for other reason	Housing Cost
OTPMT2	Other charges including in 2nd mortgage payment	Housing Cost
OTREF2	2nd mortgage refinanced for other reason	Housing Cost

PERUS1	Percentage of 1st mortgage loan used for additions/improvemnts	Housing Cost
PERUS2	Percentage of 2nd mortgage loan used for additions/improvemnts	Housing Cost
PINCO2	2nd mortgage covers other units	Housing Cost
PINCOP	1st mortgage covers other units	Housing Cost
PMAMT2	Amount of mortgage insurance included in 2nd mortgage	Housing Cost
PMIAMT	Amount of mortgage insurance included in 1st mortgage	Housing Cost
PMIPMT	1st mortagage payments include private mortgage insurance	Housing Cost
PMPMT2	2nd mortagage 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 all other mortgages	Housing Cost
PRENT	Amount of rent actually paid	Housing Cost
PROJ	Building owned by public housing authority	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
RCNTRL	Rent limited by rent control/stabilization	Housing Cost
REDPA2	Reason for refinancing reduced payment of 2nd	Housing Cost
REDPAY	Reason for refinancing reduced payment of 1st	Housing Cost
REFI	Mortgage a refinancing of precious mortgage	Housing Cost
REFI2	2nd mortgage a refinancing of 1st mortgage	Housing Cost
REGMOR	Number of regular mortgages on unit	Housing Cost
RENEW	Income info required for lease renewal	Housing Cost
RENT	Monthly rent	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
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 & other 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
TXPMT2	Property taxes included in 2nd mortgage	Housing Cost

TXRE	Received real estate property tax rebate	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
VARY	1st mortgage payments change	Housing Cost
VARY2	2nd mortgage payments change	Housing Cost
YRMOR	Year 1st mortgage obtained	Housing Cost
YRMOR2	Year 2nd mortgage obtained	Housing Cost
ZSMHC	Monthly housing costs	Housing Cost
AGE	Age of person	Household Composition
APPLY	How got to live in public housing	Household Composition
CITSHP	U.S. Citizenship	Household Composition
CUSHOM	How owner obtained unit	Household Composition
DLINE1	Line Number of person	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
HERE	Nonrelative is present	Household Composition
HHAGE	Age of householder	Household Composition
HHCITSHP	US Citizenship of householder	Household Composition
HHGRAD	Education level of householder	Household Composition
HHINUSYR	Year householder came to US	Household Composition
HHMAR	Marial status of householder	Household Composition
HHNATVTY	Country of birth of householder	Household Composition
HHPLINE	Line number of householder	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 od 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
INUSYR	Year came to U.S.	Household Composition
LIVEAT	Everyone in household lives or eats together	Household Composition
MAR	Marital status of person	Household Composition
NATVTY	Country of birth	Household Composition
NROWNR	Ownership shared w/ person not livng here	Household Composition

NRPAYM	Person not livng here help pay mort/util	Household Composition
PAR	Line number of parent of person	Household Composition
PER	Number of persons in household	Household Composition
PERSINT	Personal/telephone interview	Household Composition
PERSON	Line number of person	Household Composition
PERSON	Line number of person	Household Composition
PLINE	Line number of person	Household Composition
PREOCC	Received unit as gift or purchased it	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
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 vac/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
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
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 mort/rent	Income
HHOTH	Lodgr contributes to household for other costs	Income
HHUTFU	Lodger contributes to household for utilities	Income
INV20K	Total savings/investments over $25,000	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
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
QINT	Received interest from savings, cd, etc	Income
QMEN	Any income not already mentioned	Income
QOINV	Household has other investments	Income
QOTHER	Received unemployment/vet payments/other inc	Income
QRENT	Received rental income	Income
QSAVNG	Household has savings	Income
QSS	Received social security or pension	Income
QWELF	Received ssi, afdc, other welfare	Income
QWKCMP	Received workers company or other disability	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 housng 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	Rcvd 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 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 neighborhoodproperty bothersome	Neighborhood
BADSRV	Poor city/county services are bothersome	Neighborhood
COMMRECR	Community recreational facilities	Neighborhood
COMMSERV	Community services provided	Neighborhood
CRIMEA	Neighborhood has neighborhood crime	Neighborhood
CRIMEB	Neighborhood crime bothersome	Neighborhood
CRIMEC	Crime so bad you want to move	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/instituitions within 1/2 block	Neighborhood
ECOM2	Factories/other industry within 1/2 block	Neighborhood
EGREEN	Open spaces within 1/2 block of unit	Neighborhood
EHIGH	Apartment buildings 7+ stories tall within 1/2 blk	Neighborhood
EJUNK	Trash/junk in streets/prprtys 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
GATED	Walls/fences surrounding community	Neighborhood
HOWN	Rating of neighborhood as place to live	Neighborhood
LITTER	Litter in neighborhood bothersome	Neighborhood
NEWTRN	Neighborhood Public transportation satisfactory	Neighborhood
NOISE	Noise in neighborhood is bothersome	Neighborhood
NOISN1	Hear neighbors thru 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
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 neighborhd	Neighborhood
SATPOL	Neighborhood police protection satisfactory	Neighborhood
SCH	Neighborhood public elem. school satisfactory	Neighborhood
SCHCLS	Neighborhood public elem. school within 1 mile	Neighborhood
SCHM	Public elem. school so bad you want to move	Neighborhood
SHARPF	Unit shares plumbing facilities	Neighborhood
SHP	Neighborhood shopping satisfactory	Neighborhood
SHPCLS	Neighborhood stores within 1 mile	Neighborhood
STRNA	Neighborhood has heavy street noise/traffic	Neighborhood
STRNB	Neighborhood street noise/traffic bothersome	Neighborhood
STRNC	Street noise/traffc so bad you want to move	Neighborhood
AFUEL	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
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	Builtin electric unit-DK if supplemental/parallel	Utilities
DFLOT	Vented room heater - DK if supplemental/paralle	Utilities
DFRPL	Fireplace w/out inserts-DK supplemental/parallel	Utilities
DFRPLI	Fireplace w/ inserts-DK if supplemental/paralle	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	Heating equipment 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	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	Fireplce 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 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
SCOAL	Supplemental heating equipment uses coal/coke	Utilities
SCOKST	Cookstove is supplemental heating equipment	Utilities
SELECT	Builtin 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
WFUEL	Fuel used most to heat water	Utilities
ALMV	All movers lived in same previous residence	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
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 choosng 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 appearnce	Recent Movers
WHFIN	Liked unit for financial reasons	Recent Movers
WHKIT	Liked unit because of kitchen	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/maint	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
WMFAML	Moved for other family/personal reasons	Recent Movers
WMFEMP	Moved for other financial/employment 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 cause private comp/person wants unit	Recent Movers
WMQUAL	Moved to obtain higher quality unit	Recent Movers
WMREPR	Moved because unit closed for repairs	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 cls to friends/family	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	Prev unit ownd/rentd by one who mvd here	Recent Movers
XHRATE	Current unit better/worse than old unit	Recent Movers
XINUS	Previous residence outside united states	Recent Movers
XNRATE	Currnt 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
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	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
RAC	Cost of replacements/additions to unit	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
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/replacd	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
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
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
JATERS	Edit flag for WATERS	Allocation Variables
JATVTY	Edit flag for NATVTY	Allocation Variables
JAUNDY	Edit flag for LAUNDY	Allocation Variables
JBANK	Edit flag for BANK	Allocation Variables
JBANK2	Edit flag for BANK2	Allocation Variables
JBATHS	Edit flag for BATHS	Allocation Variables
JBEDX	Edit flag for BEDX	Allocation Variables
JBIGP	Edit flag for BIGP	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
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
JDAFUR	Edit flag for DAFUR	Allocation Variables
JDATE	Edit flag for DATE	Allocation Variables
JDCOOK	Edit flag for DCOKST	Allocation Variables
JDELEC	Edit flag for DELEC	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 DFORTH	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
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
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
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
JHHRACE	Edit flag for HHRACE	Allocation Variables
JHHREL	Edit flag for HHREL	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
JINTW	Edit flag for INTW	Allocation Variables
JINTW2	Edit flag for INTW2	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
JLRENT	Edit flag for LRENT	Allocation Variables
JLT25K	Edit flag for LT25K	Allocation Variables
JM3ROD	Edit flag for M3ROD	Allocation Variables
JMAMT2	Edit Flag for PMAMT2	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
JMFAML	Edit flag for WMFAML	Allocation Variables
JMFARM	Edit flag for MFARM	Allocation Variables
JMFEMP	Edit flag for WMFEMP	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
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
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
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 MORTINS	Allocation Variables
JORTN2	Edit flag for MORTN2	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 MOVGRP	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
JPRENT	Edit flag for PRENT	Allocation Variables
JPROJ	Edit flag for PROJ	Allocation Variables
JPVALU	Edit flag for PVALUE	Allocation Variables
JQALIM	Edit flag for QALIM	Allocation Variables
JQBUS	Edit flag for QBUS	Allocation Variables
JQDIV	Edit flag for QDIV	Allocation Variables
JQINT	Edit flag for QINT	Allocation Variables
JQOTHR	Edit flag for QOTHER	Allocation Variables
JQRENT	Edit flag for QRENT	Allocation Variables
JQSS	Edit flag for QSS	Allocation Variables

JQWELF	Edit flag for QWELF	Allocation Variables
JRACE	Edit flag for RACE	Allocation Variables
JRACKS	Edit flag for CRACKS	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
JROPSL	Edit flag for CROPSL	Allocation Variables
JRSHOP	Edit flag for DRSHOP	Allocation Variables
JRSTOC	Edit flag for FRSTOC	Allocation Variables
JRTYP1	Edit flag for MRTYP1	Allocation Variables
JRTYP2	Edit flag for MRTYP2	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
JTERM	Edit flag for TERM	Allocation Variables
JTERM2	Edit flag for TERM2	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
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
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
JURNER	Edit flag for BURNER	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
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
JVOTHR	Edit flag for VOTHER	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
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
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
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
JXTEN	Edit flag for XTEN	Allocation Variables
JXUNIT	Edit flag for XUNIT	Allocation Variables
JYRMOR	Edit flag for YRMOR	Allocation Variables

Sample status, weights, interview status

This section documents key variables used in sampling and interviewing in the survey. CONTROL contains the basic case identification number. WEIGHT is the adjusted weight assigned to each case in the sample. Pure weight (PWT) is also provided. The remaining variables provide information on the status of the unit, on various aspects of the interview, on vacant units and non-interviews. These variables include the reasons for vacancy and non-interviews and some descriptions for units, which have been temporarily or definitely removed from the housing stock. A few concepts related to weights, vacancy, merger and conversions are discussed below. Finally, this section deals with the treatment of non-interviews and missing data in the AHS.

Notes:

Types and Treatment of Missing Data

There are three sources of missing data in the American Housing Survey Database: non-interviewed units, unanswered questions that did not apply to the unit, and unanswered questions that did apply to the unit.

Non-interviewed Units: Units which have missing data because no interview was conducted are identified by the variable ISTATUS (same as STATUS). Interviews do not take place for a variety of reasons, e.g., the unit could not be located by the interviewer, the household could not be reached or refused the interview, or the unit did not qualify as an eligible housing unit. In addition, units which were not part of the original cohort are assigned missing data in the longitudinal file for years before their first interview.

There are three types of Non-interviews:

Type A: The unit is occupied by people eligible for the interview. An interview was attempted but could not be obtained (e.g., no one home, respondent refusal, sample unit cannot be reached because of impassable roads, language problems).

Type B: The unit is not eligible for an interview at present but could become eligible for an interview in the future (e.g., unit currently is for nonresidential use, unoccupied site for mobile home, unit under constructio1n; unit severely damaged by fire, unit is permanent or temporary business or commercial storage, converted to institutional use). Note that vacant units and units occupied entirely by people with URE are not considered non-interviews. Type B non-interviews will be revisited each survey year, and if they become housing units again, they will be interviewed.

Type C: The unit is not eligible for the sample, because it no longer exists or because of sampling, reasons (e.g., unit demolished, disaster loss, house or mobile home moved, unused permit abandoned, merged - not in current sample).

Zero Weighted Units: Users should note that, in addition to non-interview units which have a weight of zero, there are other cases which have data present on the files and have been assigned a weight of zero (see the variable WEIGHT in this section). Theses zero weighted units are:

Units in the neighborhood sample. Each cluster of neighborhoods should be weighted equally with other clusters, to calculate the percent of clusters having a particular trait.

Units accidentally interviewed which should not be in the sample. Use of data from these units would cause misrepresentation in the estimates.

Vacant and URE units which are tents, boats, or are located in transient hotels, which are not considered housing units.

Vacancy Status: A housing unit is vacant if no one is living in it at the time of the interview, unless its occupants are only temporarily absent. In addition, housing units where all the occupants have a usual residence elsewhere are grouped with vacant units. Vacant housing units are classified as either "seasonal" and "migratory" or "year-round."

"Seasonal" Units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers.

"Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season.

"Year-round" units: Vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year round basis is considered year-round. A unit used only occasionally throughout the year is also considered year-round.

For "year-round" units, vacancy status is categorized in groups such as:

For rent – Owners of some units offer them for rent. Other owners solicit offers either for rent or for sale. When separate categories for these are not shown, they are both included in for rent, as in the rental vacancy rate.

For sale only – Units "for sale only" are offered for sale, and the owner does not solicit renter-occupants, even though the owner might eventually rent the unit.

Rented or sold – If any money rent has been paid or agreed upon, but the new renter has not moved in as of the date of the interview, or if the unit has recently been sold, but the new owner has not yet moved in, the unit is classified as rented or sold.

Occasional use – These are units held for weekend or other occasional use throughout the year. Second homes may be classified here or as seasonal.

Other vacant – If a vacant year-round unit does not fall into any of the classifications specified in the distribution, it is classified as "other vacant." For example, this category includes units held for settlement of an estate, units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner.

URE: These are temporarily occupied by persons with Usual Residence Elsewhere. If all people in a housing unit usually live elsewhere, the unit is classified as vacant. For example, a beach cottage occupied at the time of the interview by a family that has a usual residence in the city is included in the count of vacant units. Their home in the city or the home of a comparable vacationing family also can be in the AHS sample and would be reported as occupied since the occupants are only temporarily absent. URE units also may be classified in any of the vacancy categories: seasonal or for sale.

Units Changed by Merger: A merger is the result of combining two or more housing units into fewer units through structural alteration or change in use. Structural alteration includes such changes as the removal of partitions or dismantling of kitchen facilities. Change in use may result from a simple rearrangement of space without structural alteration, such as unlocking a door which formerly separated two housing units. A change in use also occurs, for example, when a family occupies both floors of a house which formerly contained a separate housing unit on each floor.

Conversion to More Units: Conversions to more units take place when one or more apartments or houses are subdivided to build more or smaller apartments. All units resulting from the conversion become part of the sample if they meet the housing unit definition and are not sample units in another Census Survey.

Non-interviewed units are assigned a weight of zero. Eligible units which were not interviewed are compensated for by an increase in the weights of other nearby units. Thus, the totals are accurate, but there is an implicit assumption that the non-responding units are few, about 5 percent, so the correction is small. The specific units involved change slightly each year, causing the weights of almost all other units to change slightly as well.

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
Blank	Not reported

Long description:
Is the unit boarded up?

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

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
Module 1999 and earlier:	homimp
Module 2001 and later:	homimp
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	houshld
Module 2001 and later:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	jtw
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	mortg
Module 2001 and later:	owner
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	owner
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	person
Module 2001 and later:	rmov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	ratiov
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	rmov
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	weight
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

DATE
Interview date

01011997:12311997	Janaury 1, 1997 - December 31, 1997

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

HISTRY
Status of unit

1	Returning sample unit from a previous enumeration
8	Unit introduced into sample this year

Long description:
This recode indicates whether this unit had been in sample in a previous survey year or was introduced into sample in the current year.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

MARKET

Unit for rent only, sale only, or either

1	Rent only?
2	Rent or for sale?
3	Sale only?
B	Not applicable
R	Refused
Blank	Not reported

Long description:
Is it for ...

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

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

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

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	Not applicable
D	Don't Know
R	Refused

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

Type:	Numeric
Edit flag variable:	JMOVAC
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 Household doesn't own 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)]

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
B	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [NOT noninterview]

PWT
Pure weight - inverse of prob of selection

00000:99999 0-99,999

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

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	weight
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [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)]

S150MV

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

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

SAMEDU

Same HU as last enumeration

1	Yes
2	No (For example: replacement Mobile Home, wrong unit enumerated last time)
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

SXUREV

Vacant/URE unit was previous residence

X	It was a previous usual residence
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

VACVAC

Unit for vacation or other short-term use

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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.

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	weight
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Geography

Data on geography describe where each housing unit is (which of the 4 Census regions, sometimes which metropolitan area, and on the metropolitan files sometimes state, county, and city). The national files also show climate severity to help analyze utility costs.

Notes:

Metro Area Identification: In the 1997 survey, the variable METRO was replaced with METRO3 because the census was unable to convert 1990-based urbanized areas to 1980-based geography used by the AHS. The new coding has fewer distinctions than the older one, making it more difficult to identify metropolitan area status. Pre-1997 data cannot be compared completely with later figures.

County: County codes are only available in the metropolitan files. The primary divisions of most states are termed counties. Exceptions are as follows:

Louisiana uses the term "parish" rather than "county."

Alaska has county equivalents defined by the state.

Maryland, Missouri, Nevada, and Virginia contain one or more cities that are independent of any county. For statistical purposes, these independent cities are treated as county equivalents.

Zone: Zone codes are only available in the metropolitan files. A zone is defined for the AHS only as a socio-economically homogeneous area of more than 100,000 people. 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 portion of several counties. The areas in a zone are not always adjacent. The limited sample size in each zone precludes reliable analysis of any single zone.

CMSA

1980 design CMSA code

00	Not in a 1980 design CMSA
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	Street Louis-East Street Louis-Alton, MO-IL
91	Seattle-Tacoma, WA

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
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

COUNTY

County code

001:840	001-840
947	Fredricksburg City, VA AND Faquier & Spotsylvania Counties, VA
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, Street Charles, & Warren Counties, MO
955	Clinton, Monroe, & Street Clair Counties, IL
956	Jersey & Madison Counties, IL
957	No longer used
958	Fort Bend, Harris, Liberty, Montgomery, & Waller Counties, TX
959	Hartford County, CT AND parts of Litchfield, Middlesex, New London, & Tolland
Counties	
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, Street Bernard, Street Charles, & Street 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, V	
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 & Street
Croi	
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, N	

990	Hampton, Poquoson, & Williamsburg Cities, VA AND Gloucester, James City, Mathews, & Yo
991	Ozaukee & Washington Counties, WI
992	Ashtabula, Geauga, Lake, & Medina Counties, OH
993	Blount, Street 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 confidetiality.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	toppuf
Unit of observation:	TOPPUF
Present in survey year(s):	1998MSA

METRO

Central city / suburban status

1	Primary central city of the MSA
2:6	Secondary central cities of the MSA
7	Suburb of the MSA

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

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	toppuf
Unit of observation:	TOPPUF
Present in survey year(s):	1998MSA

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

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

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
Module 1999 and earlier:	toppuf
Unit of observation:	TOPPUF
Present in survey year(s):	1998MSA

REGION
Census region

1	Northeast
2	Midwest
3	South
4	West

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

SMSA

1970 design SMSA code

0080	Arkon, 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
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
1320	Canton, OH
1440	Charleston, SC
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 Street 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-Street 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
5720	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
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	Street Louis, MO-IL
7090	Salem-Gloucester, MA
7120	Salinas-Seaside-Monterey, CA
7160	Salt Lake City-Ogden, UT
7240	San Antonio, TX
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-Street 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)
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:
1970 design SMSA code used to uniquely identify each MSA

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse

Unit of observation: HOUSEHOLD
Present in survey year(s): 1997N, 1998MSA, 1999N, 2001N

Notes:
9999 code not present in MSA files. Codes 9991-9993 are used for a few cases in 1995N and 1999N, where rare combinations of SMSA and METRO prevent us showing exact metro codes.
The 1995 and 1999 National data include extra cases to allow separate analyses of 6 areas:
Chicago (0620, 1600, 3960, 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).
These 6 broad areas involve 18 MSA codes, which cover all cases except:
Joliet City outside Chicago, and non-urbanized areas in Los Angeles CA and Orange County NY.
In 1995 and 1999, for all 6 areas except Los Angel-es and Orange County NY, the variable 'SMSA' is given even when METRO=3 or 4 to permit fuller analysis.
Normally sample size and confidentiality let us give SMSA only when METRO=1 or 2.

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
Module 1999 and earlier:	toppuf
Unit of observation:	TOPPUF
Present in survey year(s):	1998MSA

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

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
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA

Unit

This chapter provides information on unit characteristics, facilities and major equipment. Data in this section include unit size, number of rooms, bedrooms, bathrooms and other rooms in the unit, the number of people per room, and information on additions and major alterations undertaken in the last two years. In addition, there is information on energy conservation features, such as storm windows and insulation, and on recent installations of major equipment. For data on fuels used to operate equipment discussed in this section and on utility costs; refer to the Utilities section. In general, the variables are available for all units in the sample.

Notes:

Unit Size: Includes basements and finished attics. Excludes unfinished attics, carports, attached garages, and porches that are not protected from the elements. The information is obtained from the respondent and by exterior measurements if the respondent authorizes the interviewer to do so. Interviewers are given very specific instructions on how to elicit the information from the respondent and on how to measure the unit from the outside. If the respondent does not know the total square footage of the unit, the interviewer elicits information on a floor or room basis, records the length and width for each floor and provides sketches of the units. This information is reviewed by Census and used to calculate the square footage of the unit.

Lot Size: Respondents are asked for the size of the lot. Respondents can state the dimensions or the square footage of the lot or report its size in whole acres. If the respondent provides a range, the value of the mid-point of the range is noted in the data files. If a lot is divided by a road, the portion on the other side of the road is only included in the lot size if it is on the same deed as the lot on which the sample unit is located. For rental units, the acreage includes only the land included in the rent, not the acreage of the entire property belonging to the owner.

Rooms: Starting in 1999, the collection of room counts by floors was eliminated. 1997 was the only year where room counts by floor was conducted. Room counts of each type were collected for the housing units as a whole. Also, a probe was modified to ensure that one-room units were not under-reported. These changes resulted in higher estimates of one-room units and units with no bedrooms.

Rooms counted are whole rooms used for living purposes, such as living rooms, dining rooms, bedrooms, kitchens, finished attic or basement rooms, recreation rooms, permanently enclosed basement rooms, permanently enclosed porches that are suitable for year-round use, lodgers' rooms, and rooms used for offices by a person living in the unit.

A partially divided room, such as a dinette next to a kitchen or living room, is a separate room only if there is a partition from floor to ceiling, but not if the partition consists only of shelves or cabinets. A dining area in a L-shaped living room is not recorded as a dining room and not counted as a room.

Excluded from the count of rooms are bathrooms, halls, foyers or vestibules, balconies, closets, alcoves, pantries, strip or pullman kitchens, laundry or furnace rooms, unfinished attics or

basements, other unfinished space used for storage, open porches, trailers used only as bedrooms, and offices used only by people not living in the unit.

If a room is used by occupants of more than one unit, the room is included with the unit from which it is most easily reached.

Bedrooms: The number of bedrooms in a housing unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms.
Rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, or an extra bedroom used for storage, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified by definition as having no bedroom.

Bathrooms: A unit has a full bathroom if it has a room with a flush toilet, bathtub or shower, a sink, and hot and cold piped water in the structure for the exclusive use of the occupants of the unit. A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

Porch, Balcony, Deck: A porch, deck, or balcony must attached to the unit, not only to the building. It can be open or enclosed. It must measure at least 4 by 4 feet. An enclosed porch used for year-round living and reported as a room is not reported as a porch to avoid double counting.

Telephone Available: Access to a telephone is described by one of two variables. The variable TELHH is used if a telephone is located in the household. The variable TELAV is used if there is a telephone elsewhere on which householders can be contacted.

Complete Kitchen Facilities: A unit has complete kitchen facilities if it has all three of the following for the exclusive use of the occupants of the unit: (1) an installed sink with piped water, (2) a mechanical refrigerator, and (3) built-in burners, not portable. All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or stove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants when they are used only by the occupants of one housing unit, including lodgers or other unrelated people living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

For vacant units from which one or all of the kitchen facilities have been removed, the kitchen facilities used by the last occupant are to be reported.

Complete Plumbing Facilities: A unit has "complete plumbing facilities" if it has hot and cold piped water inside the unit, a flush toilet, and a bathtub or shower inside the structure for the exclusive use of the occupants of the housing unit. All plumbing facilities must be located in the unit but they need not be in the same room. Note that plumbing facilities are considered complete if they are located in the structure in which the unit located, while in the Census,

facilities are complete only if they are inside the specific housing unit. Plumbing facilities are shared if they are also for the use of the occupants of other housing units.

Source of Water or Water Supply: "A public system or private company" refers to a common source supplying running water to six or more housing units. The water may be supplied by a city, county, water district, or private water company, or it may be obtained from a well which supplies six or more housing units. If a well provides water for five or fewer housing units, it is classified as an "individual well". Water sources such as springs, creeks, rivers, cisterns, ponds, or lakes are in the "other" category.

Sewage Disposal: A "public sewer" is connected to a city, county, sanitary district, neighborhood, or subdivision sewer system. It may be operated by a government body or private organization. A "septic tank or cesspool" is an underground tank or pit used for disposal of sewage which serves five or fewer units. Small sewage treatment plants, which in some localities are called neighborhood septic tanks, are classified as public sewers.

Air Conditioning: Air conditioning is defined as the cooling of air by a refrigeration unit. This definition excludes evaporative coolers, fans, or blowers that are not connected to a refrigeration unit. A "room unit" is an individual air conditioner which is installed in a window or an outside wall and in generally intended to cool one room. A "central system" is a central installation which air-conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems that provide central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system.

Heating Equipment: "Warm-air furnace" refers to a central system that provides warm air through ducts leading to various rooms. An "electric heat pump" refers to an electric all-in-one heating-cooling system, which uses indoor and outdoor coils, a refrigerator, and a compressor to provide heating in the winter and cooling in the summer. Only heat pumps that are centrally installed with ducts to the rooms are in this category. "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Built-in electric units" are permanently installed in floors, walls, ceilings, or baseboards. A "floor, wall, or other pipeless furnace or built-in hot air heater without ducts" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed.

"Room heaters with flue" include circulating heaters, convectors, radiant gas heaters and other nonportable heaters that burn gas, oil, kerosene, or other liquid fuels, and connect to a flue, vent, or chimney to remove smoke and fumes. "Room heaters without flue" include any room heaters that burn gas, oil, or kerosene and do not connect to a flue, vent, or chimney. Fireplaces, stoves and electric portable heaters are reported separately. According to the interviewer instructions, portable heaters burning liquid fuel should be included under "fireplaces, etc.", not under "room heaters without flue", but the questionnaire does not mention the portability distinction, so some portable room heaters may be classified "room heaters", while others are classified "fireplaces, etc."

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants is to be reported.

Microwave Oven: The variable OVEN is used when a microwave oven is present. Prior to 1997, the variable was used when a conventional or microwave was present. The questionnaire was changed because it was believed that it was more relevant to ask about a microwave. Due to the question change, data under this variable prior to 1997 cannot be compared to more recent data.

Year Householder Moved Into Unit: In 1999, a change was made in the way these data were processed. The change allows the year the householder moved into a mobile home to be earlier than the year the structure was built. The change was made in order to accommodate mobile home householders who purchased a new mobile home but were still living in the same site, making the year their structure was built later than the year they moved in.

Rooms Used For Business: In order to differentiate rooms used exclusively for business from rooms used for business and personal use, the variable OFFICE was split into the variables EXCLUS, for rooms used only for business purposes, and BUSPER, identifying rooms used for business and personal use. An error in the 1997 questionnaire omitted BUSPER, so it is not possible to tell if rooms have mixed usage in that year.

ACCESS
Direct access to unit

1	Yes, direct access
2	No, through another unit
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

AGERES

Age restricted development

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

AIR

Room air conditioner

1	Yes
2	No
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

AIRSYS

Central air conditioner

1	Yes
2	No
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [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 BUILT le (&SURVYEAR + 1)] ; OR
5 : [NOT occupied interview]

ANYPNT

Any painting done on inside of unit

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [NOT occupied interview]

ANYRUG

Any rugs or carpeting in unit

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; 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
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

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
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

BATHS

Number of full bathrooms in unit

0:10	0-10 Full Bathrooms
B	Not applicable

Long description:
Recoded sum of BATHS1 through BATHS5

Type:	Numeric
Edit flag variable:	JBATHS
Allocation Matrix:	Matrix B
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [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 BUILT le (&SURVYEAR + 1)] ; OR
7 : [NOT occupied interview]

BEDRMS
Number of bedrooms in unit

0:10	0-10 Full Bedrooms
B	Not applicable

Long description:
Recoded sum of BEDRMS1 through BEDRMS5

Type:	Numeric
Edit flag variable:	JEDRMS
Allocation Matrix:	Matrix B
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused

Long description:
This variable was created by the bridge system.
How many of your bedrooms have wall-to-wall carpeting?

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

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 BUILT le (&SURVYEAR + 1)] ; OR
8 : [NOT occupied interview]

BUILT

Year unit was built

1990:2001	1990-2001
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	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 90's, 80's, 70's or some other decade?)

Type:	Numeric
Edit flag variable:	JBUILT
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

BURNER
Unit has workng built-in cooking burners

1	Yes
2	No
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Unit have 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
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

BUSPER

rooms used for business/personal use

0	None
1:10	1-10
B	Not applicable
D	Don't Know
R	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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	Not applicable

Long description:
Is this house built-

Type:	Numeric
Edit flag variable:	JELLAR
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
Recoded sum of DENS1 through DENS5

Type:	Numeric
Edit flag variable:	JDENS
Allocation Matrix:	Matrix B
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
Recoded sum of DINING1 through DINING5

Type:	Numeric
Edit flag variable:	JINING
Allocation Matrix:	Matrix B
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
R	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N

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	Not applicable

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

Type:	Character
Edit flag variable:	JDISH
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

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

Type:	Character
Edit flag variable:	JDISPL
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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/comm. store on property

1	Yes
2	No
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

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

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

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

DSTEAM

Steam/hot water systm-DK if supplemental/parallel

B	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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:	JDSTOVE
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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)]

EBAR
Windows covered with metal bars

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

ELEV
Working passenger elevator

1	No elevator
2	At least one working elevator
3	All elevators not working
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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)]

EXCLUS

Number offices used exclusively for business

0	No offices used exclusively for business
1:10	1-10 offices used exclusively for business
B	Not applicable
D	Don't Know
R	Refused

Long description:
This variable was created by the bridge system.
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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
Recoded sum of FAMRM1 through FAMRM5

Type:	Numeric
Edit flag variable:	JFAMRM
Allocation Matrix:	Matrix B
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Is this property in a flood plain?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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	Not applicable

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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

FLOT

Heating equipment vented to outside

X	Yes, VENTED to the outside through a chimney,flue, or pipes
B	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview)] AND [Don't consiter 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	Not applicable

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

Type:	Numeric
Edit flag variable:	JFPLWK
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

FRPL
Fireplace does not have inserts

X	No, none have inserts
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	Yes, some or all with inserts
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	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	Not applicable

Long description:
Recoded sum of HALFB1 through HALFB5

Type:	Numeric
Edit flag variable:	JHALFB
Allocation Matrix:	Matrix B
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

INCP

Offstreet parking included

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
Recoded sum of KITCH1 through KITCH5

Type:	Numeric
Edit flag variable:	JKITCH
Allocation Matrix:	Matrix B
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
To have complete kitchen facilities, the unit must meet the following conditions:
Single unit HUs: must have a sink, refrigerator, and (range, cookstove, microwave, or built-in cooking burners) in the kitchen

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

LAT70S

Year unit built in late 1970s

5:9	1975-1979
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

Conditions not in universe:
1 : [Occupied interview] AND [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; 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	Not applicable

Long description:
Recoded sum of LAUNDY1 through LAUNDY5

Type:	Numeric
Edit flag variable:	JAUNDY
Allocation Matrix:	Matrix B
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

LIVING

Number of living rooms in unit

0:5	0-5 Living rooms
B	Not applicable

Long description:
Recoded sum of LIVING1 through LIVING5

Type:	Numeric
Edit flag variable:	JIVING
Allocation Matrix:	Matrix B
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

LOT

Square footage of lot

200:999998	200-999,998 Square feet
B	Not applicable
.	Not reported

Long description:
This variable was created by the bridge system.
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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	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 [(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 BUILT le (&SURVYEAR + 1)] ; OR
7 : [NOT occupied interview]

MOPERM

mnths 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	Not applicable
D	Don't Know
R	Refused
.	Not reported

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

Type:	Numeric
Edit flag variable:	JOPERM
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 Household doesn't own 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)]

NOOTHRM
No other rooms in unit

X	No OTHER rooms
B	Not applicable
Blank	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
Module 1999 and earlier:	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

8	8 or more
B	Not applicable

Long description:
How Many?

Type:	Numeric
Edit flag variable:	JUMAIR
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Structure type

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	Not applicable

Long description:
These living quarters in a -

Type:	Character
Edit flag variable:	JUNIT2
Allocation Matrix:	Matrix A
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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:
This variable was created by the bridge system.
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
Module 1999 and earlier:	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:
This variable was created by the bridge system.
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
Module 1999 and earlier:	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:
This variable was created by the bridge system.
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
Module 1999 and earlier:	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:
This variable was created by the bridge system.
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
Module 1999 and earlier:	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:
This variable was created by the bridge system.
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
Module 1999 and earlier:	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:
This variable was created by the bridge system.
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
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N

OTBUP
Other bldg on property used as livng quarters

1	Yes
2	No
B	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
Recoded sum of OTHFN1 through OTHFN5

Type:	Numeric
Edit flag variable:	JOTHFN
Allocation Matrix:	Matrix B
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 qrtrs on property

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
This variable was created by the bridge system.
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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

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
Module 1999 and earlier:	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
Module 1999 and earlier:	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	Not applicable

Long description:
Recoded sum of OTHUN1 through OTHUN5

Type:	Numeric
Edit flag variable:	JTHRUN
Allocation Matrix:	Matrix B
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	owner
Module 2001 and later:	owner
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
This variable was created by the bridge system.
Do you own the land?

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

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]

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	Not applicable
D	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
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N, 2001N

PLUGS
Every room has working electrical plug

1	Yes
2	No
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

PUBSEW
Unit connected to public sewer

1	Yes
2	No
B	Not applicable

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

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

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	Not applicable

Long description:
Recoded sum of RECRM1 through RECRM5

Type:	Numeric
Edit flag variable:	JRECRM
Allocation Matrix:	Matrix B
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA

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
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA

SEWDIS

Type of sewage disposal

1	Septic tank or cesspool
2	Chemical toilet
3	Outhouse or privy
4	Other
5	None
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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)]

SEWDUS

Number of units connected to sewage system

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

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

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

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	Not applicable
D	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	It was inherited
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

SINK
Unit has kitchen sink

1	Yes
2	No
B	Not applicable

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

Type:	Character
Edit flag variable:	JSINK
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

SINVV

Own vacant/URE unit as an investment

X	It is for investment purposes
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

SOTHV

Own vacnt/URE unit for some other reason

X	Some other reason (SPECIFY)
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

SRECV

Own vacant/URE unit for recreation

X	It is used for recreational purposes
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

SRENTV

Number of nights vac/URE unit was rented out

1	0-2 nights
2	3-7 nights
3	8 or more nights
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

SSELV
Want to sell vac/URE unit - not sold yet

X	Owner(s) wish to sell it but have not yet been able to
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

STEAM
Steam system used as supplemental heating equip

X	Steam/hot water system with radiators OR other system using steam/hot water
B	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	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
Module 1999 and earlier:	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 followup on missing data, is there a telephone in this housing unit?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	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 for cash rent
3	Occupied without payment of cash rent?
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

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

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

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 Household doesn't own 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 compacter

1	Yes
2	No
B	Not applicable

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

Type:	Character
Edit flag variable:	JTRASH
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
Does this full bath contain a 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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

TYPE

Structure type

1	House, partment, 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	Not applicable

Are your living quarters in a -

Type:	Numeric
Edit flag variable:	JTYPE
Allocation Matrix:	Matrix A
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	98,998 square feet or more
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
This variable was created by the bridge system.
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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

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	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:	JVANCAN
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 was] ; OR
4 : [Occupied interview and Owned] AND [Household doesn't own 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 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	Not applicable

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

Type:	Character
Edit flag variable:	JWASH
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

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

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]

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	Not applicable

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

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

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Is the well drilled or dug?

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

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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

1900:2001	1900-2001
B	Not applicable

Long description:
When did this household bought/obtained/received the unit?
(IF LAND AND BUILDING BOUGHT AT DIFFERENT TIMES, BUILDING ONLY)

Type:	Numeric
Edit flag variable:	JHNGET
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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)]

YRRND

Unit suitable for year round use

1	Yes
2	No
B	Not applicable
D	Don't Know

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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 Household doesn't own 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

Data in this section include a measure of overall quality of the unit, residents' satisfaction with the unit, deficiencies outside and inside the unit (e.g. leaks, holes, cracks, blown fuses, equipment breakdowns) and in the common halls (such as non-working light fixtures or loose railings) and maintenance and repairs information.

Notes:

Housing adequacy: This three-scale index, in which one is adequate and three is severely inadequate, is a summary measure of housing quality. The criteria used to cerate this index is provided in the long description for the variable.

Common stairways: Data for common stairways are collected for housing units in structures of two or more units with common stairways. The data reflect the physical condition of the stairway, i.e., whether there are loose, broken or missing steps or stair railings. Common stairways are stairways, which are usually used by the occupants or guests to get to the door of the unit. They may be inside or outside of the building. The condition of stairways is reported for all units.

Peeling paint: Peeling paint must be on the inside walls or ceilings, and at least one area of the peeling paint must be larger than 8 inches by 11 inches.

Signs of basement water leakage: Signs of basement water leakage are recorded. Water leakage is present if the basement shows signs of water having leaked in from the outside, even if the signs only appear when it rains or during other similar situations. "No water leakage" means that the basement shows no sign of water leakage, or that the signs of water leakage are caused by a problem inside the structure such as faulty plumbing. If the basement shows signs of water having leaked in from the outside but the problem causing the leakage has been corrected, the unit was classified as having no basement leakage. This item is available if the respondent reported a water leakage in the last 12 months.

Leaking roof: Units with "water leakage" are those in which the roof shows signs of water having leaked in from the outside or where the roof leaks when it rains. "No water leakage" means that the roof shows no signs of water having leaked in from the outside, or that the roof shows signs of water leakage but the problem causing the leakage has been corrected. If the signs of water leakage are caused by a problem inside the structure such as faulty plumbing the unit is classified as having no basement leakage. This item is available if the respondent reported that water did leak from the outside in the last 12 months.

Other leakages: Data are available on water leakages through the walls and around the windows as well as leakages caused by faulty water pipes, plumbing backups or other causes. Leakages through broken or deteriorated windows are counted, while water leakages which came in through an open window are excluded. Leakages are reported if they occurred in the last 12 months.

Inside walls and ceilings: Data are collected on whether there are open cracks or holes and broken plaster or peeling paint on the inside walls or ceilings of a housing unit. Included are cracks or holes that do not go all the way through to the next room or to the outdoors. Hairline cracks or cracks that appear in the walls or ceilings but are not large enough for a fingernail file to be inserted, and very small holes caused by nails or other similar objects are not considered to be open cracks or holes.

Inside floors: Data are collected on whether there are holes in the inside floors of a housing unit. The holes do not have to go through the floor. Excluded are very small holes caused by nails or other similar objects.

Flush toilet, water supply, public sewage disposal and heating equipment breakdown: Plumbing breakdowns are reported if they lasted six or more consecutive hours, whether the problem was created by faulty equipment or by an interruption of the water supply. Heating equipment breakdowns, however, are not counted if they resulted from an interruption of the power supply or lack of fuel. The number of plumbing breakdowns refer to the three months before the interview unless the respondent has been in the unit for less than three months. Data on breakdowns or failure of flush toilets, water supply, sewage disposal and heating equipment were collected only if the housing unit had been occupied by the reference person of the household at least three months before the interview. The data are collected for all units and the questions are reworded as "Since you have lived here." For breakdowns or failures of heating equipment, data are collected only of the unit had been occupied by the reference person during the winter before the interview. To qualify as having lived here "last winter", the reference person must have moved into the unit before the previous February.

Electric wiring: A housing unit is classified as having exposed electric wiring if the unit has any wiring that is not enclosed, either in the walls or in metal coverings located in living areas only. Extension cords and other types of wiring that extend from a wall outlet to an appliance or lamp are not considered as exposed wiring.

Electric wall outlets: A housing unit is classified as having electric wall outlets in each room if there is at least one working electric wall outlet or wall plug in each room of the unit. A working electric wall outlet or wall plug is one that is in operating condition, i.e., can be used when needed. If a room does not have an electric wall outlet, an extension cord used in place of a wall outlet is not considered to be an electric wall outlet.

Outside structural conditions: These data are provided by observation. A sagging roof is reported if it is substantial and can be seen without climbing on the roof. Missing roof materials include rotted, broken or missing shingles, tiles, slates, etc. caused by extensive damage from fire, storm or serious neglect. Holes are reported if missing materials expose the inside of the unit to the elements. Missing materials on the walls and chimney do not have to expose the inside of the unit to the elements to be reported. The defects may have been caused by fire, storm, flood, neglect or vandalism. Boarded-up windows include both windows and doors which are covered by board, brick, metal or other material. Broken windows are reported if several panes are missing or broken. Foundation defects include large cracks, holes, and rooted, loose or missing material. None of the above defects are reported if the conditions are due to construction activities, unless it is obvious that the work has been abandoned.

