

# Codebook for the American Housing Survey

## Volume 3: 1997 SAS Files & Questionnaire

Draft, September 28, 1998

U.S. Department of Housing & Urban Development, Office of Policy Development & Research  
U.S. Department of Commerce, Bureau of the Census  
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The document is *NOT* designed to be read from a computer screen. You can order a printed copy (see Where to Get AHS Data) or print it yourself. The tabs & margins are designed for printing with a narrow font like Times Roman 8 point (approximately 17 characters per inch). With any larger fonts, the rows & columns of information will not line up. The questions themselves (pages 13-158) need a fixed spacing font like Line Printer, Elite, or Courier, with  $\geq 16$  cpi or  $\leq 8$  point and  $\geq 79$  lines per page. Page numbers are built into those pages, for compatibility with the index. Check spacing (such as pages 9, 13 and 42) before printing, since word processors do not always choose the correct equivalents from the fonts available on your machine.

After you get a printed book, you can still search the computer file for particular words. Except for uncommon words, the printed alphabetical index at the back will often be more convenient. It organizes page references by module, to help you find the most relevant entries quickly.

### Revision History:

<u>Date</u>	<u>Documentation</u>	<u>File Changes, if any</u>
9/28/98	Small changes in pp. 4-8, 243, & Appendix C	
7/14/98	Two files and a list of edit variables were added to How to Use This Codebook. Appendix A added and C revised. Further corrections in METRO and SMSA.	
4/22/98	Section on Problems in 1997 Questions was expanded. Major Recodes revised. Error fixed in DEGREE. Items removed 3/1 are correctly documented now. Major new section added on Computed items. Appendix B has revised description of noninterview, new construction, & demographic adjustments. Appendix C added. Edits & allocations expanded & revised. Alphabetical index expanded to cover the new section on Computed items. Internet version has improved spacing & further corrections in METRO & SMSA.	
3/1/98		10-20 more variables taken off public file (reverse annuity mortgages, disasters) to protect confidentiality

## Where to Get AHS Data

Source & Address	Telephone	Books	Microdata
<b>HUD User</b> Box 6091 Rockville, MD 20850 huduser@aspensys.com see web address below	800-245-2691 301-519-5154 TDD 800-877-8674 Fax 301-519-5767	National, Metro, Codebooks: \$5 (costs more if out of print) Questionnaire Directory: \$25 Questionnaire Compendium: \$60	National & Metro Tapes & CD-ROMs 1985 & later: \$100-150
<b>Customer Services</b> Bureau of the Census Washington, DC 20233-8500 orders@census.gov see web address below	301-457-4100 TDD 301-457-4611 Fax 888-249-7295	Metro: \$10-20 Codebook vol.1: \$40	National & Metro Tapes, late 1970s & later: \$175 CD-ROMs: \$150
<b>Superintendent of Documents</b> Government Printing Office Washington, DC 20402-9326 Ask for Census Bureau series H150 and H151. Depository libraries may order prefix C3:215.	202-512-1800 Fax 202-512-2250	Recent National: \$20-51	
<b>National Archives</b> 8601 Adelphi Rd. College Park, MD 20740 cer@nara.gov	301-713-6645		National & Metro Tapes & CD-ROMS 1974-88: \$90
<b>National Technical Information Service</b> 5285 Port Royal Road Springfield, VA 22161 orders@ntis.fedworld.gov	800-553-6847 703-605-6000 TDD 703-605-6043 Fax 703-321-8547	Most Books: Paper: \$30-60 Microfiche: \$16-24	
<b>INTERNET</b> Type addresses in lower case  huduser.org/data/other/ahs.html   www.census.gov/hhes/www/ahs.html  www.ntis.gov	   800-245-2691     703-605-6585	   National, Metro, Analytical & Codebooks: 1994 & later (except questionnaires): Download Free Paper copies can be ordered online: \$5   Most Books: Paper & microfiche can be ordered online: \$16-60	National & Metro 1995 & later: Free    National 1993: Free

**Libraries** often keep U.S. documents published by the Superintendent of Documents in a special catalog; national books will be there. Metropolitan books may be in the general catalog, since these are published by HUD and the Census Bureau, not the Superintendent of Documents. See Appendix C for changes in the number of national books published each year and their subjects.

*Codebook for the American Housing Survey*, is currently in three volumes, available as shown above. We strongly recommend ordering paper copies: they cost \$5 each and are much easier to browse and annotate than electronic copies.

*Volume 1*, 466 pages + 1 errata page, last published in 1990 without a volume number, shows variables & codes from 1973-93

*Volume 2*, 90 pages, last published in 1998, shows new & changed variables in 1995-96, and final record layouts for 1984-96.

*Volume 3*, 220 pages, shows variables & codes used, starting in 1997, along with actual question wording; this is the only place the full 1997 questionnaire is available.

For a description of other books published, see Appendix C under the headings "Books" and "Questionnaires."

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\* Only the starred sections give data for both occupied and vacant units. Other sections only give data for occupied units.

## Background

The American Housing Survey (AHS, formerly Annual Housing Survey) can answer many of your questions about U.S. people and homes. It gives you 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 each year. The survey started in 1973, and has had the same sample since 1985, letting you see homes and households changing over the years. In some metropolitan areas we have additional samples every 4-6 years, to measure local conditions. The surveys are conducted in person and on telephone by the Bureau of the Census for the U.S. Department of Housing and Urban Development.

The computer files contain raw data from each interview ("microdata"), which can be added up to estimate the number of homes, households or people in different situations. In thus adding up cases, it is important to count each case by its "weight." Each interview in the sample represents a varying number of other homes, as described in Appendix B, and the variable WEIGHT adjusts for this. Compare totals you find from the file to published numbers, to be sure you have used the file correctly. Numbers should match fairly closely, except in high categories of financial variables, where the top code in the file is limited to protect confidentiality.<sup>1</sup>

## How to Use This Codebook

This volume shows the questions used in the survey. Most of the answers appear in the printed publication and the computer files available for further analysis. Initially files will be released in SAS® C-port format, readable by many software packages. At a later time they will be released in ASCII format, at which time item locations and lengths will be documented.

Some questions are probes, not useful in themselves, but printed here to show the context of the other questions, and to show the clarifications available to the interviewer and respondent during the interview. Starting in 1997, the American Housing Survey questionnaire is embedded in a computer program which runs on interviewers' portable computers.

Most questions have **new wording** in 1997, compared to earlier surveys, and many new answer categories and new questions are available. These can be found by means of the **alphabetical index**, or by browsing in the different sections of this *Codebook Volume 3*.

The **geography** chapter shows for each item:

Sequence number (numbering is not the same as in *Codebook Volume 1*)

ITEM NAME (in capitals)

Past surveys when the item has also been available (for example 73N+ means 1973 and later National surveys; 74S+ means 1974 and later metropolitan Statistical area surveys)

Description (including changes in codes over the years)

**Other chapters** show for each item:

1997 questionnaire location (a text item, used in 1997 skip instructions)

1995 questionnaire location (a number, printed in a square box next to each item on the 1995 paper questionnaire; "comp" means the item was computer-generated and was not on the questionnaire; blank means this item has not been matched to an item in the 1995 survey)

File type, showing which of several files the item is in; all files can be linked by control number (CONTROL); the Person and Worker files can further be linked by Line Number (PLINE):

Numeric Items	Character Items	
B	b	Housing Unit Record (Main Record)
D	d	Person Record
E	e	Worker Record
F	f	Work Done Record: replacement or addition to the house
H	h	Mover Group Record
I	i	Mortgage or Loan Record (Owners Only)
J	j	Manager & Owner Record (Renters Only)
K	k	Recodes, one record per housing unit
L	l	Weights, one record per housing unit
V	v	Virtually Useless Items, used at Census Bureau, not on public files
W	w	Warnings, Probes, Help Screens & Other Items, used only inside the questionnaire

<sup>1</sup>Also beware that standard errors calculated by most statistics packages are greatly underestimated since they use the weighted total as the sample size. For good estimates of errors, see Appendix D. For approximations from your statistical packages, weight by WEIGHT/3850, which reduces the weighted total to the effective sample size.

If the file type is blank it has not been determined, but will usually be w.

ITEM NAME (in capitals)

Sequence number, for items on public use file (numbering is not the same as in *Codebook Volume 1* & will change in future editions)

Description, including question wording and answer categories. Missing values will include:

.	blank	Not Applicable (questions not reached in the flow of the questionnaire; this includes primarily cases where questions were not designed to be asked, like mortgage questions among renters; it also includes a few cases where the interview ended early, so the questions were not reached) or Refused or Don't know on "Mark all that apply" items
.R	R	Refused (where the question was reached, but the respondent refused to answer specific items)
.D	D	Don't Know
.B	B	Not applicable (generated by Census Bureau)

In items that are described as "Mark all that apply" the items marked in a particular interview contain "X" for that household; others contain blank. Thus missing data in "Mark all that apply" items are indicated by having blanks in the entire series, with no X on any item in the series.

On public use files, to protect respondents' confidentiality, financial items and the number of stories in each structure are top-coded at the 97th percentile of the distribution.

**Consistent names.** The item names on the public use file are usually six characters or shorter, except for a few very old names which are 7 characters, and except for mistakes which will be corrected. HUD processes the data in FORTRAN-77 and is limited to 6-character names, and we want HUD as well as outside users to be able to use the same item names for ease of communication. The first six characters always uniquely identify a variable.

We have tried to use the same names as in the past for items which measure approximately the same topics, though the meanings may not be exactly the same.

One significant change is that past files had several item names when there were items on several people in a household. For example SAL1, SAL2, ..., SAL15 were the names for salaries of the 1st to 15th person in a housing unit. Now there is a separate record for each person, and the same name, SAL, for anyone's salary. If you are analyzing the file of person records, you can use just this name.