Unit is uncomfortably cold: Respondents are asked if any of the occupants of the unit last winter experienced discomfort because the unit was too cold for 24 consecutive hours or more. The respondent's definition of "last winter" is accepted. The reasons for discomfort due to cold are also provided.

Radon, asbestos and water quality tests: Respondents are asked if the buyer, seller, or their representative made any inquiries, inspected or tested the house for any of the listed conditions. They are also asked if water is safe for drinking and cooking.

BADSTEP
Loose/broken/missng steps in common stairs

1	No common stairways
2	Yes
3	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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

BLEAK
Water leak in basement

X	Basement
B	Not applicable
Blank	Not reported

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

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

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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:	JCRACKS
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 da fire?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	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 severly damagd by natural disaster

1	Yes
2	No
B	Not applicable
Blank	Not reported

Long description:
Other natural disaster?

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

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [NOT occupied interview]

EBOARD
Windows boarded up

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

EBROKE
Windows broken

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

ECRUMB
Holes/cracks or crumbling in foundation

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

EGOOD
No listed conditions seen in/on unit

1	No listed conditions seen in or on the unit
B	Not applicable
Blank	Not reported

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

Conditions not in universe:
1 : [Noninterview]

EHOLER
Roof has holes

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Does the roof have any holes?

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

Conditions not in universe:
1 : [Noninterview]

ELEVWK
At least one elevator in working order

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

EMISSR
Roof missing shingles/oth roofng materls

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

EMISSW
Outside walls missing siding/bricks/etc

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

ESAGR
Roof's surface sags or is uneven

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Does the roof's surface sag or appear uneven?

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

Conditions not in universe:
1 : [Noninterview]

ESLOPW

Outside walls slope/lean/slant/buckle

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Do the outside walls slope, lean, buckle or slant?

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

Conditions not in universe:
1 : [Noninterview]

EVROD

Evidence of rodents in unit

1	Yes
2	No
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	Not reported

Long description:
Is the interior-

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

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	Not applicable
D	Don't Know
R	Refused
Blank	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:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
.	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [NOT occupied interview]

IFBLOW

Fuses blown or circuit breakers tripped

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know

Long description:
Was that because the MAIN heating equipment broke down?

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

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Was your home ever COMPLETELY without running water

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

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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 withing the past 12 months --
that is, since 12 months ago (date)?

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

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
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

LEAK

Any outside water leaks in last 12 mnths

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	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
Module 1999 and earlier:	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]

M3ROD
Rodents seen in unit recently

1	Yes
2	No
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 maint/repairs soon enough

1	Yes usually
2	Not usually
3	Very mixed
4	Haven't needed any
5	Landlord not responsible for maintenance
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Do they solve the problem quickly once they start?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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

MAJR3

Polite/considerate of home (maj repairs)

1	Yes
2	No
3	Mixed
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Are they polite and considerate of your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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

X	Mouse
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 maint/repairs soon enough

1	Yes usually
2	Not usually
3	Very mixed
4	Haven't needed any
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Do they solve the problem quickly once they start?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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

MINR3
Polite/considerate of home (min repairs)

1	Yes
2	No
3	Mixed
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Are they polite and considerate of your home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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

X	Other (SPECIFY)
B	Not applicable
Blank	Not reported

Long description:
Where did the water come from?

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

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

X	Unknown
B	Not applicable
Blank	Not reported

Long description:
Where did the water come from?

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

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

X	Not sure
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 wirng conceald by walls/coverngs

1	Yes
2	No
3	No electrical wiring
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

NUMBLOW

times fuses blown or breakers tripped

1:7	1-7 times
8	8 or more times
B	Not applicable
D	Don't Know
Blank	Not reported

Long description:
How many times fuses blown or breakers tripped?

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

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	Not applicable
D	Don't Know
R	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't 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	Not applicable
D	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

OTHCLD
Unit cold for some other reason

1	Yes
2	No
B	Not applicable
R	Refused

Long description:
Was it cold for any other reason?

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

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't 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

X	Somewhere else (SPECIFY)
B	Not applicable
Blank	Not reported

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

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

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

X	Pipes leaked (include pipe leaks from other apartments)
B	Not applicable
Blank	Not reported

Long description:
Where did the water come from?

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

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

X	Own plumbing fixtures backed up and/or overflowed
B	Not applicable
D	Don't Know
Blank	Not reported

Long description:
Where did the water come from?

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

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	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
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

RAILOK

Railings on common stairs firmly attached

1	No stair railings
2	All firmly attached
3	Some/none firmly attached
B	Not applicable
D	Don't Know
R	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	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
Module 1999 and earlier:	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]

RATS

Rats seen in unit recently

X	Rat
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	Roof
B	Not applicable
D	Don't Know
Blank	Not reported

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

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

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]

TALWIR

Aluminum wiring inspected before purchase

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

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	Not applicable
D	Don't Know
R	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

WHYCD1
Unit cold due to utility interruption

X	Utility interruption
B	Not applicable
R	Refused
Blank	Not reported

Long description:
What was the reason?

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

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't 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 inadeq. heating capacity

X	Inadequate heating capacity
B	Not applicable
Blank	Not reported

Long description:
What was the reason?

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

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't 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

X	Inadequate insulation
B	Not applicable
Blank	Not reported

Long description:
What was the reason?

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

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't 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

X	Cost of heating
B	Not applicable
Blank	Not reported

Long description:
What was the reason?

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

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't 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

X	Other, specify
B	Not applicable
D	Don't Know
Blank	Not reported

Long description:
What was the reason?

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

Conditions not in universe:
1 : [(URE interview or vacant interview)] ; OR
2 : [Occupied interview] AND [(Don't 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

X	Walls or around closed windows or closed doors
B	Not applicable
Blank	Not reported

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

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

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 heat

X	Unknown
B	Not applicable
Blank	Not reported

Long description:
Where did the water come from?

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

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	Not applicable

Long 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

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

A unit is adequate if it is neither severely nor moderately inadequate.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 in the Housing Costs section of this codebook, and is not 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.

Notes:

Costs for all households

Monthly housing costs: These data are combined into one variable (ZSMHC) by summing, when applicable, utility costs, real estate taxes, cost of homeowner insurance, condominium/homeowner's association fee, land/site rent, other mortgage charges, other required mortgage fees, mortgage payments, routine maintenance costs, and rent payments.

Costs for Owners

Value: The information is collected for all owner-occupied units, but is not collected for renter-occupied units.
For owner-occupied units,.value represents the respondent's estimate of the property's sale price (house and lot) if it were for sale. For vacant units, value represents the property's sale price at the time of the interview, and may differ from the price at which the property is sold. The variable is available for all owner-occupied units and represents the value of the sample unit and its yard (VALUE). The value of the overall property for multi-family units, structures with commercial/medical establishments, and structures on more than 10 acres are recorded under the variable PVALUE.

Purchase Price: This is the price that was paid at the time the property was acquired (house and lot), not the estimated value at the time of the interview. If only the house is owned, but not the land, the respondent is asked for a combined estimate of the value of the house and lot at the time of purchase. If the house was a single-family unit at the time of purchase, but was split into two or more units since the purchase, the purchase price is the value of the complete structure at the time of the purchase. Purchase price includes the costs of furnishings if the property was acquired furnished. An estimate is accepted if the respondent does not know the exact purchase price. The amount reported excludes closing costs.

Fees: A "condominium fee" includes all operating and maintenance costs of the common property and related administrative costs such as utilities billed communally and management fees. A "cooperative maintenance fee" (also called carrying charges) is the share of the cooperative's annual budget to be paid by the person occupying the sample unit, for real estate taxes, mortgage interest and operating costs. A "mobile home park fee" is the regular payment to the park management, which could include utility charges, mail handling, and/or fees for the maintenance of common areas. A "homeowners' association fee" could include payments for the upkeep of common property (e.g., street lights, parking areas, lawns), the use and maintenance of recreational facilities, and security guards. Any fee that is optional is excluded.

Mortgage: A mortgage or similar debt refers to all forms of debt where the property is pledged as security for payment of the debt. It includes debt instruments such as deeds of trust, trust deeds, mortgage bonds, and vendor liens. In the first three arrangements, a third party, known as the trustee, holds the title to the property until the debt is paid. In the vendor lien arrangement, the buyer receives the title but the seller (vendor) reserves, in the deed to the buyer, a lien on the property to secure payment of the balance of the purchase price. Mortgage data include contracts to purchase, land contracts, and lease-purchase agreements, in which the title to the property stays with the seller until the agreed-upon payments have been made by the buyer.

Home Equity Loans/Lines of Credit: In 1997, the survey introduced 10 variables with information about aspects of home equity loans. The 2001 survey is further revised to differentiate between loans and lines of credit. A *home equity loan* is a fixed amount of money with a fixed repayment plan. A *home equity line of credit* is open-ended and may be available for as long as the person owns the unit.

Lower-Cost Mortgages: These are generally 1 to 3 percent below the current mortgage interest rate at the time the loan was obtained. These loans are managed through state or local governments, and financed from the proceeds from revenue bonds, e.g., loans for first-time homebuyers. These loans do not include federally funded programs from the Department of Veterans' Affairs.

Wrap-around mortgage: A wrap-around mortgage is a second or junior mortgage with a face value of both the amount it secures and the balance due under the first mortgage.

Current Interest Rate: For variable interest rates, the respondent is asked to report the interest in effect at the time of the interview. If the last payment under the old schedule has been made, the rate for the next payment is recorded.

Monthly mortgage payment: The data includes all owner-occupied units. If a mortgage exists, data are collected on the monthly dollar amount paid for the mortgage's principal and interest only. Separate amounts are available for the first mortgage, second mortgage, and any other mortgages combined.

Real estate taxes last year: The data come only from owner-occupied units. "Real estate taxes last year" refers to the yearly total amount of all real estate taxes payable in the entire property during the last billing period. It includes special assessments, school taxes, state and local real estate taxes. Excluded are payments on delinquent taxes due from prior years. Even

when the real estate taxes are included with the mortgage, a separate amount for the taxes is obtained. The information is collected for all units, including renter-occupied units, in which case the question refers to household property insurance.

Costs for Renters

Monthly Contract Rent: The monthly rent agreed to, or contracted for, even if the furnishings, utilities, or services are included. Starting in 1997, units reporting "no cash rent" still have a value calculated for them for total monthly housing costs. The effect is a slight decrease in the number of units reporting no monthly housing costs and a slight increase in the number of units reporting a small monthly housing cost.

ADDTN2

Percentage of 2nd mortgage used for additions/improvements

0:100	0-100 Percent
B	Not applicable
D	Don't Know
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

ADDTNS

Percentage of 1st mortgage used for additions/improvements

0:100	0-100 Percent
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

AMMORT

Amount of 1st mortgage when acquired

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable

Long description:
How much was left to pay off when you assumed it?
How much was borrowed?

Type:	Numeric
Edit flag variable:	JMMORT
Allocation Matrix:	Matrix H
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Condition's not in universe:
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]

AMMRT2

Amount of 2nd mortgage when acquired

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable

Long description:
How much was left to pay off when you assumed it?
How much was borrowed?

Type:	Numeric
Edit flag variable:	JMMRT2
Allocation Matrix:	Matrix H
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

AMMRT3

Amount borrowed by 3rd mortgage

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable

Long description:
For the third mortgage, how much did you borrow?

Type:	Numeric
Edit flag variable:	JMMRT3
Allocation Matrix:	Matrix H
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

AMMRT4

Amount borrowed by 4th & other mortgages

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable

Long description:
For the other mortgages, how much did you borrow?

Type:	Numeric
Edit flag variable:	JMMRT4
Allocation Matrix:	Matrix H
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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

Years needed to pay off 1st mortgage

1:40	1-40 Years
B	Not applicable

Long description:
At your current payments, how long would it take to pay off the loan?

Type:	Numeric
Edit flag variable:	JAMRTZ
Allocation Matrix:	Matrix I
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

AMRTZ2

Years needed to pay off 2nd mortgage

1:40	1-40 Years
B	Not applicable

Long description:
At your current payments, how long would it take to pay off the loan?

Type:	Numeric
Edit flag variable:	JMRTZ2
Allocation Matrix:	Matrix I
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [ ] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [ ] ; 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

Amount of other charges included in 1st mortgage

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know
R	Refused
.	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
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

AMTM2

Amount of other charges included in 2nd mortgage

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know
.	Not reported

Long description:
How much were the other charges last year?
(Exclude property tax and homeowner's insurance)

Type:	Numeric
Edit flag variable:	JAMTM2
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
550	$500 - $599
650	$600 - $699
750	$700 - $799
850	$800 - $899
950	$900 - $999
1050	$1,000 - $1,099
1150	$1,100 - $1,199
1250	$1,200 - $1,299
1350	$1,300 - $1,399
1450	$1,400 - $1,499
1550	$1,500 - $1,599
1650	$1,600 - $1,699
1750	$1,700 - $1,799
1850	$1,800 - $1,899
1950	$1,900 - $1,999
2050	$2,000 - $2,099
2150	$2,100 - $2,199
2250	$2,200 - $2,299
2350	$2,300 - $2,399
2450	$2,400 - $2,499
2550	$2,500 - $2,599
2650	$2,600 - $2,699
2750	$2,700 - $2,799
2850	$2,800 - $2,899
2950	$2,900 - $2,999
3050	$3,000 - $3,099
3150	$3,100 - $3,199
3250	$3,200 - $3,299
3350	$3,300 - $3,399
3450	$3,400 - $3,499
3550	$3,500 - $3,599
3650	$3,600 - $3,699
3750	$3,700 - $3,799
3850	$3,800 - $3,899
3950	$3,900 - $3,999
4050	$4,000 - $4,099
4150	$4,100 - $4,199
4250	$4,200 - $4,299
4350	$4,300 - $4,399
4450	$4,400 - $4,499
4550	$4,500 - $4,599
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

ARM

1st mortgage changes due to interest rate

X	Change based on interest rates
B	Not applicable
Blank	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

ARM2

2nd mortgage changes due to interest rate

X	Change based on interest rates
B	Not applicable
Blank	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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

1st mortgage changes for other reason

1	Yes
2	No
1	Yes
2	No
B	Not applicable
D	Don't Know
Blank	Not reported

Long description:
Do they change for any other reason?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

Conditions not in universe:
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]

ARMASK2

2nd mortgage changes for other reason

1	Yes
2	No
1	Yes
2	No
B	Not applicable
Blank	Not reported

Long description:
Do they change for any other reason?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

Conditions not in universe:
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]

BANK

1st mortgage borrowed from bank

1	Bank or Organization
2	Individual
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

BANK2

2nd mortgage borrowed from bank

1	Bank or Organization
2	Individual
B	Not applicable
D	Don't Know
R	Refused
Blank	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:	JBANK2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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

1st mortgage's last payment biggest

X	Last payment biggest
B	Not applicable
Blank	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	JBLOON
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

BLOON2

2nd mortgage's last payment biggest

X	Last payment biggest
B	Not applicable
Blank	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	JBLOON2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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	Not applicable

Long description:
Does this household have homeowner's insurance?
Does this household have household property insurance?

Type:	Character
Edit flag variable:	JBUYI
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [ ] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [ ] ; 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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 sewar 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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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:	JBYW2
Allocation Matrix:	Matrix D, E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

Term of 1st mortgage can vary

X	Can Vary
B	Not applicable
Blank	Not reported

Long description:
When you first obtained THIS mortgage, how many years was it for?

Type:	Character
Edit flag variable:	JANVAR
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

CANVR2

Term of 2nd mortgage can vary

X	Can Vary
B	Not applicable
Blank	Not reported

Long description:
When you first obtained THIS mortgage, how many years was it for?

Type:	Character
Edit flag variable:	JANVR2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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

Amount of cash received from 1st mortgage

1:999999	$1-999,999
B	Not applicable
B	Not applicable
D	Don't Know
.	Not reported
R	Refused

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

CASH2

Amount of cash received from 2st mortgage

1:999999	$1-999,999
D	Don't Know
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

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

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes

Module 1999 and earlier: toppuf
Module 2001 and later: newhouse
Unit of observation: HOUSEHOLD
Present in survey year(s): 1997N, 1998MSA, 1999N, 2001N

CPRICE

Cost of construction plus value of land

1:999997	$1-$999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know
R	Refused
.	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: None
Allocation Matrix: None
Topcoded: Yes
Module 1999 and earlier: houshld
Module 2001 and later: newhouse
Unit of observation: HOUSEHOLD
Present in survey year(s): 1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
.	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

DWNPAY

Main source of downpayment 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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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)]

EXTLN2

2nd mortgage refinanced to renew/extend

X	Refinanced to renew/extend loan
B	Not applicable
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

EXTLON

1st mortgage refinanced to renew/extend

X	Refinanced to renew/extend loan
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

FIXED

1st mortgage changes for taxes/insurance

X	Change in taxes or insurance, or due to decline in principal balance
B	Not applicable
Blank	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:

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]

FIXED2

2nd mortgage changes for taxes/insurance

X	Change in taxes or insurance, or due to decline in principal balance
B	Not applicable
Blank	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:

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	Not applicable
D	Don't Know
R	Refused
.	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [(Assocation 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 Assocation 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 [(Refused to disclose if household owns land on which mobile home sits or Don't know if household owns land or Refused to disclose if household owns 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

Avg regular cost of other required mobile home fees

1:52	1-52 times per year
53	53 times or more
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
How many times a year are the fees due?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 Assocation 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)]

FRENT
Frequency of rent payment

1:52	1-52 times per year
53	53 times or more
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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]

GPM

1st mortgage payments rise on fixed schedule part

X	Rise at fixed schedule during part of loan
B	Not applicable
Blank	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:

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]

GPM2

2nd mortgage payments rise on fixed schedule part

X	Rise at fixed schedule during part of loan
B	Not applicable
Blank	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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

1st mortgage payments rise on fixed schedule whole

X	Rise at fixed schedule during whole length of loan
B	Not applicable
Blank	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:

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]

GPMW2

2nd mortgage payments rise on fixed schedule whole

X	Rise at fixed schedule during whole length of loan
B	Not applicable
Blank	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

GTCAS2

2nd mortgage refinanced to receive cash

X	Refinanced to receive cash
B	Not applicable
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

GTCASH

1st mortgage refinanced to receive cash

X	Refinanced to receive cash
B	Not applicable
D	Don't Know
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

HEARHS

How first heard about this unit

1	Advertisement (newspaper, booklet of homes available, internet, etc)
2	Broker
3	Sign on property
4	Friend, relative, or acquaintance
5	Other - Specify
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
How did you hear about this housing unit?
Probe: How did you FIRST hear?(if more than one source)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

HEBAL1

Outstandng loan against 1st home equity loan

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Do you now have an outstanding loan borrowed against 1st home equity loan?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

HEBAL2

Outstandng loan against 2nd home equity loan

1	Yes
2	No
B	Not applicable

Long description:
Do you now have an outstanding loan borrowed against the second loan?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

HEBAL3

Outstandng loan against 3rd home equity loan

1	Yes
2	No
B	Not applicable

Long description:
Do you now have an outstanding loan borrowed against the third loan?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
Uncommon, possible that there are no cases in the data.

Conditions not in universe:
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

Outstanding balance on 1st home equity loan

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
What is your current (outstanding) balance on 1st home equity loan?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

HEBAM2

Outstanding balance on 2nd home equity loan

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know
.	Not reported

Long description:
What is your current (outstanding) balance on the second loan?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

HEBAM3

Outstanding balance on 3rd home equity loan

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable

Long description:
What is your current (outstanding) balance on the third loan?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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

Credit limit on 1st home equity loan

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know
R	Refused

Long description:
What is your total credit limit on your 1st home equity loan?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

HECR2

Credit limit on 2nd home equity loan

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know

Long description:
What is your total credit limit on your second home equity loan?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

HECR3

Credit limit on 3rd home equity loan

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable

Long description:
What is your total credit limit on your third home equity loan?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
Uncommon, possible that there are no cases in the data.

Conditions not in universe:
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

Interest rate on 1st 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	Not applicable

Long description:
What is the current interest rate on 1st home equity loan
(Round down to nearest 1/8 percent)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

Conditions not in universe:
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]

HEINF2

Interest rate on 2nd 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	Not applicable

Long description:
What is the current interest rate on the second loan?
(Round down to nearest 1/8 percent)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

Conditions not in universe:
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]

HEINF3

Interest rate on 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	Not applicable

Long description:
What is the current interest rate on the third loan?
(Round down to nearest 1/8 percent)

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

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

Conditions not in universe:
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]

HEINW1

Interest rate on 1st home equity loan - whole #

1:12	1-12% (whole number part)
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
What is the current interest rate on 1st home equity loan
(Round down to nearest 1/8 percent)

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

HEINW2

Interest rate on 2nd home equity loan - whole #

1:12	1-12% (whole number part)
B	Not applicable
D	Don't Know
.	Not reported

Long description:
What is the current interest rate on the second loan?
(Round down to nearest 1/8 percent)

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

HEINW3

Interest rate on 3rd home equity loan - whole #

1:12	1-12% (whole number part)
B	Not applicable

Long description:
What is the current interest rate on the third loan?
(Round down to nearest 1/8 percent)

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Conditions not in universe:
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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

HELCN

Number of home equity lines of credit

B	Not applicable
D	Don't Know
R	Refused

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

HELMP1

1st home equity loan lump sum

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
How much was the lump sum of 1st home equity loan

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Conditions not in universe:
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]

HELMP2

2nd home equity loan lump sum

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know

Long description:
How much was the lump sum on the second loan?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Conditions not in universe:
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]

HELMP3

3rd home equity loan lump sum

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable

Long description:
How much was the lump sum on the third loan?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Conditions not in universe:
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

B	Not applicable

Type:	Numeric
Edit flag variable:	JELUMN
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

HELUMP

Has a lump sum home equity loan

1	Yes
2	No
B	Not applicable

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

HENUM
Number of home equity loans

1:100	1-100 Loans
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
How many home equity loans do you have?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	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

1st home equity loan monthly payment

1:9997	$1-9997
9998	$9998 or more
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
What was your last monthly payment?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

HEPMT2

2nd home equity loan monthly payment

1:9997	$1-9997
9998	$9998 or more
B	Not applicable
D	Don't Know
.	Not reported

Long description:
What was your last monthly payment on the second loan?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

HEPMT3

3rd home equity loan monthly payment

1:9997	$1-9997
9998	$9998 or more
B	Not applicable

Long description:
What was your last monthly payment on the third loan?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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

1st home equity loan type

1	Line of credit
2	Lump sum
B	Not applicable
D	Don't Know
R	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 loan? Is it a line of credit, or lump sum?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Conditions not in universe:
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]

HETYP2

2nd home equity loan type

1	Line of credit
2	Lump sum
B	Not applicable
D	Don't Know
Blank	Not reported

Long description:
What kind of home equity loan is the second loan? Is it a line of credit, or lump sum?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Conditions not in universe:
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]

HETYP3

3rd home equity loan type

1	Line of credit
2	Lump sum
B	Not applicable

Long description:
What kind of home equity loan is the third loan? Is it a line of credit, or lump sum?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N

Conditions not in universe:
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]

IFFEE

Condo/co-op/assoc/mobile home park fee required

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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?

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

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

Funds from 1st home equity loan used for additions/improvemnts

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

IMPRV2

Funds from 2nd home equity loan used for additions/improvemnts

1	Yes
2	No
B	Not applicable
D	Don't Know
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

INCPER

1st mortgage refinanced to increase payment

X	Refinanced to increase payment period
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

INCPR2

2nd mortgage refinanced to increase payment

X	Refinanced to increase payment period
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

INCS

Pay separate rent for land

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [(Assocation 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 Assocation fee required] ; OR

3 : [(URE interview or vacant interview) and (For sale only or Sold, but not yet occupied)] AND [(Refused to disclose if household owns land on which mobile home sits or Don't know if household owns land or Refused to disclose if household owns 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)]

INPMT2

2nd mortgage payment includes insurance

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Besides principal and interest, does the payment include homeowner's insurance?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

INSPMT

1st mortgage payment includes insurance

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Besides principal and interest, does the payment include homeowner's insurance?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

INTF
Interest rate of 1st 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	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
Allocation Matrix:	Matrix I
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

Conditions not in universe:
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]

INTF2

Interest rate of 2nd 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	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:	JINTF2
Allocation Matrix:	Matrix I
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

Conditions not in universe:
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]

INTW
Interest rate of 1st mortgage - whole #

1:20	1-20% (whole number part)
B	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
Allocation Matrix:	Matrix I
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

INTW2
Interest rate of 2nd mortgage - whole #

1:20	1-20% (whole number part)
B	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:	JINTW2
Allocation Matrix:	Matrix I
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

LANDC
Land contract for mortgage

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

LANPMT

Land rent included with mortgage payment

1	Yes
2	No
B	Not applicable
Blank	Not reported

Long description:
Is the land rent included with the mortgage payment?

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

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 [(Assocation 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 Assocation 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]

LOOKHS

Looked at both houses/mobile home & apartments

1	Yes
2	No
3	Looked only at this unit
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Did you look at both houses and apartments?

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

LOOKNS

Looked at other neighborhoods

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
When you were going to move, did you look for a house/appartment in any neighborhood other than this?

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

LOON

% of 1st mortgage due in last payment

1	1-25 percent
2	26-50 percent
3	51-75 percent
4	76-100 percent
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:

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]

LOON2

% of 2nd mortgage due in last payment

1	1-25 percent
2	26-50 percent
3	51-75 percent
4	76-100 percent
B	Not applicable
D	Don't Know

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
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

LOWIN2

2nd mortgage refinanced to get lower interest

X	Refinanced to get lower interest rate
B	Not applicable
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

LOWINT

1st mortgage refinanced to get lower interest

X	Refinanced to get lower interest rate
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

LPRICE

Purchase price of unit and land

1:999997	$1-$999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
What was the price? (EXCLUDE CLOSING COST)
(FOR MOBILE HOMES, EXCLUDE VALUE OF THE LAND)

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
.	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [(Assocation 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 Assocation 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 [(Refused to disclose if household owns land on which mobile home sits or Don't know if household owns land or Refused to disclose if household owns 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

1:999997	$1-$999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know
R	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 Household doesn't own 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

Got 1st mortgage in same year bought unit

1	Yes
2	No
B	Not applicable

Long description:
Did you get the first mortgage the same year you bought your home?

Type:	Character
Edit flag variable:	JATBUY
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

MATBY2

Got 2nd mortgage in same year bought unit

1	Yes
2	No
B	Not applicable

Long description:
Did you get the second mortgage the same year you bought your home?

Type:	Character
Edit flag variable:	JATBY2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

MCNT

Number of regular mortgages

0:6	0-6 regular mortgages
7	7 or more regular mortgages
B	Not applicable
.	Not reported

Type:	Numeric
Edit flag variable:	JMCNT
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

1st mortgage covers business on property

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Does this mortgage cover a business on this property?

Type:	Character
Edit flag variable:	JMCOM
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

MCOM2

2nd mortgage covers business on property

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Does this mortgage cover a business on this property?

Type:	Character
Edit flag variable:	JMCOM2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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

1st mortgage covers farm land

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Does this mortgage cover farm land?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

MFARM2

2nd mortgage covers farm land

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Does this mortgage cover farm land?

Type:	Character
Edit flag variable:	JFARM2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
In 1997, in MORTG module.

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
Module 1999 and earlier:	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	Not applicable
D	Don't Know
R	Refused
.	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 Assocation 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)]

MORTIN
Type of 1st mortgage

1	FHA
2	VA
3	Farmer's Home Administration Mortgage
4	Some other type
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Is the mortgage an FHA, VA, Farmers Home Administration Mortgage, or some other type?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

MORTN2

Type of 2nd mortgage

1	FHA
2	VA
3	Farmer's Home Administration Mortgage
4	Some other type
B	Not applicable
D	Don't Know
R	Refused

Long description:
Is the mortgage an FHA, VA, Farmers Home Administration Mortgage, or some other type?

Type:	Character
Edit flag variable:	JORTN2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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

Type of 1st mortgage

1	Yes
2	No
B	Not applicable
Blank	Not reported

Type:	Character
Edit flag variable:	JRTYP1
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

MRTYP2
Type of 2nd mortgage

1	Yes
2	No
B	Not applicable
Blank	Not reported

Type:	Character
Edit flag variable:	JRTYP2
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

NEWMOR
1st mortgage new or assumed

1	New
2	Assumed
3	Wrap around
B	Not applicable

Long description:
With regard to the first mortgage, did you get a new mortgage or did you assume someone else's mortgage?

Type:	Character
Edit flag variable:	JEWMOR
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

NEWMR2

2nd mortgage new or assumed

1	New
2	Assumed
3	Wrap around
B	Not applicable

Long description:
With regard to the second mortgage, did you get a new mortgage or did you assume someone else's mortgage?

Type:	Character
Edit flag variable:	JEWMR2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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	Not applicable
D	Don't Know

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

OTHPMT

Other charges including in 1st mortgage payment

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Besides principal and interest, does the payment include anything else? (exclude anything already mentioned)

Type:	Character
Edit flag variable:	JTHPMT
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

OTHREF

1st mortgage refinanced for other reason

X	Refinanced for other reason
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

OTPMT2

Other charges including in 2nd mortgage payment

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Besides principal and interest, does the payment include anything else? (exclude anything already mentioned)

Type:	Character
Edit flag variable:	JTPMT2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

OTREF2

2nd mortgage refinanced for other reason

X	Refinanced for other reason
B	Not applicable
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

PERUS1

Percentage of 1st mortgage loan used for additions/improvemnts

0:100	0-100 Percent
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

PERUS2

Percentage of 2nd mortgage loan used for additions/improvemnts

0:100	0-100 Percent
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

PINCO2

2nd mortgage covers other units

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Does this mortgage cover other homes or apartments besides this one?

Type:	Character
Edit flag variable:	JINCO2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

PINCOP

1st mortgage covers other units

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Does this mortgage cover other homes or apartments besides this one?

Type:	Character
Edit flag variable:	JINCOP
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

PMAMT2

Amount of mortgage insurance included in 2nd mortgage

1:3999	$1-3,999
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

PMIAMT

Amount of mortgage insurance included in 1st mortgage

1:3999	$1-3,999
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

PMIPMT

1st mortagage payments include private mortgage insurance

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

PMPMT2

2nd mortagage payments include private mortgage insurance

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

PMT

Monthly payment for 1st mortgage

1:9997	$1-9,997
9998	$9,998 or more
B	Not applicable
.	Not reported

Long description:
What is the current monthly payment? (Include as much of PITI as they pay)

Type:	Numeric
Edit flag variable:	JPMT
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

PMT2
Monthly payment for 2nd mortgage

1:9997	$1-9,997
9998	$9,998 or more
B	Not applicable

Long description:
What is the current monthly payment? (Include as much of PITI as they pay)

Type:	Numeric
Edit flag variable:	JPMT2
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

PMT3

Monthly payment for 3rd mortgage

1:9997	$1-9,997
9998	$9,998 or more
B	Not applicable

Long description:
What is your current monthly payment for the third mortgage?

Type:	Numeric
Edit flag variable:	JPMT3
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

PMT4

Monthly payment for all other mortgages

1:9997	$1-9,997
9998	$9,998 or more
B	Not applicable

Long description:
What is your current monthly payment for the other mortgages?

Type:	Numeric
Edit flag variable:	JPMT4
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

PRENT

Amount of rent actually paid

0	None
1:9997	$1-$9,997
B	Not applicable
D	Don't Know
R	Refused
.	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [ ] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [ ] ; 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] ; 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] ; 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] ; 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] ; OR
10 : [Occupied interview and (Rented or occupied without payment)] AND [Government doesn't subsidize rent for unit and] ; 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]

PROJ

Building owned by public housing authority

1	Yes
2	No
B	Not applicable
D	Don't Know
Blank	Not reported

Long description:
Is the building owned by a public housing authority?

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

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] ; 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]

PVALUE

Current value of unit

1:999997	$1-$999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
How much do you think the unit would sell for on today's market?

Type:	Numeric
Edit flag variable:	JPVALU
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 Household doesn't own 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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

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
Module 1999 and earlier:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Notes:
In 1997, in MORTG module. In 1998, in HOUSHLD Module.

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
Module 1999 and earlier:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

Notes:
In 1997, in MORTG module. In 1998, in HOUSHLD Module.

RCNTRL

Rent limited by rent control/stabilization

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [ ] ; 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] ; OR
8 : [Occupied interview and (Rented or occupied without payment)] AND [Respondents were assigned to particular location of public housing and] ; OR
9 : [Occupied interview and (Rented or occupied without payment)] AND [ ] ; 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] ; OR
12 : [Occupied interview and (Rented or occupied without payment)] AND [Received voucher to help pay rent and] ; 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]

REDPA2

Reason for refinancing reduced payment of 2nd

X	Refinanced to reduce payment of 2nd mortgage
B	Not applicable
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

REDPAY

Reason for refinancing reduced payment of 1st

X	Refinanced to reduce payment of 1st mortgage
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

REFI

Mortgage a refinancing of precious mortgage

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Type:	Character
Edit flag variable:	JREFI
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

REFI2

2nd mortgage a refinancing of 1st mortgage

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Type:	Character
Edit flag variable:	JREFI2
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

REGMOR

Number of regular mortgages on unit

0	no mortgages
1:7	1-7 mortgages
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
How many mortgages (or loans) are there now on the unit?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
In 1997, in MORTG module.

RENEW

Income info required for lease renewal

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
As a part of your rental agreement, do you need to answer questions about your income whenever your lease is up for renewal?

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

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 [ ] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [ ] ; 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 [ ] ; 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
Monthly rent

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

Amount of 1st mortgage applies only to unit

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
How much of the amount of 1st mortgage applies just to your home?

Type:	Numeric
Edit flag variable:	JESMOR
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

RESMR2

Amount of 2nd mortgage applies only to unit

1:999997	$1-999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know

Long description:
How much of the amount of 2nd mortgage applies just to your home?

Type:	Numeric
Edit flag variable:	JESMR2
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [ ] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [ ] ; 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] ; OR
7 : [Occupied interview and (Rented or occupied without payment)] AND [Respondents were assigned to particular location of public housing and] ; OR
8 : [Occupied interview and (Rented or occupied without payment)] AND [ ] ; 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] ; OR
11 : [Occupied interview and (Rented or occupied without payment)] AND [Received voucher to help pay rent and] ; 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

Borrowed 1st mortgage from former owner

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Was that the former owner of the home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

SELL2

Borrowed 2nd mortgage from former owner

1	Yes
2	No
B	Not applicable

Long description:
Was that the former owner of the home?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

SUBMOR

Government program provides 1st mortgage

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

SUBMR2

Government program provides 2nd mortgage

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Did you get the second mortgage through a State or local government program that provides lower cost mortgages?

Type:	Character
Edit flag variable:	JUBMR2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

Conditions not in universe:
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]

SUBMR3

Government program provides 3rd mortgage

1	Yes
2	No
B	Not applicable

Long description:
Did you get the third mortgage through a State or local government program that provides lower cost mortgages?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

Conditions not in universe:
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]

SUBMR4

Government program provides 4th & other mort

1	Yes
2	No
B	Not applicable

Long description:
Did you get the other mortgages through a State or local government program that provides lower cost mortgages?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

Conditions not in universe:
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	Not applicable
D	Don't Know
R	Refused

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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

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

Property taxes included in 1st mortgage

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Besides principal and interest, does the payment include property taxes?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

TERM
Term of 1st mortgage

1:40	1-40 years
B	Not applicable

Long description:
This variable was created by the bridge system.
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
Allocation Matrix:	Matrix I
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

TERM2
Term of 2nd mortgage

1:40	1-40 Years
B	Not applicable

Long description:
This variable was created by the bridge system.
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:	JTERM2
Allocation Matrix:	Matrix I
Topcoded:	Yes
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

TXPMT2

Property taxes included in 2nd mortgage

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Besides principal and interest, does the payment include property taxes?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

TXRE

Received real estate property tax rebate

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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]

VALUE

Current market value of unit

1:999997	$1-$999,997
999998	$999,998 or more
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
Current market value of this housing unit.

Type:	Numeric
Edit flag variable:	JVALU
Allocation Matrix:	Matrix E
Topcoded:	Yes
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

1st mortgage changes for other reason

X	Other, specify
B	Not applicable
Blank	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:

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]

VARM2

2nd mortgage changes for other reason

X	Other, specify
B	Not applicable
Blank	Not reported

Long description:
How do they change?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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

1st mortgage payments change

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

VARY2

2nd mortgage payments change

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Are the payments on this loan the same during the whole length of the mortgage?

Type:	Character
Edit flag variable:	JVARY2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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]

YRMOR

Year 1st mortgage obtained

1900:1997	1900-1997
B	Not applicable

Long description:
What year did you get the mortgage?

Type:	Numeric
Edit flag variable:	JYRMOR
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N.

Conditions not in universe:
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]

YRMOR2

Year 2nd mortgage obtained

1900:1997	1900-1997
B	Not applicable

Long description:
What year did you get the mortgage?

Type:	Numeric
Edit flag variable:	JRMOR2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
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	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
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
Not coded directly, but components are topcoded.

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 members, 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.

Notes:

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.

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.

Personal Characteristics

The American Housing Survey has information on each person in each household: age, sex, marital status, relationship to a reference person, race, etc. These can be found in the corresponding variables in the individual person file.

Age: The age classification refers to the age reported as of each person's last birthday.

Race: Household members were asked to self-identify race. The possible choices were:

1) White;
2) Black;
3) American Indian, Aleut, or Eskimo;
4) Asian or Pacific Islander; or
5) Other Race.

Note that these options are not the same as present in the 2000 Census.

Spanish origin: Spanish origin was determined on the basis of a question that asked for self-identification of a person's origin or descent. Note that Spanish origin modifies race, and does not replace it. For example, according to the Census definitions, it is possible to be Black of Spanish origin or White of Spanish origin.

Education level of person: The data refer to the highest grade of regular school completed and not to the highest grade attended. For people still attending school, the highest grade completed is one less than the one in which they are currently enrolled. Regular school refers to formal education obtained in graded public, private, or parochial schools, colleges, universities, or professional schools, whether day or night school, and whether attendance was full or part time. That is, "regular schooling" is formal education, which may advance a person toward an elementary or high school diploma, or college, university, or professional school degree. Schooling or tutoring in other than regular schools is counted only if the credits obtained are regarded as transferable to a school in the regular school system. Reference persons whose highest grade completed was in a foreign school system or in an upgraded school were instructed to report the approximate equivalent grade (or years) in the regular United States school system. They were not reported as having completed a given grade if they dropped out or failed to pass the last grade attended. Education received in the following types of schools is not counted as "Regular schooling": vocational schools, trade schools, and noncredit adult education classes.

Employment: A series of questions about person's employment identifies whether the person worked last week, the number of hours worked and the type of employment (self-employed, work for an employer, etc.). See the Income section for information on earnings from employment.

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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

APPLY

How got to live in public housing

1	Applied to management on own
2	Assigned to specific address
B	Not applicable
D	Don't Know
R	Refused
Blank	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:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [ ] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [ ] ; 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 [ ] ; 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] ; 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] ; 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] ; 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 natuaralization
5	Foreign born, not a US citizen
B	Not applicable
Blank	Not reported

Type:	Character
Edit flag variable:	JITSHP
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
How did you obtain this home? Did you-

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

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 person

1:30	1-30
B	Not applicable

Type:	Numeric
Edit flag variable:	JLINE1
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

FRSTHO

Ever owned home before

1	yes
2	no
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Did you ever owned a home before?

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

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 downpayment] ; 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 beyo
42	Associate degree in college - Occupational/vocational program
43	Associate degree in college - Academic program
44	Bachelors 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)
.	Not reported

Long description:
What is the highest level of school education
this completed or the highest degree person
this received?

Type:	Numeric
Edit flag variable:	JGRAD
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

HERE
Nonrelative is present

If using single file version of AHS, this variable becomes: **HERE1-HERE16**

1	Yes
2	No
B	Not applicable

Long description:
I I a few questions that I would like to ask (a nonrelative).
Is s/home equity here now?