If you want to append all household members' salaries to the main housing unit record, you can name them as SAL1 to SAL15, or SAL(1) to SAL(15); there are rarely over 15 people in a housing unit.

The same naming conventions apply to RACE, AGE, and other variables that used to be repetitively named. Note that RENT1, FRENT1 and RAC1 could not be renamed as RENT, FRENT and RAC, since those names were already in use, so they are LODRNT, RNTDUE and RAD. All these names are shown next to the appropriate questions in this book.

This is a draft *Codebook Volume 3*, to accompany a draft file, so variable names may not yet match between these two products, and may not match earlier files. We will appreciate hearing of problems and suggested solutions, and we continue to work to make all the AHS products as consistent and useful as possible.

**Codes for missing data.** The missing value codes shown above, containing periods and/or letters, are used in SAS files. They will be converted in ASCII files to: -9, -8, -7, -6 respectively, except in variables where the other codes do not exceed 5, where we will use 9, 8, 7, 6 respectively, to keep the coding in one column. Any question where negative values are documented will have true codes of -9, -8, -7, -6 changed to -5, to avoid ambiguity.

The file shows when an item is not applicable to a case, with the code "." or blank, given above. The precise instructions for when the computer skips questions are not yet documented here. We hope to include these eventually. In the meantime one can find the cases on the microdata file, or read the **questionnaire computer code** itself, which has commands after every question for where to go next, depending on the pattern of answers that have been given so far. The questionnaire computer program (in ASCII, so it can be browsed by any word processor) can be downloaded from the same web site as this *Codebook Volume 3*. The sections of this book parallel the modules of the questionnaire, which are in separate computer files, and their names are given in the Table of Contents.

When an answer in any variable is changed by allocating or editing it (see Appendix E), another variable is set to 1=edited or 2=allocated (0=unchanged). This allocation 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. These J variables are not listed in this *Codebook*, but are present in the same files as the substantive variables. The following variables have slightly non-standard names for the J variables, to avoid ambiguity:

<u>Variable</u>	<u>Jvariable</u>	pfrpli	jpfpli	scookst	jscook	qother	jqothr	armask2	jrmask2	wmfnft1	jmnft1
		sfrpli	jsfpli	pcookst	jpcook	vother1	jvoth1	twater	jtwater	wmpriv2	jmprv2
numcold	jnmcl	ffrpli	jffpli	fcookst	jfcook	vother2	jvoth2	lprice	jlpric	wmownr2	jmwnr2
num3tit	jum3tl	spfuel1	jfuel1	ssteam	jsstea	vother	jvothr	cprice	jcpric	wmcndo2	jmcnd2
pileak	jpilea	spfuel2	jfuel2	psteam	jpstea	gnlossq	jnloss	lvalue	jlvalu	wmrepr2	jmrep2
numblow	jnumblw	spfuel3	jfuel3	fsteam	jfstea	dupincp	jupinc	pvalue	jpvalu	wmgovt2	jmgvt2
imaint	jimain	sstove	jsstov	airsys2	jirsy2	mbuilt	jmbilt	vacancy	javacan	wmgovp2	jmgvp2
omaint	jomain	pstove	jpstov	oarsys2	joars2	ltsqftq	jtsqft	nrpaymb	jpaymb	wmfnft2	jmnft2
kfexclu	jkfexc	fstove	jfstov	oafuel2	joaf2	wmetrin	jwmetr	wmpriv1	jmprv1	ownlot1	jwnlt1
sewdisq	jswdsq	sporth	jsporh	numair2	jumar2	ramort	jrmort	wmgovt1	jmgvt1	ownlot2	jwnlt2
plmfcp1	jplfp1	fporth	jfporh	confeeq	jnfeeq	mortins	jortin	wmownr1	jmwnr1	okitch	jokitc
plmfcp2	jplfp2	select	jselec	flrent	jflrnt	canvar2	janvr2	wmcndo1	jmcnd1		
drwater	jdwrtr	pelect	jpelec	lodstat	jlodst	taxpmt2	jxpmt2	wmrepr1	jmrep1		
oafuel	joafue	felect	jfelec			bloon2	jblon2	wmgovp1	jmgvp1		

**Differences from the Past.** The 97N was the first AHS where interviews were done entirely on laptop computers. At the same time, many questions were changed, resulting in non-comparable data. Many items have changed wording, either in the question or the answers. Many of these changed questions naturally give different results from the past. The *Codebook Vol. 3* shows 1997 wording. Previous reports and *Codebook Vols. 1-2* show previous wording.

Many items that kept the same wording also show significantly different results this year. We are still trying to find out which of these apparent changes are programming errors that can be fixed, and which are results of the new laptop questionnaire. For example twice as many units are reported to be condominiums (answer 2 in CONDO on the questionnaire), and the Census Bureau thinks some interviewers may have pressed 2 to mean "No," not noticing that 2 in this question means "Condominium."

Interviewers used to observe & report external conditions of buildings and features present within 300 feet. These are now questions posed to the respondents, and respondents report many more conditions and features than the interviewers used to report. We do not know who was right, but researchers who have used the interviewer observations as an independent check on housing quality, need to realize these items are now collected from respondents, and no independent reports are available.

**Implications.** The first AHS, in 1973, had numerous problems which were gradually corrected with experience in later years. The change to a laptop questionnaire in 1997 was meant to improve quality, and also has numerous problems that will be corrected in later years. A set of 1997 publication tables is being annotated to show the extent of change from 1993 and 1995 to 1997. We expect to put this comparison on Internet.

**Problems in 1997 Questions.** When problems exist in the questionnaire there are sometimes ways to correct the data. The number of known irremediable problems is quite small. They include the following:

1. Reason unit changed size (UPDT4) -- the skip instruction is reversed at UPDT3, therefore we do not collect information on the reason the unit changed size if the previous questions on conversion to more units, merger to fewer units, and conversion of non-residential space are all "no." This is not a publication item and should have no effect on the public use file. The number of cases that should have reached this item should be quite small.
2. Land rent frequency and amount (HCST6c and HCST6d) -- the skip instruction in item HCST6b is reversed, so that if land rent is NOT paid with the mortgage we do not get the frequency nor amount of the payment. (Please note that this item is land rent, not mobile home park fee.) This is a publication item and the data will be damaged, that is, more allocations will be needed than usual. The entire universe doesn't miss the question since renters and mobile home owners followed a different path through the instrument. The households who should be asked, but miss the question are: owner-occupied units, not in mobile homes nor condominiums nor cooperatives, and who do have land rent, but not homeowners' association fees.
3. Business rooms -- the specifications for the rooms questions mistakenly dropped finding out whether any room in the unit was used both for business space and other purposes. We substituted finding out if any office room in the unit was used for other purposes. Since the specifications were incorrect, the instrument also misses discovering whether any room is shared business space. This was a publication item in 1995 National and must be suppressed in 1997 National.
4. Recent mover information -- due to a programming glitch some recent mover households have ended up with some or all of the questions related to mover groups left blank (these include information on previous location, type of previous structure, previous tenure, and the like). We believe that the error has occurred at households where the FR attempted to back up in the interview after completing part of the recent mover module. Research is underway to determine how many interviews were involved. Currently it is not believed that a large number of cases are involved.

5. Number of years to pay off mortgage (MORT4g) -- an error in the qcode prevents owners with a variable LENGTH mortgage from being asked, "At your current payments, how long would it take to pay off the loan?". We do obtain this information for all owners with fixed-length mortgages with a term of 14 years or less. The responses from item MORT4g are not published as a separate data item, but may be used in the calculations for 'Total Outstanding Principal Amount' and 'Current Total Loan as Percent of Value.'
6. Sewage breakdown (BRKDN5a) -- an error in the coding for BRKDNCK5a causes households which have public sewers and that have reported inside water leaks to miss being asked if they have had a sewage breakdown. The bulk of the households eligible for item BRKDN5a -- Units with sewer connections and no water leaks, as well as units with septic tanks or cesspools (regardless of water leaks) - do get asked the sewage breakdown questions. The sewage breakdown item is a publication item.
7. Toilet breakdown (BRKDN3a) -- because a set of incorrect fills were displayed to the FRs, households with more than 1 toilet were asked if they had ever had a breakdown 'in their toilet', instead of the proper question, if they had ever had a breakdown 'in all their toilets'. Therefore the data for households with multiple toilets does not reflect toilet breakdowns accurately. The toilet breakdown item is a publication item and is also used to define **'moderate plumbing problems'**.
8. Occupancy status for type A noninterviews -- this item was sc0060 (item 8) on the paper document, but was accidentally omitted from the 97N instrument. This is not a publication item but is used in the weighting. I believe that DSMD uses the prior year occupancy status in the current year type A factors. So for 1997, there is no problem since the 1995 occupancy status is available. In 1999, there may be some type A's for which the 1997 occupancy status will be missing (since they were 1997 type A's) and some allocation scheme will be needed.
9. Unit Boarded Up for type B noninterviews (BBORD) -- part of the universe for this question was accidentally excluded. We did not collect this information for type B-12 (nonresidential use); B-14 (OTHER unit) and B-16 (exposed to the elements) noninterviews. This is not a publication item, but appears on the public use file.
10. Whole/partial structure loss for type B noninterviews (BBLDG) -- part of the universe for this question was accidentally excluded. We did not collect this information for type B-12 (nonresidential use); B-14 (OTHER unit) and B-16 (exposed to the elements) noninterviews. This is not a publication item, but appears on the public use file.
11. Selected reason for move variables (WMOWNR1, WMCNDO1, WMREPR1, WMGOVP1, and WMNFIT1) -- part of the universe for these items (which are collected at RMOV2a and RMOV2b) was accidentally omitted. We intended to ask these questions as followups at households which reported they moved either due to private or public displacement from their old units. Due to a combination of problems, we ended up only asking the questions if the households reported private or public displacement was the **main** reason for move AND the households reported more than one reason for move. The related variables: WMPRIV2, WMOWNR2, WMCNDO2, WMREPR2, WMGOVT2, WMGOVP2 and WMNFIT2 (which ask identical questions of the households which did not initially report private or government displacement) appear to have problems as well. These latter questions do not appear to be filled if only one reason for move is given by the household in item RMOV1a. (However, haven't figured out the mechanism for why this is occurring.) Although I haven't seen the recode, I assume we intended to combine WMOWNR1 with WMOWNR2, etc to produce the publication variables for Reason for Move, so all variables dealing with displacement will be incomplete.
12. Nonwage Income (VOTHER) -- nonwage income is a recode of the entries from INC2b (VOTHER1) and INC2c3 (VOTHER2). Nonwage income can be a positive or negative amount since a household may sustain losses from rental and from business income. However the instrument only identified negative amounts at the first question on non-wage income (INC2b). At the second question on nonwage income (INC2c3--asked only if the respondent declared after prompting that some income had been overlooked originally), FRs were instructed to record zero dollars if the respondent reported a negative income amount. Therefore for an unknown (but probably small) number of households, the amount of nonwage income is too high.
13. Room with most peeling paint (LDPNT3a) -- the write-in portion of this question which captures the name of the room, was not stored, therefore this information is unavailable. These data were never intended to be a publication item, but they will be missed from the microdata files.
14. Income less than \$25,000 (LT25K)--an error in the instrument coding prevented any household from reaching this question, so no responses are recorded. As a result, more households than usual were asked the questions on receipt of Food Stamps (QFS1) and presence of savings and investments (QSAVNG, QBINV, QOINV, and INV20K). Households with a reported income in excess of \$25,000 skip these latter items. LT25K is intended to act as a probe for households who did not report the amount of income to direct them either to fill or skip the questions.
15. Often the questionnaire is worded to probe about major changes from the previous interview, when data are available. To simplify the 1997 survey, data were not generally provided from previous interviews. However data were provided in the Replacements & Additions module, to avoid reporting the same job again, and in a few other questions.

**Major Recoded Items** (see appendix A for definitions & Appendix E for exact calculations)

3201 CONTROL	Control Number
3202 WEIGHT	Final Weight, described in Appendix B; not in early test files
3203 PWT	Pure Weight, inverse of the probability of selection; not adjusted for missing data; not in early test files
3204 ISTATUS	Interview Status: 1=occupied, 2=temporary occupants (all have usual residence elsewhere), 3=vacant, 4=noninterview
3205 TENURE	Owner or Renter: 1=owner, 2=rented for cash, 3=no cash rent
3206 NUNITS	Number of Units in Structure
3207 ROOMS	Number of Rooms in Housing Unit, including kitchens, offices/business rooms & "other finished rooms;" excluding baths, half baths, laundry/utility rooms, storage rooms/pantries, unfinished space
3208 KITCHEN	Incomplete Kitchen: 1=complete, 2=incomplete
3209 PLUMB	Incomplete Plumbing: 1=complete, 2=incomplete or shared
3210 ZADEQ	Inadequate Housing: 1=adequate, 2=moderately inadequate, 3=severely inadequate
3211 PER	Number of People in Household
3212 ZADULT	Number of Adults, 18 or Older
3213 ZINC	Total Family Income: Reference person and his/her relatives living in housing unit, per Year
3214 ZINC2	Total Household Income, including any non-relatives in housing unit, per Year
3215 NUMMOR	Number of Mortgages
3216 RAN	Number of Replacements and Additions
3217 RACT	Total Cost of Replacements and Additions (formerly RAC, which is now used for individual items which were formerly RAC1-16)
3218 AMTX	Property tax, per year. Truncate to next lower \$50, then add \$25. If over \$1000, truncate to next lower \$100, then add \$50
3219 CONFEE	Condominium/Homeowner Association/Mobile Home Fee. Truncate to next lower \$10, then add \$5
3220 ZSMHC	Selected Monthly Housing Costs. Total per month of the following (imputations are specified elsewhere; some items are multiplied by a times-per-year variable on the new questionnaire and/or divided by 12): if vacant, ure or non-interview set to not applicable else [occupied] add: AMTE, AMTG, AMTO, AMTF, AMTT, AMTW (treat 1 as 0 in any of these: "included in other payment"), LRENT (treat 9997 as 0: included in CONFEE), MHOTFE, CONFEE if TENURE=renter then [including no cash renter] add AMTI if PRENT not missing then [subsidized] add PRENT*FRENT else [most renters] add RENT*FRENT endif [end subdividing renters] else [owners] if no mortgage add AMTI, AMTX else if mortgaged add PMT, PMT2, PMT3 if tax not included in any mortgage add AMTX if insurance not included in any mortgage add AMTI if other included in any mortgage subtract AMTM (or AMTM2) else [home equity loans] [data available may differ from items above for mortgages] endif [end subdividing loans] endif [end distinguishing tenure] endif [end occupied vs. vacant]

Notes: For public use file this is calculated with top-coded & truncated items. We include utilities in ZSMHC even if the household pays no cash rent; this may change, but seems helpful for subsidized housing, where total cost including utilities has been a big policy issue in recent years. The publication would still put them on the "no cash rent" line.

## Geography

<b>3301 REGION</b>	73N+	Census Region
		1 Northeast
		2 Midwest (North Central)
		3 South
		4 West

Note: Until 1983, the Ohio portion of the Huntington-Ashland SMSA, the Indiana portion of the Louisville SMSA and the New Jersey portion of the Wilmington SMSA are each included in the South region where the bulk of the SMSA is located.

<b>3302 METRO</b>	73N+	Central City/Suburban Status				
	74S+	<u>73N</u>	<u>74S-83S</u>	<u>74N-83N</u>	<u>85N+</u>	<u>84S+</u>
		1	1	1	1	1 Central City of SMSA
			2	4	2-6	Additional Central City e.g., St. Paul, MN
					2	Urbanized Suburb
					3	Other Urban Suburb
					4	Rural Suburbs
	2	3	2		7	Suburb
					5	Urbanized Area, Non-metro
					6	Other urban, Non-metro
					7	Rural, Non-metro
		9	9			Nonmetropolitan or in one of the SMSA's listed under the variable SMSA without a 1983 breakdown of central city and suburbs.
				9	9	Dropped from housing stock in a prior year, and became a type C noninterview, as coded in NOINT

Note: 85N+ files use 1983 boundaries, as do 84S-96S if center city was suppressed before 1984. Otherwise 73N-83N and 74S-96S use 1971 boundaries.

<b>3303 DEGREE</b>	85N+	Long Term Average Degree Days per Year
		1 Coldest: Over 7,000 heating degree days and under 2,000 cooling degree days
		2 Cold: 5,500-7,000 heating degree days and under 2,000 cooling degree days
		3 Cool: 4,000-5,500 heating degree days and under 2,000 cooling degree days
		4 Mild: Under 4,000 heating degree days and under 2,000 cooling degree days
		5 Hot: Under 2,000 heating degree days and over 2,000 cooling degree days
		6 Mixed: 2,000-4,000 heating degree days and over 2,000 cooling degree days

Note: Some cases shifted on public use file for confidentiality. Previous editions of *Codebooks*, back to 1985, reversed the codes for 5 and 6; code 6 has always meant a mixed climate, and code 5 a hot climate as shown here, though they were wrongly documented.

<b>3305 SMSA</b>	74N+	Metropolitan Areas
	74S+	This variable has SMSA codes through 1983, and PMSA codes from 1984 on (often these are the same). 1971 boundaries are used through 1983, thereafter 1983 boundaries.

Cases in 85N+ whose metropolitan area is identified, may be in central cities (where the variable **METRO**=1) or urbanized suburbs (**METRO**=2); each sample size is shown below (some other values of **METRO** are shown for six special areas, as explained at the end of the list of metropolitan area codes)

Cases in 74N-83N whose metropolitan area is identified, may be coded as central city (**METRO**=1 or 4), any suburb, not just urbanized (**METRO**=2), or total metro, with no central city/suburb distinction (**METRO**=9); each sample size is shown below

Number of Cases			Codes			
1983N		1985N	74N-83N		85N+	
CC	Tot	Sub	CC	Sub	74S-83S	84S+
59		97	55		0080	0080 Akron, OH
55		121	77	49	0160	0160 Albany-Schenectady-Troy, N
	107		92		0200	0200 Albuquerque, NM
	141		63	33	0240	0240 Allentown-Bethlehem-Easton
				12		0275 Alton-Granite City, IL
143		361	85	350	0360	0360 Anaheim-Santa Ana-Garden G
	58		30		0460	0460 Appleton-Oshkosh-Neenah, W
119		342	105	349	0520	0520 Atlanta, GA
				30		0560 Atlantic City, NJ
	67			33	0600	0600 Augusta, GA-SC
	149		119		0640	0640 Austin, TX
	103		26	25	0680	0680 Bakersfield, CA
207		357	202	182	0720	0720 Baltimore, MD
	65		54	33	0760	0760 Baton Rouge, LA
	80		34		0840	0840 Beaumont-Port Arthur, TX
				29		0845 Beaver, PA
			23	208		0875 Bergen-Passaic, NJ
	76				0960	0960 Binghamton, NY-PA
67		149	89	60	1000	1000 Birmingham, AL