Type:	Character
Edit flag variable:	JHERE
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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)]

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
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

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 natuaralization
5	Foreign born, not a US citizen
B	Not applicable
Blank	Not reported

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

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	1th 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 buisines school beyong high school
42	Associate degree in college - Occupational/vacational program
43	Associate degree in college - Academic program
44	Bachelors degree (For Ex: BA, AB, BS)
45	Master's Degree (For Ex: MA, MS, Meng, Med, MSW, MBA)
46	Prefesional School Degree (For Ex: MD, DDS, DVM, LLB, JD)
47	Doctorate Degree (For Ex: PhD, EdD)
.	Not reported

Type:	Numeric
Edit flag variable:	JHHGRAD
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

HHINUSYR
Year householder came to US

Information for this variable is also stored in: **INUSYR1**

1911:2001	1911-2001
X	Person
.	Not reported
B	Not applicable

Type:	Numeric
Edit flag variable:	JHHNUSYR
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

HHMAR
Marial 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
Blank	Not reported

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

HHNATVTY
Country of birth of householder

Information for this variable is also stored in: **NATVTY1**

57	United Stes
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
312	El Salvador
313	Guatemala
314	Honduras
315	Mexico
316	Nicaragua
337	Cuba
339	Dominican Republic
342	Haiti
343	Jamaica
351	Trinidad and Tabago
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
.	Not reported
B	Not applicable

Type:	Numeric
Edit flag variable:	JHHATVTY
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

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
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

HHRACE

Race of householder

Information for this variable is also stored in: **RACE1**

1	White
2	Black
3	American Indian, Aleut, or Eskimo
4	Asian or Pacific Islander
5	Other Race

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

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	Sibiling (brother/sister) of reference person
26	Other relative of reference person
31	Unmarried partned (with own relatives)
32	Unmarried partned (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 norelative (with own relatives)
38	Other norelative (without own relatives)

Type:	Numeric
Edit flag variable:	JHHREL
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

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
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

HHSPAN
Spanish origin od 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
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in sùrvey year(s):	2001N

HHSPOS
Line number of spouse of householder

Information for this variable is also stored in: **SPOS1**

1:30	1-30
.	Not reported

Type:	Numeric
Edit flag variable:	JHHSPOS
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

HHTEN
Householder is owner/renter of unit

Information for this variable is also stored in: **TEN1**

X	Person owns or rents unit
Blank	Not reported

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

HHWLINEQ
Householder worked at all last week

Information for this variable is also stored in: **WLINEQ1**

1	Yes
2	No
D	Don't Know
R	Refused
Blank	Not reported

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

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**

1911:2001	1911-2001
B	Not applicable
.	Not reported

Type:	Numeric
Edit flag variable:	JNUSYR
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	2001N

LIVEAT
Everyone in household lives or eats together

1	Yes
2	No
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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

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
Blank	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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 Stes
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
312	El Salvador
313	Guatemala
314	Honduras
315	Mexico
316	Nicaragua
337	Cuba
339	Dominican Republic
342	Haiti
343	Jamaica
351	Trinidad and Tabago
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
.	Not reported

Type:	Numeric
Edit flag variable:	JATVTY
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	2001N

NROWNR

Ownership shared w/ person not livng here

1	yes
2	no
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 livng here help pay mort/util

1	yes
2	no
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
.	Not reported

Type:	Numeric
Edit flag variable:	JPAR
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

PER
Number of persons in household

1:30	1-30 persons
B	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

PERSINT
Personal/telephone interview

1	Personal visit
2	Telephone interview

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

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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
In 1998, in PERSON module.

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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
In 1998, in PERSON module.

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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

PREOCC
Received unit as gift or purchased it

1	Gift or inheritance
2	Purchased
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

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

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)]

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**

1	White
2	Black
3	American Indian, Aleut, or Eskimo
4	Asian or Pacific Islander
5	Other Race

Long description:
What is the person's race?

Type:	Character
Edit flag variable:	JRACE
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

RESPTYP
Type of respondent

1:5	1-5
B	Not applicable
D	Don't Know
R	Refused
Blank	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) Other

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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	Not reported

Long description:
This variable was created by the bridge system.
Same household members lived in unit for previous enumeration?

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

SCHNO

Nobody in household attends school

X	Does not attend school
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

SCHOTH

Someone in household attends other type of school

X	Other school (ungraded schools, special schools, preschools, early learning centers,
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

SCHPRI

Someone in household attends private school

X	Private school (K-12)
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

SCHPUB
Someone in household attends public school

X	Public school (K-12)
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

SNITEV
Number of nights owner spends at vac/URE unit

1	0-2 nights
2	3-7 nights
3	8 or more nights
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
.	Not reported

Type:	Numeric
Edit flag variable:	JSPOS
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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**

X	Person owns or rents unit
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WHDY

Number of days worked at home

If using single file version of AHS, this variable becomes: **WHDY1-WHDY16**

0:7 0-7 Days

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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

WHOME

Work at home for employer

If using single file version of AHS, this variable becomes: **WHOME1-WHOME16**

1 Yes
2 No

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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

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:
This variable was created by the bridge system.
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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

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	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

ZADULT

Number of adults 18+ in household

0:10	0-10 adults
11	11 adults or more
B	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
Topcoded but users can also add all of the people in household.

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 fall 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 disables; unemployment insurance benefits; money received for transportation and/or subsistence by people participating in special government training programs, such as the Area Redevelopment Act and the Manpower Development and Training Act; 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: 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. As of the time of publication of this codebook, HUD is researching these errors. The final report will be available on HUD USER when it is complete.

CROPSL
Receive farm income

1	Yes
2	No
B	Not applicable

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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Does that include meals?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 'X'] ; OR
4 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and and SPOUS(L_NO) ne <> and (TEN(SPOUS) eq 'X' or)] ; 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
Module 1999 and earlier:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

HHMORT

Lodger contributes to household for mort/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
Module 1999 and earlier:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

HHOTH

Lodgr 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
Module 1999 and earlier:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

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
Module 1999 and earlier:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

INV20K

Total savings/investments over $25,000

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [NOT occupied interview]

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	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
How much is this amount?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 'X'] ; OR
4 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and and SPOUS(L_NO) ne <> and (TEN(SPOUS) eq 'X' or)] ; 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: **LODSTAT1-LODSTAT16**

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 'X'] ; OR
4 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and and SPOUS(L_NO) ne <> and (TEN(SPOUS) eq 'X' or)] ; 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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Don't Know
R	Refused
Blank	Not reported

Long description:
Is there anyone home now who could provide an estimate of nonrelative lodger's income in the last 12 months?
IF YES: ASK TO SPEAK TO PERSON, INTRODUCE YOURSELF.
USE THE F1 KEY TO RETURN TO NRIPLUS3 AND REASK.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [NOT occupied interview]

QALIM
Received alimony or child support

1	Yes
2	No
B	Not applicable
Blank	Not reported

Long description:
In the past 12 months did-you receive alimony/child support?

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

Conditions not in universe:
1 : [NOT occupied interview]

QBINV
Household has farm or business investments

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Have investments in a farm or business?

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

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [NOT occupied interview]

QDIV
Received dividends from stock

1	Yes
2	No
B	Not applicable
Blank	Not reported

Long description:
In the past 12 months did you have dividends from stocks?

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

Conditions not in universe:
1 : [NOT occupied interview]

QFS1

Received food stamps in last 12 months

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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]

QINT

Received interest from savings, cd, etc

1	Yes
2	No
B	Not applicable
Blank	Not reported

Long description:
In the past 12 months 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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [NOT occupied interview]

QMEN

Any income not already mentioned

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
We want to make sure we've included all income
In the past 2 months, did you have any income not already mentioned?

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

Conditions not in universe:
1 : [NOT occupied interview]

QOINV
Household has other investments

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
have other investments (excluding this home)?

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

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]

QOTHER
Received unemployment/vet payments/other inc

1	Yes
2	No
B	Not applicable
Blank	Not reported

Long description:
In the past 12 months did-you receive unemployment compensation, any veterans's payments not already mentioned or any other income?

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

Conditions not in universe:
1 : [NOT occupied interview]

QRENT
Received rental income

1	Yes
2	No
B	Not applicable
Blank	Not reported

Long description:
In the past 12 months did-you receive rental income?

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

Conditions not in universe:
1 : [NOT occupied interview]

QSAVNG

Household has savings

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
have savings?

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

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]

QSS

Received social security or pension

1	Yes
2	No
B	Not applicable
Blank	Not reported

Long description:
In the past 12 months did you receive Social Security/pensions?

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

Conditions not in universe:
1 : [NOT occupied interview]

QWELF
Received ssi, afdc, other welfare

1	Yes
2	No
B	Not applicable
Blank	Not reported

Long description:
In the past 12 months did you receive SSI/AFDC/other welfare?

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

Conditions not in universe:
1 : [NOT occupied interview]

QWKCMP
Received workers company or other disability

1	Yes
2	No
B	Not applicable
Blank	Not reported

Long description:
In the past 12 months did you receive worker's compensation or other disability payments?

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

Conditions not in universe:
1 : [NOT occupied interview]

RCARP
Receive help w/ transportation expenses

X	Car or transportation expenses (include gas, car payments tolls, public transportation)
Blank	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 -

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N

RCLOT
Receive help with clothing expenses

X	Clothes
Blank	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 -

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N

RCOST

Receive help with rent payments

X	The rent
D	Don't Know
Blank	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 -

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N

REPHA.
Report income to public housng 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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
To whom did you report
your income--

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

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 [ ] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [ ] ; 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] ; OR
7 : [Occupied interview and (Rented or occupied without payment)] AND [ ] ; 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

X	Food or groceries
Blank	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 -

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N

RKIDC
Receive help with child care payments

X	Child care
D	Don't Know
Blank	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 -

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N

RMEDI
Receive help with medical bills

X	Medical care or medicine
D	Don't Know
Blank	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 -

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N

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	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
How often is this amount due?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 'X'] ; OR
4 : [Occupied interview] AND [The person is 16 years or older and Non-Relative and and SPOUS(L_NO) ne <> and (TEN(SPOUS) eq 'X' or)] ; 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

Rcvd other assistance making ends meet

1	Yes
2	No
D	Don't Know
Blank	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
Module 1999 and earlier:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N

RUTIL

Receive help with utility bills

X	Utility bills
Blank	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 -

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	ratiov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N

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	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:	None
Topcoded:	Yes
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	SAL
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [NOT occupied interview] ; OR
2 : [Occupied interview] AND [(Person is not household member or The is 15 years or younger)]

SUBRNT

Government subsidizes rent for unit

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [ ] ; 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 [ ] ; 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] ; 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
Module 1999 and earlier:	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
Module 1999 and earlier:	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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [ ] ; OR
2 : [(URE interview or vacant interview) and ((For rent only or 'for rent or for sale') or (Rented, but not yet occupied))] AND [ ] ; 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] ; OR
7 : [Occupied interview and (Rented or occupied without payment)] AND [ ] ; 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] ; 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] ; 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] ; 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 income

0:999997	$0 - $999,997
999998	$999,998 or more
B	Not applicable

Long description:
In the past 12 months, what was the total income from:

Type:	Numeric
Edit flag variable:	JVOTHR
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 divedents 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)]

ZINC
Family income

-10000	loss of $10,000 or more
-9999:-1	loss of $1-$9,999
0	no income
1:999995	income of $1-$999,995
999996	income of $999,996 or more
B	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:	None
Topcoded:	Yes
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
Bottom-coded as well as top-coded.
In 1999, this question covers people age 16 and older.

ZINC2
Household Income

-10000	loss of $10,000 or more
-9999:-1	loss of $1-$9,999
0	no income
1:999995	income of $1-$999,995
999996	income of $999,996 or more
B	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:	None
Topcoded:	Yes
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
Bottom-coded as well as top-coded.
In 1999, this question covers people age 16 and older.

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	Not applicable
D	Don't Know
R	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
What do you expect your total income to be in the NEXT 12 MONTHS?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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. Starting in 1997, interviewers are asked to complete, by observation, a few questions describing the immediate surroundings of the sample unit. 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.

Some of the questions were asked in a three-part format: Does the problem exist, is it disturbing to you, and does the problem make you want to move? The following questions:

1) Neighborhood crime (CRIMEA, CRIMEB, CRIMEC)
2) Neighborhood smells (ODORA, ODORB, ODORC)
3) Street noise (STRNA, STRNB, STRNC)

The phrase "want to move" in these variables is not intended as a measure of mobility but as a measure of dissatisfaction. Nevertheless, the variables are weakly correlated to mobility.

ACCESSC
Entry system required to access community

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

BADPER
People in neighborhood are bothersome

X	People
B	Not applicable
R	Refused
Blank	Not reported

Long description:
What about the neighborhood bothers you?

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

BADPRP

Undesirable neighborhoodproperty bothersome

X	Undesirable commercial, institutional, or industrial property
B	Not applicable
R	Refused
Blank	Not reported

Long description:
What about the neighborhood bothers you?

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

BADSRV

Poor city/county services are bothersome

X	Poor city/county services
B	Not applicable
R	Refused
Blank	Not reported

Long description:
What about the neighborhood bothers you?

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

COMMRECR
Community recreational facilities available

1	Yes
2	No
B	Not applicable

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

COMMSERV
Community services provided

1	Yes
2	No
B	Not applicable

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

CRIMEA

Neighborhood has neighborhood crime

1	YES
2	NO
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

CRIMEB

Neighborhood crime bothersome

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Does the neighborhood crime bother you?

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

CRIMEC

Crime so bad you want to move

1	Yes
2	No
B	Not applicable
D	Don't Know
R	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

EAPTBL
Apartment buildings within 1/2 block of unit

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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/instituitions within 1/2 block

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

ECOM2

Factories/other industry within 1/2 block

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
How about any factories or other industrial structures?

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

Conditions not in universe:
1 : [Noninterview]

EGREEN
Open spaces within 1/2 block of unit

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

EHIGH

Apartment buildings 7+ stories tall within 1/2 blk

1	Yes
2	No
B	Not applicable
D	Don't Know
R	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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/prprtys in 1/2 blk

1	Major accumulation
2	Minor accumulation
3	None
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

ELOW1
Single-family town/rowhouses in 1/2 blk

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
How about single-family townhouses or rowhouses?

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

Conditions not in universe:
1 : [Noninterview]

ELOW2

Apartment buildings <4 stories tall within 1/2 blk

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Are any less than 4 stories tall?

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

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Are there any mobile homes? (EXCLUDE CAMPERS)

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

Conditions not in universe:
1 : [Noninterview]

EPRKG
Parking lots within 1/2 block of unit

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

EPRKGA

Nearby parking lots useable by anyone

X	Parking lots can be used by anyone
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

ESFD
Single family homes within 1/2 block

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Are there any single-family houses?

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

Conditions not in universe:
1 : [Noninterview]

ETRANS

Railroad/airport/4-lane hwy within 1/2 block

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

EWATER
Bodies of water within 1/2 block of unit

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [Noninterview]

GATED
Walls/fences surrounding community

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

HOWN
Rating of neighborhood as place to live

0	No neighborhood
1:10	Rating (10 is best, 1 is worst)
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
How would you rate your neighorhood on a scale of 1-10?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Conditions not in universe:
1 : [NOT occupied interview]

LITTER
Litter in neighborhood bothersome

X	Litter or housing deterioration
B	Not applicable
R	Refused
Blank	Not reported

Long description:
What about the neighborhood bothers you?

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

NEWTRN

Neighborhood Public transportation satisfactory

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Is there public transportation for this area?

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

NOISE

Noise in neighborhood is bothersome

X	Noise
B	Not applicable
R	Refused
Blank	Not reported

Long description:
What about the neighborhood bothers you?

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

NOISN1

Hear neighbors thru 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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

NOISN2

Loudness of neighbor's noise bothersome

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Is the loudness of the noise bothersome?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

NOISN3
Timing of neighbor's noise bothersome

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Is the time of the noise bothersome?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

NOPROB
Nothing bothersome in neighborhood

X	No problem
B	Not applicable
R	Refused
Blank	Not reported

Long description:
What about the neighborhood bothers you?

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

NORC

Majority of neighbors 55+

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

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

NPROBS

Anything bothersome in neighborhood

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Is there anything about the neighborhood that bothers you?

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

ODORA

Neighborhood has bad smells

1	YES
2	NO
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

ODORB

Neighborhood smells are bothersome

1	Yes
2	No
B	Not applicable
D	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

ODORC

Smells are so bad you want to move

1	Yes
2	No
B	Not applicable
D	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

OTHNHD

Other problems bothersome in neighborhd

X	Other (SPECIFY)
B	Not applicable
R	Refused
Blank	Not reported

Long description:
What about the neighborhood bothers you?

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

SATPOL
Neighborhood police protection satisfactory

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Do you have satisfactory police protection for this area?

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

SCH
Neighborhood public elem. school satisfactory

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

SCHCLS

Neighborhood public elem. school within 1 mile

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

SCHM

Public elem. school so bad you want to move

1	Yes
2	No
B	Not applicable
D	Don't Know

Long description:
Is it so unsatisfactory that you would like to move from the neighborhood?

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

SHARPF

Unit shares plumbing facilities

1	Yes
2	No
B	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

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

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Do you have satisfactory neighborhood shopping, that is, grocery stores or drug stores?

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

SHPCLS
Neighborhood stores within 1 mile

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Are any of these stores within one mile of you?

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

STRNA

Neighborhood has heavy street noise/traffic

1	YES
2	NO
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

STRNB

Neighborhood street noise/traffic bothersome

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

STRNC

Street noise/traffc so bad you want to move

1	Yes
2	No
B	Not applicable
D	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

AFUEL

Type of fuel used for air conditioning

1	Electricity
2	Gas, LP Gas (liquid propane)
3	Other, (Specify)
B	Not applicable

Long description:
What kind of fuel does it use?

Type:	Character
Edit flag variable:	JAFUEL
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Forced warm-air furnace with ducts & vents to individual rooms
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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]

BILLF

Type of billing for other fuels

2	Billed with other utilities
B	Not applicable

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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	Electricity
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	Gas
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
Uncommon result, possible that there are no cases in the data.

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

X	Fuel oil
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	Garbage and trash
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	Water and sewage
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

2	Billed with other utilities
B	Not applicable

Long description:
Was the average monthly cost for gas...

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

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

X	Electricity
B	Not applicable
Blank	Not reported

Long description:
AVERAGE MONTHLY COST FOR GAS IS BILLED WITH --

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

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

X	Fuel oil
B	Not applicable
Blank	Not reported

Long description:
AVERAGE MONTHLY COST FOR GAS IS BILLED WITH --

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

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

X	Other fuel
B	Not applicable
Blank	Not reported

Long description:
AVERAGE MONTHLY COST FOR GAS IS BILLED WITH --

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

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

X	Garbage and trash
B	Not applicable
Blank	Not reported

Long description:
AVERAGE MONTHLY COST FOR GAS IS BILLED WITH --

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

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

X	Water and sewage
B	Not applicable
Blank	Not reported

Long description:
AVERAGE MONTHLY COST FOR GAS IS BILLED WITH --

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

Notes:
Uncommon result, possible that there are no cases in the data.

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

2	Billed with other utilities
B	Not applicable

Long description:
Was the total cost for fuel oil...

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

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

X	Electricity
B	Not applicable
Blank	Not reported

Long description:
AVERAGE MONTHLY COST FOR FUEL OIL IS BILLED WITH --

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

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

X	Other fuel
B	Not applicable
Blank	Not reported

Long description:
AVERAGE MONTHLY COST FOR FUEL OIL IS BILLED WITH --

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

Notes:
Uncommon result, possible that there are no cases in the data.

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

X	Gas
B	Not applicable
Blank	Not reported

Long description:
AVERAGE MONTHLY COST FOR FUEL OIL IS BILLED WITH --

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

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

X	Garbage and trash
B	Not applicable
Blank	Not reported

Long description:
AVERAGE MONTHLY COST FOR FUEL OIL IS BILLED WITH --

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

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

X	Water and sewage
B	Not applicable
Blank	Not reported

Long description:
AVERAGE MONTHLY COST FOR FUEL OIL IS BILLED WITH --

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

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

2	Billed with other utilities
B	Not applicable

Long description:
Was the total cost for garbage and trash collection...

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

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 sewar is within range)] ; OR
5 : [Occupied interview] AND [(Answered if pay for garbage/trash separately)]

BILLTE

Garbage/trash billed with electricity

X	Electricity
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 sewar 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

X	Other fuel
B	Not applicable
Blank	Not reported

Long description:
AVERAGE MONTHLY COST FOR GARBAGE AND TRASH COLLECTION IS BILLED WITH --

Type:	Character
Edit flag variable:	JBILLF
Allocation Matrix:	None.
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
Uncommon result, possible that there are no cases in the data.

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 sewar 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

X	Gas
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 sewar 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

X	Fuel oil
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
Uncommon result, possible that there are no cases in the data.

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 sewar 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

X	Water and sewage
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

2	Billed with other utilities
B	Not applicable

Long description:
Was the total cost for water supply and sewage disposal...

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

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

X	Electricity
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	Other fuel
B	Not applicable
Blank	Not reported

Long description:
AVERAGE MONTHLY COST FOR WATER SUPPLY AND SEWAGE DISPOSAL IS BILLED WITH --

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

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

X	Gas
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	Fuel oil
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
Uncommon result, possible that there are no cases in the data.

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

X	Garbage and trash
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
Do you pay separately for electricity?

Type:	Character
Edit flag variable:	JBUYE2
Allocation Matrix:	Matrix D
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
Do you pay separately for any other fuel?

Type:	Character
Edit flag variable:	BUYF2
Allocation Matrix:	Matrix D
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
Do you pay separately for gas?

Type:	Character
Edit flag variable:	JBUYG2
Allocation Matrix:	Matrix D
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
Do you pay separately for fuel oil?

Type:	Character
Edit flag variable:	JBUYO2
Allocation Matrix:	Matrix D
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	Electric or gas cook stove
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

DELECT

Builtin electric unit-DK if supplemental/parallel

B	Not applicable
D	Don't Know
R	Refused
Blank	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:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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/paralle

B	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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/paralle

B	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
What type of fuel does the dryer use?

Type:	Character
Edit flag variable:	JDFUEL
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
Blank	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:	DHOTH
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
Blank	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:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	BUILT-IN electric units
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Type:	Numeric
Edit flag variable:	JFCOOK
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
What type of fuel does the unvented room heater burning kerosene, gas, or oil use?

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

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused

Long description:
What fuel is used for the fireplace without inserts?

Type:	Numeric
Edit flag variable:	JFFRPL
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

Heating equipment not vented to outside

X	No, UNVENTED
B	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
Is it from underground pipes or bottled gas?

Type:	Character
Edit flag variable:	JASPI2
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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	Not applicable

Long description:
Is the gas from underground pipes or bottled gas?

Type:	Character
Edit flag variable:	JASIP
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Type:	Numeric
Edit flag variable:	JEQUIP
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
What fuel is used MOST for heating this housing unit?

Type:	Character
Edit flag variable:	JHFUEL
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

HOTH

Other equipment used as supplemental heating equip

X	Other, specify
B	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	Electric heat pump
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	No more types of heating equipment
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Unit has parallel use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Unit has parallel use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

Fireplce without inserts is parallel equipment

X	Unit has parallel use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Unit has parallel use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

1	Yes
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

X	Floor, wall or other pipeless furnace built into the structure
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 heaters used as supplemental heating equipment

X	PORTABLE electric heaters?
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Unit has parallel use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Unit has parallel use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Unit has parallel use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Unit has supplemental use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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)]

SCOAL
Supplemental heating equipment uses coal/coke

1	Coal/coke is a fuel used by supplemental heating equipment
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

SCOKST

Cookstove is supplemental heating equip

X	Unit has supplemental use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

Builtin electric units are supplemental heat equipment

X	Unit has supplemental use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Unit has supplemental use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	No, none have inserts
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Yes, some or all with inserts
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Unit has supplemental use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

SPLF

Pipeless furnace is supplemental heating equip

X	Unit has supplemental use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Unit has supplemental use, [insert name of equipment type]
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 equip

X	Unit has supplemental use, [insert name of equipment type]
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

STOVE

Wood stove used as supplemental heating equipment

X	Woodburning, Pot Belly, or Franklin stoves?
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

USEGAS

Household uses gas

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Do you use gas?

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

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)]

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 12 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 are only asked of the reference person.

Notes:

Choice of present home: The respondent was asked to state all reasons for choosing the present house or apartment and then state the main reason the present house or apartment was chosen. The distribution for choice of present home may not add up to 100 percent because the respondent was not limited to one response.

Choice of present neighborhood: The respondent was asked to state all reasons for choosing the present neighborhood and then state the main reason the present neighborhood was chosen. The distribution for choice of present neighborhood may not add up to 100 percent because the respondent was not limited to one response.

Present and previous units: The present unit is the one occupied by the householder or respondent at the time of the interview. The previous unit is the one from which the householder or respondent moved. If the householder or respondent moved more than once during the 12 months prior to the date of the interview, the previous unit is the one from which they last moved.

Previous home owned or rented by someone who moved here: Data are shown for units where anyone in the present household moved within the United States during the past year.

Recent movers' comparison to previous home: This item is based on the respondent's comparison between the present unit and previous unit as to which was better.

Recent movers' comparison to previous neighborhood: This item is based on the respondent's comparison between the present neighborhood and the previous neighborhood as to which was better. The definition of neighborhood is whatever the respondent considers it to be.

Tenure of previous unit: The previous unit was owner occupied if the owner or co-owner lived in the unit. All other previous units were renter occupied.

Structure type of previous residence: These data are based on the respondent's classification.

ALMV
All movers lived in same previous residence

1	Yes
2	No
B	Not applicable

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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

HHMOVE
Year householder moved in

Information for this variable is also stored in: **MOVE1**

1800:2001 1800:2001

Type:	Numeric
Edit flag variable:	JHHMOVE
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

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
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

HHMVG
Recent mover group of householder

Information for this variable is also stored in: **MVG1**

1:4	1-4
B	Not applicable

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

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	Other, specify
B	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

Conditions not in universe:
1 : [(Occupied interview or URE interview or vacant interview or noninterview)] AND [HU is part of a new incoming sample] ; OR
2 : [(Occupied interview or URE interview or vacant interview or noninterview)] AND [NOT different HU as last enumeration]

LISCH
Any changes to apartment in last 2 years

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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**

1800:2001	1800-2001
.X	Person born here
1800:2001	1800:2001

Long description:
When did this person move to this this housing unit?

Type:	Numeric
Edit flag variable:	JMOVE
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

MVCNT1

Number of people in mover group #1

1:30	1-30
B	Not applicable
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

MVCNT2

Number of people in mover group #2

1:30	1-30
B	Not applicable
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

MVCNT3

Number of people in mover group #3

1:30	1-30
B	Not applicable
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

MVG

Recent mover group

1:4	1-4
B	Not applicable

Type:	Character
Edit flag variable:	JMVG
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

NLBSY
Stopped looking at homes - too busy

X	Were too busy to look more?
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

NLHPPY
Stopped looking - happy with this unit

X	Were completely happy with this one?
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

NLMOBL
Stopped looking - had trouble traveling

X	Had trouble traveling to see others (caring for others,
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

NLMOV
Stopped looking - had to move quickly

X	Had to move quickly?
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

NLNLIK

Stopped looking - don't like looking

X	Don't like looking?
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

NLNPR

Stopped looking for no particular reason

X	No particular reason
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

NLOTHR

Stopped looking for some other reason

X	Other - Specify
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

NLUNK

Stopped looking - didn't know of others

X	Didn't know of any others?
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

NUMHS

homes looked at before choosng this one

0:2	
3:99	
B	Not applicable
D	Don't Know
R	Refused
.	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

PMOVM

Month of previous move before this one

1:12	1-12
B	Not applicable
D	Don't Know
R	Refused
.	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

PMOVYR

Year of previous move before this one

1900:1999	1900-1999
B	Not applicable
D	Don't Know
R	Refused
.	Not reported

Long description:
When was the last time you moved before this?
ENTER 4 DIGIT YEAR @PMOVYR

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

RMOV

Mover group number

1:3	1-3
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

TLRMOV
Number of people moved into unit in last 2 years

1:30	1-30
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WHAVL
Liked unit because only one available

X	Only one available
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WHDSN

Liked unit because of room layout/design

X	Room layout/design
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WHEXT

Liked unit because of exterior appearnce

X	Exterior appearance
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WHFIN

Liked unit for financial reasons

X	Financial reasons
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WHKIT

Liked unit because of kitchen

X	Kitchen
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WHOTH

Liked unit for other reasons

X	Other-SPECIFY
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WHQUL

Liked unit because of construction quality

X	Quality of construction
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WHSIZ

Liked unit because of size

X	Size
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
B	Not applicable
.	Not reported

Long description:
What was the MAIN reason you moved?

Type:	Numeric
Edit flag variable:	JHYMOV
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WHYRD

Liked unit because of yard/trees/view

X	Yard/trees/view
B	Not applicable
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WHYTOH

Main reason this unit was chosen

1	Financial reasons
2	Room layout/design
3	Kitchen
4	Size
5	Exterior appearance
6	Yard/trees/view
7	Quality of construction
8	Only one available
9	Other-SPECIFY
0	All reasons equal
B	Not applicable
D	Don't Know

Long description:
What was the MAIN reason you chose this housing unit?

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

WHYTON

Main reason this neighborhood was chosen

1	Convenient to job
2	Convenient to friends or relatives
3	Convenient to leisure activities
4	Convenient to public transportation
5	Good schools
6	Other public services
7	Looks/design of neighborhood
8	House was an important consideration
9	Other
0	All reasons equal
B	Not applicable
D	Don't Know
R	Refused

Long description:
What is the MAIN reason you chose this neighborhood?

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

WMCHEP

Moved here for less expensive rent/maint

X	Wanted lower rent or less expensive house to maintain
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMCHTN

Moved here to own not rent or vice versa

X	Change from owner to renter OR renter to owner
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMCLOS

Moved to be closer to work/school/other

X	To be closer to work/school/other
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMCNDO

Moved because unit was going condo/co-op

1	Yes
2	No
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMDISL

Moved because of disaster loss

X	Disaster loss (fire, flood, etc.)
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMFAML

Moved for other family/personal reasons

X	Other, family/personal related
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMFEMP

Moved for other financial/employment reasons

X	Other, financial/employment related
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMGOVP

Moved because government using land/unit

1	Yes
2	No
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMGOVT

Force to move by government

X	Yes
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Because the government forced you to leave?

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

WMHOUS

Moved for other housing related reasons

X	Other housing related reasons
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMJOBS

Moved for new job or job transfer

X	New job or job transfer
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMLARG

Moved because needed larger unit

X	Needed a larger house or apartment
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMMARR

Moved because of marital status change

X	Married, widowed, divorced, or separated
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMNFIT

Moved because unit was condemned

1	Yes
2	No
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMONHH

Moved to establish own household

X	To establish own household
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMOTHR

Moved for some other reason

X	Other-Specify
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMOWNR

Moved because owner taking over unit

1	Yes
2	No
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMPRIV

Moved cause private comp/person wants unit

X	Yes
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMQUAL

Moved to obtain higher quality unit

X	Wanted a better quality house (apartment)
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WMREPR

Moved because unit closed for repairs

1	Yes
2	No
B	Not applicable
D	Don't Know
Blank	Not reported

Long description:
Because that residence was closed for repairs?

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

WNFUN

Chose neighborhood for close leisure activity

X	Convenient to leisure activities
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WNHOME

Chose neighborhood because of unit

X	House was an important consideration
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WNJOB

Chose neighborhood because close to work

X	Convenient to job
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WNLOOK

Chose neighborhood for its looks/design

X	Looks/design of neighborhood
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WNOTHR

Chose neighborhood for other reasons

X	Other
B	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WNPEPL

Chose neighborhood since cls to friends/family

X	Convenient to friends or relatives
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WNSCH

Chose neighborhood because of good schools

X	Good schools
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WNSRV

Chose neighborhood for other public services

X	Other public services
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

WNTRAN

Chose neighborhood since close to Public trans.

X	Convenient to public transportation
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
R	Refused
Blank	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
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

XCOOP

Previous residence was a cooperative

If using single file version of AHS, this variable becomes: **XCOOP1-XCOOP16**

1	Yes
2	No
B	Not applicable

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
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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
4	Don't know
B	Not applicable
Blank	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
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

XHEAD

Prev unit ownd/rentd by one who mvd here

If using single file version of AHS, this variable becomes: **XHEAD1-XHEAD16**

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

XHRATE
Current unit better/worse than old unit

1	Better
2	Worse
3	About the same
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

XINUS
Previous residence outside united states

If using single file version of AHS, this variable becomes: **XINUS1-XINUS16**

X	Moved from outside the U.S.
Blank	Not reported

Long description:
What city, county, and State did this person live in just before moving here? Enter (X) if Outside U.S.

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

XNRATE

Currnt neighborhood better/worse than old one

1	Better
2	Worse
3	About the same
4	Same neighborhood
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	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
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

XREL
Previous unit owner/rented by relative

If using single file version of AHS, this variable becomes: **XREL1-XREL16**

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Was it owned by a relative?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable

Long description:
Was that home -

Type:	Character
Edit flag variable:	JXTEN
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Was that residence -

Type:	Character
Edit flag variable:	JXUNIT
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	MOVERS/PERSON
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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.
Notes:
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 singe 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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

CARS

Number of cars kept for use by household members

0	None
1:5	1-5, or more
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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**

000:997	0-997 miles
998	998 miles or more

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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

TIMEJ
Length of trip to work

If using single file version of AHS, this variable becomes: **TIMEJ1-TIMEJ16**

001:997	1-997 Minutes
998	998 or more Minutes

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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

TRN

Is the public transportation satisfactory?

1	Yes
2	No
3	Do not use
B	Not applicable
D	Don't Know
R	Refused

Long description:
Is the public transportation satisfactory?

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

TRUCKS

Number of vans or trucks for household use

0	None
1:5	1-5, or more
B	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Does someone use public transportation at least once a week?

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

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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

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
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	JTW/PERSON
Present in survey year(s):	1997N, 1999N, 2001N

Mobile Homes

Mobile homes or trailers are living quarters originally constructed to be towed on their own chassis. These include double wides, expandables, and single wides. Mobile homes placed on permanent foundations or with one or more permanent rooms attached are not counted as mobile homes. 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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
.	Not reported

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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 [(Assocation 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 [Assocation 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
Module 1999 and earlier:	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	Not applicable
D	Don't Know
R	Refused
.	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 Assocation 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
Module 1999 and earlier:	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
Module 1999 and earlier:	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
Module 1999 and earlier:	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
Module 1999 and earlier:	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
Module 1999 and earlier:	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	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	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	Not applicable
D	Don't Know
R	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

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	Not applicable
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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 [(Assocation 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 Assocation 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
2:20	2-20 mobile homes
21	21 or more mobile homes
B	Not applicable
.	Not reported

Long description:
This variable was created by the bridge system.
How many, including this mobile home, are in the group?

Type:	Numeric
Edit flag variable:	JTPARK
Allocation Matrix:	Matrix E
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N

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 BUILT le (&SURVYEAR + 1)] ; 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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
D	Don't Know
R	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; 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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; 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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [Occupied interview] AND [or (RMOVE eq (&SURVYEAR-1) and)] ; OR
5 : [NOT occupied interview]

LDTEST

Unit tested for lead paint

1	Yes, tested
2	No, never tested
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; 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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [NOT occupied interview]

OUTPEL

Outside paint peeling or flaking

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused

Long description:
Is any of this paint peeling or flaking?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; 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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [NOT occupied interview]

PAPHLT

Received pamphlet about lead paint

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [Occupied interview] AND [or (RMOVE eq (&SURVYEAR-1) and)] ; OR
5 : [NOT occupied interview]

PEELAM

Number of other rooms with peeling paint

0:99	0-99 rooms
B	Not applicable
D	Don't Know
R	Refused
.	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
Module 1999 and earlier:	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 BUILT le (&SURVYEAR + 1)] ; 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	Not applicable
D	Don't Know
R	Refused
Blank	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?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	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 BUILT le (&SURVYEAR + 1)] ; 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	Not applicable
D	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
Module 1999 and earlier:	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 smaller than the size of a door] ; OR
4 : [Occupied interview] AND [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; 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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [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 BUILT le (&SURVYEAR + 1)] ; OR
5 : [NOT occupied interview]

TPBPAI

Unit tested for lead paint before purchase

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

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	Not applicable
Blank	Not reported

Long description:
Was space added to this apartment by building an addition or converting nonresiden areas of the building?

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

APTCH

Type of change to apartment

1	Overflow mobile home moved in or moved out
2	Other, specify
B	Not applicable
Blank	Not reported

Long description:
Describe the type of change that occurred.

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

APTCM

Apartment combined with other apartment

1	Yes
2	No
B	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

APTSP

Apartment split into several apartments

1	Yes
2	No
B	Not applicable
D	Don't Know
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

CABNX

Number of cabinets replaced/repaired

1:99	1-99 cabinets
B	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; 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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [NOT occupied interview]

DOORX

Number of doors replaced/repaired

1:99	1-99 doors
B	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [Occupied interview] AND [No doors in the unit have been replaced or repaired] ; OR
5 : [NOT occupied interview]

RAC

Cost of replacements/additions to unit

0:999999	$0-$999,999
B	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

Notes:
RAC is not topcoded directly, but is the sum of the RADs.

RAD
Cost of alteration/repair

If using single file version of AHS, this variable becomes: **RACOST1-RACOST16**

0	$0
1	Cost reported with other work
2:999997	$2-$999,997
999998	$999,998 or more
D	Don't Know
R	Refused
.	Not reported

Long description:
How much dd the entire job cost, including your costs and any amount covered by insurance not counting your time?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	Yes
Module 1999 and earlier:	homimp
Module 2001 and later:	homimp
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

Notes:
Cost for each job is topcoded individually.
The maximum number of upgrades shown in the flat file is 16.
There is a small number (less than .03% of those reponded to the question) of observations where the number of upgrades is greater than 16.
For information on all upgrades please refer to the HOMEIMP file

RAH
Household member performed alteration/repair

If using single file version of AHS, this variable becomes: **RAH1-RAH16**

1	Yes
2	No
D	Don't Know
R	Refused
Blank	Not reported

Long description:
Didsome one in your household do most of the work?

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	homimp
Module 2001 and later:	homimp
Unit of observation:	HOMIMP
Present in survey year(s):	1997N, 1999N, 2001N

RAN
Number of replacements/additions made to unit

0:74	0-74 replacements/additions made to unit
B	Not applicable

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	toppuf
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

RAS

Type of alteration/repair - 1999 version

If using single file version of AHS, this variable becomes: **RAS1-RAS16**

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_Added wall-to-wall carpeting over subflooring
52	52_Added wall-to-wall carpeting over finished floor
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:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	homimp
Module 2001 and later:	homimp
Unit of observation:	HOMEIMP
Present in survey year(s):	1997N, 1999N, 2001N

Notes:
The maximum number of upgrades shown in the flat file is 16.
There is a small number (less than .03% of those reponded to the question) of observations where the number of upgrades is greater than 16.
For information on all upgrades please refer to the HOMEIMP file.

RAW
Alteration/repair is addition/replacement

If using single file version of AHS, this variable becomes: **RAW1-RAW16**

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
Module 1999 and earlier:	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-RAY16**

1994:1997 1994-1997

Long description:
In what year was the work completed?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	homimp
Unit of observation:	HOMEIMP
Present in survey year(s):	1997N

SUBFIX

Household got government loan/grant for alterations

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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	Not applicable
.	Not reported

Long description:
This variable was created by the bridge system.
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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Notes:
Due to error, not collected in 1999.

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	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
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

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/replacd

1:99	1-99 walls or ceilings
B	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; 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	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [NOT occupied interview]

WINREP
Windows repaired or replaced

1	Yes
2	No
B	Not applicable
D	Don't Know
R	Refused
Blank	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
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [NOT occupied interview]

WINX
Number of windows repaired or replaced

1:99	1-99 windows
B	Not applicable

Long description:
How many windows were replaced or repaired?

Type:	Numeric
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	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 [Unit was built during or after 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [Occupied interview] AND [Windows NOT repaired or replaced] ; OR
5 : [NOT occupied interview]

Allocation Variables

Missing Values

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*.
In 1997, the AHS changed the way missing values are coded. Previously, different types of missing values were coded using all 9's and then counting down by one from there. For example, 9999 = Not applicable, 9998 = Not answered, etc. The coding change in 1997 took advantage of special SAS missing value functions. Analogous missing values are also present in ASCII versions of the microdata.

In the SAS data files, the missing values are as follows:

B = Not applicable
D = Don't Know
R = Refused
Blank or . = Not reported

In the ASCII text version of the data, the system of coding missing values is more complicated. When the range of valid values for a particular variable contains two or more digits *or* the largest valid value is greater or equal to 6, then the codes are the following:

-9 = Not applicable
-8 = Refused
-7 = Don't Know
-6 or Blank = Not reported

Otherwise, when the valid values for a variable have only one digit and the largest valid value is less than 6, then the coding for missing variables is:

9 = Not applicable
8 = Refused
7 = Don't Know
6 or Blank = Not reported

This change in the coding of missing values means that programs developed to use previous years of AHS data may need to be revised to run properly and accurately. If programs are not adapted, the program may crash, report errors, or produce erroneous results.

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.

A more complete description of the allocation matrices and the allocation process can be found in the "Allocation Matrices" appendix.