151	472	229	327	1120	1120	Boston, MA
		37			1125	Boulder-Longmont, CO
	100	49	50	1160	1160	Bridgeport-Milford, CT
111	211			1280		Buffalo, NY
	91	39	23	1320	1320	Canton, OH
	119		47	1440	1440	Charleston, SC
	125			1520		Charlotte-Gastonia-Rock, HI
	70	34	30	1560	1560	Chattanooga, TN-GA
740	950	755	530	1600	1600	Chicago, IL
117	243	95	135	1640	1640	Cincinnati, OH-KY-IN
171	313	136	234	1680	1680	Cleveland, OH
		69		(1720)	1720	Colorado Springs, CO
	84	21	45	1760	1760	Columbia, SC
147	111	142	51	1840	1840	Columbus, OH
	78	58		1880	1880	Corpus Christi, TX
276	274	317	130	1920	1920	Dallas, TX
	85	76		1960	1960	Davenport-Rock Island-Moli
	199			2000		Dayton-Springfield, OH
			41	2020	2020	Daytona Beach, FL
154	284	105		2080	2080	Denver, CO
	77	40		2120	2120	Des Moines, IA
285	653	323	491	2160	2160	Detroit, MI
	72	32		2240	2240	Duluth, MN-WI
			15	2285	2285	East St. Louis-Belleville,
	87	78		2320	2320	El Paso, TX
	70	21		2360	2360	Erie, PA
			29		2400	Eugene-Springfield, OR
			25		2440	Evansville, IN-KY
	129	29	38	2640	2640	Flint, MI
	286	91	157	2680	2680	Fort Lauderdale-Hollywood-
			17	2700	2700	Fort Myers-Cape Coral, FL
	82	30		2760	2760	Fort Wayne, IN
102	174	152	61	2800	2800	Fort Worth-Arlington, TX
	124	47	35	2840	2840	Fresno, CA
60	95	56	37	2960	2960	Gary-Hammond, IN
	137	42	46	3000	3000	Grand Rapids, MI
110	94	66		3120	3120	Greensboro-Winston Salem-H
	95	21	46	3160	3160	Greenville-Spartanburg, SC
	119			3240		Harrisburg-Lebanon-Carlisle
	165	29		3280	3280	Hartford, CT
66	115	81	43	3320	3320	Honolulu, HI
392	267	398	183	3360	3360	Houston, TX
	71			3400		Huntington-Ashland, WV-KY-
194	95	158	26	3480	3480	Indianapolis, IN
	67	35		3560	3560	Jackson, MS
	163	120		3600	3600	Jacksonville, FL
60	81	45	77	3640	3640	Jersey City, NJ
		27	31		3660	Johnson City-Kingsport-Bri
69				3680		Johnstown, PA
141	214	122	143	3760	3760	Kansas City, MO-KS
	135	56	35	3840	3840	Knoxville, TN
		18	44		3965	Lake County, IL
			37		3980	Lakeland-Winter Haven, FL
	78		18	4000	4000	Lancaster, PA
	96	41		4040	4040	Lansing-East Lansing, MI
	171	45	73	4120	4120	Las Vegas, NV
		20	17		4160	Lawrence-Haverhill, MA-NH
		47			4280	Lexington-Fayette, KY
	112	66		4400	4400	Little Rock-North Little Rock
	65			4440		Lorain-Elyria, OH
860	1023	802	712	4480	4480	Los Angeles-Long Beach, CA
93	109			4520		Louisville, KY-IN
	90	41		4720	4720	Madison, WI
		38			4880	McAllen-Edinburgh-Mission,
			33		4900	Melbourne-Titusville-Palm
	207	146	27	4920	4920	Memphis, TN-AR-MS
95	353	143	233	5000	5000	Miami-Hialeah, FL
			135		5015	Middlesex-Somerset-Hunterd
170	193	132	90	5080	5080	Milwaukee, WI
184	281	198	219	5120	5120	Minneapolis-St. Paul, MN
	127	70		5160	5160	Mobile, AL
		26			5170	Modesto, CA

			158	5190	Monmouth-Ocean, NJ
		31		5240	Montgomery, AL
174		103	5360	5360	Nashville, TN
			462	5380	Nassau-Suffolk, NY
83		55	33	5480	New Haven-Meriden, CT
150	143	119	96	5560	New Orleans, LA
978	863	1514	206	5600	New York City, NY
77	336	68	259	5640	Newark, NJ
	68			5680	Newport News-Hampton, VA
95	96	244	22	5720	Norfolk-Virginia Beach (Newport News-Hampton added after 1983)
		139	267	5775	Oakland, CA
133	81	120	73	5880	Oklahoma City, OK
	139	72	32	5920	Omaha, NE-IA
	166	27	108	5960	Orlando, FL
	138	34	53	6000	Oxnard-Ventura, CA
71	232			6040	Paterson-Clifton-Passaic,
			42	6080	Pensacola, FL
	88	29	25	6120	Peoria, IL
458	709	445	476	6160	Philadelphia, PA-NJ
212	238	296	71	6200	Phoenix, AZ
124	442	88	262	6280	Pittsburgh, PA
124	241			6440	Portland, OR-WA
85	155	41	69	6480	Providence, RI
		86		(6640)	6640
	90			6680	Reading, PA
	157			6760	Richmond-Petersburg, VA
102	341	74	217	7280	Riverside-San Bernardino (6780 used in 1985 and later national surveys)
78	148	57	87	6840	Rochester, NY
	60	25		6880	Rockford, IL
87	197	98	110	6920	Sacramento, CA
143	430	121	195	7040	St. Louis, MO-IL
			23	7090	Salem-Gloucester, MA
	70	23		7120	Salinas-Seaside-Monterey,
	161	69	111	7160	Salt Lake City-Ogden, UT
	256	190	24	7240	San Antonio, TX
102	341	74	217	7280	San Bernardino-Riverside (7280 used before '84 & in all metro surveys)
238	263	226	175	7320	San Diego, CA
298	598	177	177	7360	San Francisco, CA
124	211	127	133	7400	San Jose, CA
	70	37		7480	Santa Barbara-Santa Maria-
		26		7500	Santa Rosa-Petaluma, CA
			38	7510	Sarasota, FL
		42	56	7560	Scranton-Wilkes Barre, PA
184	274	138	159	7600	Seattle, WA
	90	77		7680	Shreveport, LA
	81			7800	South Bend-Mishawaka, IN
	99	51		7840	Spokane, WA
	130	48	38	8000	Springfield, MA
		31		8040	Stamford, CT
	104	38		8120	Stockton, CA
	156	31	49	8160	Syracuse, NY
	117	42	54	8200	Tacoma, WA
152	270	156	239	8280	Tampa-St. Petersburg-Clear
101	82	104	22	8400	Toledo, OH
	77		24	8480	Trenton, NJ
	127	95	38	8520	Tucson, AZ
	171	82		8560	Tulsa, OK
	77	29		8680	Utica-Rome, NY
		45		8720	Vallejo-Fairfield-Napa, CA
178	620	195	443	8840	Washington, DC-MD-VA
		17		8880	Waterbury, CT
	238	47	126	8960	West Palm Beach-Boca Raton
	126	71		9040	Wichita, KS
	85			9120	Wilkes-Barre-Hazleton, PA
	117			9160	Wilmington, DE-MD-NJ
	107	50	13	9240	Worcester, MA
	76			9280	York, PA
	139	28	55	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, 5660-Newburgh/Orange county)

9993 Northern New Jersey Areas (0875-Bergen-Passaic, 3640-Jersey City, 5015-Middlesex-Somerset-Hunterdon, 5190-Monmouth-Ocean, 5640-Newark, 8480-Trenton)

9999 9999 Non-Metro or Suppressed MS

Notes:

9999 code not present in MSA files. Codes in parentheses are present in metropolitan files only. 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, 5660, 9992), Northern New Jersey (0875, 3640, 5015, 5190, 5640, 8480, 9993), and Philadelphia (6160). These 6 broad areas involve 19 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 Angeles 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.

Weights on these files can be used for good estimates of both national and local data. These weights are based on national control totals, controlling for under-reporting of different demographic groups (see Appendix B). The weights on the public file are the ones used in National publications. Metropolitan publications use different weights which control for county totals, but not for demographic groups.

3306 CMSA	85N+	Consolidated Metropolitan Statistical Area
		7 Boston-Lawrence-Salem, MA-NH
		10 Buffalo-Niagara Falls, NY
		31 Dallas-Ft. Worth, TX
		34 Denver-Boulder, CO
		41 Hartford-New Britain-Middletown, CT
		49 Los Angeles-Anaheim-Riverside, CA
		56 Miami-Ft. 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 St. Louis-East St. Louis-Alton, MO-IL
		91 Seattle-Tacoma, WA
		99 CMSA not identified

CP\_START W CENSUS CAPI SYSTEM Date: August 21, 1997  
AMERICAN HOUSING SURVEY - NATIONAL SAMPLE  
\*\*\* RESOLVED CASE - REVIEW NOTES ONLY \*\*\*  
(P) To proceed

NINOTES\_1 Enter brief notes about this case that  
could help with the next interview

OLD NOTE:  
(0) Nothing unusual; no (more) notes needed  
(S) KEEP THE OLD NOTE

NINOTES\_1aA W  
NINOTES\_1aB W  
NINOTES\_1aC W  
NINOTES\_1aD W  
NINOTES\_1aE W  
NINOTES\_1aF W  
NINOTES\_1aG W  
NINOTES\_1aH W  
NINOTES\_1aI W  
NINOTES\_1aJ W

NINOTES\_2 W Previous notes about this case are:  
Do you want to REPLACE them with new notes about this case?  
(1) Yes, I want to REPLACE THEM  
(2) No, let them stand

NSETNOTE SECTION \*\*5\*\* - PREDIAL, DIAL, AND FRONT

START\_CP W CENSUS CAPI SYSTEM Date: August 21, 1997  
American Housing Survey-National  
Case status is: ...  
Date is: ... Time is: ...  
(T) Telephone Interview  
(P) Personal interview (See notes)  
(Q) Quit: Do not attempt now

NEED\_PV V PV \*\*\* THIS CASE REQUIRES A PERSONAL VISIT \*\*\*  
\*\*\* UNLESS THIS IS A LAST RESORT \*\*\*  
ENTER (1) IF NOT LAST RESORT/GO TO NOTES  
ENTER (P) TO PROCEED

SHOWROS\_CP W STATUS OF HOUSEHOLD COMPOSITION

DIAL\_CP W DIAL THIS NUMBER: (...) ...-... EXT: ...  
LAST RESP: ... HOME/OFFICE: ...  
TIME: ...

ADDRESS: ... ..  
NOTES:

- (1) Someone answers
- (2) No Contact/Answering Machine
- (3) Recorded Message Announcing New Telephone number
- (4) Telephone disconnected
- (0) NOT ATTEMPTED NOW

NEWMUMBER\_CP OLD NUMBER: (...) ...-... EXT: ...  
RECORD THE NEW TELEPHONE NUMBER  
In Area Code: USE (S) FOR SAME  
New Number:  
EXT: ENTER (N) FOR NONE

FRCK4 SECTION 6 - INTRODUCTION

HELLO\_CP W Hello, I'm....from the U.S. Census Bureau  
May I speak to ...?  
(1) This is correct person  
(2) Correct person called to phone  
(3) Person not home now or not available now  
(4) Person unknown at this number  
(5) Person no longer lives there (includes deceased)  
(6) Noninterview  
(7) Replacement HU - Entire household moved out

Variable Name	Seq#	Description
RTNUM_CP	W	I'm trying to reach someone in the household Does (READ NAMES LISTED BELOW) live there? Is (READ NAMES LISTED BELOW) available? ** SHIFT-F6 TO TOGGLE WINDOW, THEN PAGEDOWN FOR NEXT PAGE ** (1) Yes, person you are speaking with or someone available now (2) Yes, but people NOT home or NOT available now (3) No, all persons have moved since last interview (R) Refused
HELP_RT_CP	W	Perhaps you can help me I would like to speak to a member of this household who usually lives there, is at least 16 years old, and is knowledgeable about the characteristics of the house you live in IF APPROPRIATE: Would you or someone else there now qualify? (1) Yes (2) No
PV_CB	v CB	We are taking a survey of housing in the United States. I need to make a personal visit to complete the interview What day and time would be convenient for you? PRESS (P) TO PROCEED TO APPOINTMENT SCREEN
GENINTRO	W	We are taking a survey of housing in the United States. I have some questions I would like to ask you FR NOTE o Identify yourself - if personal, show I.D o Ask if the household received the advance letter If not, provide a copy and allow time to read ENTER (P) TO PROCEED
INTRO_PT	W	I'm contacting this home to complete the American Housing Survey! Enter (P) to PROCEED
INTRO_B	W	(IS RESPONDENT READY TO COMPLETE THE INTERVIEW?) (1) Inconvenient time. Callback needed (2) Reluctant Respondent - hold for refusal followup (3) Vacant (4) Noninterview (0) Other outcome OR problem interviewing respondent (W) Wrong address (wrong case selected) ENTER (P) TO PROCEED WITH THE INTERVIEW
VERADD	v VERADD	I need to verify that ... address is: (1) SAME address (2) Not same address - Have not moved (3) Not same address - Have moved!
NEWADD		ENTER CHANGE OR (S) FOR SAME OLD ADDRESS: ... .. NEW ADDRESS: HNO: HNOSUF: STRNAME:
NEWADD@ST1	v ST11	
NEWADD@ST2	v ST21	
NEWADD@ST3	v ST31	
NEWADD@ST4	v ST41	
NEWADD@CT	v CT1	UNITDES: OLD CITY: ...
NEWADD@ST	v ST7	OLD STATE: ... (H) Help
NEWADD@ZP1	v ZP11	OLD ZIP: ...-....
NEWADD@ZP2	v ZP21	
MAILADD	v MAILADD	Is this ... mailing address? (1) Yes (2) No

NEWMAIL

What is your new mailing address?

ENTER CHANGE OR (S) FOR SAME

OLD ADDRESS: ... ..

NEW ADDRESS:

HNO: HNOSUF: STRNAME:

NEWMAIL@ST1 v ST12  
NEWMAIL@ST2 v ST22  
NEWMAIL@ST3 v ST32  
NEWMAIL@ST4 v ST42

UNITDES:

OLD CITY: ...

NEWMAIL@CT v CT2

OLD STATE: ... (H) Help

NEWMAIL@ST v ST8

OLD ZIP: ...-...

NEWMAIL@ZP1 v ZP12

NEWMAIL@ZP2 v ZP22

NONTYPE v NONTYPE

What type of Noninterview do you have?

(1) Type A

(2) Type B

(3) Type C

EXITHANK\_CP w

Thank you for your time

END INTERVIEW

UPDT1	b LISCH	4001	<p><b>** Mark or Ask **</b> We are interested in any changes that may have taken place in the apartment since .... 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 ...? (1) Yes (2) No</p>
UPDTCK2	w		<p>AFTER COMPLETING THIS INTERVIEW, YOU MUST MAKE A PERSONAL VISIT TO UPDATE LISTING AFTER COMPLETING THIS INTERVIEW, DETERMINE IF YOU NEED TO UPDATE LISTING</p>
UPDT2	b APTSP	4002	<p><b>** Mark or Ask **</b> Did ... apartment split so there are now more apartments in the same space? (1) Yes (2) No</p>
UPDT3	b APTCM	4003	<p><b>** Mark or Ask **</b> Did ... apartment combine with another apartment so now ... more space? (1) Yes (2) No</p>
UPDT4	b APTAD	4004	<p><b>** Mark or Ask **</b> Was space added to ... apartment by building an addition or converting nonresidential areas of the building? (1) Yes (2) No</p>
UPDT5	b APTCH	4005	<p>Describe the type of change that occurred (1) Overflow mobile home moved in or moved out (2) Other, specify</p>

HU1_HTYPE	v HTYPEQ		<p style="text-align: center;">*** MARK or ASK ***</p> <p>Is ... .. a house                  an apartment, a mobile home, or some other type of residence?</p> <p>HOUSING UNIT</p> <ul style="list-style-type: none"> <li>(1) House</li> <li>(2) Apartment, flat</li> <li>(3) Mobile home with NO permanent room added</li> <li>(4) Mobile home WITH one or more permanent rooms added</li> <li>(5) HU in nontransient hotel, motel, etc</li> <li>(6) HU, permanent in transient hotel, motel</li> <li>(7) HU in rooming house or boarding house</li> <li>(8) Boat or recreational vehicle</li> <li>(9) Tent, cave, or railroad car</li> <li>(10) HU not specified above, specify</li> </ul> <p>OTHER UNIT</p> <ul style="list-style-type: none"> <li>(11) Unoccupied site for mobile home, trailer, or tent</li> <li>(12) Group Quarters</li> </ul>
HU2_BACEN	b BACEN	4006	<p>Was this structure built before April 1, 1990 or after?</p> <ul style="list-style-type: none"> <li>(1) Before April 1, 1990</li> <li>(2) After April 1, 1990</li> </ul>
HU2DIS	v HU2DIS		<p>Do not interview, at the next screen                  mark this unit a Type C-37, Not Classified Above                  PRESS (P) TO CONTINUE THE INTERVIEW</p>
HU3_OTBUP	b OTBUP	4007	<p>Is there any other building on the property                  for people to live in--either occupied or vacant?</p> <ul style="list-style-type: none"> <li>(1) Yes</li> <li>(2) No</li> </ul>
HU3MES	w		<p>AFTER THE STRUCTURE TYPE IS DETERMINED                  YOU WILL BE ASKED QUESTIONS ABOUT EXTRA UNITS</p>
HU4VR_ILQVR	v ISTYPEV		<p>MARK WITHOUT ASKING OR ASK                  Last time we recorded that ... living quarters are in                  a .... Is this information still correct?</p> <ul style="list-style-type: none"> <li>(1) Yes</li> <li>(2) No</li> <li>(3) Don't know-not sure</li> </ul>
HU4_TYPE	v ISTYPEQ		<p>... living quarters in a (READ ALL CATEGORIES)</p> <ul style="list-style-type: none"> <li>(1) One-unit mobile home?</li> <li>(2) One-unit building, detached from any other building?</li> <li>(3) One-unit building, attached to one or more buildings?</li> <li>(4) Building/mobile home with two or more apartments?</li> </ul>
HU5A_OTHLO	b OTHLQ1	4008	<p>Are there any occupied or vacant apartments besides                  ... in ... ?</p> <ul style="list-style-type: none"> <li>(1) Yes</li> <li>(2) No</li> </ul>
HU5BVR_NUMVR	v NUNITSV		<p>Last time we recorded ... apartments in the                  .... Is this number still correct?</p> <ul style="list-style-type: none"> <li>(1) Yes</li> <li>(2) No</li> <li>(3) Don't know-not sure</li> </ul>
HU5B_NUNITS	v NUNITS1		<p>How many apartments are in the ...?</p> <ul style="list-style-type: none"> <li>(1-997) 1-997 apartments</li> <li>(998) 998 apartments or more</li> </ul>
HU5BPP	v NUNITSP1		<p style="text-align: center;">*** POSSIBLE PROBLEM ***</p> <p>THIS UNIT HAS BEEN CLASSIFIED AS A BUILDING                  WITH 2 OR MORE APARTMENTS                  PLEASE BACK UP TO HU4_TYPE AND MARK OR RE-ASK                  THE STRUCTURE TYPE. MAKE SURE THAT YOUR LISTING                  SHEET REFLECT ANY CHANGES THAT YOU MAKE                  PRESS (P) TO RETURN TO HU4_TYPE</p>