JAFUEL

Edit flag for AFUEL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JAGE

Edit flag for AGE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JAIR

Edit flag for AIR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JALMV

Edit flag for ALMV

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JAMEDU
Edit flag for SAMEDU

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JAMRTZ
Edit flag for AMRTZ

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JAMTE
Edit flag for AMTE

0	No change
1	Changed by hot deck
2	Other edit change
3	Computed by regression
Blank	Not reported

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

JAMTF
Edit flag for AMTF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JAMTG
Edit flag for AMTG

0	No change
1	Changed by hot deck
2	Other edit change
3	Computed by regression
Blank	Not reported

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

JAMTI
Edit flag for AMTI

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JAMTM

Edit flag for AMTM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JAMTM2

Edit flag for AMTM2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JAMTO
Edit flag for AMTO

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JAMTT
Edit flag for AMTT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JAMTW

Edit flag for AMTW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JANPMT

Edit flag for LANPMT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JANVAR
Edit flag for CANVAR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JANVR2
Edit flag for CANVR2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JARAGE

Edit flag for GARAGE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JARSYS

Edit flag for OARSYS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JASPI2

Edit flag for GASPI2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

JASPIP

Edit flag for GASPIP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JATBUY

Edit flag for MATBUY

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JATBY2

Edit flag for MATBY2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JATERS

Edit flag for WATERS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JATVTY

Edit flag for NATVTY

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JAUNDY
Edit flag for LAUNDY

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBANK
Edit flag for BANK

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JBANK2

Edit flag for BANK2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JBATHS

Edit flag for BATHS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBEDX
Edit flag for BEDX

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBIGP
Edit flag for BIGP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBILLF
Edit flag for BILLF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBILLG
Edit flag for BILLG

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBILLO
Edit flag for BILLO

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBILLT
Edit flag for BILLT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBILLW
Edit flag for BILLW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBLON2
Edit flag for BLOON2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JBLOON
Edit flag for BLOON

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JBSINK
Edit flag for BSINK

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUILT
Edit flag for BUILT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUSIN
Edit flag for BUSIN

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

JBUYE
Edit flag for BUYE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUYE2
Edit flag for BUYE2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUYF

Edit flag for BUYF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUYF2

Edit flag for BUYF2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUYG

Edit flag for BUYG

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUYG2

Edit flag for BUYG2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUYI

Edit flag for BUYI

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUYO

Edit flag for BUYO

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUYO2

Edit flag for BUYO2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUYT

Edit flag for BUYT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUYT2
Edit flag for BUYT2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUYW
Edit flag for BUYW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JBUYW2
Edit flag for BUYW2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JCARS
Edit flag for CARS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JCCESS
Edit flag for ACCESS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JCFUEL
Edit flag for CFUEL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JCLIMB

Edit flag for CLIMB

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JCNTRL

Edit flag for RCNTRL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JCONDO
Edit flag for CONDO

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JCOOK
Edit flag for COOK

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDAFUR

Edit flag for DAFUR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDATE

Edit flag for DATE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDCOOK
Edit flag for DCOKST

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDELEC
Edit flag for DELEC

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDENS
Edit flag for DENS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDFLIN
Edit flag for DFLIN

0	No change
1	Changed by hot deck
2	Other edit change

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

JDFLOT

Edit flag for DFLOT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDFPLI

Edit flag for DFRPLI

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDFRPL

Edit flag for DFRPL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDFUEL

Edit flag for DFUEL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDHOTH

Edit flag for DHOTH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDHPMP

Edit flag for DHPMP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDIRAC
Edit flag for ODIRAC

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDISH
Edit flag for DISH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDISPL
Edit flag for DISPL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDISTJ
Edit flag for DISTJ

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

JDPLF

Edit flag for DPLF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDPORH

Edit flag for DFORTH

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

JDRY

Edit flag for DRY

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDSTEA

Edit flag for DSTEAM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JDSTOV
Edit flag for DSTOVE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JEDRMS
Edit flag for BEDRMS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JEELAM
Edit flag for PEELAM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JEGMOR
Edit flag for REGMOR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JELDUS
Edit flag for WELDUS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JELEV
Edit flag for ELEV

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JELLAR
Edit flag for CELLAR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JELUMN
Edit flag for HELUMN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JELUMP
Edit flag for HELUMP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JENURE
Edit flag for TENURE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JEQUIP
Edit flag for HEQUIP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JESMOR
Edit flag for RESMOR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JESMR2

Edit flag for RESMR2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JEVROD

Edit flag for EVROD

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JEWDIS
Edit flag for SEWDIS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JEWDUS
Edit flag for SEWDUS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JEWMOR

Edit flag for NEWMOR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JEWMR2

Edit flag for NEWMR2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JEXCLU
Edit flag for KEXCLU

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFAFUR
Edit flag for FAFUR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFAMRM

Edit flag for FAMRM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFARM2

Edit flag for MFARM2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JFBLOW
Edit flag for IFBLOW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFCOLD
Edit flag for IFCOLD

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFCOOK

Edit flag for FCOKST

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFELEC

Edit flag for FELECT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFFLIN

Edit flag for FFLIN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFFLOT

Edit flag for FFLOT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFFPLI

Edit flag for FFRPLI

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFFRPL

Edit flag for FFRPL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFHOTH

Edit flag for FHOTH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFHPMP

Edit flag for FHPMP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFOTHF

Edit flag for IFOTHF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFPLF

Edit flag for FPLF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFPLWK

Edit flag for FPLWK

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFPORH

Edit flag for FPORTH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFRENT

Edit flag for FRENT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFSTEA

Edit flag for FSTEAM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JFSTOV

Edit flag for FSTOVE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JGRAD

Edit flag for GRAD

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JHALFB

Edit flag for HALFB

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHARAT

Edit flag for SHARAT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHARFR
Edit flag for SHARFR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHARPF
Edit flag for SHARPF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHERE
Edit flag for HERE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JHFUEL
Edit flag for HFUEL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHAGE

Edit flag for HHAGE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHATVTY

Edit flag for HHNATVTY

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHGRAD

Edit flag for HHGRAD

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHITSHP

Edit flag for HHCITSHP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHMAR
Edit flag for HHMAR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHMOVE
Edit flag for HHMOVE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHMOVM

Edit flag for HHMOVM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHMVG

Edit flag for HHMVG

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHNUSYR

Edit flag for HHINUSYR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHRACE

Edit flag for HHRACE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHREL

Edit flag for HHREL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHSEX

Edit flag for HHSEX

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHSPAN

Edit flag for HHSPAN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHHSPOS

Edit flag for HHSPOS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHNGET
Edit flag for WHNGET

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHOLES
Edit flag for HOLES

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHOTFE
Edit flag for MHOTFE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHSTAY
Edit flag for MHSTAY

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHYMOV

Edit flag for WHYMOVE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHYTOH

Edit flag for WHYTOH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JHYTON
Edit flag for WHYTON

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JIFDRY
Edit flag for IFDRY

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JIFFEE

Edit flag for IFFEE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JIFSEW

Edit flag for IFSEW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JIFTLT
Edit flag for IFTLT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILEAK
Edit flag for ILEAK

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLFE

Edit flag for BILLFE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLFG

Edit flag for BILLFG

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLFO

Edit flag for BILLFO

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLFT

Edit flag for BILLFT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLFW

Edit flag for BILLFW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLGE

Edit flag for BILLGE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLGF

Edit flag for BILLGF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLGO

Edit flag for BILLGO

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLGT

Edit flag for BILLGT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLGW

Edit flag for BILLGW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLOE
Edit flag for BILLOE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLOF
Edit flag for BILLOF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLOG

Edit flag for BILLOG

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLOT

Edit flag for BILLOT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLOW
Edit flag for BILLOW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLTE
Edit flag for BILLTE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLTF
Edit flag for BILLTF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLTG
Edit flag for BILLTG

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLTO

Edit flag for BILLTO

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLTW

Edit flag for BILLTW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLWE
Edit flag for BILLWE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLWF
Edit flag for BILLWF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLWG

Edit flag for BILLWG

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLWO

Edit flag for BILLWO

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JILLWT

Edit flag for BILLWT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JIMSHR

Edit flag for TIMSHR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JINCO2

Edit flag for PINCO2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JINCOP

Edit flag for PINCOP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JINCS
Edit flag for INCS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JINING
Edit flag for DINING

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JINTF
Edit flag for INTF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JINTF2
Edit flag for INTF2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JINTW

Edit flag for INTW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JINTW2

Edit flag for INTW2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JIRSYS
Edit flag for AIRSYS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JITSHP
Edit flag for CITSHP

Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JIVING
Edit flag for LIVING

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JKITCH
Edit flag for KITCH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JLEAK
Edit flag for LEAK

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JLINE1
Edit flag for DLINE1

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JLOORS
Edit flag for FLOORS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JLOT
Edit flag for LOT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JLRENT
Edit flag for LRENT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JLT25K
Edit flag for LT25K

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

JM3ROD

Edit flag for M3ROD

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMAMT2

Edit Flag for PMAMT2

0	No change
1	Changed by hot deck
2	Other edit change
.	Not reported
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JMAR
Edit flag for MAR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JMARKT
Edit flag for MARKT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMCHEP

Edit flag for WMCHEP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMCHTN

Edit flag for WMCHTN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMCLOS
Edit flag for WMCLOS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMCNDO
Edit flag for WMCNDO

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMCNT

Edit flag for MCNT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JMCOM

Edit flag for MCOM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JMCOM2

Edit flag for MCOM2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JMDISL

Edit flag for WMDISL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMFAML

Edit flag for WMFAML

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMFARM

Edit flag for MFARM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JMFEMP
Edit flag for WMFEMP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMG
Edit flag for MG

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

Notes:
In 1997, in MORTG module.

JMGOVP
Edit flag for WMGOVP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMGOVT
Edit flag for WMGOVT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMHOUS

Edit flag for WMHOUS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMIAMT

Edit flag for PMIAMT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JMICE

Edit flag for MICE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMIPMT

Edit flag for PMIPMT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JMJOBS

Edit flag for WMJOBS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMLARG

Edit flag for WMLARG

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMMARR

Edit flag for WMMARR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMMORT

Edit flag for AMMORT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JMMRT2

Edit flag for AMMRT2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JMMRT3

Edit flag for AMMRT3

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JMMRT4
Edit flag for AMMRT4

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JMONHH
Edit flag for WMONHH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMOTHR
Edit flag for WMOTHR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMOVAC
Edit flag for MOVAC

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMOVE
Edit flag for MOVE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JMOVM
Edit flag for MOVM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JMOWNR
Edit flag for WMOWNR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMPMT2
Edit flag for PMPMT2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JMPRIV
Edit flag for WMPRIV

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMQUAL
Edit flag for WMQUAL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JMRTZ2

Edit flag for AMRTZ2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JMVG

Edit flag for MVG

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JNFEEQ

Edit flag for CONFEEQ

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA, 1999N

JNHOME

Edit flag for WNHOME

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JNITSF
Edit flag for UNITSF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JNLOOK
Edit flag for WNLOOK

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JNOOTH

Edit flag for NOOTHRM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JNOTHR

Edit flag for WNOTHR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JNPEPL

Edit flag for WNPEPL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JNTRAN

Edit flag for WNTRAN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JNUSYR

Edit flag for INUSYR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JNYCAR

Edit flag for ANYCAR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JNYRUG
Edit flag for ANYRUG

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JOAFUE
Edit flag for OAFUEL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JOILET
Edit flag for TOILET

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JOOMSA
Edit flag for ROOMSA

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1998MSA

JOPERM
Edit flag for MOPERM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JORTIN
Edit flag for MORTINS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JORTN2
Edit flag for MORTN2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JOTHFN
Edit flag for OTHFN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JOTPIP
Edit flag for HOTPIP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JOTSUR
Edit flag for NOTSUR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JOVEN

Edit flag for OVEN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JOVGRP

Edit flag for MOVGRP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JOWIRE
Edit flag for NOWIRE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JPAR
Edit flag for PAR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JPASS
Edit flag for PASS

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

JPLUGS
Edit flag for PLUGS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JPMOVM

Edit flag for PMOVM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

JPMT

Edit flag for PMT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JPMT2
Edit flag for PMT2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JPMT3
Edit flag for PMT3

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JPMT4

Edit flag for PMT4

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JPMVYR

Edit flag for PMOVYR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

JPORCH
Edit flag for PORCH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JPRENT
Edit flag for PRENT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JPROJ
Edit flag for PROJ

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JPVALU
Edit flag for PVALUE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JQALIM

Edit flag for QALIM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JQBUS

Edit flag for QBUS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JQDIV
Edit flag for QDIV

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JQINT
Edit flag for QINT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JQOTHR

Edit flag for QOTHER

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JQRENT

Edit flag for QRENT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JQSS
Edit flag for QSS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JQWELF
Edit flag for QWELF

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JRACE

Edit flag for RACE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JRACKS

Edit flag for CRACKS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JRATS
Edit flag for RATS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JRECRM
Edit flag for RECRM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JREEZE

Edit flag for FREEZE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JREFI

Edit flag for REFI

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JREFI2
Edit flag for REFI2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JREFR
Edit flag for REFR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JREL

Edit flag for REL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JRENEW

Edit flag for RENEW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JRENT
Edit flag for RENT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JREUAD
Edit flag for REUAD

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

JRMOR2

Edit flag for YRMOR2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JROPSL

Edit flag for CROPSL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JRSHOP
Edit flag for DRSHOP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JRSTOC
Edit flag for FRSTOC

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

JRTYP1
Edit flag for MRTYP1

Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JRTYP2
Edit flag for MRTYP2

Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JRUCKS
Edit flag for TRUCKS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JSAL
Edit flag for SAL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JSEGAS
Edit flag for USEGAS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JSEX

Edit flag for SEX

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JSFCHG

Edit flag for USFCHG

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JSFLIN

Edit flag for SFLIN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

JSINK

Edit flag for SINK

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JSPAN
Edit flag for SPAN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JSPORH
Edit flag for SPORTH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

JSPOS

Edit flag for SPOS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	person
Module 2001 and later:	person
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JSTORG

Edit flag for STORG

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

JTBSUN

Edit flag for ATBSUN

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA

JTERM

Edit flag for TERM

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JTERM2

Edit flag for TERM2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JTHPMT

Edit flag for OTHPMT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JTHRUN

Edit flag for OTHRUN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JTIMEJ

Edit flag for TIMEJ

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

JTPARK
Edit flag for TPARK

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JTPMT2
Edit flag for OTPMT2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JTRAN

Edit flag for TRAN

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

JTRASH

Edit flag for TRASH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JTUB
Edit flag for TUB

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JTXRE
Edit flag for TXRE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JTYPE
Edit flag for TYPE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JUBMR2
Edit flag for SUBMR2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	2001N

JUBRNT
Edit flag for SUBRNT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JUBSEW
Edit flag for PUBSEW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JUMAIR

Edit flag for NUMAIR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JUMSEW

Edit flag for NUMSEW

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JUNIT2

Edit flag for NUNIT2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JUNITS

Edit flag for NUNITS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JURNER
Edit flag for BURNER

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JUSPER
Edit flag for BUSPER

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	houshld
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

JVACAN
Edit flag for VACANCY

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JVALU
Edit flag for VALUE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JVARY

Edit flag for VARY

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JVARY2

Edit flag for VARY2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JVCNT1

Edit flag for MVCNT1

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

JVCNT2

Edit flag for MVCNT2

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

JVCNT3

Edit flag for MVCNT3

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	newhouse
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1999N, 2001N

JVEHCL

Edit flag for VEHCL

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

JVOTHR

Edit flag for VOTHER

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWALLX

Edit flag for WALLX

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWASH
Edit flag for WASH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWATER
Edit flag for WATER

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWFUEL
Edit flag for WFUEL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWHAVL
Edit flag for WHAVL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWHDSN
Edit flag for WHDSN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWHDY
Edit flag for WHDY

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

JWHEXT

Edit flag for WHEXT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWHFIN

Edit flag for WHFIN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWHHRB

Edit flag for WHHRB

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

JWHHRW

Edit flag for WHHRW

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

JWHKIT
Edit flag for WHKIT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWHOTH
Edit flag for WHOTH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWHQUL

Edit flag for WHQUL

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWHSIZ

Edit flag for WHSIZ

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWHYRD
Edit flag for WHYRD

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWKCMP
Edit flag for QWKCMP

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWNFUN

Edit flag for WNFUN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWNHER

Edit flag for OWNHERE

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	owner
Module 2001 and later:	owner
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JWNJOB

Edit flag for WNJOB

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWNLOT

Edit flag for OWNLOT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWNSCH
Edit flag for WNSCH

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWNSRV
Edit flag for WNSRV

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JWTIME
Edit flag for WTIME

0	No change
1	Changed by hot deck
2	Other edit change

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	jtw
Module 2001 and later:	jtw
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1999N, 2001N

JXCLUS
Edit flag for EXCLUS

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

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

JXHEAD

Edit flag for XHEAD

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JXPER

Edit flag for XPER

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JXTEN
Edit flag for XTEN

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JXUNIT
Edit flag for XUNIT

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	rmov
Module 2001 and later:	rmov
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

JYRMOR

Edit flag for YRMOR

0	No change
1	Changed by hot deck
2	Other edit change
Blank	Not reported

Type:	Character
Edit flag variable:	None
Allocation Matrix:	None
Topcoded:	No
Module 1999 and earlier:	mortg
Module 2001 and later:	mortg
Unit of observation:	HOUSEHOLD
Present in survey year(s):	1997N, 1998MSA, 1999N, 2001N

Appendix A: Definitions

The definitions are alphabetized by the titles used in summary tables. Some cross references are provided, and if a specific topic is not located, try related topics. The definitions apply to summary tables, and also to the computer files ("microdata"), unless they are marked "not applicable."

Adults and single children under 18 years old. See "Household composition."

Age of householder. The classification refers to the age reported for the householder as of that person's last birthday.

Age of other residential buildings within 300 feet. The respondent was asked to describe the age of other residential buildings within 300 feet of the sample unit. The responses were then classified as: "Older," "Newer," "About the same," or "Very mixed." "Very mixed" indicates that the ages vary. If there are no other residential buildings within 300 feet, "No other residential buildings" is marked.

Amenities. See "Selected amenities."

Amount of savings and investments. These data are collected only for families and primary individuals with total incomes of $25,000 per year or less, to indicate how many have substantial assets in spite of their low incomes. Savings include savings in a bank, other financial institution, or money market account. Other investments include stocks, bonds, rental properties, second homes, real estate, antiques, art, certificates of deposit, IRA or KEOGH accounts, and commodities. Investments exclude the primary residence and its furnishings, and cars.

Annual taxes paid per $1,000 value.

Books. Real estate taxes paid per $1,000 value of the house (and lot, except on mobile homes) are presented. Medians for taxes per $1,000 value are rounded to the nearest dollar.

Microdata. Not applicable, can be calculated from taxes and value.

Bars on windows of buildings. The respondent was asked if any of the buildings within 300 feet of the sample unit have metal bars on the windows. The condition of the windows has no bearing on this item. The windows might be in perfect condition, but the bars might be there to protect against vandalism. Windows that are boarded up or covered with metal sheeting are not included.

Bathrooms. See "Complete bathrooms."

Bedrooms. The number of bedrooms in the housing unit is the count of rooms used mainly for sleeping, even if they also are used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand,

rooms used mainly for other purposes, even though used also for sleeping or designed as bedrooms, such as a living room with a hideaway bed or a den or sewing room, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified by definition as having no bedroom.

Bodies of water within 300 feet. These questions determine the proximity of the respondent's property to bodies of water such as ponds, lakes, rivers, or ocean. Swimming pools and temporary pools of water are not included in this definition. The respondent was also asked if the property is waterfront property and whether the property is on a flood plain.

Building and ground maintenance. Renters were asked their level of satisfaction with the maintenance of the grounds and building in which they live. The responses could be "completely satisfied," "partly satisfied," "dissatisfied," or "landlord not responsible for ground maintenance."

Building neighbor noise. Respondents in multiunit buildings were asked about noise heard through floors, walls, or ceilings of their units. Respondents were also asked about the frequency of noise. The survey also asked the respondents' opinions of the loudness of noise as well as whether it was bothersome or not bothersome.

Buildings. See "Bars on windows of buildings," "Common stairways," "External building conditions," "Year structure built."

Business. See "Income," "Other activities on property," "Rooms."

Cars and trucks available. Included are 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). The total number of vehicles is not published, since cars are counted separately from "trucks or vans." In the books, to obtain a count of all units lacking cars specifically, the lines "no cars, trucks, or vans" and "other households without cars" must be added together.

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. To obtain a count of all units lacking trucks or vans, the lines "no cars, trucks, or vans" and "with cars, no trucks or vans" must be added together.

Except for units falling in the category "no cars, trucks, or vans," all units will fall into two categories. For example, a unit with one car only would fall both in the category "1 car with or without trucks or vans" and "with cars, no trucks or vans."

Census. See "Comparability with Census of Population and Housing data in 1990."

Central cities.

National books and microdata. Since 1985, the National AHS has used the official list of central cities published on June 27, 1983, by the Office of Management and Budget as *OMB Bulletin*

83-20. That list was developed from definitions published January 3, 1980, in the *Federal Register, Volume 45, pages 956-963.* AHS still uses these 1983 boundaries to measure change consistently over time.

Books and microdata. Most metropolitan statistical areas had at least one central city, which was usually its largest city. In addition, any city with at least 250,000 population or at least 100,000 people working within its corporate limits qualified as a central city. Smaller cities were also identified as central cities if they had at least 25,000 population and (1) had at least 75 jobs for each 100 residents who were employed, and (2) 60 percent or fewer of the city's resident workers commuted to jobs outside the city. Finally, in certain smaller metropolitan statistical areas, there were places with between 15,000 and 25,000 population that also qualified as central cities, because they were at least one-third the size of the metropolitan statistical area's largest city and met the two commuting requirements. See also "Places" and "Urban and rural residence."

Change in housing costs. Housing costs include mortgage and rent payment, real estate taxes, insurance, upkeep of place, utilities, homeowner membership fees, land rent, and mobile home park fees. For the householder and those who moved with the householder (from the same place at the same time), comparison is made of the share paid in the previous unit with the share paid in the present residence. The wording in the questionnaire is "their share, if not whole household," so there may be some ambiguity for someone who used to pay 50 percent of $100 and now pays 50 percent of $600, but this is intended to count as increased rent.

Choice of present home and home search. These data are shown for units where the respondent moved during the 12 months prior to the interview. The respondent was asked a three-part question on choice of present home: (1) whether the respondent looked at both houses/mobile homes and apartments; (2) the reasons the respondent chose the present house or apartment; and (3) the main reason the present house or apartment was chosen. The distribution for choice of present home may not add to the total, because the respondent was not limited to one response. See "Reasons for leaving previous unit."

Choice of present neighborhood and neighborhood search. These data are shown for units where the respondent moved during the past year. The respondent was asked a three-part question on choice of present neighborhood: (1) whether the respondent looked for a house/apartment in any other neighborhood; (2) the reasons the respondent chose the present neighborhood; and (3) the main reason the present neighborhood was chosen. The distribution for choice of present neighborhood may not add to the total, because the respondent was not limited to one response.

Common stairways. Common stairways are usually used by the occupants and guests to get to the doors of the unit. They may be either inside the structure or attached to the outside of the building. The statistics on common stairways are presented for multiunit structures with two or more floors and common stairways. The figures reflect the physical condition of the stairway: the presence of loose, broken, or missing steps or stair railings.

Commuting. See "Journey to work" and "Neighborhood conditions and neighborhood services."

Comparability with Census of Population and Housing data in 1990. The concepts and definitions are largely the same for items that appear in the *1990 Census of Population and Housing* with the following main exceptions.

In the AHS, recent movers are householders that moved into their unit during the 12 months prior to the interview. In the 1990 Census of Housing, mover households were those that moved between January 1, 1989, and March 31, 1989, a period of 15 months or less.

In the AHS, units are classified as new construction if the unit was constructed 4 years or less from the date of the interview. In the 1990 census, units are classified as new construction if constructed in 1985 through 1990.

Data on poverty level in the 1990 census do not contain the income of household members unrelated to the householder. In the AHS, data on poverty level include the income of all household members whether or not they are related to the householder (see "Poverty status").

Income data in the AHS are based on income for the 12 months prior to interview for those household members 16 years and older. The 1990 census income data are for calendar year 1989 and for income of household members 15 years and older.

Differences between the AHS data and the 1990 census also may be attributed to the method of data collection (mailed questionnaires in the census, personal and telephone interviews in the AHS); differences in processing procedures and sample designs; the sampling variability associated with the sample data from both the AHS and the census; and the nonsampling errors associated with the survey estimates and the census data.

A variety of data on mortgages and owner-occupied properties are presented in the Residential Finance Survey, a specialized study done as part of the 1990 census. Differences include the fact that the basic unit of tabulation in the AHS is the housing unit, and in Residential Finance publications it is the property. Also, all the data in the AHS are provided by the occupant; in Residential Finance publications, mortgage is reconciled with responses from the lender.

Comparability with Current Construction Reports from the Survey of Construction. The U.S. Census Bureau issues several publications under the series title, *Current Construction Reports*. The data for these reports are primarily from the Survey of Construction.

The major difference with the AHS is that the Survey of Construction shows counts and characteristics of housing units in various stages of construction through completion. The AHS shows only counts and characteristics of completed housing. Additional differences may be attributed to factors such as the sampling variability and nonsampling errors of the data from the two surveys, survey procedures and techniques, and processing procedures.

Complete bathrooms. A housing unit is classified as having a complete bathroom if it has a room or adjoining areas with a flush toilet, bathtub or shower, a sink, and hot and cold piped water. A half bathroom has hot and cold piped water and either a flush toilet or a bathtub or shower, but does not have all the facilities for a complete bathroom.

Conditions of streets. The respondent was asked if any of the streets within 300 feet of the sample unit needed major repairs. Major repairs needed include large potholes, badly crumbling or deteriorating shoulders and roadsides, and deep ruts. Minor repairs include small cracks, shallow holes, or missing minor surfacing.

Condominium and cooperative fee. A condominium fee is charged to the owners of the individual condominium unit on a regular basis. The fee covers any operating and maintenance costs of the common property; for example, halls, lobby, parking areas, laundry room, swimming pool, as well as related administrative costs, such as utilities billed communally and management fees.

A cooperative maintenance fee (also called carrying charge) is a fee charged to the owners of the cooperative on a regular basis. It covers a share of the annual amount paid by the cooperative for real estate taxes, mortgage interest, and operating cost. In the books, medians for condominium fees and cooperative fees are rounded to the nearest dollar.

Consolidated metropolitan statistical areas. A consolidated metropolitan statistical area (CMSA) is made up of at least two primary metropolitan statistical areas. The microdata identify specific CMSAs. See Metropolitan areas.

Construction. See "Comparability with Current Construction Reports from the Survey of Construction" and " Year structure built."

Cooling degree days. See "Heating and cooling degree days."

Cooperatives and condominiums. A cooperative is a type of ownership whereby a group of housing units is owned by a corporation of member-owners. Each individual member is entitled to occupy or rent out an individual housing unit and is a shareholder in the corporation that owns the property, but does not own the unit directly. The corporation may have a mortgage on the whole group of units. The member may have a loan or mortgage to buy his or her shares in the corporation.

A condominium is a type of ownership that enables a person to own an apartment or house directly in a project of similarly owned units. The owner's name is on the deed, and the owner may have a mortgage on the unit occupied. The owner also may hold common or joint ownership in some or all common areas such as grounds, hallways, entrances, and elevators. Cooperative or condominium ownership may apply to various types of structures such as single-family houses, rowhouses, and townhouses, as well as apartment units.

Cost and ownership sharing. This item is restricted to owner-occupied housing units. Shared ownership is two or more names on a deed or title. Shared costs include only payments designated for mortgage or utility costs (not taxes or insurance), whether paid directly to a mortgage or utility company, or to household members. Not living here means that one of the people sharing the ownership or costs is not a household member.

Cost. See "Annual taxes paid per $1,000 value," "Change in housing costs," "Real estate taxes," "Monthly housing costs," "Other housing costs per month," "Mortgages currently on property."

Crime. See Neighborhood crime, a subtopic under: "Neighborhood conditions and neighborhood services."

Crop sales.

National microdata. Data on sales of $1,000 or more of agricultural products during the 12-month period prior to the interview were collected in rural areas.

Metropolitan microdata. Not applicable.

Current income. Upon completion of the detailed income questions, respondents were asked, "Is your total family income THIS MONTH about the same as it was a year ago?" "About the same" was defined as within 10 percent, or just cost of living adjustments. If the respondent answered "no," a second question was asked, "What do you expect your total family income to be in the NEXT 12 MONTHS?"

Current income for families and primary individuals whose most recent month's income was NOT about the same as a year ago is the "total expected family income in the NEXT 12 MONTHS." The majority of respondents answered "about the same," and their current income is therefore defined as the total income of the family and primary individual in the past year.

Current income is not published separately. It is used in the calculation of "Ratio of value to current income," and "Monthly housing costs as percent of current income." It is felt that respondents who recently entered the job market, retired, changed jobs, or moved often had a previous year's income that is too low or high to compare to housing costs.

Current interest rate. This item refers to the annual percentage rate in effect as of the date of the interview, not the rate when the mortgage was made, nor any imminent changes of which the respondent may be aware. In the books, medians for current interest rate are rounded to the nearest tenth of a percent.

Current total loan as percent of value.

Books. This percentage is computed by dividing the outstanding principal amount by the value of the housing unit. Medians for loan as a percent of value are rounded to the nearest tenth of a percent.

Microdata. Not applicable.

Dependent interviewing. Dependent interviewing is the process by which data from surveys conducted in previous years are used instead of, in addition to, or to verify data collected during the current interview. The first use of dependent interviewing in AHS was for the item "Year structure built" in the year 1984.

Description of area within 300 feet. The respondent was asked to describe the area within a half block (defined as within 300 feet) of the sample unit. The categories include: single-family detached houses, single-family attached houses or low-rise (1-3 story) multiunit buildings, mid-

rise (4-6 story) multiunit buildings, high-rise (7-or-more story) multiunit buildings, and mobile homes.
The category "Commercial and institutional; industrial buildings or factories" includes all varieties of nonresidential structures--offices, banks, hospitals, prisons, pumping stations, water treatment plants, factories, parking garages, churches, hotels, restaurants, barns, and junk yards.

"Residential parking lots" exclude driveways of single-family homes and parking garages where parking is on more than one level. "Body of water" refers to categories such as lakes, ponds, streams, reservoirs, and rivers. Swimming pools and temporary pools of water are excluded.

"Open space, park, woods, farm, or ranch" include cemeteries, golf courses, woods, forest preserves, vacant lots, undeveloped land, airport land, ball fields, and school fields.

Down payment. See "Major source of down payment."

Educational attainment. Data on educational attainment are derived from a question that asks, "What is the highest level of school ... completed or the highest degree ... has received?" The question on educational attainment applied only to progress in "regular" schools. Regular schools include public, private, and parochial elementary and high schools (both junior and senior), colleges, universities, professional, vocational, trade, and business schools. Schooling in other than regular schools is counted only if the credits obtained are regarded as transferable in the regular school system.

The category "high school graduate" included people who received either a high school diploma or the equivalent; for example, passed the Test of General Educational Development \[GED\] and did not attend college. The category "Associate degree" includes people whose highest degree is an associate degree in (1) an occupational program that prepares them for a specific occupation, and the course work may or may not be creditable toward a bachelor's degree or (2) an academic program primarily in the arts and sciences, and the course work is transferable to a bachelor's degree. Some examples of professional degrees include medicine, dentistry, pharmacy, and law.

In the books, to obtain the total number of householders who are high school graduates, add 1) high school graduates (includes equivalency), 2) graduates with some college, no degree, 3) with an associate degree, 4) with a bachelor's degree, and 5) with a graduate degree. To obtain the total number of householder graduates with a bachelor's degree, add (1) with a bachelor's degree and (2) with a graduate or professional degree. The microdata have similar information on other household members aged 14 years and older. See also "Neighborhood conditions and neighborhood services."

Elderly.

Books. Data for elderly include all households with householders aged 65 years and older. Note that this definition is narrower than in Department of Housing and Urban Development housing programs, which count as elderly all households where the householder or spouse is 62 or older, or has a disability.

Microdata. Not applicable; data can be classified at any age.

Electric fuses and circuit breakers. These statistics are presented for occupied housing units. The data show whether an electric fuse has blown or circuit breaker has tripped in the home in the 3 months prior to the interview, or while the household was living in the unit if less than 3 months. A blown fuse or tripped breaker switch results in the temporary loss of electricity until the fuse is replaced or the breaker switch reset. Blown fuses inside major pieces of installed equipment (such as some air conditioners) are counted as blown fuses or tripped breaker switches. The item may identify inadequate wiring, but it also happens commonly when people move into houses and are unfamiliar with which items can be turned on at the same time.

Electricity. See "Monthly costs for electricity and gas."

Elevator on floor. Statistics are shown for housing units in structures with two or more floors that have one or more passenger elevators in working condition on the same floor as the sample unit. Elevators used only for freight are excluded.

Equipment. This item refers to selected equipment that is not shared with other households. Refrigerators, burners, ovens and disposals are counted only if they are in working order or the household plans to have them repaired or replaced soon.

Complete kitchen facilities. A housing unit has complete kitchen facilities when it has all of the following: (1) kitchen sink; (2) burners, cook stove, or microwave oven; and (3) refrigerator. These terms are further defined below.

The same criteria are used for occupied and vacant units in determining complete kitchen facilities. In some areas of the country it is common for the occupant to bring a refrigerator. In these cases the vacant unit, lacking a refrigerator, has an incomplete kitchen.

Kitchen sink. Only a sink in the unit or on an enclosed porch is counted, but it does not matter whether it is in the kitchen. However a bathroom sink does not count as a kitchen sink.

Refrigerator. It may or may not have a freezer. Kerosene refrigerators are counted, but not ice boxes.

Microwave oven. Data for microwave ovens were collected only if the respondent did not report having a cooking stove with oven, or burners. Prior to 1997, the data collected included all types of ovens except toaster ovens.

Burners. Data for burners were collected only if the respondent did not report having a cooking stove with oven. Burners built into a stove or counter top are counted, as are burners in a wood-burning stove.

Cooking stove. The cookstove can be mechanical or wood-burning.

Dishwasher. Counter top dishwashers are not counted.

Washing machine. Any kind with a motor is counted.

Clothes dryer. Only clothes dryers with motors are counted, not hand-operated wringers or hand-turned spin dryers.

Disposal in sink. A disposal is a motorized device that grinds waste so it can flow through the waste water pipe.

Trash compactor. Only built-in motorized trash compactors are counted.

Air conditioning. Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers that are not connected to a refrigeration unit. A room air-conditioning unit is an individual air conditioner that is installed in a window or an outside wall and generally intended to cool one room, although it may sometimes be used to cool several rooms. A central system is a central installation that air conditions the entire housing unit or major portions of it. In an apartment building, a central system may cool all apartments in the building; each apartment may have its own central system; or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system.

External building conditions. The external condition of the building that contains the sample unit was determined by direct questions asked of the respondent. The categories were grouped into the following: roof, walls, windows, and foundation.

Roof. A "sagging roof" is a critical defect indicating continuous neglect, or deep or serious damage to the structure. Only roofs with substantial sagging were included. "Missing roofing material" includes rotted, broken, loose or missing shingles, tiles, slate, shake, and tin, caused by extensive damage from fire, storm, or serious neglect. "Hole in roof" occurs when the missing roof materials expose the interior of the unit directly to weather. Holes caused by construction activity were not counted unless the construction had been abandoned.

Walls. "Missing bricks, siding, other outside wall material" applies to the exterior wall (including chimney) of the structure. Those defects may have been caused by storm, fire, flood, extensive neglect, vandalism, and so forth. Materials may include clapboard siding, shingles, boards, brick, concrete, and stucco. The missing materials do not necessarily expose the interior of the unit directly to weather. Missing materials resulting from construction activity were not counted unless construction had been abandoned. "Sloping outside walls" is a critical defect indicating continuous neglect or serious damage to the structure. Only walls with substantial sagging were included.

Windows. "Boarded-up windows" have been sealed off to protect against weather or entry and include windows and/or doors covered by board, brick, metal, or some other material. "Broken windows" indicate several broken or missing window panes. "Bars on windows" are to protect against unlawful entry. The condition of the windows has no bearing on this item. The bars can be vertical, horizontal, or a metal grating. Windows completely covered with metal sheeting are not included in this category.

Foundation crumbling or has open crack or hole. This category includes large cracks, holes, and rotted, loose, or missing foundation material.

Extra unit. Extra units include units classified as usual residence elsewhere (URE), vacant units designated as occasional use, and seasonal units (excluding migratory). A series of four questions was asked concerning these units.

Reasons for extra unit owned. The following designations for the reason the unit was owned:

- Previous usual residence--never sold the unit after moving from the unit into a new permanent residence
- Recreational purposes--used for vacations, weekends, sports, and holidays, but is not anyone's usual residence
- Current investment purposes--kept currently for investment purposes regardless of why it was obtained originally
- Wishes to sell the property but has not been able to yet--the owner is currently attempting to sell the unit but has not been successful yet
- Inherited--received as an inheritance in the settling of an estate
- Some other reason--used if none of the other designations applied

Location of extra unit. Designates how close the unit is to the owner's current residence.

Nights owner spent at extra unit. Indicates how often the extra unit was used by the owner.

Nights owner rented extra unit. Determines how often the extra unit was used by people other than the owner.

Family or primary individual. While any occupant of a housing unit is called a household member, each household includes either (a) a family, which is the householder and all (one or more) other people living in the same household who are related to the householder by blood, marriage, or adoption, or *(b) a primary individual*, which is a householder who lives alone or with nonrelatives only. In any case the household also may include one or more roommates, lodgers, servants, or other people unrelated to the householder. These are considered members of the household but not of the family.

Married couples related to the householder of a family are included in the family and are not considered as separate families unless they reside in separate living quarters. While they are part of the family, they are also usually a subfamily (see Persons other than spouse or children).

By definition, families include the householder and at least one relative, so in the statistics on household composition, families are always included in the various categories of two-or-more-person households. Primary individuals with nonrelatives living with them also are tabulated as two-or-more-person households. Primary individuals living alone are tabulated as one-person households.

The definition of families and primary individuals is significant in that some income items are collected only for the family or primary individual; these are: source of income, current income, food stamps, savings and investments. (Source of income and amount of wages are, in fact, only for family members 16 years and older.) For other household members 16 years and older, who are not related to the householder, total income is collected for each person, but sources and current changes in income are not identified, and their income is not included in

comparisons with monthly housing costs or value. The distinction is meant to approximate whose income may be available for housing and other shared living expenses. However it is imperfect in the case of roommates who share more or less equally. See also "Household composition."

Farm. See "Crop sales."

First-time owners. If neither the owner or any co-owner have ever owned or co-owned another home as a usual residence then the housing unit was reported as the first home ever owned. Previous homes purchased solely as vacation homes or homes purchased for commercial rental purposes are not considered usual residences. However, if a previously owned home was originally purchased as a usual residence and later used as a vacation home or for commercial or rental purposes, the owner is not a first-time owner.

Flush toilet and flush toilet breakdowns. A privy or chemical toilet is not considered a flush toilet. Flush toilets outside the unit were not counted. The statistics on breakdowns of flush toilet are shown for housing units with at least one flush toilet for the household's use only. The flush toilet may be completely unusable because of a faulty flushing mechanism, broken pipes, stopped up sewer pipe, lack of water supplied to the flush toilet, or some other reason. For households with more than one toilet, the question asked about times when all toilets were unusable.

Food stamps. These data are restricted to families and primary individuals with total incomes of $25,000 per year or less. Housing units are counted in these data if the householder or any relative currently living in the unit received food stamps in the past year, even at another address. Food stamps are government issued coupons that can be used to purchase food. The food stamp program is a joint federal-state program that is administered by the U.S. Department of Agriculture, state and local governments.

Foundation. This item is restricted to one-unit buildings and excludes mobile homes. A structure has a basement if there is enclosed space at least partially underground in which a person can walk upright under all or part of the building. The basement is under all the building if it is under the entire main structure, excluding garages, carports, and porches. Crawl space is space between the ground and the first floor of the house, but it is not high enough for a person to walk upright. A house is built on a concrete slab if it is built on concrete that has been poured on the ground. The "other" category refers to a house built on stilts or pilings (for example, beach houses), boats, and motor homes.

Fuels. Electricity may be supplied by above- or underground electric power lines or generated at the housing unit. Piped gas is gas piped through underground pipes from a central system to serve the neighborhood. Bottled gas is pressurized gas stored in tanks or bottles that are filled or exchanged when empty. Fuel oil is heating oil normally supplied by truck to a storage tank for use by the heating system. Kerosene or other liquid fuel includes kerosene, gasoline, alcohol, and other similar combustible liquids. Coal or coke is usually delivered by truck. Wood refers to the use of wood or wood charcoal as a fuel. Solar energy refers to the use of energy available from sunlight as a heating fuel source. Other includes briquettes made of pitch and sawdust, coal dust, waste material like corncobs, purchased steam, or any other fuel not listed.

Fuels, other house heating. These are the same types of fuels mentioned above but use in addition and/or supplementing the main house heating fuel.

Gas. See "Monthly cost for electricity and gas."

Group quarters. See "Housing units."

Halls. See "Light fixtures in public halls."

Heating and cooling degree days.

National books and microdata. Each degree that the average temperature for a day is below 65 degrees Fahrenheit produces one *heating degree day (HDD).* For example, if the maximum temperature is 70 degrees F and the minimum temperature is 52 degrees F, the average temperature for the day is 61 degrees, resulting in four heating degree days. A day when the average temperature is 65 or more has zero heating degree days.

Each degree that the average temperature for a day is above 65 degrees Fahrenheit produces one *cooling degree day (CDD).* For example, if the maximum temperature is 80 degrees F and the minimum temperature is 62 degrees F, the average temperature for the day is 71 degrees, resulting is six cooling degree days. A day when the average temperature is 65 or less has zero cooling degree days.

The National Oceanic and Atmospheric Administration (NOAA) provided the information on degree days, based on averages for 1951-80. Each sample unit was assigned heating and cooling degree days using average NOAA data for counties.

Metropolitan books and microdata. Not applicable.

Heating equipment. Data are shown for the main heating equipment and other heating equipment used in addition to the main heating equipment. More than one category of "Other heating equipment" could be reported for the same household. Only one type of equipment was reported as the "Main heating equipment."

Warm-air furnace refers to a central system that provides warm air through ducts leading to various rooms.

Steam or hot water system refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. It also includes solar heated hot water that is circulated throughout the home.

Electric heat pump refers to a heating and cooling system that utilizes indoor and outdoor coils, a compressor, and a refrigerant to pump in heat during the winter and pump out heat during the summer. Only heat pumps that are centrally installed with ducts to the rooms are included in this category. Others are included in wall units.

Built-in electric units refer to units permanently installed in floors, walls, ceilings, or baseboards.

Floor, wall, or other built-in hot-air unit without ducts delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed.

Room heater with flue refers to nonportable room heaters in the wall or free standing heaters that burn liquid fuel, and which are connected to a flue, vent, or chimney to remove smoke and fumes.

Room heater without flue refers to any room heater that burns kerosene, gas, or oil, and that does not connect to flue, vent, or chimney.

Portable electric heater refers to heaters that receive current from an electrical wall outlet.