HU5BPR_NUNITS	v NUNITS2		Including both occupied and vacant units what is your best guess, please? (1-997) 1-997 apartments (998) 998 apartments or more
HU5BPRPP	v NUNITSP2		*** POSSIBLE PROBLEM *** THIS UNIT HAS BEEN CLASSIFIED AS A BUILDING WITH 2 OR MORE APARTMENTS PLEASE BACK UP TO HU4_TYPE AND MARK OR RE-ASK THE STRUCTURE TYPE. MAKE SURE THAT YOUR LISTING SHEET REFLECT ANY CHANGES THAT YOU MAKE PRESS (P) TO RETURN TO HU4_TYPE
HU6A_SHARAT	b SHARAT	4009	Does ... .. share an attic or basement with the ... next door? (1) Yes (2) No
HU6B_NUNITS	v NUNITS3		How many ... including ... share the attic or basement? (1-997) 1-997 apartments (998) 998 apartments (If one, reask HU6a_SHARAT)
HU6C_SHARFR	b SHARFR	4010	Does ... .. share a furnace or boiler with the ... next door? (1) Yes (2) No
HU6D_NUNITS	v NUNITS4		How many ... including ... share the furnace or boiler? (1-997) 1-997 apartments (998) 998 apartments (If one, reask HU6c_SHARFR)
HU6E_OTHLO	b OTHLQ2	4011	Are there any occupied or vacant apartments besides ... in ... house? (1) Yes (2) No
TABX_INTRO	w		*** WARNING *** YOU ARE ABOUT TO BEGIN ASKING QUESTIONS ABOUT ONE OR MORE ADDITIONAL LIVING ARRANGEMENTS AT THIS LOCATION TO DETERMINE IF THEY QUALIFY AS EXTRA UNITS!!! IF YOU HAVE ACCIDENTALLY REACHED THIS SCREEN PRESS "F1" TO BACK UP TO THE PREVIOUS SCREEN AND CORRECT AN EARLIER ENTRY TO BEGIN COLLECTING INFORMATION FOR ADDITIONAL LIVING ARRANGEMENTS AT THIS LOCATION, PRESS (P)
TABXH1	v TABXH1		FR INSTRUCTION: Check the listing sheet Is the address of the additional living quarters already listed? (1) Yes (2) No
TABXH1CK	v TABX1CK		THIS IS NOT AN EXTRA UNIT CONTINUE WITH THE INTERVIEW OF THIS UNIT
TABXH2			What is the exact address of this other living quarters? Current Address: FR: ENTER (S) FOR SAME Address
TABXH2@HNO	v TABXHNO		
TABXH2@HNOSUF	v TABXSUF		
TABXH2@STRNAME	v TABXSTNA		
TABXH2@UNITDES	v TABXUDES		
TABXH2@PO	v TABXPO		City
TABXH2@ST	v TABXST		State
TABXH2@ZIP5	v TABXZIP		Zip

TABXH3	v TABXH3	Are there any other living quarters, either occupied or vacant, at this original address? (1) Yes (2) No
TABXH4	v TABXH4	Are the additional living quarters within the area segment boundaries? (1) Yes (2) No
TABX4CK	v TABX4CK	THIS ADDITIONAL LIVING QUARTERS IS NOT CONSIDERED TO BE AN EXTRA UNIT
TABXH5	v TABXH5	Are the additional living quarters in a group quarters? (1) Yes (2) No
TABX5CK	v TABX5CK	THIS ADDITIONAL LIVING QUARTERS IS NOT CONSIDERED TO BE AN EXTRA UNIT
TABXH6	v TABXH6	Do the occupants or intended occupants of the additional living quarters live and eat separately from all other persons on the property? (1) Yes (2) No
TABXH7	v TABXH7	Do the occupants or intended occupants of the additional living quarters have direct access from the outside or through a common hall? (1) Yes (2) No
TABXH8	v TABXH8	Are the additional living quarters within the same structure and within the same space (occurs if a housing unit has been split into two or more separate housing units) occupied by the original sample unit? (1) Yes (2) No
TABXH9	v TABXH9	Do the occupants or intended occupants of the additional living quarters live and eat separately from all other persons on the property? (1) Yes (2) No
TABXH10	v TABXH10	Do the occupants or intended occupants of the additional living quarters have direct access from the outside or through a common hall? (1) Yes (2) No
TABXH11	v TABXH11	Are the additional living quarters within the basic address (house number and street name) of the original sample unit? (1) Yes (2) No
TABXH12	v TABXH12	Do the occupants or intended occupants of the additional living quarters live and eat separately from all other persons on the property? (1) Yes (2) No
TABXH13	v TABXH13	Do the occupants or intended occupants of the additional living quarters have direct access from the outside or through a common hall? (1) Yes (2) No

TABXH14	v	TABXH14		Are the additional living quarters within the same space occupied by the original housing unit? (1) Yes (2) No
TABX14CK	v	TABX14CK		THIS ADDITIONAL LIVING QUARTERS IS NOT CONSIDERED TO BE AN EXTRA UNIT
TABXH15	v	TABXH15		Are the additional living quarters the result of a split apartment? (1) Yes (2) No
TABX15CK	v	TABX15CK		THIS ADDITIONAL LIVING QUARTERS IS NOT CONSIDERED TO BE AN EXTRA UNIT
TABXH16	v	TABXH16		Do the occupants or intended occupants of the additional living quarters live and eat separately from all other persons on the property? (1) Yes (2) No
TABXH17	v	TABXH17		Do the occupants or intended occupants of the additional living quarters have direct access from the outside or through a common hall? (1) Yes (2) No
TABXSPAWN	v	TABXSPAW		THIS OTHER LIVING QUARTERS IS AN EXTRA UNIT DO NOT INCLUDE MEMBERS OF THIS UNIT AS MEMBERS OF THE CURRENT UNIT. THEY MUST BE INTERVIEWED SEPARATELY ADD THE EXTRA UNIT TO YOUR LISTING SHEET ACCORDING TO THE INSTRUCTIONS IN YOUR LISTING AND COVERAGE MANUAL
TABXNEXT	v	TABXNEXT		THE OTHER LIVING QUARTERS IS NOT CONSIDERED TO BE AN EXTRA UNIT. INCLUDE THE PERSONS WHO OCCUPY THAT LIVING ARRANGEMENT AS MEMBERS OF THE ASSIGNED HOUSEHOLD
CALLRO	v	TABXCLRO	-CALLRO	MORE THAN 3 EXTRA UNITS HAVE BEEN IDENTIFIED FOR THIS LISTED ADDRESS 1. CALL YOUR OFFICE 2. TELL YOUR SUPERVISOR THAT YOU HAVE MORE THAN 3 EXTRA UNITS FOR THIS ADDRESS 3. DO NOT CONDUCT ANY INTERVIEWS AT THIS ADDRESS UNTIL RECEIVING FURTHER INSTRUCTIONS
HU6F_NUNITS	v	NUNITS5		How many apartments, including your own are in ... house? (1-997) 1-997 apartments (998) 998 apartments or more (if one, reask HU6e_OTHLO)
HU7_REUAD				FR INSTRUCTION: Enter the reason this unit is being added (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
HU7_REUAD@1	B	REUAD	4012	
HU7_REUAD@2	v	REUADSPC		
HU8_ACCESS	C7B	b ACCESS	4013	Does ... have direct access either from the outside or through a common hall? (1) Yes, direct access (2) No, through another unit

HU8DIS	v DIS		This is not a separate unit, combine with unit through which access is gained Apply merged unit procedures if appropriate
HU9_NEEDC	B NEEDC		Do you need to Type C this unit? (1) Yes (2) No
HU10_TENURE	v TENUREQ		Is this ... READ CATEGORIES UNTIL A "YES" REPLY IS RECEIVED (1) Owned or being bought by someone in your household? (2) Rented for cash rent (3) Occupied without payment of cash rent?
HU11_SAMEDU	0030 b SAMEDU	4014	***ENTER WITHOUT ASKING IF HOUSE/APARTMENT, ASK IF MOBILE HOME*** Is this the same ... that was at this address last enumeration period? (1) Yes (2) No (For example: replacement Mobile Home wrong unit enumerated last time)
HU12_MHHIS			What happened to the old Mobile Home? (IF THE RESPONDENT DOES NOT KNOW ASK OWNER OF MOBILE HOME PARK) (1) Moved out (2) Lost to demolition (3) Other, specify
HU12_MHHIS@1	b MHHIS	4015	
HU12_MHHIS@2	v MHHISPC		
HU_END			***REFERENCE SECTION ****
HU4H	W		One-Unit Building, Detached - If the structure is a one-family house and has open space on all four sides, enter code "2". Also, enter code "2" for a house with an adjoining shed or garage. A building which contains a business in addition to one housing unit is also detached if the building has open space on all sides and no unbroken dividing wall between the housing unit and the business One-Unit Building Attached - Enter "3" for a structure containing only one housing unit that has unbroken wall(s), extending from ground to roof, which divides it from any other adjoining structures. Examples of "one-unit building attached" structures are those in a row of houses attached to one another (row houses or townhouses), or houses attached to nonresidential structures
HU5BH	W		Do not count model apartments, apartments used as manager's office even if fully furnished, or apartments for commercial use unless also used as living quarters
HU6AH	W		Two units share an attic or basement if the attic or basement spans (extends above or below) both units. Whether the occupants of each unit have access to it from the unit itself or through a common hall is immaterial
HU6CH	W		A furnace or boiler is shared if more than one unit receives heat directly from the furnace or boiler. The furnace or boiler need not be located in a space common to each unit. However, the pipes must run through the walls or ceilings or floors of each unit and provide heat to each unit
HU8H	W		Living quarters have direct access if there is either: (1) An entrance to the living quarters directly from the outside of the structure, or (2) An entrance to the living quarters from a hall, lobby or vestibule used by the occupants of more than one unit or by the 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. It may be furnished or unfurnished Any room that serves the same purpose as a hotel lobby may be a common hall provided it is not part of any unit. If there is only one unit in the building (such as a janitor's quarters in the basement of a store) the access is direct. Living quarters do not have direct access if the only entrance to the unit is through a room or a hall of another unit