Fireplaces with inserts have a fan-forced air circulation system to force the heat into the room.

Fireplaces without inserts refers to glass door fire screens or fire backs inserted in the back of the fireplace to passively reflect heat.

Cooking stove refers to gas or electric ranges or stoves originally manufactured to cook food.

Stove refers to any range or stove that burns solid fuel including wood burning, pot belly, and Franklin stoves.

Other includes any heating equipment that does not fit the definition for any of the previous definitions.

Heating equipment breakdowns. Statistics are shown for housing units occupied by the householder during the winter prior to the interview and refer only to the main heating equipment. The data are classified by whether the housing unit was uncomfortably cold for 24 hours or more, the number of times equipment breakdowns occurred lasting 6 hours or more, and causes for the breakdowns.

The heating equipment is broken down if it is not providing heat at its normal heating capacity through some fault in the equipment. Utility interruptions occur when there is a cutoff in the gas, electricity, or other fuel supplying the heat. Inadequate heating capacity refers to heating equipment that is providing heat at its normal capacity, but the housing unit is still too cold for the occupants. Inadequate insulation refers to air drafts through window frames, electrical outlets, or walls that are cold. Cost of heating refers to the occupants turning down their thermostat or turning the equipment off altogether to save money. This category includes utilities/fuels that are unavailable due to unpaid bills.

Hispanic. "Hispanic" refers to the origin of the householder, and was determined by asking respondents to identify people living in the unit who were Hispanic or Spanish American. There is no intent to include people of Brazilian or Portuguese ancestry. Hispanic people may be of any race. Most identify themselves as White or Black, as shown in Table 2-1.

Data on Hispanic households shown in the AHS are collected in the 50 states and the District of Columbia and therefore do not include households living in Puerto Rico.

Home equity loan. Households were asked how many home equity loans they have. Home equity loans include both revolving lines of credit and lump sums loans with a fixed repayment schedule. The respondent was not given a definition to distinguish between these and most other mortgages. However reverse annuity mortgages were defined first and excluded. Respondents were asked if each home equity loan was a line of credit or lump sum, the credit limit, current balance, the amount of last payment, and the interest rate.

Homes currently for sale or rent. The data are presented in the book for owner-occupied units, year-round units temporarily occupied by people who have a usual residence elsewhere, and vacant units. The classification of the unit refers to the current action of the owner. The owner may offer the unit *up for rent only*, *up for rent or for sale,* or *for sale only*. In addition, the current owner may have contracted to rent or sell the unit but the transfer has not yet taken place. Finally, the housing unit may be *not on the market* at all.

Household. A household consists of all people who occupy a particular housing unit as their usual residence, or who live there at the time of the interview and have no usual residence elsewhere. The usual residence is the place where the person lives and sleeps most of the time. This place is not necessarily the same as a legal residence, voting residence, or domicile.

Households include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the householder. It includes people temporarily away for reasons such as visiting, traveling in connection with their jobs, attending school, in general hospitals, and in other temporary locations.

By definition, the count of households is the same as the count of occupied housing units.

Householder. The householder is the first household member listed on the questionnaire who is an owner or renter of the sample unit and is aged 18 years or older. An owner is a person whose name is on the deed, mortgage, or contract to purchase. A renter is a person whose name is on the lease; if there is no lease, a renter is a person responsible for paying the rent. If no one meets the full criteria, the age requirement is relaxed before the owner/renter requirement. Where the respondent is one of several unrelated people who all could meet the criteria, the interviewer may list the respondent first, so the respondent will be the householder and can answer the questions that are asked specifically about the householder, such as data on moves and income sources.

Household composition.

Books. The following categories are published in the books.

Married-couple families. Each household in this group includes the householder and spouse, and other people, if any, who are related to the householder and live in the household. If the householder's spouse is not present, but another married couple is present, for example daughter and son-in-law or mother- and father-in-law, the household is not counted here as a married-couple family.

Other male householder. This category includes households with male householders who are widowed, divorced, separated or single, or who are married with wife absent for other reasons.

Other female householder. This category includes households with female householders who are widowed, divorced, separated or single, or who are married with husband absent for other reasons.

No nonrelatives. When this phrase modifies Married-couple households, then households that include householder, spouse, nonrelatives, and other relatives, if any, are included with Other male and Other female householder, rather than with Married-couples, no nonrelatives. The data are published both ways, in the data tables, so readers can see whether their findings are affected by the presence of nonrelatives with married couples.

Single children under 18 years old. This category includes all household members under 18 years, whether related to the householder or not, who are not currently married (that is they have never been married, or are divorced, separated, or widowed). For example, it includes currently unmarried children of lodgers and foster children.

Own never-married children. This category includes any household member under 18 years old, if he or she has never been married, and is a son, daughter, stepchild, or adopted child of the householder. By definition, children of subfamilies are not children of the householder, so they are excluded from this count of own children. The data are published for both this definition of children and the definition above (based on age and current marital status), in different stub items, so readers can see whether the definition of children affects their findings.

Microdata. Not applicable; researchers may calculate these and other categories from the data on each person.

See also "Persons other than spouse or children" and "Family or primary individual."

Household moves and formation.

Books. Data are shown for households that moved into the present unit during the 12 months prior to the date of the interview. The distribution is further classified by (1) whether the household moved together from the same unit, from two or more units, or moved at separate times, and (2) if previous householder(s) moved into the present unit.

The total does not measure net household formation, since it omits deaths, moves to institutions, and moves abroad, and it does not show whether all occupants of the previous unit moved here; some may have stayed there, or moved elsewhere.

The categories do indicate people moving out of units where they were not the householder (divorce or children setting out on their own.), and people moving in with others (marriage, roommates, children moving from one parent to another, or to a grandparent).

Microdata. Not applicable; researchers may calculate these and other categories from the data on each person.

Housing units. A housing unit is a house, apartment, group of rooms, or single room occupied or intended for occupancy as separate living quarters.

Living quarters is a general term that includes both housing units and group quarters. Living quarters include structures intended for residential use (such as a house, apartment building, boarding house, or mobile home). Living quarters also include the following, but only if they are occupied as usual residences: (a) places such as tents, caves, boats, and railroad cars; and (b) structures intended for nonresidential use (such as rooms in a warehouse where a guard lives). Living quarters exclude quarters being used entirely for nonresidential purposes, such as a store, an office, or quarters used for storing business supplies, machinery, or agricultural products.

Separate living quarters are those in which the occupants live and eat separately from any other people in the structure and that have direct access from the outside of the structure or through a common hall, lobby, or vestibule that is used or intended for use by the occupants of more than one unit or by the general public. This means that the hall, lobby, or vestibule is not part of any unit but must be clearly separate from all units in the structure. For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants.

Group quarters. The following types of living quarters are not classified as housing units and are not covered by the AHS interviews (some are in the microdata as Noninterviews):

Institutional group quarters are living quarters occupied by one or more people under care or custody, such as children in an orphanage, people in a nursing home, and prisoners in a penitentiary.

Noninstitutional group quarters do not involve care or custody, and do not have separate living. They include college dormitories, fraternity and sorority houses, nurses' dormitories, and congregate housing for the elderly. In addition, *noninstitutional group quarters* include any living quarters that are occupied by nine or more people unrelated to the householder.

Note that institutional and commercial establishments that have single-family houses or individual apartments with direct access, where staff live and eat separately, such as some residential hotels, and units for college professors, are *housing units.* Military housing for singles is not covered, but housing where civilian family members live is, if it meets the definition of a housing unit.

Hotels. Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; that is, people who consider the hotel as their usual residence or have no usual residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

Rooming houses. If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain

eight or fewer roomers unrelated to the householder, or a person in charge, they are counted as *one housing unit.* Otherwise they are *noninstitutional group quarters.*

New housing units. Units being built are classified as housing units (though they may be vacant), if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Note this stage of construction is earlier than the one used in *Duration of vacancy (see Vacancy, seasonality, and marketing), which measures when construction was completed.*

The occupants of each housing unit may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated people who share living arrangements (up to the limit of eight people unrelated to the householder).

Both occupied and vacant units are counted, except that the following are excluded if they are vacant: (a) tents, caves, boats, railroad cars, and the like; (b) structures intended for nonresidential use; (c) units used for business storage (storage of personal furniture does not disqualify a unit); and (d) units unfit for human habitation (roof, walls, windows, or doors no longer protect the interior from weather, or there is positive evidence such as a sign on the house or block that the unit is to be demolished or is condemned).

Income. The survey covers total money income in the 12 months before the interview. It covers people age 16 and older (age 14 and older before 1999) currently living in the housing unit, even if they lived elsewhere during some of the previous 12 months. The figures represent the amount of income before any deductions such as taxes, Social Security, union dues, bonds, and insurance.

The figures exclude: capital gains; lump sum payments from inheritances or insurance; occasional gifts; other sporadic payments; money borrowed; tax refunds; withdrawal of bank deposits; accrued interest on uncashed savings bonds; payments between household members except wages in a family business; income "in kind" such as free living quarters, housing subsidies, food stamps, or food produced and consumed in the home; and money from the sale of property (unless the recipient was in the business of selling such property). Figures also exclude income of people who have died or moved out of the housing unit, even if they lived in it for part of the previous 12 months.

Most data are from the respondent's replies. For people not related to the householder, the interviewer tries to ask them directly about their income, but if they are not available, the interviewer asks the respondent. Medians for income are rounded to the nearest hundred dollars.

Figures are shown separately for household income and income of families and primary individuals (see definition). Each has its own advantages. Only household income includes the income of lodgers, roommates, employees, and other household members who are not related to the householder.

Wages and salaries include income received for work performed as an employee. It includes wages, salary, piece-rate payments, commissions, tips, cash bonuses, and Armed Forces pay, but not pay that a business owner pays to herself or himself.

Business, farm, or ranch income is received from self-employment in a business, professional practice, partnership, or farm.

Social Security and pensions include pensions, survivors' benefits, and disability payments. This is not intended to include Supplemental Security Income (SSI), which is grouped with welfare, but many respondents confuse SSI and Social Security. Both come from the Social Security Administration. They used to be issued on different colored checks to minimize confusion, but now most payments are sent by electronic deposit.

Interest is money received or credited to a person's account for the use of money. Notes, bonds, deposits in banks, credit unions, savings and loan associations, money market accounts, and certificates of deposit (CDs) are the most common sources of interest.

Stock dividends are payments made by a corporation to its stockholders. These include periodic payments from an estate or trust fund, and dividends paid or credited to those who hold shares in a mutual fund.

Rental income includes the total money received from rental of property, rental from real estate, or from roomers or boarders, less all rental expenses.

Welfare or SSI includes the Supplemental Security Income Program (SSI), which is administered by the Social Security Administration, and replaces most public assistance payments that were previously made by state and local welfare agencies to low income aged, blind, and disabled persons. Welfare includes money received from local or state administered public assistance programs, old-age assistance, aid to families with dependent children (AFDC, ADC), aid to the blind or totally disabled, or other public assistance.

Alimony or child support includes as alimony, money received periodically from a former spouse after a divorce or legal separation. Child support is money received for the support of children not living with their father/mother as the result of a legal separation.

Other includes worker's compensation or other disability payments, unemployment compensation, veteran's payments, total amount that parents receive for the care of foster children in their home, money received from gambling, scholarship and fellowship money received by students for which no service or work was required, military reenlistment bonuses, and any other sources of money income not specified above.

There may be significant differences in the income data between the AHS and other surveys and censuses. For example, the time period for income data in the AHS is the 12 months prior to the interview, while other income data generally refer to the calendar year prior to the date of the interview. Additional differences in the income data may be attributed to how income questions are asked, levels of missing data (usually high on questions about income), whether missing data are estimated or ignored, sampling variability, and nonsampling errors.

Inside (P)MSAs. See "Metropolitan areas."

Insurance. See "Property insurance."

Interest. See "Current interest rate."

Items included in primary mortgage payment. The respondent was asked to indicate which items were included in the monthly mortgage payment besides principal and interest. These items included property taxes, property insurance, and other charges. Other charges may include disability insurance or life insurance.

Journey to work. National books and microdata. The books publish data on householders. The microdata have similar information on all workers.

Workers. Include all people aged 14 years and older who held a job in the United States, any time the week before the interview.

Householders. Householders who worked last week include householders who reported having a job in the United States, any time the week before the interview.

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 taxicabs, ferryboats, surface trains, van service. See also "Neighborhood conditions and neighborhood services."

Travel time from home to work. The total elapsed time in minutes reported to usually get from home to work during the week prior to interview was counted as the travel time to work. The elapsed time included 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 to 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 interview. Respondents were instructed to report travel rounded to the nearest mile.

Departure time to work. Refers to the time (hour and minutes) the respondent left for work. The categories begin with midnight, 12:00 a.m., and progress to 11:59 p.m. Metropolitan books and microdata. Not applicable.

Kitchen. See "Equipment."

Last used as a permanent residence. See "Vacancy, seasonality, and marketing."

Lenders of primary and secondary mortgage. This item is presented for units with two or more mortgages. The data are classified by whether the money was borrowed from a firm (bank

or other organization), the seller of the property, or from another individual. Other organizations consist of mortgage corporations, pension plans, credit unions, and savings and loan associations. *Other individual(s)* includes anyone who was not the most recent owner.

Light fixtures in public halls. These statistics are presented for housing units in two-or-more-unit structures. Data include whether or not there are light fixtures in the public halls and whether or not some, none, or all of the light fixtures are in working order. Light fixtures include wall lights, ceiling lights, or table lamps in the public halls of the building. Public halls are used by the occupants and guests to get to their apartment doors.

Living quarters. See "Housing units."

Location of previous unit. Books show data for units in which the householder moved during the 12 months prior to the interview. Microdata show similar information for moves since the previous interview, or for the past 2 years for units added to the sample.

The data compare metropolitan areas of the previous residence and the residence in the AHS sample, where the interview was conducted. The AHS residence is coded by its 1983 metropolitan area definition (see Metropolitan areas), which may not be the current area definition. Since 1993, coding the previous residence with comparable 1983 boundaries has not been done because of geographic boundary changes. Therefore, this item has been suppressed to avoid spurious changes.

Lodgers. See "Household," "Persons other than spouse or children," "Rent paid by lodgers."

Lot size. Lot size includes all connecting land that is owned or rented with the home. Excluded are two-or-more-unit buildings and two-or-more-unit mobile homes. In the books, median lot size is shown to hundredths of an acre.

Lower cost state and local mortgages. Data are shown for owner occupied units with one or more mortgages. These are loans generally 1 percent to 3 percent below the current mortgage interest rate at the time the loan was made. The loans are managed through state or local governments. Excluded are federally funded programs of the Veterans Administration and Farmers Home Administration.

Major source of down payment. This item refers to the source of the cash used for down payment or outright purchase of the property (house or lot). If more than one source applied, the one providing the largest amount was recorded. Sale of previous home was reported only if the previous home was sold during the 12-months preceding the acquisition of the present home. Savings, or cash on hand, includes money drawn as bank deposits, credit unions, share accounts, saving bonds, certificates of deposits (CDs), money market funds, and IRA or KEOGH accounts. Sale of other investment includes the sale of other real property or real estate other than the previous home or from the sale of other investments such as stocks, bonds, mutual funds, dissolved business ventures. Borrowing other than a mortgage on this property was reported if the present owner borrowed the down payment, even if the property was mortgaged.

Money received as a gift regardless of the source was categorized *inheritance or gift.* Land where building built used for financing means the land on which the structure was built was used as the present owner's equity in the property. Sources of down payment that do not fit any of the above categories were recorded in the *other* category.

Manager. See "Owner or manager on property."

Medians.

Books. We estimate each median from the printed distribution. For example if there are 12 million homes of a particular type, the median is the 6 millionth, or halfway point of these homes. Therefore, if 5 million homes are below $400 rent, then the median is the millionth home above $400. Finally, if the next interval printed in the book (from $400 to $449), has 3 million homes, the median is assumed to be one-third of the way through the interval (at $417).

This technique overestimates medians by a few percent, because most homes cluster at the bottom of their intervals. The clustering happens because landlords ask for rent in round numbers, like $400, and people give answers in round numbers, like $20,000 income, or 40 years old.

We do not show the median at all if the distribution is estimated to have fewer than 25 sample cases (50,000 homes in the national books).

Microdata. Not applicable; no medians are shown in the public use file.

Median monthly housing costs for owners.

Books. In addition to the median for "Monthly housing costs," this item gives two additional medians for *owner-occupied units.* The first median includes maintenance costs in addition to those items included in "Monthly housing costs." The second median excludes second and subsequent mortgages, installment loans or contracts, and maintenance costs, but includes all remaining items listed in "Monthly housing costs." Because neither of these medians includes costs for renter-occupied units, they are not comparable to the median presented in "Monthly housing costs," except in the "Owners column" and the "Owners" chapter.

Microdata. Not applicable.

Metropolitan areas. Metropolitan areas are made up of whole counties (towns in New England) that have significant levels of commuting and contiguous urban areas in common. They may cross state lines, and usually include large amounts of rural land and farm land, provided the county or town as a whole qualifies. See also Central cities; Places; and Urban, which is based on much higher population density than metropolitan areas.

National books and microdata. Since 1985 the National AHS has used the official list of metropolitan areas published on June 27, 1983, by the Office of Management and Budget as OMB Bulletin 83-20. That list was developed from definitions published January 3, 1980, in the *Federal Register, Volume 45, pages 956-963.* AHS still uses these 1983 boundaries in order to measure change consistently over time.

National microdata identify parts of many metropolitan areas. The sample size is usually too small for analysis, but researchers may group the areas, for example, by growth rate, turnover rate, and size, to have enough cases in each group to analyze. For six broad areas, containing a total of 18 metropolitan area codes (shown in *Codebook for the American Housing Survey, Volume 2 or 3)*, the sample sizes have been augmented to permit analysis: Chicago, Detroit, Los Angeles, New York, Northern New Jersey, and Philadelphia. Elsewhere, metropolitan area codes are shown for (a) central cities of a metropolitan area where they had total 1980 population of 100,000 or more, and (b) urbanized suburbs of a metropolitan area where they had total 1980 population of 100,000 or more. In some areas, only central cities or only suburbs met the cutoff, so only those sample cases show metropolitan codes. Other sample cases show 9999 as their metropolitan code. This suppression for confidentiality does not affect the printed books.

Metropolitan books and microdata. Since 1995 the metropolitan AHS has used HUD definitions of metropolitan areas. These are based on the definitions of the Office of Management and Budget, but some outlying areas are omitted from the HUD definitions. Those counties have enough commuting to meet the OMB definition, but HUD believes they are not part of the same housing market as the rest of the area and need to be omitted for housing analysis. The areas for a given year included in and excluded from each metropolitan area are listed in the front of the books for that year.

Mobile homes. A mobile home is defined as a housing unit that was originally constructed to be towed on its own chassis. 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.

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. See also "Site placement."

Monthly costs paid for electricity and piped gas. Three separate procedures are used to estimate monthly costs of electricity and gas. All respondents are asked if they have records available showing their costs for electricity (or gas) separate from other utilities. If they respond "yes," they are asked the amount of their electric (or gas) bill for the most recent months of January, April, August, and December. These months are the best predictors of annual costs. On average, more than one-third of respondents provide answers for at least 1 of the 4 months.

If the respondent provides data for only 1 month, the first procedure is used. The data for the month are adjusted using regression formulas to estimate yearly costs that are then divided by 12. These formulas are modeled after the results of the Residential Energy Consumption Survey (RECS) sponsored by the United States Department of Energy. These formulas take into account the following characteristics of the unit: electric water heating, natural gas water heating, year built, type of unit, number of rooms, number of bathrooms, number of appliances, and number of household members.

If the respondent provides data for 2, 3, or 4 months, the second procedure is used. As with the first procedure, the monthly data are adjusted using regression formulas, modeled after the results of RECS, to estimate yearly costs that are then divided by 12. Because more than 1 month's worth of real costs are available, it is not necessary to take into account detailed characteristics of the unit as is done in procedure one.

If the respondent answers "no," that he or she does not have separate records for the electricity (or gas), the third procedure is used. The respondent is asked to provide an estimate of the average monthly costs. A factor is then applied that, in effect, lowers these costs to make them consistent with electricity and gas costs in RECS.

Monthly expenses, additional help with.

Books. Not applicable.

Microdata. Additional questions are asked of renters when the ratio of monthly housing costs as percent of current income is high. Rental households receiving housing assistance that report spending more than 35 percent of their income on housing; or rental households not receiving housing assistance with incomes less than $15,000 that report spending more than 50 percent of their income on housing were asked questions on assistance for food, clothing, car payments, tolls, public transportation, child care, medical care or medicine, and utility bills. They were asked to specify the type of help they received.

Monthly housing costs. The data are presented for owner-occupied and renter-occupied housing units as well as vacant-for-rent units.

Monthly housing costs for *owner-occupied units* include the sum of monthly payments for all mortgages or installment loans or contracts, except reverse annuity mortgages and home equity lines of credit. Costs also include real estate taxes (including taxes on mobile homes, and mobile home sites if the site is owned), property insurance, homeowner association fees, cooperative or condominium fees, mobile home park fees, land rent, utilities. Costs do not include maintenance and repairs, but see "Median monthly housing costs for owners."

Monthly housing costs for *renter occupied housing* units include the contract rent, utilities, property insurance, mobile home park fee. Renter housing units occupied without payment of cash rent are shown separately as no cash rent. For rental units subsidized by a housing authority, the federal government, or state or local governments, the monthly rental costs reflect only the portion paid by the household and not the portion subsidized. The figures do not adjust for lost security deposits, or the benefit of free rent offered by some owners.

Monthly housing costs for vacant-for-rent housing units include rent asked, but not utilities or other charges. The category, Depends on income of the occupants, means the rent charged will vary depending on the occupants income, such as in public housing or some military housing.

The term utilities here includes electricity, gas, fuels (oil, coal, kerosene, or wood.), water, sewage disposal, garbage and trash collection, but not telephones or cable television. Utility costs are counted if they are paid by the occupant or by someone else, such as a relative,

welfare agency, or friend. They may be paid separately or included in rent, condominium fee, or mobile home park fee, and the AHS questions take care to avoid double-counting.

Specified owners and renters\-In the books, Table 19 of each chapter presents financial characteristics for these groups, which are comparable to the costs published before 1984. Medians for monthly housing costs are rounded to the nearest dollar.

Monthly housing costs as percent of current income.

Books. The yearly housing costs (monthly housing costs multiplied by 12) are expressed as a percentage of the total Current income (see definition). The percentage was computed separately for each unit and rounded to the nearest percent, so 25 to 29 percent means 24.5 to 29.49 percent. The percentage was not computed for units where occupants reported no income, a net loss, or no cash rent. The category 100 percent or more counts units with housing costs exceeding income. This situation may mean inaccurate income or housing costs data, or true but temporary situations. For most purposes, readers may wish to treat this line as missing or unreliable data.

Microdata. Not applicable; may be calculated as needed.

Monthly payment for principal and interest. The data present the monthly dollar amount paid on the mortgage for principal and interest only. They do not include that portion of the monthly payment used for property taxes, homeowner insurance, and/or other charges. In the books, medians for monthly payment for principal and for interest are rounded to the nearest dollar.

Mortgage origination. Data are shown for owner-occupied units with one or more mortgages. For units that placed new mortgages, data are classified by the date the new mortgage was obtained in relation to the date the property was acquired. An assumed mortgage indicates that the current owner assumed the previous owner's when the property was acquired and has not been refinanced. A wrap-around mortgage is a mortgage with a face value that encompasses the unpaid balance of the first mortgage(s), plus the amount of any new funds extended by the wrap-around lender. Combination of the above means that there was more than one method of origination for the outstanding mortgages on the property.

Mortgages currently on property.

Books. The owner or the owner's spouse was asked the number of mortgages or similar loans (including home equity loans) currently in effect on the home. Data are shown for the number of units with the following mortgage categories: reverse mortgages, regular and home equity, regular only, and home equity only.

A mortgage or similar debt refers to all forms of debt for which the property is pledged as security for payment of the debt. It includes such debt instruments as deeds of trust, trust deeds, mortgage bonds, and vendors' liens. In trust arrangements usually a third party, known as the trustee, holds the title to the property until the debt is paid. In vendors' lien arrangements, the title is kept by the buyer but the seller (vendor) reserves, in the deed to the buyer, a lien on the property to secure payment of the balance of the purchase price. Also included as a mortgage or similar debt are contracts to purchase, land contracts, and lease-purchase

agreements where the title to the property remains with the seller until the agreed upon payments have been made by the buyer.

See also "Current interest rate," "Items included in primary mortgage payment," "Lenders of primary and secondary mortgage," "Lower cost state and local mortgages," "Major source of downpayment," "Monthly payment for principal and interest," "Primary mortgage," "Remaining years mortgaged," "Term of primary mortgage at origination or assumption," "Total outstanding principal amount," "Type of primary mortgage," "Year primary mortgage originated."

Microdata. Not applicable. May be recoded as needed.

Moves. See "Choice of present home and home search," "Household moves and formation," "Location of previous unit," "Persons--previous residence," "Present and previous units," "Reasons for leaving previous unit," "Recent movers comparison to previous home," "Structure type of previous residence," "Tenure of previous unit," "Year householder moved into unit."

Neighborhood conditions and neighborhood services. The statistics are based on the respondent's opinion. He or she may define the neighborhood as any size. Some topics are collected by an open-ended question on what, if anything, bothers the respondent about the neighborhood. Others come from questions about specific topics. The first three, and schools, have followup questions about whether the problem bothers the respondent so much he or she would like to move.

Street noise or heavy street traffic. Street noise refers to noise made by children playing outdoors, noise from a factory or business, or any other sounds that the respondent considers to be street noise. Traffic refers to the amount of vehicular traffic that the respondent considers "heavy."

Neighborhood crime. This category refers to all forms of street and neighborhood crime, such as petty theft, assaults against the person, burglary, or any related activities that the respondent judges to be a crime.

Odors. This category refers to smoke, gas, or bad smells.

Those three specific questions are followed by an open-ended question about what (else) bothers the respondent. The category "People" includes such complaints as unfriendly neighbors, noisy children, other races, or specific neighbors.

Public transportation. The respondent answers (1) if service is available; (2) if service is satisfactory; and (3) if any member of the household uses the service at least once a week.

Shopping. The respondent answers whether grocery stores or drug stores were satisfactory and were within 1 mile of the housing unit.

Police protection. The respondent was asked if police protection was satisfactory.

Elementary schools. The respondent was asked (1) if young children in the household attended public school, private school, preschool, or were schooled at home (does not attend school

before 1999); (2) if the public elementary school was satisfactory; (3) if it was so unsatisfactory the respondent wants to move; and (4) if the public elementary school was within 1 mile of the housing unit. See also Educational attainment.

See also "Bars on windows of buildings," "Conditions of streets," "Description of area within 300 feet," "Educational attainment," "Other buildings vandalized or within interior exposed," "Overall opinion of neighborhood," "Trash, litter, or junk on streets or any properties."

Noninterview.

Books. Not applicable.

Microdata. Noninterview cases are classified as Type A, Type B, or Type C.

Type A noninterviews are units occupied by people eligible for interview who were not interviewed. A noninterview means that valuable information was lost and the sample returns may not be representative of the population. It is very important to keep noninterviews to a minimum. Type A noninterview categories include (1) no one home; (2) temporarily absent; (3) refused; (4) unable to locate; (5) language problems; and (6) other occupied - specify.

Type B noninterviews are units not eligible for interview at present, but who could become eligible for interviews in the future. Type B noninterview categories include (1) permit granted, construction not started; (2) under construction, not ready; (3) permanent or temporary business or commercial storage; (4) unoccupied site for mobile home or tent; (5) other unit or converted to institutional unit; (6) occupancy prohibited; (7) interior exposed to the elements; (8) Type B, not classified.

Type C noninterviews are units ineligible for sample, either because they no longer exist or because of sample reasons. Type C noninterview categories include: (1) demolished or disaster loss; (2) house or mobile home moved; (3) unit eliminated in structural conversion; (4) merged, not in current sample; (5) permit abandoned; (6) Type C not classified elsewhere; and (7) unit eliminated in subsampling.

Number of single children under 18 years old. See "Household composition."

Occupied housing units. A housing unit is classified as occupied if there is at least one person who lives in the unit as a usual resident at the time of the interview, or if the occupants are only temporarily absent, for example, on vacation. However, if the unit is occupied entirely by people with a usual residence elsewhere, the unit is classified as vacant. By definition, the count of occupied housing units is the same as the count of households.

Other activities on property. Data presented exclude rental units. Property consists of one or more tracts of land that the respondent considers to be the same property, farm, ranch, estate. The tracts may be adjoining or they may be separated by a road, creek, or other piece of land. For a condominium, this item refers to the sample unit only.

A medical or dental office is a doctor's or dentist's office regularly visited by patients.

A commercial establishment may be located in the same building as the sample unit, or it may be located elsewhere on the property (such as grocery store, restaurant, gasoline station, and veterinary office). Those housing units that have no recognizable alterations to the outside of the house are not considered as having a commercial establishment. A farm is not classified as a commercial establishment.

Other buildings vandalized or with interior exposed. The respondent was asked if there were any vandalized or abandoned buildings within 300 feet of the sample unit. A unit is counted as vandalized if it has most of the visible windows broken, doors pulled off, has been badly burned, has words or symbols printed on it, has portions of the roof missing, or in some other way has the interior exposed to weather.

Other housing costs per month. A homeowners' association fee (excludes condominium and cooperative fees) is a fee charged for services such as upkeep of common property (painting hallways, cleaning lobbies, mowing lawns, repairing laundry facilities, paving parking areas, and repairing street lights). The fee may include the use and maintenance of either indoor or outdoor swimming facilities or other recreational facilities (party rooms, tennis courts, basketball courts, exercise rooms, and playground areas). Also the homeowner's association fee can include payments for security personnel such as security guards or services such as telephone answering service, maid service, or other domestic help.

Mobile home park fees are regular payments to the park management that could include site rental, utility charges, mail handling, and/or fees for the maintenance of common areas.

Aside from mobile homes (where site rent is covered above in mobile home park fees), in a few areas of the country, occupants may own the unit, but not the land on which it stands. Land rent refers to land that is rented or leased from the land owner, and "ground rent" is paid. These leases are for long periods of time (50-100 years) when originated. The lease obligation transfers with the property and cannot be canceled.

The medians for other housing costs are rounded to the nearest dollar.

Outside (P)MSAs. See Metropolitan areas.

Overall opinion of neighborhood. The data presented are based on the respondent's overall opinion of the neighborhood. The respondent defines neighborhood. The respondent was asked to rate the neighborhood based on a scale from 1 to 10, where 10 is the best and 1 is the worst.

Overall opinion of structure. The data presented are based on the respondent's overall opinion of the house or apartment as a place to live. The respondent was asked to rate the structure based on a scale from 1 to 10, where 10 is the best and 1 is the worst.

Owner or manager on property. These statistics show the number of rental housing units in structures of two or more units with the owner or resident manager living on the property.

Own never-married children under 18 years old. See "Household composition."

Painted surfaces.

National books. Not applicable.

National microdata. This item is restricted to housing units built before 1978 (older homes). Respondents were asked 1) whether they had peeling paint, and 2) whether the peeling paint was inside or outside the house. Respondents also were asked whether any work was done, such as sanding or scraping that would have disturbed painted surfaces, and if they replaced or repaired doors or frames, cabinets or built in shelves, inside walls or ceilings, windows (not counting glass) and outside walls, foundation, doors, and window frames or trim.

Additionally, respondents were asked if they were told before moving in that the paint might contain lead.

Parallel heating equipment. This is additional heating equipment for an area not heated by the main heating equipment.

Payment plans of primary and secondary mortgages. Data are presented separately for primary and secondary mortgages. The term "payment" refers to regular principal and interest payments only, and not to payments for real estate taxes and property insurance. Fixed payment, self amortizing mortgages have payments that do not change during the term of the loan, with the principal payments sufficient to pay off the loan completely within the stated term. Adjustable rate mortgages are mortgages whose interest rates could be changed during the life of the mortgage, changing the amount of the payments required. In adjustable term mortgages the amount of the payments stays constant, but the number of payments required to pay off the loan can change over time as interest rates change. Graduated payment mortgages allow monthly payments to change during the term of the mortgage by means other than a change in interest rate. These mortgages begin with lower payments that rise later in the life of the mortgage. Balloon mortgages are mortgages in which only part or none of the principal is paid off during the term of the loan (which commonly is about 5 years). At the end of the term, the principal is paid off in one lump sum, refinanced with a new loan, or extended by renewal of the loan.

National books and microdata. Not applicable.

Persons. See "Household."

Persons other than spouse or children.

Books. Data are shown for households with the following types of people:

Other relatives of householder. This category counts households that include any person related to the householder by blood, marriage, or adoption, except spouse, son, daughter, stepchild, or adopted child under 18 years old (regardless of marital status).

Single adult offspring 18 to 29. This category counts households with at least one member aged 18-29, if he or she is not currently married (that is, they have never been married or are divorced, separated or widowed), and is a son, daughter, stepchild, or adopted child of the householder. Note this category has the same marital status categories as "Single children

under 18 years old," but the same relationship to householder categories as "Own never-married children." These are defined under "Household Composition."

Single adult offspring 30 years of age or over. This category counts households with at least one member aged 30 or older, if he or she is not currently married (that is, they have never been married or are divorced, separated or widowed), and is a son, daughter, stepchild, or adopted child of the householder.

Households with three generations. For each person whose parent lives in the household, the parent (biological, adoptive, or stepparent) is identified in the questionnaire. Each person who is a child or grandchild of the householder is also identified. These codes keep count of households where the following live in the unit: [nl]one or more sons, daughters, stepchildren or adopted children of the householder or spouse (regardless of marital status or age), and one or more parents of the householder or spouse, or [nl]one or more parents of the householder or spouse, and one or more parents of these parents, or [nl]one or more sons, daughters, stepchildren or adopted children of the householder or spouse (regardless of marital status or age), and one or more of these children's children (grandchildren of the householder or spouse, regardless of marital status or age).

Note that the definition of children is different from those in "Single children under 18 years old," and "Own never-married children." The first does not involve relationship to householder, and neither involve marital status and age. Also note that if a household has more than three generations, it is still counted here. In addition to the three generations, there also may be other relatives in the household.

Subfamily. A subfamily is one of the following groups that do not include the householder or spouse, but are related to the householder and live in the household (1) a married couple (with or without children of any type), or (2) one parent with one or more of his or her own never-married children under 18 years old. A common example of a subfamily is a young married couple sharing the home of the husband's or wife's parents.

Subfamily householder. For subfamilies that include a couple, the husband is defined as the subfamily householder; for other subfamilies the parent is the householder.

Households with other types of relatives. This category counts households with relatives of the householder, other than the spouse, children, three generations, or subfamilies already counted. Therefore, it includes relatives such as uncles, nieces, cousins, or grandchildren present without their parents. A household already counted above may be counted again, as long as it has some additional relatives not counted above.

Nonrelatives. A nonrelative of the householder is any person in the household who is not related to the householder by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards and foster children are included in this category.

Co-owners or co-renters. This category includes households for which the names of two or more unrelated household members are on the deed of ownership, mortgage, land contract, contract to purchase, or similar document, or lease; or, if there is no lease, two or more unrelated household members are responsible for paying the rent.

Lodgers. This category is restricted to members of the household who pay rent to another household member and are age 16 and older, nonrelatives of the householder, not sons, daughters, stepchildren, or adopted children of a co-owner or co-renter, and not a co-owner or co-renter themselves. This item does not use the "lodger" answer on relationship to the householder since it is less carefully defined than the question on lodgers' rent. See also "Household," "Rent paid by lodgers."

Unrelated children under 18 years old. This category counts households with members under 18 years old who are unrelated to the householder and are not co-owners, co-renters, or lodgers, regardless of marital status. Thus it includes foster children and children of lodgers and employees as long as they are under 18.

Other nonrelatives. This category counts households with nonrelatives of the householder who are not in the categories above, so they are not co-owners, co-renters, lodgers, or under 18. For example, it includes employees and housemates who do not pay a regular rent as lodgers. It also may include households with nonrelatives counted in the categories below.

One or more secondary families. A secondary family is a group of two or more people who are related to each other by birth (Parent/child, child less than 18 years old), marriage, or adoption, but who are not related to the householder. The unrelated secondary family may include people such as guests, roomers, boarders, or resident employees and their relatives living in a household.

Two- to eight-person households, none related to each other. None of the household members is related to any other household member. They may be co-owners, co-renters, lodgers, partners, employees, or foster children. The books make no distinction between housemates and unmarried partners, because we do not want the interviewers to probe into private relationships.

Microdata. Not applicable; may be calculated from household relationships.
See also "Household composition."

Persons per room.

Books. Persons per room is computed for each occupied housing unit by dividing the number of people in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of people per room.

Microdata. Not applicable; may be calculated from household size and rooms.

Persons--previous residence. All people are counted who lived at the previous residence at the time of the move, as well as those who usually lived there but were temporarily away. Persons who were staying there at the time of move, but who had a usual residence elsewhere, were not counted.

Physical problems--severe. A unit has severe physical problems if it has any of the following five problems:

Plumbing. Lacking hot or cold piped water or a flush toilet, or lacking both bathtub and shower, all inside the structure (and for the exclusive use of the unit, unless there are two or more full bathrooms).

Heating. Having been uncomfortably cold last winter for 24 hours or more because the heating equipment broke down, and it broke down at least three times last winter for at least 6 hours each time.

Electric. Having no electricity, or all of the following three electric problems: exposed wiring, a room with no working wall outlet, and three blown fuses or tripped circuit breakers in the last 90 days.

Hallways. Having all of the following four problems in public areas: no working light fixtures, loose or missing steps, loose or missing railings, and no working elevator.

Upkeep. Having any five of the following six maintenance problems: (1) water leaks from the outside, such as from the roof, basement, windows, or doors; (2) leaks from inside structure such as pipes or plumbing fixtures; (3) holes in the floors; (4) holes or open cracks in the walls or ceilings; (5) more than 8 inches by 11 inches of peeling paint or broken plaster; or (6) signs of rats in the last 90 days.

Physical problems--moderate. A unit has moderate physical problems if it has any of the following five problems, but none of the severe problems:

Plumbing. On at least three occasions during the last 3 months, all the flush toilets were broken down at the same time for 6 hours or more (see "Flush toilet and flush toilet breakdowns").

Heating. Having unvented gas, oil, or kerosene heaters as the primary heating equipment.

Kitchen. Lacking a kitchen sink, refrigerator, or cooking equipment (stove, burners, or microwave oven) inside the structure for the exclusive use of the unit.

Hallways. Having any three of the four problems listed above.

Upkeep. Having any three or four of the six problems listed above in "upkeep."

See also "Bars on windows of buildings," "Common stairways," "Equipment," "External building conditions," "Flush toilet and flush toilet breakdowns," "Heating equipment and heating equipment breakdowns," "Overall opinion of structure," "Primary source of water and water supply stoppage," "Water leakage during last 12 months," "Selected deficiencies."

Places.

National books. The geographic variable place size, as shown in national reports, shows the current count of housing units in places as defined in the 1980 census.

Microdata and metropolitan books. Not applicable.

See also "Central cities" and "Urban and rural residence."

Plumbing facilities. The category "With all plumbing facilities" consists of housing units that have hot and cold piped water as well as a flush toilet and a bathtub or shower. For units with less than two full bathrooms, the facilities are only counted if they are for the exclusive use of the occupants of the unit. Plumbing facilities need not be in the same room. Lacking some plumbing facilities or having no plumbing facilities for exclusive use means that the housing unit does not have all three specified plumbing facilities (hot and cold piped water, flush toilet, and bathtub or shower) inside the housing unit, or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

See also "Complete bathrooms," "Flush toilet and flush toilet breakdowns," "Sewage disposal and sewage disposal breakdowns."

Population in housing units.

Books. Included are all people living in housing units. Persons living in group quarters are excluded.

Microdata. Not applicable; can be calculated by adding weight times household size, for all occupied units.

Poverty status. The poverty data differ from official poverty estimates in two important respects:

(1) Interest in housing affordability made it appropriate for AHS to adopt a poverty definition based on household income. The official method is based on the income of families, and of individuals living without relatives. (Under the official approach, the poverty status of two unrelated individuals living together would be determined by comparing the income of each individual to the one-person poverty threshold. The result might be that both were in poverty, both were out of poverty, or one was in poverty and one was not. In the AHS books, their poverty status was determined by comparing their combined income to the two-person poverty threshold.) The effect of using household income is to count about 6 percent fewer people in poverty than the official estimate. See "*Technical Paper X, Effect of Using a Poverty Definition Based On Household Income,*" U.S. Department of Health, Education, and Welfare, 1976.

(2) The official poverty estimates are based on the March supplement to the Current Population Survey. Income questions in that survey are very detailed, and measure income received during the previous calendar year. Income questions in the AHS are much less detailed, and measure income received during the 12 months just before the interview. Because interviews were conducted over several months, the AHS income measures do not pertain to a fixed period.

The poverty thresholds are based on the Department of Agriculture's 1961 Economy Food Plan and reflect different consumption requirements by number of adults and children. They consider only money income (see Income), not assets or benefits in kind, such as housing subsidies. The poverty thresholds are updated every year to reflect changes in the Consumer Price Index (CPI).

Note that in the official poverty thresholds, elderly are expected to need less than nonelderly in the one- to two-person groups. Also note that an all-adult household is expected to need less than the same size household where one member is a child, but if additional members are children, costs go down again.

These official poverty thresholds are different from the poverty guidelines published for program purposes by the U.S. Department of Health and Human Services (HHS).