DONE_ROSTER	W	FLAG SO THAT T_ROSTER WILL ONLY BE DONE ONCE (ADDED FOR RETURNING HH)
REL_FLAG	W	FLAG-how ref person's flag should be set (1 = hh has rel of 22 in hh)
NEWHH	V NEWHH	1 = new case - no roster 2 = returning case - with roster
T_MARFLAG	W	FLAG FOR IF SPOUS LINE NUMBER IS PLUGGED AT LNSPOUSE
PCNT	W	total number of HOUSEHOLD MEMBERS - does not include deleted people
HIGH_LNO	W	greatest line number allowable
SPIX	W	LINE NUMBER of spouse
SP_FLAG	W	USED IN LN SPOUSE EDIT
DADIX	W	LINE NUMBER of dad
MOMIX	W	LINE NUMBER of mom
REF_NAME	W	reference person's first name USED IN SPOUSE EDITS
REF_FNAME	W	reference person's first name
REF_LNAME	W	reference person's first name
REF_SEX	W	reference person's sex
REF_LNO	W	reference person's line number
CC_BEGIN		IF THE CASE WAS A VACANT, URE OR NOINTERVIEW LAST TIME RETURNING HOUSEHOLD
STILIV1	W	I have listed (READ NAMES ABOVE) Are all of these persons still living or staying ...? (1) Yes (2) No (3) UNdelete a person
UNDEL_WHO	W	** DO NOT READ ** ENTER LINE NUMBER OF PERSON TO UNDELETE
STILIV2	V STILIV2	** ASK IF NECESSARY ** Do ANY of these people still live at this address? (1) Yes (2) No Reset to returning household
CHECK_REP	W	** INTERVIEWER CHECK ITEM ** You are about to make this case a replacement household Enter (M) for mistake (P) to make case a replacement household Changed to new household
NOLIVE		Who no longer lives here? ENTER LINE NUMBER OR (N) FOR NO MORE
NOLIVE@1	W	
NOLIVE@2	W	
NOLIVE@3	W	
NOLIVE@4	W	
NOLIVE@5	W	
NOLIVE@6	W	
WHYNO	W	** ASK IF NECESSARY ** DO NOT READ THE CATEGORIES TO THE RESPONDENT Why does ... .. no longer live here? (1) Moved Away (2) Deceased (3) Included in error in a previous interview (4) Mistake, should not be deleted (5) Other

Name	Seq#	Description
CK_LEFT2		CHECK TO SEE IF ALL HHMEMBERS HAVE BEEN DELETED
CK_LEFT3		Changed to new household Reset to returning household (Back up protection)
APPEND_PER		ROSTER LEVEL VARIABLES
P_PX	W	local counter (USED FOR SUBSCRIBTING)
P_REF_LNO	W	LINE # OF REFERENCE PERSON
P_SPIX	W	LINE # OF SPOUSE OF REFERENCE PERSON
P_DADIX	W	LINE # OF DAD OF REFERENCE PERSON
P_MOMIX	W	LINE # OF MOM OF REFERENCE PERSON
X	W	local variable
ADDPER	w	FLAG-ADD TO HOUSEHOLD
DELPER	w	FLAG-DELETE FROM HOUSEHOLD
HHMEM	d HHMEM 4016	FLAG-HHMEM = (1) = YES (2) = NO
OLDPER	w	CW*
FNAME	v FNAME	CW*
LNAME	v LNAME	CW*
ADDWHY	w	WHY PERSON ADDED TO THE HOUSEHOLD
RPNAME		What are the names of all persons living or staying here? Start with the name of the person or one of the persons, who owns or rents this home
RPNAME@FNAME	w	FIRST NAME
RPNAME@LNAME	w	LAST NAME
USUAL	W	Does ... .. usually live here? (1) Yes (2) No
URE	W	Does ... .. have some other place where you/he/she usually lives? (1) Yes (2) No
RPSEX	W	Ask if not apparent: Is ... .. Male or Female? (1) Male (2) Female
MORPER	w	Is anyone else living or staying at this address now? (1) Yes (2) No
NEXTNM		Who else is living or staying here?
NEXTNM@FNAME	w	FIRST NAME
NEXTNM@LNAME	w	LAST NAME
NXTLIV	W	Does ... .. usually live here? (1) Yes (2) No

NXTURE W Does ... ..  
 have some other place where you/he/she usually lives?  
 (1) Yes  
 (2) No

NXTSEX W Ask if not apparent:  
 Is ... .. Male or Female?  
 (1) Male  
 (2) Female

MOREPER W Is anyone else living or staying  
 at this address now?  
 ENTER (1) YES TO ADD NEXT PERSON  
 (1) Yes  
 (2) No

CK\_PERS \*\*\* TEMPLATE SECTION \*\*\*

HHROS HOUSEHOLD ROSTER  
 LINE NAME

T\_INTROPT ELIGIBLE RESPONDENTS FOR MORTGAGE  
 LN NAME  
 NONRELATIVE INCOME NEEDED FOR:  
 LN NAME

T\_MMORT ELIGIBLE RESPONDENTS FOR MORTGAGE  
 LN NAME

T\_RTNUM HOUSEHOLD ROSTER  
 LN NAME AGE

HHROS1 HOUSEHOLD ROSTER  
 LN NAME REL AGE

T\_USUALLY HOUSEHOLD ROSTER  
 LN NAME

T\_UNDEL HOUSEHOLD ROSTER  
 LN NAME

T\_SHOROS HH R LN NAME SEX REL AGE MAR LPR

T\_HHROS H R LN NAME SX REL ED RC OR MR AGE

CHNG2 HOUSEHOLD ROSTER  
 LN NAME REL ED RC OR SX MAR AGE

T\_NOLIVE LN NAME

HHELIG HOUSEHOLD ROSTER  
 LINE NAME

MAXPER v MAXPER NOTE: A MAXIMUM OF 30 PEOPLE MAY BE INTERVIEWED IN  
 ANY HOUSEHOLD. THE LIMIT HAS BEEN REACHED  
 NO QUESTIONS WILL BE ASKED FOR ANY ADDITIONAL PEOPLE

SET\_QCLNO NEW HOUSEHOLD

RTMSNG1 Have I missed  
 any babies or small children?  
 (1) Yes  
 (2) No

RTMSNG1a1 W Any lodgers, boarders, or persons  
 you employ who live here?  
 (1) Yes  
 (2) No

RTMSNG1a2 W

RTMSG2		Anyone who usually lives here but is away now, traveling for work or business, on vacation or at school or in a hospital? (1) Yes (2) No
RTMSG2a1	W	Anyone else staying here? (1) Yes (2) No
RTMSG2a2	W	
USUALLY	W	Do ... usually live here? (1) Yes (2) No
UREPN		Who does not usually live here? ENTER LINE NUMBER OR (N) FOR NOMORE
UREPNa1	W	
UREPNa2	W	
UREPNa3	W	
UREPNa4	W	
UREPNa5	W	
UREPNa6	W	
URE2	W	Does ... .. have some other place where ... usually lives? (1) Yes (2) No
CK2_LEFT2		CHECK TO SEE IF ALL HHMEMBERS HAVE BEEN DELETED
CK2_LEFT3		Reset to returning household (Back up protection)
MSGPRSN		I have listed: READ NAMES Have I missed any babies or small children? (1) Yes (2) No
MSGPRSNa1	W	Any lodgers, boarders, or persons you employ who live here? (1) Yes (2) No
MSGPRSNa2	W	
MSGPR2		Anyone who usually lives here but is away now, traveling for work or business, on vacation or at school or in a hospital? (1) Yes (2) No
MSGPR2a1	W	Anyone else staying here? (1) Yes (2) No
MSGPR2a2	W	
PRE_HHRESP		COMMENT: If PCNT = 1, set HHRESP = 1 URE HOUSEHOLD
HHRESP	V HHRESP	Ask if necessary: With whom am I speaking? *** ENTER LINE NUMBER ***
PRE_OWNER		IF TENURE = 3 (NO CASH RENT) THEN SELECT THE FIRST HOUSEHOLD MEMBER WHO IS 18+ AS THE OWNER/RENTER IF IT IS A NEW CASE WE DO NOT KNOW THE AGES YET

OWNER In whose name is this home ...?  
 ENTER (N) FOR NO MORE  
 ENTER LINE NUMBER(S)

OWNER@1 W  
 OWNER@2 W  
 OWNER@3 W  
 OWNER@4 W  
 OWNER@5 W

REFPER\_CK ADDED TO TAKE CARE OF THE CASE WHERE YOU HAVE 2 REFERENCE PERSONS  
 YOU UNDELETE A PREVIOUS REFERENCE PERSON AT STILV1 AND HAVE ONE CURRENTLY SET  
 (RELATIONSHIP IS NOT BLANKED FOR NON HOUSEHOLD MEMBERS)

BEG\_REL COMMENT: Loop through the following screens as appropriate  
 DOB, VERAGE, AGESES, MAR, EDUCA, RACE, ORIGIN, PAR

PRE\_REL NEED TO SKIP OVER DEMO'S FOR PEOPLE WHO AREN'T NEW

NXTREL W What is ... ..'s relationship to ...?  
 (20) Spouse (Husband/Wife)  
 (21) Unmarried Partner  
 (22) Child  
 (23) Grandchild  
 (24) Parent (Mother/Father)  
 (25) Brother/Sister  
 (26) Other Relative of Reference Person  
 (Uncle, cousin, mother-in-law, father-in-law, etc.)  
 (27) Foster child  
 (28) Housemate/Roomate  
 (29) Roomer/Boarder  
 (30) Other Non-Relative of Reference Person

REL2 v REL2 (MARK OR ASK)  
 Does anybody related to ... live here?  
 (1) Yes  
 (2) No

CK\_SP1 COMMENT: If REL(PX) = 2 and SPIX is not equal 0 (a spouse of reference person has already been reported), GOTO SPOUSE3  
 COMMENT: If REL(PX) = 2 and SEX(PX) = 1 or 2 and SEX(PX) = SEX(1) then GOTO SPOUSE1  
 COMMENT: If REL(PX) = 5 and SEX(PX) = 1 then  
 If DADIX = 0, GOTO SET\_MDIX  
 otherwise, GOTO DAD1  
 COMMENT: If REL(PX) = 5 and SEX(PX) = 2 then  
 If MOMIX = 0, GOTO SET\_MDIX  
 otherwise, GOTO MOM1  
 COMMENT: Otherwise GOTO AFT\_REL