HUD "very low income limits" (the L50 series) for four-person households are 50 percent of median family income for families in each metropolitan area or nonmetropolitan county. The HUD income limits vary among areas, and the average national HUD income limits in 1997 are shown (local details are at www.huduser.org/data/factors.html).

The HUD adjustments for household size in the L50 series are very roughly based on national average differences in housing cost. The HUD limits have smaller adjustments than the official and HHS poverty thresholds, which are based on food cost. Housing cost does not vary as much as food does between small and large households. Academic research suggests even the HUD adjustments may be too large; see van Praag, "The Relativity of the Welfare Concept," in Nussbaum and Sen, *Quality of Life,* Oxford University Press, 1993, page 374, which suggests 6 percent adjustments per person instead of HUD's 10 percent and 8 percent adjustments.

Microdata. Not applicable; may be calculated by comparing current or past income to the thresholds.

Present and previous units. The present unit is the one occupied by the householder or respondent at the time of the interview. The previous unit is the one from which the householder or respondent moved. If the householder or respondent moved more than once during the 12 months prior to the date of the interview, the previous unit is the one from which they last moved.

Previous home owned or rented by someone who moved here.

Books. These data are shown for units where the householder moved within the United States during the past year.

Microdata. Data are shown for units where anyone in the present household moved within the United States during the past year.

Previous occupancy. The statistics presented are restricted to housing units built in 1990 or later. "Previously occupied" indicates that some person or people not now in the household occupied the housing unit prior to the householder or other related household members' occupancy. "Not previously occupied" indicates that either the householder or some other current household member was the first occupant of the housing unit.

Primary metropolitan statistical areas. See "Metropolitan areas."

Primary mortgage. Detailed information on mortgages was collected in the AHS on the first three mortgages reported, even if the unit had four or more mortgages. On the basis of this information, one of the mortgages was considered to be primary. The definition of the primary mortgage may not agree with legal definitions of a "first mortgage," which would be paid first after a foreclosure.

If there is only one mortgage, it is primary. If two or more mortgages exist, the following hierarchy was used (1) Federal Housing Administration (FHA), Veterans Administration (VA), or Farmers Home Administration (FmHA) mortgage; (2) assumed mortgage; (3) mortgage obtained first; (4) largest initial amount borrowed.

Primary source of water and water supply stoppage. A public system or private company refers to any source supplying running water to six or more housing units. The water may be supplied by a city, county, water district, or private water company, or it may be obtained from a well that supplies six or more housing units. An individual well that provides water for five or fewer housing units is further classified by whether it is drilled or dug. Water sources such as springs, cisterns, streams, lakes, or commercial bottled water are included in the other category.

Water supply stoppage means that the housing unit was completely without running water from its regular source. Completely without running water means that the water system servicing the unit supplied no water at all; that is, no equipment or facility using running water (in kitchen and bathroom sinks, shower, in bathtub, flush toilet, dishwasher, and other similar items) had water supplied to it, or all were inoperable. The reason could vary from a stoppage because of a flood or storm, to a broken pipe, to a shutdown of the water system, to a failure to pay the bill, or other reasons.

Data on water supply stoppage are shown if they occurred in the 3 months prior to the interview, or while the household was living in the unit if less than 3 months, and if the breakdown or failure lasted 6 consecutive hours or more. Housing units with water supply stoppage also are classified according to the number of times the stoppages occurred.

Principal. See "Total outstanding principal amount."

Problems. See "Neighborhood conditions and neighborhood services," "Physical problems," "Poverty status."

Property insurance. This item refers to insurance on the structure and/or its contents (such as furniture, appliances, or clothing) and usually contains some liability insurance. Renters usually do not have property insurance, but its cost is counted if they do have it. The total cost is the most recent yearly cost for which the occupants have actually been billed. Yearly cost was divided by 12 before calculating a monthly median cost. Medians for property insurance are rounded to the nearest dollar.

Public elementary school. See "Educational attainment" and "Neighborhood conditions and neighborhood services."

Purchase price. The purchase price refers to the price of the house or apartment and lot at the time the property was purchased. Closing costs are excluded from the purchase price, and for

mobile homes, the value of the land is excluded. In the books, the median purchase price is rounded to the nearest dollar.

Quality. See "Neighborhood conditions and neighborhood services," "Physical problems," "Selected amenities," "Selected deficiencies."

Questionnaire. Computer Assisted Personal Interviewing (CAPI) was introduced in 1997, eliminating paper questionnaires. The questions and the question interview pattern are available as part of the Field Representative's guide for the AHS released on the Census Bureau Web site. The computer code controlling the interviews, known as "Q-Code" ("Questionnaire Code"), can be found on the HUD USER Web site. The Field Representative's guide is much easier to read than the Q-Code but does not include information on skip patterns or the exact rules for question flow.

Race. In the books, the classification of "race" refers to the race of the householder occupying the housing unit. The concept of race as used by the Census Bureau does not denote a clear-cut scientific definition of biological stock. Race was determined on the basis of a question that asked for self-identification of a person's race. For respondents who refused to answer, the interviewer decided on a race only for people she or he saw; others are imputed by computer. For mixed-race answers, respondents are asked for the race most closely identified with, respondents are asked for the mother's race, or the first race mentioned is used, in that order of priority.

Hispanic is considered an ethnic origin rather than a race and is tallied separately. Most Hispanics report themselves as White, but some report themselves as Blacks or other categories. Figures are given for race and ethnicity in Table 2-1 of the printed reports.

Revisions to the OMB Statistical Policy Directive 15 designate five races (White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or other Pacific Islander) and two ethnic origins (Hispanic or Latino and not Hispanic or Latino). The AHS will adopt the new terminology in 2003.

Ratio of value to current income.

Books. The ratio of value to current income was computed by dividing the value of the housing unit by the total current (family) income (see definition of current income). The ratio was computed separately for each housing unit and was rounded to the nearest tenth. For value and current income, the dollar amounts were used. Units occupied by individuals who reported no income or a net loss compose the category "zero or negative income." Medians for the ratio of value to current income are rounded to the nearest tenth.

Microdata. Not applicable; can be calculated from value and income.

Real estate taxes. This item includes special assessments, school taxes, county taxes, and any other real estate taxes. Excluded are payments on delinquent taxes due from prior years. Rebates are subtracted from the total. When the real estate taxes are included with the mortgage, a separate amount for the taxes is obtained. To determine average monthly cost,

yearly cost was divided by 12. In the books, medians for real estate taxes are rounded to the nearest dollar.

Reasons for leaving previous unit. These data are shown for units where the respondent moved during the 12 months before the interview. The distribution may not add to the total, because the respondent was not limited to one reason.

Private displacement includes situations in which a private company or person wanted to use the housing unit for some other purpose (to develop the land or building commercially, to occupy the unit, to convert the unit to a condominium or cooperative, or to make repairs and renovate the unit).

Government displacement means the respondent was forced to leave by the government (local, state, or federal), because it wanted to use the land for other purposes (to build a road or highway, for urban renewal or other public activity, because the building was condemned, or some other reason).

Disaster loss includes damage by a tornado, storm, flood, earthquake, fire, landslide or other similar occurrences.

New job or job transfer indicates that the respondent moved to begin a new job or was transferred from the previous location to the present location.

To be closer to work/school/other means that the respondent moved because commuting was too far and respondent wanted to live closer to work, school, or some other commuting purpose.

Other, financial/employment related refers to financial or employment related reasons, such as wanting to look for a new or different job, because the person entered or left the U.S. Armed Forces, retired, or some other financial/employment reason.

To establish own household means that the respondent left a previous residence (parent's home, rooming or boarding house, or shared apartment) to establish own household.

Needed larger house or apartment refers to moves that were necessary because of crowding or for aesthetic reasons.

Married, widowed, divorced, or separated is marked if the respondent moved because of marital reasons.

Other, family/personal related indicates that the respondent moved because of family or personal reasons such as wanting to live closer to relatives.

Wanted better home was marked if the respondent moved because the previous residence was too old, run-down, in need of too many repairs or if there was nothing wrong with the previous home, but the respondent simply wanted to move to a better one.

Change from owner to renter, or change from renter to owner indicates a change in tenure.

Wanted lower rent or less expensive maintenance indicates that the respondent moved because the rent (or mortgage) payments were too high at the previous residence or that the taxes or upkeep were too high.

Other housing related reasons includes such reasons as respondent wanted larger yard, different zoning, or wanted a better investment.
Other includes examples such as respondent wanted a change in climate, neighborhood crime problem, racial or ethnic composition of neighborhood.

See also "Choice of present home and home search" and "Choice of present neighborhood and neighborhood search."

Recent movers. Data for recent movers are shown for two categories of movers: (1) units where the householder moved into the present unit during the 12 months prior to the interview (shown as a column in most tables, and in Table 10 of each chapter) and (2) units where the respondent moved into the present housing unit during the 12 months prior to the interview (Table 11 of each chapter). In most cases, the two groups represent the same households.

Microdata also show moves of other household members.

Recent movers comparison to previous home. This item is based on the respondent's comparison between the present unit and previous unit as to which was better.

Recent movers comparison to previous neighborhood. This item is based on the respondent's comparison between the present neighborhood and the previous neighborhood as to which was better. The definition of neighborhood is whatever the respondent considers it to be.

Regions. States contained in each region are as follows:

Northeast. Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, Pennsylvania, and New Jersey.

Midwest. Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Kansas, Nebraska, North Dakota, and South Dakota.

South. Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Tennessee, Kentucky, Arkansas, Louisiana, Oklahoma, and Texas.

West. Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Alaska, Washington, Oregon, Nevada, California, and Hawaii.

Remaining years mortgaged. The owner or owner's spouse was asked the length of time it would take to pay off the loan at the current payments. The response reflects the amortization schedule. For example, in many balloon mortgages the initial monthly payments are calculated to pay off the loan in 30 years, though the mortgage is due in 5 years, and the 60th payment is very large. Such a mortgage would count here as 30 years, not 5 years, minus whatever

number of years have passed. In the books, medians for remaining years mortgaged are rounded to the nearest year.

Rent paid by lodgers. This item refers to regular, fixed rent: a set amount of money, billed or charged, which is paid at regular intervals by a lodger (usually weekly or monthly) to a member of the household. This category is restricted to lodgers who are 16 years and older, nonrelatives of the householder, and people who are not spouses of a co-owner or co-renter, not children of a co-owner or co-renter, and not a co-owner or co-renter themselves. Medians for rent paid by lodgers are rounded to the nearest dollar.

Rent reductions. Rent control means that increases in rent are limited by state or local law. The jurisdiction, state or local agency, mandates that rent increases may not exceed some level, or must be approved by the government. This category does not include limits that HUD puts on all rental projects insured by the Federal Housing Administration.

A housing unit is classified as being in a public housing project if the unit is owned by any local or state government agency, and operated as public housing. These organizations may receive subsidies from the federal or state government, but the local agency owns the property.
A housing unit is classified as having a subsidy if the household pays a lower rent because a federal, state, or local government program pays part of the cost of construction, mortgage, or operating expenses. These programs include rental assistance programs where part of the rent for low-income families is paid by HUD, and direct loan programs of HUD and the Department of Agriculture for reduced cost housing. Units requiring income verification are usually subsidized. Many households in these programs apply through the public housing authority, and misreport themselves in public housing. Others do not think of their units as subsidized, and misreport themselves as unsubsidized.

Subsidies for homeowners, including HUD subsidies for cooperatives, are not counted, since the questions are asked only of renters.

Renter maintenance quality. Renters were asked their opinion of owner's response time and if owners were polite and considerate for maintenance and repairs of major and minor problems. The definition of a major or minor problem was left up to the discretion of the respondent. Satisfaction was measured by the following choices: "usually," "not usually," "very mixed," "haven't needed any," and "landlord not responsible for maintenance." When problems occurred, renters were asked if problems were solved quickly once repairs started.

Replacements and additions.

Microdata. 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.

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 walkways; fencing or walls; patio, terrace or detached deck; swimming pool, tennis court and other recreational structures; shed, detached garage or other buildings.

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.

Reverse annuity mortgages. These were defined to the respondent as "reverse annuity mortgage or home equity conversion mortgage." These mortgages involve borrowing against home equity for retirement or income and sometimes do not need to be repaid until after the owner's death.

Rooms. The respondent was asked to report all rooms in the housing unit. The interviewer then coded the responses into different categories. Rooms counted include whole rooms used for living purposes, such as bedrooms, living rooms, dining rooms, kitchens, recreation rooms, permanently enclosed porches that are suitable for year-round use, lodgers' rooms, and other finished rooms. Also included are rooms used for offices by a person living in the unit. Median for rooms is rounded to the nearest tenth (see Medians).

A dining room, to be counted, must be a separate room. It must be separated from adjoining rooms by built-in archways or walls that extend at least 6 inches from an intersecting wall. Half walls or bookcases count if built-in. Movable or collapsible partitions or partitions consisting solely of shelves or cabinets are not considered built-in walls.

Bathrooms, laundry rooms, utility rooms, pantries, and unfinished rooms are not counted as rooms.

Rooms used for business. A room used for business or office space is a room set up for use as an office or business such as rooms for: a business owner, contract worker, self-employed person, commercial use (such as daycare or catering) or regular job.

The question asked if rooms were exclusively used for business space. Followup questions asked if there is direct access to the outside without going through any other room and whether the space is used both as business space and for personal use. See also "Other activities on property."

Routine maintenance in last year. Routine maintenance consists of regular maintenance activities necessary for the preventive care of the structure, property and fixed equipment items. Included are such things as painting, papering, floor sanding, restoring of some shingles, fixing water pipes, replacing parts of large equipment, such as furnace, repairing fences, gutters, sidewalks, decks or patios, removing dangerous trees, termite inspection. Housecleaning is not included. Routine maintenance does not include work reported under the section on repairs, improvements, and alterations. Medians for routine maintenance are rounded to the nearest dollar.

Rural. See "Urban and rural residence."

Safety of primary source of water. Water was considered safe (consumable or potable) if the main water source was used or could be used for drinking. The respondent was not asked what source was used by the household for drinking but whether or not the main water source was safe for cooking and drinking. This item excludes units where the primary source of household water was commercial bottled water.

Sample size. The sample size is the unweighted count of the actual sample cases. See Appendix B in this report for an explanation of sample design.

Savings. See "Amount of savings and investments."

Schools. See "Educational attainment" and "Neighborhood conditions and neighborhood services."

Seasonal units. See "Vacancy, seasonality, and marketing."

Selected amenities.

Porch, deck, balcony, or patio is counted if it is attached to the sample unit, not just to the building or free standing. Porches may be enclosed or open. The porch, deck, balcony, or patio is only counted if it is at least 4 feet by 4 feet.

Usable fireplace. Excludes the following: fireplaces that have been blocked off or whose chimney or flue has been filled, decorative or artificial fireplaces and wood stoves, even if shaped like a fireplace, like a Franklin stove. Free-standing fireplaces are included in this item.

Separate dining room. A separate dining room is an area separated from adjoining rooms by archways or wall that extend at least 6 inches from an intersecting wall. See "Rooms."

Living rooms, recreation rooms, etc. Includes family rooms, dens, recreation rooms and/or libraries.

Garage or carport. The garage or carport is only counted if it is on the same property, though not necessarily attached to the house. Off-street parking includes driveway or parking lot privileges that are paid for as part of the rent or owned with the unit. Data on garage or carport are not collected for occasional-use vacant units and other vacant units.

See also "Overall opinion of structure."

Selected deficiencies.

Signs of mice or rats. The statistics on signs of mice or rats refer to respondents who reported seeing mice or rats or signs of mice or rats inside the house or building during the 3 months prior to interview or while the household was living in the unit if less than 3 months. Signs of mice or rats include droppings, holes in the wall, or ripped or torn food containers.

Holes in floors. Respondents were asked about holes in the interior floors of the unit. The holes may or may not go all the way through to a lower floor or to the exterior of the unit. The holes are only counted if large enough for someone to trip in.

Open cracks or holes (interior). Statistics are presented on open cracks or holes in the interior wall or ceilings of the housing unit. Included are cracks or holes that do not go all the way through to the next room or to the exterior of the housing unit. Hairline cracks or cracks that appear in the walls or ceilings but are not large enough to insert the edge of a dime, are not counted. Very small holes caused by nails or other similar objects are also not counted.

Broken plaster or peeling paint (interior). The area of peeling paint or broken plaster must be on the inside walls or ceilings and at least one area of broken plaster or peeling paint must be larger than 8 inches by 11 inches.

Electric wiring. A housing unit is classified as having exposed electric wiring if the unit has any wiring that is not enclosed, either in the walls or in metal or plastic coverings. Excluded are appliance cords, extension cords, chandelier cords, and telephone, antenna, or cable television wires.

Electric wall outlets. A housing unit is classified as having rooms without electric wall outlets if there is not at least one working electric wall outlet in each room of the unit. A working electric wall outlet is one that is in operating condition; that is, it can be used when needed. If a room does not have an electric wall outlet, an extension cord used in place of a wall outlet is not considered to be an electric wall outlet.

Sewage disposal and sewage disposal breakdowns. A public sewer is connected to a city, county, sanitary district, neighborhood, or subdivision sewer system, serving six or more units. A septic tank or cesspool is an underground tank or pit used for disposal of sewage (serving five or fewer units). A chemical toilet, which may be inside or outside the unit, uses chemicals to break down or dissolve sewage. Housing units for which sewage is disposed of in some other way are included in the Other category.

The data on breakdowns in the means of sewage disposal are limited to housing units in which the means of sewage disposal was a public sewer, septic tank, or cesspool. Breakdowns refer to situations in which the system was completely unusable. Examples include septic tank being pumped because it no longer perked, tank collapsed, tank exploded, sewer main broken, sewer treatment plant not operating as a result of electrical failure or water service interruption.

Data on breakdowns are shown if they occurred in the 3 months prior to the interview or while the household was living in the unit if less than 3 months, and if the breakdown lasted 6 consecutive hours or more. Housing units with a breakdown in sewage disposal also are classified according to the number of breakdowns.

See also "Painted surfaces."

Sharing. See "Cost and ownership sharing" and " Time sharing."

Single children under 18 years old. See "Household composition."

Site placement. This item is collected for mobile homes. "Site" refers to location (other than the manufacturer's or dealer's lot) and not necessarily a mobile home park site. The mobile home was not necessarily occupied at each site, as long as it was set up for occupancy.

Source of drinking water. The statistics presented are restricted to units where the respondents answered that their primary source of drinking water was not safe to drink. Units where the primary source of water was commercial bottled water were excluded. See "Primary source of water."

Specified owner and renters. See "Monthly housing costs."

Square feet per person.

Books. Square feet per person is computed for each single-family detached housing unit and mobile home by dividing the square footage of the unit by the number of people in the unit. The figures shown refer to the number of housing units having the specified square feet per person. Median square footage is rounded to the nearest foot.

Microdata. Not applicable.

Square footage of unit. Housing size is shown for single family detached housing units and mobile homes. Excluded from the calculation of square footage are unfinished attics, carports, attached garages, porches that are not protected from weather (such as screened porches), and mobile home hitches. Both finished and unfinished basements are included. Median square footage is rounded to the nearest foot. Square footage is based on the respondent's estimate of the size of the unit.

Stories between main and apartment entrances. Data are presented for multiunit structures with two or more floors and are concerned with the number of floors from the main entrance level of the building to the main entrance of the unit. "Same floor" indicates that the main entrance of the sample unit is on the same level as the main entrance that residents use to enter the building.

Stories in structure. The statistics are presented for all housing units, except for mobile homes. Any basement is included, whether finished or not. Finished attics also are included; unfinished attics are not. For split levels and bilevels, the number of stories is determined by the highest number of floors that are physically over each other.

Structure type of previous residence. These data are shown for householders who moved within the United States during the previous 12 months. They are based on the respondent's classification.

Subsidies. See "Rent reductions."

Suburbs. Suburbs are defined in the AHS as the portion of each metropolitan area that is not in any central city. See also "Central cities" and "Metropolitan areas."

Suitability for year-round use. See "Vacancy, seasonality, and marketing."

Supplemental heating equipment. Additional heating equipment for a heated area of the housing unit.

Taxes. See "Annual taxes paid per $1,000 value" and "Real estate taxes."

Tenure. Any housing unit is owner occupied (including a cooperative or condominium unit) if someone whose name is on the deed, mortgage, or contract to purchase, lives in the unit. Units where the elderly "buy" a unit to live in for the remainder of their lives, after which it reverts to the seller, are considered owner-occupied. All other occupied housing units are classified as renter occupied units, including units rented for cash, if occupants or others pay some rent, and/or occupied without payment of cash rent, such as a life tenancy or a unit that comes free with a job. Households who do not pay cash rent may still pay utilities.

Tenure of previous unit. These data are shown for householders who moved within the United States during the 12 months prior to the interview. The previous unit was owner occupied if the owner or co-owner lived in the unit. All other previous units were renter occupied.

Term of primary mortgage at origination or assumption. Term is the number of years from the date the present owner-occupants first obtained the present mortgage to the date the last payment is due according to the terms of the contract. On a balloon mortgage this term may be short, and the last payment very large. In the books, medians for term of primary mortgage are rounded to the nearest year.

Total outstanding principal amount.

Books. The statistics shown represent the total amount of principal that would have to be paid off if the loans were paid off in full on the date of interview. The formula used to calculate the outstanding principal amount does not take into account the fact that some households make additional principal payments. The resulting data, therefore, may be an overestimate of the total outstanding principal. In the books, medians for outstanding principal amount are rounded to the nearest dollar. The data include all regular mortgages but exclude home equity loans.

Microdata. Not applicable.

Trash, litter, or junk on streets or any properties. The respondent was asked if there was trash, litter, or junk in the streets, roads, empty lots, or on any properties within 300 feet of the

building. Major accumulation includes tires, appliances or large amounts of trash accumulated over a period of time. Minor accumulation includes small amounts of paper, cans, or bottles that do not give the impression of long neglect. The property on which the sample unit is located is included.

Trucks. See "Cars and trucks available."

Type of primary mortgage. The federal government agencies that currently insure or guarantee mortgages or similar debts include the Federal Housing Administration (FHA), the Department of Veterans Affairs (VA), and the Farmers Home Administration (FmHA). Mortgage insurance is a promise to pay the lender's losses in case the borrower fails to keep up the required mortgage payments and defaults on the loan. Such insurance protection is offered by the Government, acting as an insurance agent, and by private mortgage insurance companies. Mortgage loans that are not insured or guaranteed by these government agencies are referred to as "conventional" mortgages. Conventional mortgages, including mortgages insured or guaranteed by state or local governments, are shown as "Other types."

Units. See "Housing unit," "Occupied housing units," "Vacancy, seasonality, and marketing."

Units in structure. In determining the number of housing units in a structure, all units, occupied and vacant, were counted. The statistics are presented for the number of housing units, not the number of residential structures. A structure either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof.

Structures containing only one housing unit are further classified as: detached if it has open space on all four sides, or attached if it has unbroken walls extending from ground to roof that divide it from other adjoining structures, as in many rowhouses or townhouses. If a unit shares a furnace or boiler with adjoining units, then the walls are pierced by pipes or ducts, and all the units thus joined are included in one structure.

Mobile homes are shown as a separate category (see "Mobile homes").

Urban and rural residence. As defined for the 1980 census, urban housing comprises all housing units (a) in urbanized areas and (b) in places (see Places) of 2,500 or more inhabitants outside urbanized areas, but excluding housing units in the rural portions of extended cities. Housing units not classified as urban are rural housing.

Urbanized areas. In the 1980 census, each urbanized area comprised an incorporated place and adjacent densely settled area (1.6 or more people per acre, or 1,000 or more people per square mile) that together had at least 50,000 population. It also included some less dense adjacent land such as industrial parks and golf courses inside city limits.

More information on urbanized areas and the historical development of the urban-rural definition appears in the 1980 Census of Population reports, *Characteristics of the Population, Number of Inhabitants, PC80-1-A.*

Utilities. See "Monthly costs for electricity and gas."

Vacancy, seasonality. A housing unit is vacant if no one is living in it at the time of the interview, unless its occupants are only temporarily absent. In addition, housing units where all the occupants have a usual residence elsewhere are grouped with vacant units.

Year-round housing units. This includes all units occupied by people as their usual residence, regardless of design, and all vacant units that are intended by the owner for occupancy at all times of the year. For example, if a unit in a resort area is intended for occupancy in all seasons, it is a year-round unit.

For rent. Owners of some units offer them for rent. Other owners solicit offers either *for rent or* for sale. When separate categories for these are not shown, they are both included in *for rent, as in the rental vacancy rate.*

Rental vacancy rate. The rental vacancy rate is the number of vacant year-round units for rent as a percent of the total rental inventory; i.e., all renter-occupied housing units and all year-round vacant housing units for rent or rented, not occupied.

For sale only. Units "for sale only" are offered for sale, and the owner does not solicit renter-occupants, even though the owner might eventually rent the unit.

Rented or sold. If any money rent has been paid or agreed upon, but the new renter has not moved in as of the date of the interview, or if the unit has recently been sold, but the new owner has not yet moved in, the unit is classified as rented or sold.

Occasional use. These are units held for weekend or other occasional use throughout the year. Second homes may be classified here or as seasonal.

URE. These are temporarily occupied by persons with Usual Residence Elsewhere. If all people in a housing unit usually live elsewhere, the unit is classified as vacant. For example, a beach cottage occupied at the time of the interview by a family that has a usual residence in the city is included in the count of vacant units. Their home in the city or the home of a comparable vacationing family also can be in the AHS sample and would be reported as occupied since the occupants are only temporarily absent. URE units also may be classified in any of the vacancy categories: seasonal or for sale.

Other vacant. This category includes units held for settlement of an estate, units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner.

Seasonal units are intended by the owner to be occupied during only certain seasons of the year. They are not anyone's usual residence. A seasonal unit may be used in more than one season; for example, for both summer and winter sports. Published counts of seasonal units also include housing units held for occupancy by migratory farm workers. While not currently intended for year-round use, most seasonal units could be used year-round; see the next item.

Suitability for year-round use. For vacant housing units that are not intended by their current owners for year-round use (seasonal and migratory), the respondent was asked whether the construction and heating of the housing unit made it suitable for the unit to be occupied on a

year-round basis. A housing unit is suitable for year-round use if it is built as a permanent structure, properly equipped, insulated, and heated as necessitated by the climate.

Time sharing. This item is restricted to vacant housing units, including units temporarily occupied by people who have usual residences elsewhere. Time sharing is a form or ownership in which a single property is owned by multiple owners. Each is entitled to occupy the unit for a limited period of time. The number of years of ownership may vary depending on the terms of the contract. Participants in time-sharing ownership usually, but not always, receive a deed of ownership.

Duration of vacancy refers to the length of time (in months) from the date the last occupants moved from the housing unit to the date of the interview. The data, therefore, do not provide a direct measure of the total length of time that units remain vacant. For newly constructed units that have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date that conversion or merger was completed.

Last used as a permanent residence. The statistics refer to the length of time (in months) since units that are currently seasonal vacant were last used as a permanent residence, and is measured as of the date of interview. Units that have always been used for short-term or seasonal occupancy, are classified as *Never occupied as permanent home.*

Comparability. There may be differences between the AHS and other surveys that present vacancy rates. The differences may be attributed to such factors as differing interview periods, survey designs, survey techniques, and processing procedures, as well as differences in concepts and definitions. In addition, there are sampling and nonsampling errors.

Value. Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. Any nonresidential portions of the property, any rental units, and land cost of mobile homes, are excluded from the value. For vacant units, value represents the sale price asked for the property at the time of the interview, and may differ from the price at which the property is sold. In the books, medians for value are rounded to the nearest dollar. See also "Ratio of value to current income."

Water. See "Plumbing facilities," "Primary source of water and water supply stoppage," "Safety of primary source of water," "Source of drinking water."

Water leakage during last 12 months. Data on water leakage are shown if the leakage occurred in the 12 months prior to the interview or while the household was living in the unit if less than 12 months. Housing units with water leakage are classified by whether the water leaked in from inside or outside the building and by the most common areas (roof, basement, walls, closed windows, or doors) or reasons (fixtures backed up or overflowed or pipes leaked) of water leakage.

Work. See "Income" and "Journey to work."

Year householder moved into unit. The data are based on the information reported for the householder and refer to the year of latest move. Thus, if the householder moved back into a

housing unit previously occupied, the year of the latest move was to be reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present unit was to be reported. The intent is to establish the year present occupancy by the householder began. The year the householder moves is not necessarily the same year other members of the household move; although, in the great majority of cases the entire household moved at the same time. In the books, the median year householder moved into unit is rounded to the nearest year. See also "Year structure built."

Year primary mortgage originated. The year the primary mortgage was originated is the year the mortgage was signed (see Primary mortgage). In the books, medians for year primary mortgage originated are rounded to the nearest year.

Year structure built. Year structure built represents the respondent's estimate of when the building was first constructed, not when it was remodeled, added to, or converted. The figures refer to the number of housing units in structures built during the specified periods and in existence at the time of the interview. For mobile homes, the manufacturer's model year was assumed to be the year built. For mobile homes, the year the householder moved in can be earlier than the year the structure was built because the mobile home site, not the mobile home itself, is in sample. The householder could have replaced an older mobile home with a newer model. In the books, median year built is rounded to the nearest year.

Year unit acquired. The year the unit was acquired or inherited refers to the year in which the present owner acquired or inherited the house or apartment; for example, the year the contract was signed. This date may be different from the date when the occupants moved in. If the land and building were bought at different times, the year the building was acquired was recorded. If there was a land contract only, the year the contract was signed was recorded. In the books, median year acquired is rounded to the nearest year.

Appendix B: Allocation Matrices

General. Missing items on each housing unit are sometimes left on the file as missing data. Otherwise they are filled by *cold deck allocation* (for example TENURE is filled with owners twice as often as renters, mirroring the universe) or *hot deck allocation* (copying the answer from the most recent similar case processed). For hot deck allocation, the similar cases are defined by the cells of matrices, with the variables used in the construction of the matrix shown below.

When an answer is changed by allocating or editing, another variable is set to 1=edited or 2=allocated (0=unchanged). This variable has the same name as the substantive variable, with J added at the front, like JVALUE. If the variable name is already six characters long, the first letter is changed to J, like JENURE, the allocation variable for TENURE. The J does not stand for anything; it was chosen to minimize ambiguity, since only one active name already began with J (see index). For each variable, the codebook lists the corresponding allocation variable and what matrix was used, if applicable.

Purpose. Hot deck allocation preserves the mean and distribution of data. If an average value were used to fill missing data, distributions would appear much narrower than they are. Some groups have higher rates of missing data than others. For example, annual earnings are missing for young people much more often than for older people. If missing data were ignored, the average and distribution of the other people would be biased upwards, since the missing earnings are disproportionately low. The effect can be seen by comparing results with and without allocated data, using the J variables to identify allocated data. Bias remains, since the non-respondents vary in unknown ways from respondents, and the income data in particular are very weak (see Appendix D of Volume 3 of the AHS codebook), but hot deck allocation reduces the bias. While allocated data are generally wrong for the particular household, the overall distribution may be right. When variables are cross-tabulated, consider omitting allocated data since they weaken comparisons: the allocated cases will show random patterns, which will obscure any true relationship present. Also the allocated cases give a spurious impression of large sample sizes, where the actual sample may be much smaller.

Revisions. These matrices are revised for 1997 and future years. The previous matrices had been used since the 1980s, slightly revised from the ones used in the 1970s, which in turn appear to have been adapted from the Current Population Survey. The older matrices are shown in the Codebook Volume 1 pages 1-68 to 1-72. The purpose of the revision of allocation matrices has been to group similar homes together and avoid very small cells, where cases are few and far between. For information on the current construction of each matrix, please contact the American Housing Survey Branch of the Census Bureau at: ahsn@census.gov or 301-457-3235.

Keeping cells as large as possible, while making sure they contain homogeneous cases, means the cells are refreshed with new data as frequently as possible. This is important for two reasons. First, frequent refreshing of a cell keeps the donor record and the recipient record geographically close together, helping to control for climate, metropolitan status, cost of living, and other regional variations, since the cases are processed in geographic order. Second, frequent refreshing means very few donor records donate data to more than one recipient record, since the donor records are replaced frequently. Multiple donations raise variance significantly, since the donor record in effect gets its own weight plus the weight of each recipient record.

Standard matrix. Matrix E is used on most items. It is a general purpose classification, to be used when no special matrix has been designed. The revision of Matrix E is designed to make units in each cell be as homogeneous as possible on housing adequacy, date built, and income (income is not allocated from this matrix, but is a good proxy for some of the items that are).

To clarify terms, each matrix, like E, can be considered as two dimensional: the columns are defined (27 of them in matrix E), and there is a separate row for each variable to be allocated. Thus HEQUIP is allocated from one row of E, and HFUEL from another row. Each data record goes into just one column of the matrix, but it will donate data into many rows and may take data out of other rows whenever it has missing data. The definitions below only define the columns of each matrix. Rows are defined by the number of edits (given earlier) that specify "allocate using matrix E."

A previous version of Matrix E classified cells by tenure, by sex and race of head of household, and by number of units. The female, black and multi-family cells are generally small. There was very little difference between single family and multifamily units, once other factors were controlled. Presence of spouse distinguished homes better than sex of householder, and can usefully be combined with race, ethnicity and elderly status, since "socio-economically disadvantaged" groups often have similar housing conditions.

It was also very effective to distinguish in Matrix E by size of unit and cost. For size, units with zero, one or two bedrooms were similar and are grouped. Bedrooms are used instead of total rooms to avoid problems with all the component types that go into total rooms. Similarly, cost of renters is based on contract rent, to avoid problems with the various components of gross rent (selected monthly housing costs). The change in the cutoffs of value and rent with additional bedrooms approximates the differences among medians, by size. If narrower ranges of cost were used, there would have been somewhat better consistency in Matrix E, but with the disadvantage of more small cells.

Rooms. Matrix B, for rooms, is rearranged in the revision with less detail among small households and more detail by type of structure, since these groups had the most consistency for bedrooms and baths, the items that vary most in this matrix.

Costs. Matrix D, for utilities, is redesigned in terms of number of bedrooms and people, which distinguish utility costs better than race and sex. Increasing from one person to two or more adds about as much to electricity and gas cost as adding a bedroom. It does not seem to make much difference whether the extra person is a spouse, other adult or child. Increasing to three or more people does not have much additional effect. The effects may be different for water and trash, but these costs are so small it does not seem worthwhile to design, program and maintain special matrices for them. Matrix D also distinguishes when gas and electricity are the main heating fuel, versus when they are just used for other purposes (cooking, lighting, hot water). Oil and other fuels do not get this treatment, since they are insignificant except when they are the main heating fuel, and making a distinction would create many tiny cells.

Matrix H, to allocate amount of mortgage as fraction of value, is used differently from other matrices. Known loan amounts are subtracted from VALUE to get remaining equity, and a loan is allocated so it is the same fraction of this remaining equity in donor and recipient records. For example: the donor has three loans totaling 90 percent of value: 75 percent, 5 percent and 10 percent respectively. The recipient has VALUE=100,000, with 52,000 and 7,000 in the first two mortgages. The donor's third loan is 10/(100-75-5) = 10/20 of the donor's remaining equity. The recipient's remaining equity is 100,000-52,000-7,000 = 41,000, so the third loan is allocated as 10/20 of 41000 = 20,500. The approach shown allows each loan to be allocated independently, but keeps a reasonable and consistent total for all loans, relative to the value of the house. The

alternatives of allocating each loan as a fraction of VALUE or of other mortgages would often create total allocated plus unallocated loans exceeding VALUE.
Matrices for mortgage term and interest are broken by year, which is more significant than value of house. Secondary mortgages are few and quite homogeneous, both by year and by value of house, so they are not subdivided in the matrix.

If monthly payment is not known, it is not allocated, but rather calculated. If the monthly payment question is answered but the answer disagrees substantially with the calculated value, the answer is nevertheless kept since it is more likely to be right than the long list of items used in calculating the payment.

Income. Matrix G1 is used to allocate wages. Householders and spouses have similar wages, after controlling for sex of the earner and housing cost. Other relatives have similar incomes after controlling for age and housing cost. For these reasons, the relationship codes were collapsed. Age categories for children under 25 are now more detailed since this population is numerous and average income changes sharply with age. Cost of housing, a strong correlate of income, also has more detailed categories.

The Matrix G2 is used, to allocate presence of income sources (other than wages). Presence of Social Security and pensions is extremely correlated with age of the elder of the householder or spouse, rising significantly above age 50, and jumping at 62 and 65.

The Matrix G3 is used to allocate the amount of family income other than wages.

The Matrix G10 is used to allocate total income of non-relatives.

In general, the presence of children is a better predictor of welfare and alimony than household size. Age 35 is a better distinguishing level for the sources of income than 25. Couples combined with sex of householder is more powerful than sex alone. Some cells become very small, and so have been collapsed.

For persons who refuse to answer income, the questionnaire has a fallback question that asks whether total family income was over $25,000 (LT25K). The matrices already discussed are allocated, ignoring this total, since each piece of income is allocated, and it may be high or low, independent of the total. Subdividing the matrices by high or low income would not help, since not all of a household's income is necessarily allocated, so the household's total could still be inconsistent. A multi-step edit is specified after the G matrices to force consistency: If the total already allocated agrees with LT25K, no further changes are needed. Also if just the unallocated amounts exceed $25,000 and the family said the total was under $25,000, the constraint on the total is ignored and the detailed sources of income is used. But if allocated amounts are the sole cause of a conflict with LT25K, this conflict is resolved by increasing or decreasing all the allocated amounts until consistency is reached. This creates a range of outcomes, rather than forcing people just below or above $25,000 as has been done before.

As a measure of quality and respondent cooperation, the original answers to LT25K and INV20K are preserved, even if they are inconsistent.

Commuting and Movers. The Matrix JTW is used for commuting. The variable allocated would be minutes per mile, TIMEJ(w)/DISTJ(w), so if either is reported, the other can be calculated from the allocation matrix. If both are missing, then TIMEJ(w) is allocated from Matrix G1, along with the mode and carpool variables.

The previous approach used Matrix F to allocate location of previous residence. This is omitted from the revision, so numerous missing cases will be preserved in the final data, since the distribution of previous locations is not meaningful when it is imputed.

Revisions. The research on allocation matrices can be fine-tuned at any time to identify better patterns of homogeneous groups. The patterns themselves are unlikely to change in the next 10 to 20 years, but the whole approach may be slightly revised from year to year. For exact information on the construction of matrices in any particular year of the AHS, please contact the American Housing Survey Branch of the Census Bureau at: ahsn@census.gov or 301-457-3235.

Initialization. The matrices are initialized by running through the file once whenever any allocation matrix definition is changed. The final matrix contents can be stored and used as initial values. This simplifies maintenance, since the variables allocated by each matrix do not need to be mentioned in the matrix specifications, and can be changed in the edit specifications alone, with no concerns about keeping the matrix specifications consistent with the edit specifications.

A list of variables used to create each matrix is provided below.

Matrix A – To Impute Number of Units: Classify by Tenure, Vacancy and Number of Floors

- FLOORS
- ISTATUS
- TENURE
- VACANCY

Matrix B – To Impute Number of Rooms and Floors: Classify by Tenure, Vacancy, Structure and Household Size

- ISTATUS
- NUNIT2
- NUNITS
- PER
- TENURE
- VACANCY

Matrix D – To Impute Utility Costs: Classify by Tenure, Bedrooms, People and Main Heating Fuel

- BEDRMS

- HFUEL
- PER
- TENURE
- VACANCY

Matrix E – To Impute Most Items: Classify by Tenure, Householder Sex, Race, Ethnicity, Age, Cost and Type of Structure

- AGE
- BEDRMS
- FRENT
- ISTATUS
- NUNIT2
- RACE
- RENT
- SPAN
- SPOS
- TENURE
- VACANCY
- VALUE

Matrix G1 – To Impute Wages (and Total Income of Nonrelatives): Classify by Relationship, Tenure, Age, Sex, Race and Ethnicity

- AGE
- BEDRMS
- FRENT
- RACE
- RENT
- REL
- SEX
- SPAN
- TENURE
- VALUE

Matrix G2 – To Impute Presence of Income Sources Other than Wages and Social Security: Classify by Relationship, Tenure, Age, Sex, and Presence of Children

- AGE
- BEDRMS
- FRENT
- RACE
- RENT
- SEX
- SPOS
- TENURE

Matrix GA – To Impute Presence of Social Security: Classify by Older of Householder or Spouse

- AGE

Matrix G3 – To Impute Amount of Relatives' Income Other than Wages: Classify by Relationship, Tenure, Age, Sex, Presence of Children, and Presence of Income Sources

- AGE
- LT25K
- QALIM
- QBUS
- QDIV
- QINT
- QOTHER
- QRENT
- QWELF
- QWKCMP
- SEX
- SPOS
- TENURE
- ZINC

Matrix H – To Impute Amount Originally Borrowed: Classify by Number of Mortgages

- AMMORT
- AMMRT2-AMMRT3
- MATBUY
- VALUE

Matrix I – To Impute Years Needed to Pay off Mortgage and Interest Rate: Classify by Year Borrowed and Type of Mortgage

- Primary Mortgage
- Secondary Mortgage
- Year Borrowed
- Year of Survey

Matrix JTW – To Impute Time and Distance to Work: Classify by Mode of Transportation

- TRAN

Appendix C: Coding for Exclusion from Universes

ACCESS

1 : [(STATUS eq 1 to 3)] AND [(TYPE eq 10 to 11)] ; OR
2 : [(STATUS eq 1 to 3)] AND [GQINST eq 'I'] ; OR
3 : [STATUS eq 4] AND [(NOINT eq 1 to 6)] ; OR
4 : [STATUS eq 4] AND [(NOINT eq 10 to 17)] ; OR
5 : [STATUS eq 4] AND [(NOINT eq 30 to 38)]

AFUEL

1 : [(STATUS eq 1 to 3)] AND [AIRSYS eq 2] ; OR
2 : [(STATUS ne 1 to 3)]

AFUR

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

AIR

1 : [(STATUS ne 1 to 3)]

AIRSYS

1 : [(STATUS ne 1 to 3)]

AMMORT

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

AMMRT2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

AMMRT3

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL eq 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

AMMRT4

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL eq 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL eq 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

AMRTZ

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and NEWMOR ne 2] AND [(TERM eq 15 to 41)] ;
OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [NEWMOR eq 2] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

AMRTZ2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2 and NEWMR2 ne 2] AND [(TERM2 eq 15 to 41)] ;
OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [NEWMR2 eq 2] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

AMTE

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(BUYE eq 1 to 3)]

AMTF

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(BUYF eq 1 to 3)] ; OR
5 : [STATUS eq 1] AND [BILLF eq 2]

AMTG

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(BUYG eq 1 to 3)] ; OR
5 : [STATUS eq 1] AND [BILLG eq 2] ; OR
6 : [STATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

AMTI

1 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG eq 1] ; OR
2 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG ne 1] ; OR
3 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or VACANCY eq 4)] AND [(RCNTRL eq 1 to 2) or RCNTRL eq 'D' or RCNTRL eq 'R'] ; OR
4 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or VACANCY eq 4)] AND [PROJ eq 1] ; OR
5 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or VACANCY eq 4)] AND [SUBRNT eq 1] ; OR
6 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
7 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
8 : [(STATUS ne 1 to 3)] ; OR
9 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [BUYI eq 2 or BUYI eq 'D' or BUYI eq 'R'] ; OR
10 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1]

AMTM

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [OTHPMT ne 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

AMTM2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [OTPMT2 ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

AMTO

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(BUYO eq 1 to 3)] ; OR
5 : [STATUS eq 1] AND [BILLO eq 2]

AMTT

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(BUYT eq 1 to 3)] ; OR
5 : [STATUS eq 1] AND [BILLT eq 2]

AMTW

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(BUYW eq 2 to 3)] ; OR
5 : [STATUS eq 1] AND [BILLW eq 2]

ANCHOR

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
2 : [(STATUS ne 1 to 3)]

ANYCAR

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [ANYRUG ne 1] ; OR
3 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
4 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
5 : [STATUS ne 1]

ANYPNT

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS ne 1]

ANYRUG

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR

3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS ne 1]

APPLY

1 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG eq 1] ; OR
2 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG ne 1] ; OR
3 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
4 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
5 : [(STATUS ne 1 to 3)] ; OR
6 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PHAFLG eq 1] ; OR
7 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PROJ eq 'D' and (RENEW eq 1 or RENEW eq 'R') and REPHA ne 2 and PHAFLG ne 1] ; OR
8 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PROJ eq 'D' and (RENEW eq 2 or RENEW eq 'D') and SUBRNT ne 1 and PHAFLG ne 1] ; OR
9 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PROJ eq 1] ; OR
10 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [SUBRNT eq 2 and PHAFLG ne 1] ; OR
11 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR
12 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1]

ARM

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and (MORTIN eq 1 or MORTIN eq 2 or MORTIN eq 4 or MORTIN eq 'D' or MORTIN eq 'R')] AND [VARY ne 2] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [MORTIN eq 3] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

ARM2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2 and (MORTN2 eq 1 or MORTN2 eq 2 or MORTN2 eq 4 or MORTN2 eq 'D' or MORTN2 eq 'R')] AND [VARY2 ne 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [MORTN2 eq 3] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

BADSTEP

1 : [(STATUS eq 1 to 3)] AND [NUNIT2 ne 3 and NUNIT2 ne 5] ; OR
2 : [STATUS eq 4]

BANK

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [MORTIN ne 4 and MORTIN ne 'D' and MORTIN ne 'R'] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

BANK2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [MORTN2 ne 4 and MORTN2 ne 'D' and MORTN2 ne 'R'] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

BATHS

1 : [(STATUS ne 1 to 3)]

BBLDG

1 : [STATUS eq 4] AND [(NOINT ne 11 to 12) and (NOINT ne 14 to 17)] ; OR
2 : [STATUS ne 4]

BDCARP

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [ANYCAR ne 1] ; OR
3 : [STATUS eq 1] AND [ANYRUG ne 1] ; OR
4 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
5 : [STATUS eq 1] AND [BEDRMS eq 0] ; OR
6 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
7 : [STATUS ne 1]

BEAF78

1 : [STATUS eq 1] AND [(LAT70S eq 5 to 7)] ; OR
2 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS eq 1] AND [BUILT le 1970 and BUILT ge 1919] ; OR
5 : [STATUS ne 1]

BEDRMS

1 : [(STATUS ne 1 to 3)]

BEDX

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [ANYCAR ne 1] ; OR
3 : [STATUS eq 1] AND [ANYRUG ne 1] ; OR
4 : [STATUS eq 1] AND [BDCARP ne 1] ; OR
5 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
6 : [STATUS eq 1] AND [BEDRMS eq 0] ; OR
7 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
8 : [STATUS ne 1]

BIGP

1 : [STATUS eq 4]

BIGPEL

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS eq 1] AND [OUTPEL ne 1] ; OR
5 : [STATUS eq 1] AND [OUTPNT ne 1] ; OR
6 : [STATUS ne 1]

BILLF

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTF eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYF eq 1 to 3)]

BILLFE

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTF eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYE eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYF eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLF eq 1 or BILLF eq 'D' or BILLF eq 'R']

BILLFG

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR

4 : [STATUS eq 1] AND [(AMTF eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYF eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYG eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLF eq 1 or BILLF eq 'D' or BILLF eq 'R'] ; OR
8 : [STATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

BILLFO

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTF eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYF eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYO eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLF eq 1 or BILLF eq 'D' or BILLF eq 'R']

BILLFT

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTF eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYF eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYT eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLF eq 1 or BILLF eq 'D' or BILLF eq 'R']

BILLFW

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTF eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYF eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYW eq 2 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLF eq 1 or BILLF eq 'D' or BILLF eq 'R']

BILLG

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTG eq 4 to 998)] ; OR
5 : [STATUS eq 1] AND [(BUYG eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

BILLGE

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR

2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTG eq 4 to 998)] ; OR
5 : [STATUS eq 1] AND [(BUYE eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYG eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLG eq 1 or BILLG eq 'D' or BILLG eq 'R'] ; OR
8 : [STATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

BILLGF

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTG eq 4 to 998)] ; OR
5 : [STATUS eq 1] AND [(BUYF eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYG eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLG eq 1 or BILLG eq 'D' or BILLG eq 'R'] ; OR
8 : [STATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

BILLGO

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTG eq 4 to 998)] ; OR
5 : [STATUS eq 1] AND [(BUYG eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYO eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLG eq 1 or BILLG eq 'D' or BILLG eq 'R'] ; OR
8 : [STATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

BILLGT

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTG eq 4 to 998)] ; OR
5 : [STATUS eq 1] AND [(BUYG eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYT eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLG eq 1 or BILLG eq 'D' or BILLG eq 'R'] ; OR
8 : [STATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

BILLGW

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTG eq 4 to 998)] ; OR
5 : [STATUS eq 1] AND [(BUYG eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYW eq 2 to 3)] ; OR

7 : [STATUS eq 1] AND [BILLG eq 1 or BILLG eq 'D' or BILLG eq 'R'] ; OR
8 : [STATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

BILLO

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTO eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYO eq 1 to 3)]

BILLOE

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTO eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYE eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYO eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLO eq 1 or BILLO eq 'D' or BILLO eq 'R']

BILLOF

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTO eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYF eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYO eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLO eq 1 or BILLO eq 'D' or BILLO eq 'R']

BILLOG

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTO eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYG eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYO eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLO eq 1 or BILLO eq 'D' or BILLO eq 'R'] ; OR
8 : [STATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

BILLOT

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTO eq 4 to 9998)] ; OR

5 : [STATUS eq 1] AND [(BUYO eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYT eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLO eq 1 or BILLO eq 'D' or BILLO eq 'R']

BILLOW

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTO eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYO eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYW eq 2 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLO eq 1 or BILLO eq 'D' or BILLO eq 'R']

BILLT

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTT eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYT eq 1 to 3)]

BILLTE

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTT eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYE eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYT eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLT eq 1 or BILLT eq 'D' or BILLT eq 'R']

BILLTF

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTT eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYF eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYT eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLT eq 1 or BILLT eq 'D' or BILLT eq 'R']

BILLTG

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTT eq 4 to 9998)] ; OR

5 : [STATUS eq 1] AND [(BUYG eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYT eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLT eq 1 or BILLT eq 'D' or BILLT eq 'R'] ; OR
8 : [STATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

BILLTO

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTT eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYO eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYT eq 1 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLT eq 1 or BILLT eq 'D' or BILLT eq 'R']

BILLTW

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(BUYT eq 1 to 3)] ; OR
5 : [STATUS eq 1] AND [(BUYW eq 2 to 3)] ; OR
6 : [STATUS eq 1] AND [BILLT eq 1 or BILLT eq 'D' or BILLT eq 'R']

BILLW

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTW eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYW eq 2 to 3)]

BILLWE

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTW eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [(BUYE eq 1 to 3)] ; OR
6 : [STATUS eq 1] AND [(BUYW eq 2 to 3)] ; OR
7 : [STATUS eq 1] AND [BILLW eq 1 or BILLW eq 'D' or BILLW eq 'R']

BILLWF

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTW eq 4 to 9998)] ; OR

STATUS eq 1] AND [(BUYF eq 1 to 3)] ; OR
STATUS eq 1] AND [(BUYW eq 2 to 3)] ; OR
STATUS eq 1] AND [BILLW eq 1 or BILLW eq 'D' or BILLW eq 'R']

WG

STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
STATUS ne 1 to 3)] ; OR
TATUS eq 1] AND [(AMTW eq 4 to 9998)] ; OR
TATUS eq 1] AND [(BUYG eq 1 to 3)] ; OR
TATUS eq 1] AND [(BUYW eq 2 to 3)] ; OR
TATUS eq 1] AND [BILLW eq 1 or BILLW eq 'D' or BILLW eq 'R'] ; OR
TATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

WO

STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
STATUS ne 1 to 3)] ; OR
TATUS eq 1] AND [(AMTW eq 4 to 9998)] ; OR
TATUS eq 1] AND [(BUYO eq 1 to 3)] ; OR
TATUS eq 1] AND [(BUYW eq 2 to 3)] ; OR
TATUS eq 1] AND [BILLW eq 1 or BILLW eq 'D' or BILLW eq 'R']

VT

TATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
TATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
TATUS ne 1 to 3)] ; OR
ATUS eq 1] AND [(BUYT eq 1 to 3)] ; OR
ATUS eq 1] AND [(BUYW eq 2 to 3)] ; OR
ATUS eq 1] AND [BILLW eq 1 or BILLW eq 'D' or BILLW eq 'R']

NT

TATUS eq 2 to 3)] ; OR
ATUS eq 1] AND [TENURE eq 1] ; OR
ATUS eq 4]

K

ATUS eq 2 to 3)] ; OR
ATUS eq 1] AND [LEAK ne 1] ; OR
ATUS eq 4]

N

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and (MORTIN eq 1 or MORTIN eq 2 or MORTIN eq 4 or MORTIN eq 'D' or MORTIN eq 'R')] AND [VARY ne 2] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [MORTIN eq 3] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

BLOON2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2 and (MORTN2 eq 1 or MORTN2 eq 2 or MORTN2 eq 4 or MORTN2 eq 'D' or MORTN2 eq 'R')] AND [VARY2 ne 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [MORTN2 eq 3] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

BOARDU

1 : [STATUS eq 4] AND [(NOINT ne 11 to 12) and (NOINT ne 14 to 17)] ; OR
2 : [STATUS ne 4]

BSINK

1 : [(STATUS ne 1 to 3)]

BUILT

1 : [(STATUS ne 1 to 3)]

BURNER

1 : [(STATUS eq 1 to 3)] AND [COOK eq 1] ; OR
2 : [(STATUS ne 1 to 3)]

BUSPER

1 : [(STATUS eq 2 to 3)] ; OR
2 : [(STATUS ne 1 to 3)]

BUYE

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR

3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTE eq 4 to 998)]

BUYE2

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 3 or VACANCY eq 5) and CONDO ne 2] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1]

BUYF

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTF eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [BILLF eq 2]

BUYF2

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 3 or VACANCY eq 5) and CONDO ne 2] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1]

BUYG

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTG eq 4 to 998)] ; OR
5 : [STATUS eq 1] AND [BILLG eq 2] ; OR
6 : [STATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

BUYG2

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 3 or VACANCY eq 5) and CONDO ne 2] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1]

BUYI

1 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG eq 1] ; OR
2 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG ne 1] ; OR
3 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or VACANCY eq 4)] AND [(RCNTRL eq 1 to 2) or RCNTRL eq 'D' or RCNTRL eq 'R'] ; OR

4 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or VACANCY eq 4)] AND [PROJ eq 1] ; OR
5 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or VACANCY eq 4)] AND [SUBRNT eq 1] ; OR
6 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
7 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
8 : [(STATUS ne 1 to 3)]

BUYO

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTO eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [BILLO eq 2]

BUYO2

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 3 or VACANCY eq 5) and CONDO ne 2] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1]

BUYT

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTT eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [BILLT eq 2]

BUYT2

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
2 : [(STATUS ne 1 to 3)] ; OR
3 : [STATUS eq 1]

BUYW

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [(AMTW eq 4 to 9998)] ; OR
5 : [STATUS eq 1] AND [BILLW eq 2]

BUYW2

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
2 : [(STATUS ne 1 to 3)] ; OR

3 : [STATUS eq 1]

CABNX

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS eq 1] AND [CABREP ne 1] ; OR
5 : [STATUS ne 1]

CABREP

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS ne 1]

CAMF

1 : [(STATUS eq 1 and (TENURE eq 2 to 3)) or ((STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4)))] AND [(NUNIT2 eq 1 to 3)] ; OR
2 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(IFFEE eq 2 or IFFEE eq 'D' or IFFEE eq 'R') and (NUNIT2 eq 1 to 3)] ; OR
3 : [(STATUS eq 1 to 3)] AND [IFFEE eq 2 or IFFEE eq 'D' or IFFEE eq 'R'] ; OR
4 : [(STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5)] AND [MHSTAY eq 2] ; OR
5 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
6 : [(STATUS ne 1 to 3)]

CANVAR

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [NEWMOR eq 2] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

CANVR2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [NEWMR2 eq 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

CARS

1 : [(STATUS eq 2 to 3)] ; OR

2 : [(STATUS ne 1 to 3)]

CELLAR

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 eq 3 to 5)] ; OR
2 : [(STATUS ne 1 to 3)]

CFUEL

1 : [(STATUS eq 1 to 3)] AND [COOK eq 2 and BURNER eq 2 and OVEN eq 2] ; OR
2 : [(STATUS ne 1 to 3)]

CLIMB

1 : [(STATUS eq 1 to 3)] AND [NUNIT2 ne 3] ; OR
2 : [(STATUS ne 1 to 3)]

COKST

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

CONDO

1 : [(STATUS ne 1 to 3)]

COOK

1 : [(STATUS ne 1 to 3)]

CPRICE

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [(LPRICE eq 1 to 999998) or LPRICE eq .D or LPRICE eq .R]
; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [CUSHOM eq 5 or PREOCC eq 1] ; OR
4 : [STATUS eq 1] AND [TENURE ne 1] ; OR
5 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

CRACKS

1 : [STATUS eq 4]

CROPSL

1 : [STATUS ne 1] ; OR
2 : [STATUS eq 1] AND [((NUNIT2 eq 1 to 2) or NUNIT2 eq 4) and QBUS eq 1 and LOT le 44000] ; OR
3 : [STATUS eq 1] AND [((NUNIT2 eq 1 to 2) or NUNIT2 eq 4) and QBUS ne 1] ; OR
4 : [STATUS eq 1] AND [NUNIT2 eq 3 or NUNIT2 eq 5]

CUSHOM

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [(NUNIT2 eq 3 to 5)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [FRSTOC eq '2' or FRSTOC eq 'D' or FRSTOC eq 'R' or REPLHH eq '1'] ; OR
4 : [STATUS eq 1] AND [TENURE ne 1] ; OR
5 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

DAFUR

1 : [(STATUS eq 1 to 3)] AND [AFUR ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

DCOKST

1 : [(STATUS eq 1 to 3)] AND [COKST ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

DELECT

1 : [(STATUS eq 1 to 3)] AND [ELECT ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

DENS

1 : [(STATUS ne 1 to 3)]

DFIRE

1 : [STATUS eq 4] AND [(NOINT ne 30 to 31)] ; OR
2 : [STATUS ne 4]

DFLOT

1 : [(STATUS eq 1 to 3)] AND [FLOT ne 'X'] ; OR

2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

DFRPL

1 : [(STATUS eq 1 to 3)] AND [FPLWK eq 2 or FPLWK eq 'D' or FPLWK eq 'R'] ; OR
2 : [(STATUS eq 1 to 3)] AND [FRPL ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

DFRPLI

1 : [(STATUS eq 1 to 3)] AND [FPLWK eq 2 or FPLWK eq 'D' or FPLWK eq 'R'] ; OR
2 : [(STATUS eq 1 to 3)] AND [FRPLI ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

DFUEL

1 : [(STATUS eq 1 to 3)] AND [DRY eq 2] ; OR
2 : [(STATUS ne 1 to 3)]

DHOTH

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [HOTH ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

DHPMP

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [HPMP ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

DINING

1 : [(STATUS ne 1 to 3)]

DIRAC

1 : [(STATUS eq 2 to 3)] ; OR
2 : [(STATUS ne 1 to 3)] ; OR
3 : [STATUS eq 1] AND [(EXCLUS ne 1 to 10)]

DISAS

1 : [STATUS eq 4] AND [(NOINT ne 30 to 31)] ; OR

2 : [STATUS ne 4]

DISH

1 : [(STATUS ne 1 to 3)]

DISPL

1 : [(STATUS eq 1 to 3)] AND [SINK ne 1] ; OR
2 : [(STATUS ne 1 to 3)]

DOORX

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS eq 1] AND [DORREP ne 1] ; OR
5 : [STATUS ne 1]

DORREP

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS ne 1]

DPLF

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [PLF ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

DRSHOP

1 : [(STATUS ne 1 to 3)] ; OR
2 : [STATUS eq 1] AND [(TENURE eq 2 to 3)]

DRY

1 : [(STATUS ne 1 to 3)]

DSTEAM

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [STEAM ne 'X'] ; OR

3 : [(STATUS ne 1 to 3)]

DSTOVE

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [STOVE ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

DWNPAY

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [CUSHOM eq 5 or PREOCC eq 1] ; OR
3 : [STATUS eq 1] AND [TENURE ne 1] ; OR
4 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

EABAN

1 : [STATUS eq 4]

EAGE

1 : [STATUS eq 4]

EAPTBL

1 : [STATUS eq 4]

EBAR

1 : [STATUS eq 4]

EBARCL

1 : [(STATUS eq 1 to 3)] AND [EABAN eq 4] ; OR
2 : [STATUS eq 4]

EBOARD

1 : [STATUS eq 4]

EBROKE

1 : [STATUS eq 4]

ECOM1

1 : [STATUS eq 4]

ECOM2

1 : [STATUS eq 4]

ECRUMB

1 : [STATUS eq 4]

EGOOD

1 : [STATUS eq 4]

EGREEN

1 : [STATUS eq 4]

EHIGH

1 : [(STATUS eq 1 to 3)] AND [EAPTBL ne 1] ; OR
2 : [STATUS eq 4]

EHOLER

1 : [STATUS eq 4]

EJUNK

1 : [STATUS eq 4]

ELECT

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

ELEV

1 : [(STATUS eq 1 to 3)] AND [NUNIT2 ne 3] ; OR
2 : [(STATUS ne 1 to 3)]

ELOW1

1 : [STATUS eq 4]

ELOW2

1 : [(STATUS eq 1 to 3)] AND [EAPTBL ne 1] ; OR
2 : [STATUS eq 4]

EMID

1 : [(STATUS eq 1 to 3)] AND [EAPTBL ne 1] ; OR
2 : [STATUS eq 4]

EMISSR

1 : [STATUS eq 4]

EMISSW

1 : [STATUS eq 4]

EMOBIL

1 : [STATUS eq 4]

EPRKG

1 : [STATUS eq 4]

EPRKGA

1 : [(STATUS eq 1 to 3)] AND [EPRKG ne 1] ; OR
2 : [STATUS eq 4]

EPRKGR

1 : [(STATUS eq 1 to 3)] AND [EPRKG ne 1] ; OR
2 : [STATUS eq 4]

EPRKGS

1 : [(STATUS eq 1 to 3)] AND [EPRKG ne 1] ; OR
2 : [STATUS eq 4]

EROAD

1 : [STATUS eq 4]

ESAGR

1 : [STATUS eq 4]

ESFD

1 : [STATUS eq 4]

ESLOPW

1 : [STATUS eq 4]

ETRANS

1 : [STATUS eq 4]

EVROD

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 4]

EVRTES

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS eq 1] AND [LDTEST eq 1] ; OR
5 : [STATUS ne 1]

EWATER

1 : [STATUS eq 4]

EXCLUS

1 : [(STATUS eq 2 to 3)] ; OR
2 : [(STATUS ne 1 to 3)]

EXPOSE

1 : [STATUS eq 4] AND [NOINT ne 12 and (NOINT ne 14 to 15)] ; OR
2 : [STATUS ne 4]

FAFUR

1 : [(STATUS eq 1 to 3)] AND [AFUR ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

FAMRM

1 : [(STATUS ne 1 to 3)]

FCOKST

1 : [(STATUS eq 1 to 3)] AND [COKST ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

FELECT

1 : [(STATUS eq 1 to 3)] AND [ELECT ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

FFLIN

1 : [(STATUS eq 1 to 3)] AND [FLIN ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

FFLOT

1 : [(STATUS eq 1 to 3)] AND [FLOT ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

FFRPL

1 : [(STATUS eq 1 to 3)] AND [FPLWK eq 2 or FPLWK eq 'D' or FPLWK eq 'R'] ; OR
2 : [(STATUS eq 1 to 3)] AND [FRPL ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

FFRPLI

1 : [(STATUS eq 1 to 3)] AND [FPLWK eq 2 or FPLWK eq 'D' or FPLWK eq 'R'] ; OR
2 : [(STATUS eq 1 to 3)] AND [FRPLI ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

FHOTH

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [HOTH ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

FHPMP

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [HPMP ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

FIXED

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and (MORTIN eq 1 or MORTIN eq 2 or MORTIN eq 4 or MORTIN eq 'D' or MORTIN eq 'R')] AND [VARY ne 2] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [MORTIN eq 3] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

FIXED2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2 and (MORTN2 eq 1 or MORTN2 eq 2 or MORTN2 eq 4 or MORTN2 eq 'D' or MORTN2 eq 'R')] AND [VARY2 ne 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [MORTN2 eq 3] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

FLIN

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS eq 1 to 3)] AND [ROOM ne 'X'] ; OR
4 : [(STATUS ne 1 to 3)]

FLOODPLN

1 : [(STATUS eq 1 to 3)] AND [EWATER ne 1] ; OR
2 : [STATUS eq 4]

FLOORS

1 : [(STATUS ne 1 to 3)]

FLOT

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS eq 1 to 3)] AND [ROOM ne 'X'] ; OR
4 : [(STATUS ne 1 to 3)]

FLRENT

1 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(IFFEE eq 2 or IFFEE eq 'D' or IFFEE eq 'R') and (NUNIT2 eq 1 to 3) and (CONDO eq 1 to 2)] ; OR
2 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(INCS eq 2 or INCS eq 'D' or INCS eq 'R') and (CONDO eq 3) and (NUNIT2 eq 1 to 3)] ; OR
3 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(NUNIT2 eq 1 to 3) and IFFEE eq 1] ; OR
4 : [(STATUS eq 1 to 3)] AND [INCS eq 2 or INCS eq 'D' or INCS eq 'R'] ; OR
5 : [(STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5)] AND [(OWNLOT2 eq 1 or OWNLOT2 eq 'D' or OWNLOT2 eq 'R') and (NUNIT2 eq 4 to 5)] ; OR
6 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
7 : [(STATUS ne 1 to 3)] ; OR
8 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [LANPMT eq 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1] AND [(OWNLOT1 eq 1 or OWNLOT1 eq 'D' or OWNLOT1 eq 'R') and (NUNIT2 eq 4 to 5)]

FMHOTF

1 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(IFOTHF eq 2 or IFOTHF eq 'D' or IFOTHF eq 'R') and (NUNIT2 eq 4 to 5) and (MHSTAY ne 2)] ; OR
2 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(NUNIT2 eq 1 to 3) and IFFEE eq 1] ; OR
3 : [(STATUS eq 1 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
4 : [(STATUS eq 1 to 3)] AND [IFOTHF eq 2 or IFOTHF eq 'D' or IFOTHF eq 'R'] ; OR
5 : [(STATUS eq 2 to 3)] AND [(NUNIT2 eq 4 to 5) and (VACANCY eq 3 or VACANCY eq 5) and MHSTAY eq 2] ; OR
6 : [(STATUS eq 2 to 3)] AND [(NUNIT2 eq 4 to 5) and (VACANCY ne 1 to 5)] ; OR
7 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
8 : [(STATUS ne 1 to 3)]

FOOD

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
2 : [(STATUS ne 1 to 3)] ; OR
3 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) ge 27 and PAR(L_NO) ne 0 and PAR(L_NO) ne <> and TEN(PAR) eq 'X'] ; OR
4 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) ge 27 and SPOUS(L_NO) ne 0 and SPOUS(L_NO) ne <> and (TEN(SPOUS) eq 'X' or SPOUS_FLG eq 1)] ; OR
5 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) ge 27 and TEN(L_NO) eq 'X'] ; OR
6 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) le 26] ; OR
7 : [STATUS eq 1] AND [AGE(L_NO) le 15] ; OR
8 : [STATUS eq 1] AND [LODSTA eq 2 or LODSTA eq 'D' or LODSTA eq 'R']

FPINS

1 : [(STATUS eq 1 to 3)] AND [FPHEQP ne 1] ; OR
2 : [(STATUS eq 1 to 3)] AND [FPLWK eq 2 or FPLWK eq 'D' or FPLWK eq 'R'] ; OR
3 : [(STATUS ne 1 to 3)]

FPLF

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [PLF ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

FPLWK

1 : [(STATUS ne 1 to 3)]

FPORTH

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [PORTH ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

FREEZE

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [HEQUIP eq 13 or HEQUIP eq .] ; OR
3 : [STATUS eq 4]

FRENT

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
2 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR

5 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1] ; OR
6 : [STATUS eq 1] AND [TENURE eq 3]

FRPL

1 : [(STATUS eq 1 to 3)] AND [FPLWK eq 2 or FPLWK eq 'D' or FPLWK eq 'R'] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

FRPLI

1 : [(STATUS eq 1 to 3)] AND [FPLWK eq 2 or FPLWK eq 'D' or FPLWK eq 'R'] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

FRSIT

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 eq 1 to 3)] ; OR
2 : [(STATUS ne 1 to 3)]

FRSTHO

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [DWNPAY eq '1'] ; OR
3 : [STATUS eq 1] AND [TENURE ne 1] ; OR
4 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

FRSTOC

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [BUILT lt 1990] ; OR
3 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

FSTEAM

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [STEAM ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

FSTOVE

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [STOVE ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

GARAGE

1 : [(STATUS ne 1 to 3)]

GASPI2

1 : [(STATUS eq 2 to 3)] AND [HFUEL ne 2] ; OR
2 : [(STATUS ne 1 to 3)] ; OR
3 : [STATUS eq 1]

GASPIP

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1] AND [BUYG eq 1] ; OR
5 : [STATUS eq 1] AND [USEGAS eq 2 or USEGAS eq 'D' or USEGAS eq 'R']

GPM

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and (MORTIN eq 1 or MORTIN eq 2 or MORTIN eq 4 or MORTIN eq 'D' or MORTIN eq 'R')] AND [VARY ne 2] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [MORTIN eq 3] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

GPM2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2 and (MORTN2 eq 1 or MORTN2 eq 2 or MORTN2 eq 4 or MORTN2 eq 'D' or MORTN2 eq 'R')] AND [VARY2 ne 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [MORTN2 eq 3] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

GPMW

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and (MORTIN eq 1 or MORTIN eq 2 or MORTIN eq 4 or MORTIN eq 'D' or MORTIN eq 'R')] AND [VARY ne 2] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [MORTIN eq 3] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

GPM

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2 and (MORTN2 eq 1 or MORTN2 eq 2 or MORTN2
eq 4 or MORTN2 eq 'D' or MORTN2 eq 'R')] AND [VARY2 ne 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [MORTN2 eq 3] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

GRDMNT

: [(STATUS eq 2 to 3)] ; OR
: [STATUS eq 1] AND [TENURE eq 1] ; OR
: [STATUS eq 4]

ALFB

: [(STATUS ne 1 to 3)]

EBAL1

: [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
: [ST[redacted]S eq 1 and TENURE eq 1 and HENUM ge 1 and HETYP1 ne 1] AND [HETYP1 ne 2] ; OR
[S[redacted]S eq 1 and TENURE eq 1 and HENUM ge 1] AND [HETYP1 eq 2] ; OR
[STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
[STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
[STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
[STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
[STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

EBAL2

[STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
[STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
[STATUS eq 1 and TENURE eq 1 and HENUM ge 2 and HETYP2 ne 1] AND [HETYP2 ne 2] ; OR
[STATUS eq 1 and TENURE eq 1 and HENUM ge 2] AND [HETYP2 eq 2] ; OR
[STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
[STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
[STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
[STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
[STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

EBAL3

[STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
[STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR

3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2] AND [HENUM eq 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 3 and HETYP3 ne 1] AND [HETYP3 ne 2] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 3] AND [HETYP3 eq 2] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
10 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEBAM1

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1 and HETYP1 eq 1] AND [HEBAL1 ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEBAM2

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2 and HETYP2 eq 1] AND [HEBAL2 ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEBAM3

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2] AND [HENUM eq 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 3 and HETYP3 eq 1] AND [HEBAL3 ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HECR1

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HETYP1 ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR

6 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HECR2

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2] AND [HETYP2 ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HECR3

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2] AND [HENUM eq 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 3] AND [HETYP3 ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEINF1

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1 and HEBAL1 ne 2 and HEBAL1 ne 'D' and HEBAL1 ne 'R'] AND [(HEINW1 ne 1 to 25)] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1 and HETYP1 eq 1] AND [HEBAL1 ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEINF2

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2 and HEBAL2 ne 2 and HEBAL2 ne 'D' and HEBAL2 ne 'R'] AND [(HEINW2 ne 1 to 25)] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2 and HETYP2 eq 1] AND [HEBAL2 ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR

9 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEINF3

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2] AND [HENUM eq 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 3 and HEBAL3 ne 2 and HEBAL3 ne 'D' and HEBAL3 ne 'R'] AND [(HEINW3 ne 1 to 25)] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 3 and HETYP3 eq 1] AND [HEBAL3 ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
10 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEINW1

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1 and HETYP1 eq 1] AND [HEBAL1 ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEINW2

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2 and HETYP2 eq 1] AND [HEBAL2 ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEINW3

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2] AND [HENUM eq 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 3 and HETYP3 eq 1] AND [HEBAL3 ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HELMP1

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1 and HETYP1 ne 1] AND [HETYP1 ne 2] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HETYP1 eq 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HELMP2

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2 and HETYP2 ne 1] AND [HETYP2 ne 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2] AND [HETYP2 eq 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HELMP3

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2] AND [HENUM eq 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 3 and HETYP3 ne 1] AND [HETYP3 ne 2] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 3] AND [HETYP3 eq 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
10 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HENUM

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEPMT1

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1 and HETYP1 eq 1] AND [HEBAL1 ne 1] ; OR

3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEPMT2

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2 and HETYP2 eq 1] AND [HEBAL2 ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEPMT3

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2] AND [HENUM eq 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 3 and HETYP3 eq 1] AND [HEBAL3 ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HEQUIP

1 : [(STATUS ne 1 to 3)]

HERE

1 : [STATUS ne 1] ; OR
2 : [STATUS eq 1] AND [(HERE ne .B and REL lt 30)]

HETYP1

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HETYP2

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HETYP3

1 : [STATUS eq 1 and TENURE eq 1 and HEL eq 1] AND [HENUM lt 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 1] AND [HENUM eq 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and HENUM ge 2] AND [HENUM eq 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 4] AND [HEL ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1]

HFUEL

1 : [(STATUS ne 1 to 3)]

HOLES

1 : [STATUS eq 4]

HOTH

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

HOTPIP

1 : [(STATUS ne 1 to 3)]

HOWH

1 : [STATUS ne 1]

HOWN

1 : [STATUS ne 1]

HPMP

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

HUHIS

1 : [(STATUS eq 1 to 4)] AND [INCSAM eq 1] ; OR
2 : [(STATUS eq 1 to 4)] AND [SAMEDU ne 2]

IFBLOW

1 : [(STATUS eq 1 to 3)] AND [NOWIRE eq 3] ; OR
2 : [STATUS eq 4]

IFCOLD

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [FREEZE ne 1] ; OR
3 : [STATUS eq 1] AND [HEQUIP eq 13 or HEQUIP eq .] ; OR
4 : [STATUS eq 4]

IFDRY

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [HOTPIP ne 1] ; OR
3 : [STATUS eq 4]

IFFEE

1 : [(STATUS eq 1 and (TENURE eq 2 to 3)) or ((STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4)))] AND [(NUNIT2 eq 1 to 3)] ; OR
2 : [(STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5)] AND [MHSTAY eq 2] ; OR
3 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
4 : [(STATUS ne 1 to 3)]

IFOTHF

1 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(NUNIT2 eq 1 to 3) and IFFEE eq 1] ; OR
2 : [(STATUS eq 1 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
3 : [(STATUS eq 2 to 3)] AND [(NUNIT2 eq 4 to 5) and (VACANCY eq 3 or VACANCY eq 5) and MHSTAY eq 2] ; OR
4 : [(STATUS eq 2 to 3)] AND [(NUNIT2 eq 4 to 5) and (VACANCY ne 1 to 5)] ; OR

5 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
6 : [(STATUS ne 1 to 3)]

IFSEW

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [PUBSEW ne 1 and (SEWDIS ne 1 to 2)] ; OR
3 : [STATUS eq 4]

IFTLT

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [BATHS lt 2 and TOILET ne 1] ; OR
3 : [STATUS eq 4]

ILEAK

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 4]

INCP

1 : [(STATUS eq 1 to 3)] AND [GARAGE eq 1] ; OR
2 : [(STATUS ne 1 to 3)]

INCS

1 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(IFFEE eq 2 or IFFEE eq 'D' or IFFEE eq 'R') and (NUNIT2 eq 1 to 3) and (CONDO eq 1 to 2)] ; OR
2 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(NUNIT2 eq 1 to 3) and IFFEE eq 1] ; OR
3 : [(STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5)] AND [(OWNLOT2 eq 1 or OWNLOT2 eq 'D' or OWNLOT2 eq 'R') and (NUNIT2 eq 4 to 5)] ; OR
4 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
5 : [(STATUS ne 1 to 3)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [(OWNLOT1 eq 1 or OWNLOT1 eq 'D' or OWNLOT1 eq 'R') and (NUNIT2 eq 4 to 5)] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [(OWNLOT1 eq 2 or OWNLOT1 eq ' ') and MG ne 1 and (NUNIT2 eq 4 to 5)]

INPMT2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

INSPMT

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

INTF

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

INTF2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

INTW

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

INTW2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

INV20K

1 : [STATUS ne 1]

KEXCLU

1 : [(STATUS eq 1 to 3) and (NUNIT2 eq 3 or NUNIT2 eq 5)] AND [SINK ne 1 or REFR ne 1 or (COOK ne 1 and BURNER ne 1 and OVEN ne 1)] ; OR
2 : [(STATUS eq 1 to 3)] AND [NUNIT2 ne 3 and NUNIT2 ne 5] ; OR
3 : [(STATUS ne 1 to 3)]

KITCH

1 : [(STATUS ne 1 to 3)]

LANPMT

1 : [(STATUS eq 1 and TENURE eq 1 and MG ne 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [CONDO eq 3 and INCS eq 1 and (NUNIT2 eq 1 to 3)] ; OR
2 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(IFFEE eq 2 or IFFEE eq 'D' or IFFEE eq 'R') and (NUNIT2 eq 1 to 3) and (CONDO eq 1 to 2)] ; OR
3 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(IFOTHF eq 2 or IFOTHF eq 'D' or IFOTHF eq 'R') and (NUNIT2 eq 4 to 5) and (MHSTAY ne 2)] ; OR
4 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(INCS eq 2 or INCS eq 'D' or INCS eq 'R') and (CONDO eq 3) and (NUNIT2 eq 1 to 3)] ; OR
5 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(NUNIT2 eq 1 to 3) and IFFEE eq 1] ; OR
6 : [(STATUS eq 1 to 3)] AND [IFOTHF eq 1] ; OR
7 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 2) or VACANCY eq 4] ; OR
8 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
9 : [(STATUS ne 1 to 3)] ; OR
10 : [STATUS eq 1] AND [TENURE eq 2] ; OR
11 : [STATUS eq 1] AND [TENURE eq 3]

LAT70S

1 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
2 : [STATUS eq 1] AND [BUILT le 1970 and BUILT ge 1919] ; OR
3 : [STATUS ne 1]

LAUNDY

1 : [(STATUS ne 1 to 3)]

LDMAYB

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS eq 1] AND [RMOVE eq &SURVYEAR or (RMOVE eq (&SURVYEAR-1) and RMOVM ge 9)] ; OR
5 : [STATUS ne 1]

LDTEST

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR

3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS ne 1]

LEAK

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 4]

LIVEAT

1 : [STATUS eq 4] AND [(NOINT eq 30 to 38)]

LIVING

1 : [(STATUS ne 1 to 3)]

LODRNT

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
2 : [(STATUS ne 1 to 3)] ; OR
3 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) ge 27 and PAR(L_NO) ne 0 and PAR(L_NO) ne <> and TEN(PAR) eq 'X'] ; OR
4 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) ge 27 and SPOUS(L_NO) ne 0 and SPOUS(L_NO) ne <> and (TEN(SPOUS) eq 'X' or SPOUS_FLG eq 1)] ; OR
5 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) ge 27 and TEN(L_NO) eq 'X'] ; OR
6 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) le 26] ; OR
7 : [STATUS eq 1] AND [AGE(L_NO) le 15] ; OR
8 : [STATUS eq 1] AND [LODSTA eq 2 or LODSTA eq 'D' or LODSTA eq 'R']

LODSTA

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
2 : [(STATUS ne 1 to 3)] ; OR
3 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) ge 27 and PAR(L_NO) ne 0 and PAR(L_NO) ne <> and TEN(PAR) eq 'X'] ; OR
4 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) ge 27 and SPOUS(L_NO) ne 0 and SPOUS(L_NO) ne <> and (TEN(SPOUS) eq 'X' or SPOUS_FLG eq 1)] ; OR
5 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) ge 27 and TEN(L_NO) eq 'X'] ; OR
6 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) le 26] ; OR
7 : [STATUS eq 1] AND [AGE(L_NO) le 15]

LOON

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and (MORTIN eq 1 or MORTIN eq 2 or MORTIN eq 4 or MORTIN eq 'D' or MORTIN eq 'R')] AND [VARY ne 2] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and VARY eq 2 and FIXED eq 'X' and ARM ne 'X' and GPM ne 'X' and GPMW ne 'X' and BLOON ne 'X' and VARM ne 'X'] AND [ARMASK ne 1] ; OR

3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and VARY eq 2] AND [BLOON ne 'X'] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [MORTIN eq 3] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

LOON2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2 and VARY2 eq 2 and FIXED2 eq 'X' and ARM2 ne 'X' and GPM2 ne 'X' and GPMW2 ne 'X' and BLOON2 ne 'X' and VARM2 ne 'X'] AND [ARMASK2 ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2 and (MORTN2 eq 1 or MORTN2 eq 2 or MORTN2 eq 4 or MORTN2 eq 'D' or MORTN2 eq 'R')] AND [VARY2 ne 2] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2 and VARY2 eq 2] AND [BLOON2 ne 'X'] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [MORTN2 eq 3] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

LOT

1 : [(STATUS eq 1 to 3)] AND [NUNIT2 eq 3 or NUNIT2 eq 5] ; OR
2 : [(STATUS ne 1 to 3)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [(CONDO eq 1 to 2)]

LPRICE

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [(CUSHOM eq 3 to 4)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [CUSHOM eq 5 or PREOCC eq 1] ; OR
4 : [STATUS eq 1] AND [TENURE ne 1] ; OR
5 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

LRENT

1 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(IFFEE eq 2 or IFFEE eq 'D' or IFFEE eq 'R') and (NUNIT2 eq 1 to 3) and (CONDO eq 1 to 2)] ; OR
2 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(INCS eq 2 or INCS eq 'D' or INCS eq 'R') and (CONDO eq 3) and (NUNIT2 eq 1 to 3)] ; OR
3 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(NUNIT2 eq 1 to 3) and IFFEE eq 1] ; OR
4 : [(STATUS eq 1 to 3)] AND [INCS eq 2 or INCS eq 'D' or INCS eq 'R'] ; OR
5 : [(STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5)] AND [(OWNLOT2 eq 1 or OWNLOT2 eq 'D' or OWNLOT2 eq 'R') and (NUNIT2 eq 4 to 5)] ; OR
6 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
7 : [(STATUS ne 1 to 3)] ; OR
8 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [LANPMT eq 1] ; OR

9 : [STATUS eq 1 and TENURE eq 1] AND [(OWNLOT1 eq 1 or OWNLOT1 eq 'D' or OWNLOT1 eq 'R') and (NUNIT2 eq 4 to 5)]

LT25K

1 : [STATUS ne 1]

LTSOK

1 : [(STATUS eq 1 to 3)] AND [NUNIT2 ne 3 and NUNIT2 ne 5] ; OR
2 : [STATUS eq 4]

LTSOK1

1 : [(STATUS eq 1 to 3)] AND [NUNIT2 ne 3 and NUNIT2 ne 5] ; OR
2 : [STATUS eq 4]

LTSOK2

1 : [(STATUS eq 1 to 3)] AND [NUNIT2 ne 3 and NUNIT2 ne 5] ; OR
2 : [STATUS eq 4]

LVALUE

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 eq 4 to 5)] ; OR
3 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [OWNLOT1 eq '2' or OWNLOT1 eq 'D' or OWNLOT1 eq 'R' or OWNLOT1 eq ' '] ; OR
5 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

LVCARP

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [(LIVING ne 1 to 5)] ; OR
3 : [STATUS eq 1] AND [ANYCAR ne 1] ; OR
4 : [STATUS eq 1] AND [ANYRUG ne 1] ; OR
5 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
6 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
7 : [STATUS ne 1]

M3ROD

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [EVROD ne 1] ; OR
3 : [STATUS eq 4]

MAJR1

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE eq 1] ; OR
3 : [STATUS eq 4]

MAJR2

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE eq 1] ; OR
3 : [STATUS eq 4]

MAJR3

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE eq 1] ; OR
3 : [STATUS eq 4]

MARKET

1 : [(STATUS eq 2 to 3)] AND [(VACANCY ne 2 and VACANCY ne 3 and VACANCY ne 5) or
(((VACANCY eq 2 to 3) or VACANCY eq 5) and TIMSHR ne 2)] ; OR
2 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 eq 4 to 5)] ; OR
3 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MARKT ne 1] ; OR
5 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

MARKT

1 : [(STATUS eq 2 to 3)] AND [(VACANCY ne 2 and VACANCY ne 3 and VACANCY ne 5) or
(((VACANCY eq 2 to 3) or VACANCY eq 5) and TIMSHR ne 2)] ; OR
2 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 eq 4 to 5)] ; OR
3 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
4 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

MATBUY

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

MATBY2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR

3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

MCNT

1 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

MCOM

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

MCOM2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

MFARM

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

MFARM2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

MH32

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 eq 3 and NUNITS ne 2) or ((NUNIT2 eq 4 to 5) and TPARK ne 1)] ; OR
2 : [(STATUS ne 1 to 3)]

MH41

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 eq 3 and NUNITS ne 2) or ((NUNIT2 eq 4 to 5) and TPARK ne 1)] ; OR
2 : [(STATUS eq 1 to 3)] AND [MH32 eq 2 or MH32 eq 'D' or MH32 eq 'R'] ; OR
3 : [(STATUS ne 1 to 3)]

MH42

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 eq 3 and NUNITS ne 2) or ((NUNIT2 eq 4 to 5) and TPARK ne 1)] ; OR
2 : [(STATUS eq 1 to 3)] AND [MH32 eq 2 or MH32 eq 'D' or MH32 eq 'R'] ; OR
3 : [(STATUS ne 1 to 3)]

MH43

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 eq 3 and NUNITS ne 2) or ((NUNIT2 eq 4 to 5) and TPARK ne 1)] ; OR
2 : [(STATUS eq 1 to 3)] AND [MH32 eq 2 or MH32 eq 'D' or MH32 eq 'R'] ; OR
3 : [(STATUS ne 1 to 3)]

MH44

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 eq 3 and NUNITS ne 2) or ((NUNIT2 eq 4 to 5) and TPARK ne 1)] ; OR
2 : [(STATUS eq 1 to 3)] AND [MH32 eq 2 or MH32 eq 'D' or MH32 eq 'R'] ; OR
3 : [(STATUS ne 1 to 3)]

MH45

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 eq 3 and NUNITS ne 2) or ((NUNIT2 eq 4 to 5) and TPARK ne 1)] ; OR
2 : [(STATUS eq 1 to 3)] AND [MH32 eq 2 or MH32 eq 'D' or MH32 eq 'R'] ; OR
3 : [(STATUS ne 1 to 3)]

MHOTFE

1 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(IFOTHF eq 2 or IFOTHF eq 'D' or IFOTHF eq 'R') and (NUNIT2 eq 4 to 5) and (MHSTAY ne 2)] ; OR
2 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(NUNIT2 eq 1 to 3) and IFFEE eq 1] ; OR
3 : [(STATUS eq 1 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
4 : [(STATUS eq 1 to 3)] AND [IFOTHF eq 2 or IFOTHF eq 'D' or IFOTHF eq 'R'] ; OR
5 : [(STATUS eq 2 to 3)] AND [(NUNIT2 eq 4 to 5) and (VACANCY eq 3 or VACANCY eq 5) and MHSTAY eq 2] ; OR
6 : [(STATUS eq 2 to 3)] AND [(NUNIT2 eq 4 to 5) and (VACANCY ne 1 to 5)] ; OR
7 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
8 : [(STATUS ne 1 to 3)]

MHSETQ

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
2 : [(STATUS eq 1 to 3)] AND [ANCHOR ne 1] ; OR
3 : [(STATUS ne 1 to 3)]

MHSTAY

1 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(IFFEE eq 2 or IFFEE eq 'D' or IFFEE eq 'R') and (NUNIT2 eq 1 to 3)] ; OR
2 : [(STATUS eq 1 and TENURE eq 1) or ((STATUS eq 2 to 3) and (VACANCY eq 3 or VACANCY eq 5))] AND [(NUNIT2 eq 1 to 3) and IFFEE eq 1] ; OR
3 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 2) or VACANCY eq 4] ; OR
4 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
5 : [(STATUS ne 1 to 3)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [(NUNIT2 eq 4 to 5)] ; OR
7 : [STATUS eq 1] AND [TENURE eq 2] ; OR
8 : [STATUS eq 1] AND [TENURE eq 3]

MICE

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [EVROD ne 1] ; OR
3 : [STATUS eq 1] AND [M3ROD ne 1] ; OR
4 : [STATUS eq 4]

MINR1

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE eq 1] ; OR
3 : [STATUS eq 4]

MINR2

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE eq 1] ; OR
3 : [STATUS eq 4]

MINR3

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE eq 1] ; OR
3 : [STATUS eq 4]

MOPERM

1 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 eq 4 to 5)] ; OR
2 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [(LVALUE eq 1 to 999998) or LVALUE eq .D or LVALUE eq .R] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [OWNLOT1 eq '2' or OWNLOT1 eq 'D' or OWNLOT1 eq 'R' or OWNLOT1 eq ' '] ; OR
5 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

MORTIN

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

MORTN2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

MOVAC

1 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 eq 4 to 5)] ; OR
2 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [(LVALUE eq 1 to 999998) or LVALUE eq .D or LVALUE eq .R] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [OWNLOT1 eq '2' or OWNLOT1 eq 'D' or OWNLOT1 eq 'R' or OWNLOT1 eq ' '] ; OR
5 : [STATUS eq 2] ; OR
6 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

MUSTEL

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS ne 1]

NEWMOR

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [MATBUY ne 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

NEWMR2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [MATBY2 ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

NLEAK1

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [ILEAK ne 1] ; OR
3 : [STATUS eq 4]

NLEAK2

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [ILEAK ne 1] ; OR
3 : [STATUS eq 4]

NOINT

1 : [STATUS ne 4]

NONE

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [See comments] ; OR
3 : [(STATUS ne 1 to 3)]

NOOTHRM

1 : [(STATUS ne 1 to 3)]

NOTSUR

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [EVROD ne 1] ; OR
3 : [STATUS eq 1] AND [M3ROD ne 1] ; OR
4 : [STATUS eq 4]

NOWIRE

1 : [STATUS eq 4]

NROWNR

1 : [(STATUS eq 2 to 3)] AND [(VACANCY ne 2 and VACANCY ne 3 and VACANCY ne 5) or (((VACANCY eq 2 to 3) or VACANCY eq 5) and TIMSHR ne 2)] ; OR
2 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 eq 4 to 5)] ; OR
3 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
4 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

NRPAYM

1 : [(STATUS eq 2 to 3)] AND [(VACANCY ne 2 and VACANCY ne 3 and VACANCY ne 5) or (((VACANCY eq 2 to 3) or VACANCY eq 5) and TIMSHR ne 2)] ; OR
2 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 eq 4 to 5)] ; OR
3 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
4 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

NUMAIR

1 : [(STATUS eq 1 to 3)] AND [AIR eq 2 or AIR eq 'D' or AIR eq 'R'] ; OR
2 : [(STATUS ne 1 to 3)]

NUMBLOW

1 : [(STATUS eq 1 to 3)] AND [NOWIRE eq 3] ; OR
2 : [STATUS eq 1] AND [IFBLOW ne 1] ; OR
3 : [STATUS eq 4]

NUMCOLD

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [(IFCOLD ne 1 to 2)] ; OR
3 : [STATUS eq 1] AND [FREEZE ne 1] ; OR
4 : [STATUS eq 1] AND [HEQUIP eq 13 or HEQUIP eq .] ; OR
5 : [STATUS eq 1] AND [IFCOLD eq 2] ; OR
6 : [STATUS eq 4]

NUMDRY

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [HOTPIP ne 1] ; OR
3 : [STATUS eq 1] AND [IFDRY ne 1] ; OR
4 : [STATUS eq 4]

NUMSEW

1 : [(STATUS eq 2 to 3)] ; OR

2 : [STATUS eq 1] AND [IFSEW ne 1] ; OR
3 : [STATUS eq 1] AND [PUBSEW ne 1 and (SEWDIS ne 1 to 2)] ; OR
4 : [STATUS eq 4]

NUMTLT

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [BATHS lt 2 and TOILET ne 1] ; OR
3 : [STATUS eq 1] AND [IFTLT ne 1] ; OR
4 : [STATUS eq 4]

NUNIT2

1 : [(STATUS eq 1 to 3)] AND [(TYPE eq 10 to 11)] ; OR
2 : [STATUS eq 4] AND [(NOINT eq 1 to 6)] ; OR
3 : [STATUS eq 4] AND [(NOINT eq 10 to 17)] ; OR
4 : [STATUS eq 4] AND [(NOINT eq 30 to 38)]

NUNITS

1 : [(STATUS eq 1 to 3)] AND [(TYPE eq 10 to 11)] ; OR
2 : [STATUS eq 4] AND [(NOINT eq 1 to 6)] ; OR
3 : [STATUS eq 4] AND [(NOINT eq 10 to 17)] ; OR
4 : [STATUS eq 4] AND [(NOINT eq 30 to 38)]

OAFUEL

1 : [(STATUS eq 1 to 3)] AND [AIRSYS eq 2] ; OR
2 : [(STATUS eq 1 to 3)] AND [OARSYS eq 2 or OARSYS eq 'D' or OARSYS eq 'R'] ; OR
3 : [(STATUS ne 1 to 3)]

OARSYS

1 : [(STATUS eq 1 to 3)] AND [AIRSYS eq 2] ; OR
2 : [(STATUS ne 1 to 3)]

OTBUP

1 : [STATUS eq 4] AND [(NOINT eq 1 to 6)] ; OR
2 : [STATUS eq 4] AND [(NOINT eq 10 to 17)] ; OR
3 : [STATUS eq 4] AND [(NOINT eq 30 to 38)]

OTHCLD

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [(IFCOLD ne 1 to 2)] ; OR

3 : [STATUS eq 1] AND [FREEZE ne 1] ; OR
4 : [STATUS eq 1] AND [HEQUIP eq 13 or HEQUIP eq .] ; OR
5 : [STATUS eq 1] AND [IFCOLD eq 2] ; OR
6 : [STATUS eq 4]

OTHEST

1 : [STATUS ne 1]

OTHFN

1 : [(STATUS ne 1 to 3)]

OTHLQ

1 : [(STATUS eq 1 to 3)] AND [(TYPE eq 10 to 11)] ; OR
2 : [(STATUS eq 1 to 3)] AND [TYPE gt 3] ; OR
3 : [STATUS eq 4] AND [(NOINT eq 1 to 6)] ; OR
4 : [STATUS eq 4] AND [(NOINT eq 10 to 17)] ; OR
5 : [STATUS eq 4] AND [(NOINT eq 30 to 38)]

OTHPMT

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

OTHRUN

1 : [(STATUS ne 1 to 3)]

OTLEAK

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [LEAK ne 1] ; OR
3 : [STATUS eq 4]

OTPMT2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

OUTPEL

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS eq 1] AND [OUTPNT ne 1] ; OR
5 : [STATUS ne 1]

OUTPNT

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS ne 1]

OVEN

1 : [(STATUS eq 1 to 3)] AND [BURNER eq 1] ; OR
2 : [(STATUS eq 1 to 3)] AND [COOK eq 1] ; OR
3 : [(STATUS ne 1 to 3)]

OWNHERE

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 eq 4 and TPARK lt 2) or (NUNIT2 eq 1 to 2)]

OWNLOT

1 : [((STATUS eq 1 and (NUNIT2 eq 1 to 3) and TENURE ne 1) or ((STATUS eq 2 to 3) and ((NUNIT2 eq 1 to 3) or MHSTAY eq 2)) or STATUS eq 4)] AND [OWNLOT ne 'B']

PAFUR

1 : [(STATUS eq 1 to 3)] AND [AFUR ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

PAPHLT

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS eq 1] AND [RMOVE eq &SURVYEAR or (RMOVE eq (&SURVYEAR-1) and RMOVM ge 9)] ; OR
5 : [STATUS ne 1]

PCOKST

1 : [(STATUS eq 1 to 3)] AND [COKST ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

PEELAM

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BIGP ne 1] ; OR
4 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
5 : [STATUS eq 1] AND [PEELRM ne 1] ; OR
6 : [STATUS eq 1] AND [PEELSZ eq 1] ; OR
7 : [STATUS ne 1]

PEELSZ

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BIGP ne 1] ; OR
4 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
5 : [STATUS eq 1] AND [PEELRM ne 1] ; OR
6 : [STATUS ne 1]

PELECT

1 : [(STATUS eq 1 to 3)] AND [ELECT ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

PFLOT

1 : [(STATUS eq 1 to 3)] AND [FLOT ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

PFRPL

1 : [(STATUS eq 1 to 3)] AND [FPLWK eq 2 or FPLWK eq 'D' or FPLWK eq 'R'] ; OR
2 : [(STATUS eq 1 to 3)] AND [FRPL ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

PFRPLI

1 : [(STATUS eq 1 to 3)] AND [FPLWK eq 2 or FPLWK eq 'D' or FPLWK eq 'R'] ; OR
2 : [(STATUS eq 1 to 3)] AND [FRPLI ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

PHOTH

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [HOTH ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

PHPMP

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [HPMP ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

PILEAK

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [ILEAK ne 1] ; OR
3 : [STATUS eq 4]

PINCO2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

PINCOP

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

PLEAK

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [ILEAK ne 1] ; OR
3 : [STATUS eq 4]

PLF

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

PLUGS

1 : [(STATUS eq 1 to 3)] AND [NOWIRE eq 3] ; OR
2 : [STATUS eq 4]

PMT

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

PMT2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

PMT3

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL eq 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

PMT4

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL eq 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL eq 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

PORCH

1 : [(STATUS ne 1 to 3)]

PORTH

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

PPLF

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [PLF ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

PRENT

1 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG eq 1] ; OR
2 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG ne 1] ; OR
3 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
4 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
5 : [(STATUS ne 1 to 3)] ; OR
6 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [((RNTADJ eq 1 to 2) or RNTADJ eq 'D' or RNTADJ eq 'R') and PHAFLG ne 1] ; OR
7 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(VCHER eq 2 or VCHER eq 'D' or VCHER eq 'R') and PHAFLG ne 1] ; OR
8 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PROJ eq 'D' and (RENEW eq 1 or RENEW eq 'R') and REPHA ne 2 and PHAFLG ne 1] ; OR
9 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PROJ eq 'D' and (RENEW eq 2 or RENEW eq 'D') and SUBRNT ne 1 and PHAFLG ne 1] ; OR
10 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [SUBRNT eq 2 and PHAFLG ne 1] ; OR
11 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR
12 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1]

PREOCC

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [(CUSHOM eq 1 to 5) or CUSHOM eq 'D' or CUSHOM eq 'R' or CUSHOM eq ' '] ; OR
3 : [STATUS eq 1] AND [TENURE ne 1] ; OR
4 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

PROJ

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
2 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [SUBRNT eq 2 and PHAFLG ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1]

PSTEAM

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [STEAM ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

PSTOVE

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [STOVE ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

PUBSEW

1 : [(STATUS ne 1 to 3)]

PVALUE

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 eq 1 to 2) and CONDO eq 3 and LOT le 440000 and DRSHOP ne 1] ; OR
2 : [(STATUS eq 1 to 3)] AND [(NUNIT2 ne 4 and CONDO ne 3) or NUNIT2 eq 4] ; OR
3 : [(STATUS eq 2 to 3)] AND [(VACANCY ne 2 and VACANCY ne 3 and VACANCY ne 5) or (((VACANCY eq 2 to 3) or VACANCY eq 5) and TIMSHR ne 2)] ; OR
4 : [(STATUS eq 2 to 3)] AND [VACANCY eq 5 and TIMSHR eq 2] ; OR
5 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 eq 4 to 5)] ; OR
6 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [(LVALUE eq 1 to 999998) or LVALUE eq .D or LVALUE eq .R] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [OWNLOT1 eq '2' or OWNLOT1 eq 'D' or OWNLOT1 eq 'R' or OWNLOT1 eq ' '] ; OR
9 : [STATUS eq 1] AND [(TENURE eq 2 to 3)] ; OR
10 : [STATUS eq 3] AND [VACANCY eq 1 or VACANCY eq 2 or VACANCY eq 4] ; OR
11 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

QALIM

1 : [STATUS ne 1]

QBINV

1 : [STATUS ne 1] ; OR
2 : [STATUS eq 1] AND [LT25K eq 1] ; OR
3 : [STATUS eq 1] AND [TOTINC gt 25000]

QBUS

1 : [STATUS ne 1]

QDIV

1 : [STATUS ne 1]

QFS1

1 : [STATUS ne 1] ; OR
2 : [STATUS eq 1] AND [LT25K eq 1] ; OR
3 : [STATUS eq 1] AND [TOTINC gt 25000]

QINT

1 : [STATUS ne 1]

QMEN

1 : [STATUS ne 1]

QOINV

1 : [STATUS ne 1] ; OR
2 : [STATUS eq 1] AND [LT25K eq 1] ; OR
3 : [STATUS eq 1] AND [TOTINC gt 25000]

QOTHER

1 : [STATUS ne 1]

QRENT

1 : [STATUS ne 1]

QSAVNG

1 : [STATUS ne 1] ; OR
2 : [STATUS eq 1] AND [LT25K eq 1] ; OR
3 : [STATUS eq 1] AND [TOTINC gt 25000]

QSS

1 : [STATUS ne 1]

QWELF

1 : [STATUS ne 1]

QWKCMP

1 : [STATUS ne 1]

RAILOK

1 : [(STATUS eq 1 to 3)] AND [(BADSTEP ne 2 to 3)] ; OR
2 : [(STATUS eq 1 to 3)] AND [NUNIT2 ne 3 and NUNIT2 ne 5] ; OR
3 : [STATUS eq 4]

RAILOK1

1 : [(STATUS eq 1 to 3)] AND [NUNIT2 ne 3 and NUNIT2 ne 5] ; OR
2 : [STATUS eq 4]

RAILOK2

1 : [(STATUS eq 1 to 3)] AND [NUNIT2 ne 3 and NUNIT2 ne 5] ; OR
2 : [STATUS eq 4]

RATS

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [EVROD ne 1] ; OR
3 : [STATUS eq 1] AND [M3ROD ne 1] ; OR
4 : [STATUS eq 4]

RCNTRL

1 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG eq 1] ; OR
2 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or VACANCY eq 4)] AND [PROJ eq 1] ; OR
3 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or VACANCY eq 4)] AND [SUBRNT eq 1] ; OR
4 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
5 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
6 : [(STATUS ne 1 to 3)] ; OR
7 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(VCHER eq 2 or VCHER eq 'D' or VCHER eq 'R') and PHAFLG ne 1] ; OR
8 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [APPLY eq 2 and PHAFLG ne 1] ; OR
9 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PHAFLG eq 1] ; OR
10 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PROJ eq 1] ; OR
11 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [REPHA eq 2 and PHAFLG ne 1] ; OR
12 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [VCHER eq 1 and PHAFLG ne 1] ; OR
13 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR
14 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1]

RECRM

1 : [(STATUS ne 1 to 3)]

REFR

1 : [(STATUS ne 1 to 3)]

RENEW

1 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG eq 1] ; OR
2 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG ne 1] ; OR
3 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
4 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
5 : [(STATUS ne 1 to 3)] ; OR
6 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PHAFLG eq 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1]

RENT

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
2 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1] ; OR
6 : [STATUS eq 1] AND [TENURE eq 3]

REPHA

1 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG eq 1] ; OR
2 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG ne 1] ; OR
3 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
4 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
5 : [(STATUS ne 1 to 3)] ; OR
6 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(RENEW eq 2 or RENEW eq 'D' or RENEW eq 'R') and PHAFLG ne 1] ; OR
7 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PHAFLG eq 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1]

RESMOR

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [PINCOP ne 1 and MFARM ne 1 and MCOM ne 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR

4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

RESMR2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [PINCO2 ne 1 and MFARM2 ne 1 and MCOM2 ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

RESPTYP

1 : [STATUS eq 1] AND [(STATUS ne 2 to 3)] ; OR
2 : [STATUS eq 4]

REUAD

1 : [(STATUS eq 1 to 3)] AND [(TYPE eq 10 to 11)] ; OR
2 : [(STATUS eq 1 to 3)] AND [INCSAM eq 0] ; OR
3 : [STATUS eq 4] AND [(NOINT eq 1 to 6)] ; OR
4 : [STATUS eq 4] AND [(NOINT eq 10 to 17)] ; OR
5 : [STATUS eq 4] AND [(NOINT eq 30 to 38)]

RLEAK

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [LEAK ne 1] ; OR
3 : [STATUS eq 4]

RNTADJ

1 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG eq 1] ; OR
2 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG ne 1] ; OR
3 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
4 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
5 : [(STATUS ne 1 to 3)] ; OR
6 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(VCHER eq 2 or VCHER eq 'D' or VCHER eq 'R') and PHAFLG ne 1] ; OR
7 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [APPLY eq 2 and PHAFLG ne 1] ; OR
8 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PHAFLG eq 1] ; OR
9 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PROJ eq 1] ; OR
10 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [REPHA eq 2 and PHAFLG ne 1] ; OR
11 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [VCHER eq 1 and PHAFLG ne 1] ; OR
12 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR
13 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1]

RNTDUE

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
2 : [(STATUS ne 1 to 3)] ; OR
3 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) ge 27 and PAR(L_NO) ne 0 and PAR(L_NO) ne <> and TEN(PAR) eq 'X'] ; OR
4 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) ge 27 and SPOUS(L_NO) ne 0 and SPOUS(L_NO) ne <> and (TEN(SPOUS) eq 'X' or SPOUS_FLG eq 1)] ; OR
5 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) ge 27 and TEN(L_NO) eq 'X'] ; OR
6 : [STATUS eq 1] AND [AGE(L_NO) ge 16 and REL(L_NO) le 26] ; OR
7 : [STATUS eq 1] AND [AGE(L_NO) le 15] ; OR
8 : [STATUS eq 1] AND [LODSTA eq 2 or LODSTA eq 'D' or LODSTA eq 'R']

SAFUR

1 : [(STATUS eq 1 to 3)] AND [AFUR ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

SAL

1 : [STATUS ne 1] ; OR
2 : [STATUS eq 1] AND [(HHMEM ne 1 or AGE lt 16)]

SAMEDU

1 : [(STATUS eq 1 to 4)] AND [INCSAM eq 1]

SCOAL

1 : [(STATUS ne 1 to 3)]

SCOKST

1 : [(STATUS eq 1 to 3)] AND [COKST ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

SELECT

1 : [(STATUS eq 1 to 3)] AND [ELECT ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

SELL

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and (MORTIN eq 4 or MORTIN eq 'D' or MORTIN eq 'R')] AND [BANK ne 2] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [MORTIN ne 4 and MORTIN ne 'D' and MORTIN ne 'R'] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

SELL2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2 and (MORTN2 eq 4 or MORTN2 eq 'D' or MORTN2 eq 'R')] AND [BANK2 ne 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [MORTN2 ne 4 and MORTN2 ne 'D' and MORTN2 ne 'R'] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

SEWDIS

1 : [(STATUS eq 1 to 3)] AND [PUBSEW eq 1] ; OR
2 : [(STATUS ne 1 to 3)]

SEWDUS

1 : [(STATUS eq 1 to 3)] AND [(SEWDIS eq 2 to 5) or SEWDIS eq 'D' or SEWDIS eq 'R'] ; OR
2 : [(STATUS eq 1 to 3)] AND [PUBSEW eq 1] ; OR
3 : [(STATUS ne 1 to 3)]

SFLIN

1 : [(STATUS eq 1 to 3)] AND [FLIN ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

SFLOT

1 : [(STATUS eq 1 to 3)] AND [FLOT ne 'X'] ; OR
2 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
3 : [(STATUS ne 1 to 3)]

SFRPL

1 : [(STATUS eq 1 to 3)] AND [FPLWK eq 2 or FPLWK eq 'D' or FPLWK eq 'R'] ; OR

2 : [(STATUS eq 1 to 3)] AND [FRPL ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

SFRPLI

1 : [(STATUS eq 1 to 3)] AND [FPLWK eq 2 or FPLWK eq 'D' or FPLWK eq 'R'] ; OR
2 : [(STATUS eq 1 to 3)] AND [FRPLI ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

SGAS

1 : [(STATUS ne 1 to 3)]

SHARAT

1 : [(STATUS eq 1 to 3)] AND [(TYPE eq 10 to 11)] ; OR
2 : [(STATUS eq 1 to 3)] AND [NUNIT2 ne 2 and SHARAT ne 1 and SHARFR ne 1] ; OR
3 : [STATUS eq 4] AND [(NOINT eq 1 to 6)] ; OR
4 : [STATUS eq 4] AND [(NOINT eq 10 to 17)] ; OR
5 : [STATUS eq 4] AND [(NOINT eq 30 to 38)]

SHARFR

1 : [(STATUS eq 1 to 3)] AND [(TYPE eq 10 to 11)] ; OR
2 : [(STATUS eq 1 to 3)] AND [NUNIT2 ne 2 and SHARAT ne 1 and SHARFR ne 1] ; OR
3 : [(STATUS eq 1 to 3)] AND [SHARAT eq 1] ; OR
4 : [STATUS eq 4] AND [(NOINT eq 1 to 6)] ; OR
5 : [STATUS eq 4] AND [(NOINT eq 10 to 17)] ; OR
6 : [STATUS eq 4] AND [(NOINT eq 30 to 38)]

SHARPF

1 : [(STATUS eq 1 to 3)] AND [HOTPIP ne 1 and BSINK ne 1 and TOILET ne 1 and TUB ne 1] ; OR
2 : [(STATUS ne 1 to 3)]

SHOTH

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [HOTH ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

SHPMP

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [HPMP ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

SINK

1 : [(STATUS ne 1 to 3)]

SJUICE

1 : [(STATUS ne 1 to 3)]

SKERO

1 : [(STATUS ne 1 to 3)]

SMPEEL

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BIGPEL ne 1] ; OR
4 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
5 : [STATUS eq 1] AND [OUTPEL ne 1] ; OR
6 : [STATUS eq 1] AND [OUTPNT ne 1] ; OR
7 : [STATUS ne 1]

SNDPNT

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [ANYPNT ne 1] ; OR
3 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
4 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
5 : [STATUS ne 1]

SOIL

1 : [(STATUS ne 1 to 3)]

SOTHER

1 : [(STATUS ne 1 to 3)]

SPLF

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [PLF ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

SPORTH

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [PORTH ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

SSTEAM

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [STEAM ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

SSTOVE

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [STOVE ne 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

SSUN

1 : [(STATUS ne 1 to 3)]

STEAM

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

STOVE

1 : [(STATUS eq 1 to 3)] AND [HFUEL eq 9] ; OR
2 : [(STATUS eq 1 to 3)] AND [NONE eq 'X'] ; OR
3 : [(STATUS ne 1 to 3)]

SUBMOR

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

SUBMR2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR

4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

SUBMR3

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL eq 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

SUBMR4

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL eq 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 2] AND [HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL eq 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 3] AND [HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

SUBRNT

1 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG eq 1] ; OR
2 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or VACANCY eq 4)] AND [PROJ eq 1] ; OR
3 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
4 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
5 : [(STATUS ne 1 to 3)] ; OR
6 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PHAFLG eq 1] ; OR
7 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [REPHA eq 2 and PHAFLG ne 1] ; OR
8 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR
9 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1]

SUBRNT1

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
2 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1]

SUBRNT2

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR

2 : [(STATUS ne 1 to 3)]

SWOOD

1 : [(STATUS ne 1 to 3)]

TADJ

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [TASB ne 1 and TPBPAI ne 1 and TRADON ne 1 and TPBPIP ne 1 and TPBSOL ne 1 and TWATER ne 1 and TALWIR ne 1] ; OR
3 : [STATUS eq 1] AND [TENURE ne 1] ; OR
4 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

TALWIR

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE ne 1] ; OR
3 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

TASB

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE ne 1] ; OR
3 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

TAXPMT

1 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

TENURE

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 4] AND [(NOINT eq 10 to 17)] ; OR
3 : [STATUS eq 4] AND [(NOINT eq 30 to 38)]

TERM

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and NEWMOR ne 2] AND [CANVAR eq 'X'] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

TERM2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2 and NEWMR2 ne 2] AND [CANVR2 eq 'X'] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

TIMSHR

1 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 eq 4 to 5)] ; OR
2 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [(LVALUE eq 1 to 999998) or LVALUE eq .D or LVALUE eq .R] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [OWNLOT1 eq '2' or OWNLOT1 eq 'D' or OWNLOT1 eq 'R' or OWNLOT1 eq ' '] ; OR
5 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

TOILET

1 : [(STATUS ne 1 to 3)]

TPARK

1 : [(STATUS eq 1 to 3)] AND [(NUNIT2 eq 1 to 3)] ; OR
2 : [(STATUS ne 1 to 3)]

TPBPAI

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE ne 1] ; OR
3 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

TPBPIP

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE ne 1] ; OR
3 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

TPBSOL

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE ne 1] ; OR
3 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

TRADON

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE ne 1] ; OR
3 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

TRASH

1 : [(STATUS ne 1 to 3)]

TREP

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1 and TENURE eq 1] AND [TASB ne 1 and TPBPAI ne 1 and TRADON ne 1 and TPBPIP ne 1 and TPBSOL ne 1 and TWATER ne 1 and TALWIR ne 1] ; OR
3 : [STATUS eq 1] AND [TENURE ne 1] ; OR
4 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

TRUCKS

1 : [(STATUS eq 2 to 3)] ; OR
2 : [(STATUS ne 1 to 3)]

TUB

1 : [(STATUS ne 1 to 3)]

TWATER

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE ne 1] ; OR
3 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

TXPMT2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

TXRE

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 2) or VACANCY eq 4] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR

4 : [(STATUS ne 1 to 3)] ; OR
5 : [STATUS eq 1] AND [TENURE eq 2] ; OR
6 : [STATUS eq 1] AND [TENURE eq 3]

TYPE

1 : [STATUS eq 4] AND [(NOINT eq 30 to 38)]

UNITSF

1 : [(STATUS ne 1 to 3)]

USEGAS

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 1 to 5)] ; OR
2 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
3 : [(STATUS ne 1 to 3)]

USFCAM

1 : [((STATUS eq 1 to 3) and (SAMEDU eq 1 or INCSAM eq 0 or (IISTATUS eq 1 to 3)))] AND [USFCHG ne 1] ; OR
2 : [(STATUS ne 1 to 3)]

USFCHG

1 : [(STATUS eq 1 to 3)] AND [SAMEDU eq 2 or INCSAM eq 1 or IISTATUS eq 4] ; OR
2 : [(STATUS ne 1 to 3)]

VACANCY

1 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 eq 4 to 5)] ; OR
2 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [(LVALUE eq 1 to 999998) or LVALUE eq .D or LVALUE eq .R] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [OWNLOT1 eq '2' or OWNLOT1 eq 'D' or OWNLOT1 eq 'R' or OWNLOT1 eq ' '] ; OR
5 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

VACVAC

1 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
2 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
3 : [(STATUS ne 1 to 3)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1] ; OR

6 : [STATUS eq 1] AND [TENURE eq 2] ; OR
7 : [STATUS eq 1] AND [TENURE eq 3]

VALUE

1 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 eq 4 to 5)] ; OR
2 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
3 : [STATUS eq 1] AND [(TENURE eq 2 to 3)] ; OR
4 : [STATUS eq 3] AND [VACANCY eq 1 or VACANCY eq 2 or VACANCY eq 4] ; OR
5 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

VARM

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and (MORTIN eq 1 or MORTIN eq 2 or MORTIN eq 4 or MORTIN eq 'D' or MORTIN eq 'R')] AND [VARY ne 2] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [MORTIN eq 3] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

VARM2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2 and (MORTN2 eq 1 or MORTN2 eq 2 or MORTN2 eq 4 or MORTN2 eq 'D' or MORTN2 eq 'R')] AND [VARY2 ne 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [MORTN2 eq 3] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

VARY

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [MORTIN eq 3] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
3 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

VARY2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [MORTN2 eq 3] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

VCHER

1 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG eq 1] ; OR
2 : [(STATUS eq 2 to 3) and ((VACANCY eq 1 to 2) or (VACANCY eq 4))] AND [PHAFLG ne 1] ; OR
3 : [(STATUS eq 2 to 3)] AND [(VACANCY eq 6 to 11)] ; OR
4 : [(STATUS eq 2 to 3)] AND [VACANCY eq 3 or VACANCY eq 5] ; OR
5 : [(STATUS ne 1 to 3)] ; OR
6 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [APPLY eq 2 and PHAFLG ne 1] ; OR
7 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PHAFLG eq 1] ; OR
8 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PROJ eq 'D' and (RENEW eq 1 or RENEW eq 'R') and REPHA ne 2 and PHAFLG ne 1] ; OR
9 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PROJ eq 'D' and (RENEW eq 2 or RENEW eq 'D') and SUBRNT ne 1 and PHAFLG ne 1] ; OR
10 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [PROJ eq 1] ; OR
11 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [SUBRNT eq 2 and PHAFLG ne 1] ; OR
12 : [STATUS eq 1 and TENURE eq 1] AND [BUYI eq 1] ; OR
13 : [STATUS eq 1 and TENURE eq 1] AND [BUYI ne 1]

VOTHER

1 : [STATUS ne 1] ; OR
2 : [STATUS eq 1] AND [(QBUS eq '2' and QSS eq '2' and QINT eq '2' and QDIV eq '2' and QRENT eq '2' and QWELF eq '2' and QALIM eq '2' and QWKCMP eq '2' and QOTHER eq '2')]

WALLX

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS eq 1] AND [WALREP ne 1] ; OR
5 : [STATUS ne 1]

WALREP

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS ne 1]

WASH

1 : [(STATUS ne 1 to 3)]

WATER

1 : [(STATUS ne 1 to 3)]

WATERD

1 : [(STATUS eq 1 to 3)] AND [WATERS eq 1 or WATERS eq 'D' or WATERS eq 'R'] ; OR
2 : [(STATUS ne 1 to 3)] ; OR
3 : [STATUS eq 2 or STATUS eq 3] AND [WATERS eq 2]

WATERS

1 : [(STATUS ne 1 to 3)]

WELDUS

1 : [(STATUS eq 1 to 3)] AND [WATER eq 7] ; OR
2 : [(STATUS ne 1 to 3)]

WELL

1 : [(STATUS eq 1 to 3)] AND [WATER eq 1 or (WATER eq 3 to 5)] ; OR
2 : [(STATUS eq 1 to 3)] AND [WATER eq 6] ; OR
3 : [(STATUS eq 1 to 3)] AND [WATER eq 7] ; OR
4 : [(STATUS ne 1 to 3)]

WFPROP

1 : [(STATUS eq 1 to 3)] AND [EWATER ne 1] ; OR
2 : [STATUS eq 4]

WFUEL

1 : [(STATUS eq 1 to 3)] AND [HOTPIP ne 1] ; OR
2 : [(STATUS ne 1 to 3)]

WHNGET

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [TENURE ne 1] ; OR
3 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

WHYCD1

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [(IFCOLD ne 1 to 2)] ; OR
3 : [STATUS eq 1] AND [FREEZE ne 1] ; OR
4 : [STATUS eq 1] AND [HEQUIP eq 13 or HEQUIP eq .] ; OR
5 : [STATUS eq 1] AND [OTHCLD ne 1 and IFCOLD ne 2] ; OR
6 : [STATUS eq 4]

WHYCD2

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [(IFCOLD ne 1 to 2)] ; OR
3 : [STATUS eq 1] AND [FREEZE ne 1] ; OR
4 : [STATUS eq 1] AND [HEQUIP eq 13 or HEQUIP eq .] ; OR
5 : [STATUS eq 1] AND [OTHCLD ne 1 and IFCOLD ne 2] ; OR
6 : [STATUS eq 4]

WHYCD3

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [(IFCOLD ne 1 to 2)] ; OR
3 : [STATUS eq 1] AND [FREEZE ne 1] ; OR
4 : [STATUS eq 1] AND [HEQUIP eq 13 or HEQUIP eq .] ; OR
5 : [STATUS eq 1] AND [OTHCLD ne 1 and IFCOLD ne 2] ; OR
6 : [STATUS eq 4]

WHYCD4

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [(IFCOLD ne 1 to 2)] ; OR
3 : [STATUS eq 1] AND [FREEZE ne 1] ; OR
4 : [STATUS eq 1] AND [HEQUIP eq 13 or HEQUIP eq .] ; OR
5 : [STATUS eq 1] AND [OTHCLD ne 1 and IFCOLD ne 2] ; OR
6 : [STATUS eq 4]

WHYCD5

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [(IFCOLD ne 1 to 2)] ; OR
3 : [STATUS eq 1] AND [FREEZE ne 1] ; OR
4 : [STATUS eq 1] AND [HEQUIP eq 13 or HEQUIP eq .] ; OR
5 : [STATUS eq 1] AND [OTHCLD ne 1 and IFCOLD ne 2] ; OR
6 : [STATUS eq 4]

WINREP

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS ne 1]

WINX

1 : [STATUS eq 1] AND [(LAT70S eq 8 to 9)] ; OR
2 : [STATUS eq 1] AND [BEAF78 eq 2] ; OR
3 : [STATUS eq 1] AND [BUILT ge 1980 and BUILT le (&SURVYEAR + 1)] ; OR
4 : [STATUS eq 1] AND [WINREP ne 1] ; OR
5 : [STATUS ne 1]

WLEAK

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [LEAK ne 1] ; OR
3 : [STATUS eq 4]

WTRHRL

1 : [(STATUS eq 2 to 3)] ; OR
2 : [STATUS eq 1] AND [ILEAK ne 1] ; OR
3 : [STATUS eq 4]

YRMOR

1 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1 and MATBUY eq 1] AND [NEWMOR ne 2] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 1] AND [NEWMOR eq 2] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

YRMOR2

1 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL eq 1] ; OR
2 : [STATUS eq 1 and TENURE eq 1 and MCNT eq 1] AND [HEL ne 1] ; OR
3 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2 and MATBY2 eq 1] AND [NEWMR2 ne 2] ; OR
4 : [STATUS eq 1 and TENURE eq 1 and MCNT ge 2] AND [NEWMR2 eq 2] ; OR
5 : [STATUS eq 1 and TENURE eq 1 and MG eq 1] AND [(MCNT ne 1 to 7)] ; OR
6 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1 and HEL ne 1] ; OR
7 : [STATUS eq 1 and TENURE eq 1] AND [MG ne 1]

YRRND

1 : [(STATUS eq 2 to 3)] AND [(VACANCY ne 8 to 11)] ; OR
2 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 eq 4 to 5)] ; OR
3 : [STATUS eq 1 and (TENURE eq 2 to 3)] AND [(NUNIT2 ne 4 to 5)] ; OR
4 : [STATUS eq 1 and TENURE eq 1] AND [(LVALUE eq 1 to 999998) or LVALUE eq .D or LVALUE eq .R] ; OR
5 : [STATUS eq 1 and TENURE eq 1] AND [OWNLOT1 eq '2' or OWNLOT1 eq 'D' or OWNLOT1 eq 'R' or OWNLOT1 eq ' '] ; OR

6 : [STATUS eq 4] AND [(STATUS ne 1 to 3)]

ZINCH

1 : [STATUS ne 1]

ZINCN

1 : [STATUS ne 1] ; OR
2 : [STATUS eq 1] AND [ZINCH eq 1]

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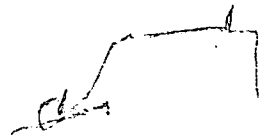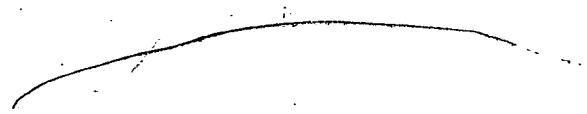
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