SPOUSE1 W (DO NOT READ TO RESPONDENT UNLESS NECESSARY)  
 Is one of the following SEX entries incorrect?  
 LINE NAME SEX  
 (1) To correct LINE 1's SEX entry  
 (2) To correct LINE ...'s SEX entry  
 (3) Neither sex entry is incorrect

CK\_SP2 COMMENT: if the response to SPOUSE1 is 1, change SEX(1) from 1 to 2 or from 2 to 1 and GOTO AFT\_REL  
 COMMENT: If the response to SPOUSE1 is 2, change SEX(PX) from 1 to 2 or from 2 to 1 and GOTO AFT\_REL

SPOUSE2 W You said ... ..  
 is ... spouse  
 Is that correct?  
 (1) Yes  
 (2) No

Name	Seq#	Description
SPOUSE3	W	(DO NOT READ TO RESPONDENT UNLESS NECESSARY) Earlier I recorded ... was ... spouse You have just reported ... .. is also ... spouse Which is correct? (1) ... is the correct spouse. Change relationship entry of (2) ... .. is the correct spouse. Change relationship entry of
SPOUSE4	W	Which one of the responses listed best describes ... relationship to ...? (22) Child (23) Grandchild (24) Parent (Mother/Father) (25) Brother/Sister (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.) (27) Foster child (28) Housemate/Roomate (29) Roomer/Boarder (30) Other Non-Relative of Reference Person
DAD1	W	You have reported both and are parents of Is that correct? (1) No, change relationship to reference person code for (2) No, change relationship to reference person code for (3) Yes, this is correct (One is natural father, one is step-father, for example)
DAD2	W	Which one of the responses listed best describes relationship to ...? (22) Child (23) Grandchild (24) Parent (Mother/Father) (25) Brother/Sister (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.) (27) Foster child (28) Housemate/Roomate (29) Roomer/Boarder (30) Other Non-Relative of Reference Person
MOM1	W	You have reported both and are parents of Is that correct? (1) No, change relationship to reference person code for (2) No, change relationship to reference person code for (3) Yes, this is correct (One is natural mother, one is step-mother, for example)
MOM2	W	Which one of the responses listed best describes relationship to ...? (22) Child (23) Grandchild (24) Parent (Mother/Father) (25) Brother/Sister (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.) (27) Foster child (28) Housemate/Roomate (29) Roomer/Boarder (30) Other Non-Relative of Reference Person

AFT\_REL COMMENT: If REL(PX) = 2 then set SPIX = PX

SET\_MDIX COMMENT: If REL(PX) = 5 and SEX(PX) = 1 then  
 If DADIX = 0, SET DADIX = PX  
 COMMENT: If REL(PX) = 5 and SEX(PX) = 2 then  
 If MOMIX = 0, SET MOMIX = PX

SET\_REFPER NEED TO SET REFERENCE PERSON TO WITH OR WITHOUT OWN RELS

VER\_AGE1 W I have recorded that ... ..  
 Is that correct?  
 NOTE: KEY (1) YES IF THE AGE HAS BEEN VERIFIED  
 (1) Yes, age is correct  
 (2) No, age is not correct

BRTHDATE What is ... date of birth?  
 (1) January (5) May (9) September  
 (2) February (6) June (10) October  
 (3) March (7) July (11) November  
 (4) April (8) August (12) December

BRTHDATE@BRTHM W ENTER MONTH:  
 BRTHDATE@BRTHD W ENTER DAY:  
 BRTHDATE@BRTHY W ENTER 4 DIGIT YEAR:

CALC\_AGE COMMENT: Use the information collected in screen BRTHDATE together with  
 the current month (MONTH) and current year (Year), available  
 from the laptops calendar as follows:

ERR\_AGE W \*\* DO NOT READ TO RESPONDENT \*\*  
 BIRTHDATE IS IN THE FUTURE  
 ENTER (P) TO BACK TO BRTHDATE

VER\_AGE W So ... now ...  
 Is that correct?  
 (1) Yes, age is correct  
 (2) No, age is not correct

AGEGES W ENTER YOUR BEST ESTIMATE OF  
 ... AGE:

UNDAGE W \*\* ASK IF NECESSARY \*\*  
 Is ... under 14 years of age?  
 (1) Yes  
 (2) No

PRE\_MAR COMMENT: If REL(L\_NO) is 20 (spouse), AUTOMATICALLY PLUG  
 MS TO MARRIED AND SPOUS eq to REFPER and go to PRE\_educA  
 ( EDIT #28)  
 (EDIT #28)

MAR\_VER W Is that still correct?  
 (1) Yes  
 (2) No

S\_MAR W ... .. now married  
 widowed, divorced, separated or never married?  
 (2) Married, SPOUSE ABSENT  
 (3) Widowed  
 (4) Divorced  
 (5) Separated  
 (6) Never married

CK\_LNSPOUSE PARENT  
 SPOUSE OF CHILD, GRANDCHILD, SIBLING, OTH REL CAN ONLY BE AN OTHER REL  
 SPOUSE OF AN OTHER REL CAN ONLY BE A CHILD, GRANDCHILD, SIBLING, OR OTH REL  
 SPOUSE OF AN NON-REL WITH CAN ONLY BE A NON-REL WITH

SPLN LISTING OF ELIGIBLE SPOUSES  
 LN NAME

S\_LNSPOUSE W ENTER LINE NUMBER OF  
 ... SPOUSE  
 ]

CK\_SPAGE EDIT # 22  
 THE SPOUSE OF A MARRIED PERSON AGED 14 OR GREATER  
 MUST BE AGED 14 OR GREATER  
 SAME SEX SPOUSE  
 DON'T NEED TO CHECK FOR MARITAL STATUS BECAUSE ON THE  
 S\_LNSPOUSE SCREEN THERE IS ALREADY AN EDIT THAT YOU CAN'T  
 PICK SOMEONE WHO ISN'T MARRIED

ERR\_SPAGE W HAT SHOULD THIS SAY/DO?  
 EDIT # 22 - AGE OF SPOUSE LT 14  
 PRESS ENTER TO PROCEED

ERR\_SPSEX1 W (DO NOT READ TO RESPONDENT UNLESS NECESSARY)  
 Is one of the following SEX entries incorrect?  
 LINE NAME SEX  
 (1) To correct LINE ...'s SEX entry  
 (2) To correct LINE ...'s SEX entry  
 (3) Neither sex entry is incorrect

CK\_ERR\_SPSEX1 COMMENT: if the response to ERR\_SPSEX1 is 1, change SEX(SPOUS) from  
 1 to 2 or from 2 to 1 and GOTO AFT\_REL  
 COMMENT: If the response to ERR\_SPSEX1 is 2, change SEX(L\_NO) from  
 1 to 2 or from 2 to 1 and GOTO AFT\_REL

ERR\_SPSEX2 W You said ...  
 is ... spouse  
 Is that correct?  
 (1) Yes  
 (2) No

EDUCA\_VER W The highest grade or level of school  
 ... was  
 Is that still correct?  
 (1) Yes  
 (2) No

EDUCA v EDUCA What is the highest level of school ...  
 ... completed or the highest degree ...  
 ... received?  
 (31) Less than 1st grade (44) Bachelors degree  
 (32) 1st,2nd,3rd or 4th grade (for example: BA, AB, BS)  
 (33) 5th or 6th grade (45) Master's degree (For example:  
 (34) 7th or 8th grade MA, MS, MEng, MEd, MSW, MBA)  
 (35) 9th grade (46) Professional School Degree (For  
 (36) 10th grade example: MD, DDS, DVM, LLB, JD)  
 (37) 11th grade (47) Doctorate degree  
 (38) 12th grade, no diploma (For example PhD, EdD)  
 (39) HIGH SCHOOL GRADUATE - high school DIPLOMA  
 or equivalent (For example: GED)  
 (40) Some college but no degree  
 (41) Diploma or certificate from a vocational, technical, trade  
 or business school beyond the High School level  
 (42) Associate degree in college - Occupational/vocational program  
 (43) Associate degree in college - Academic program

WHENMOVE When did ... move to this ...?  
 FR: ENTER (X) if mother lived here when person was born  
 ENTER 4 DIGIT YEAR  
 What month was that?  
 (1) January (5) May (9) September  
 (2) February (6) June (10) October  
 (3) March (7) July (11) November  
 (4) April (8) August (12) December

WHENMOVE@YR W

WHENMOVE@MON W

S\_RACE W What is ... race?  
 (1) White  
 (2) Black  
 (3) American Indian, Aleut, or Eskimo  
 (4) Asian or Pacific Islander  
 (5) Other Race

S\_ORIGIN W ... .. Hispanic or Spanish-American?  
 (1) Yes  
 (2) No

CK\_LNPAR NON-REL WITH NO OTHER RELATIVES  
 (EDIT #16)  
 REFERENCE PERSON WITHOUT  
 (EDIT #16)  
 (EDIT #21) (CHILD OF REFERENCE PERSON)  
 IF A ONE PERSON HOUSEHOLD THEN SKIP OVER S\_LNPARENT  
 PARENT OF SPOUSE CAN ONLY BE "OTHER REL"  
 PARENT OF PARENT CAN ONLY BE "OTHER REL"

PRLN LISTING OF ELIGIBLE PARENTS  
 LN NAME

S\_LNPARENT W Do ... live in  
 this household?  
 \*\* ENTER LINE NUMBER OF PARENT \*\*  
 ENTER (0) FOR NONE

CK\_PRAGE EDIT #30  
 THE PARENT OF A CHILD MUST BE AT LEAST 14 YEAR OLDER THAN THE CHILD  
 AGE OF PARENT  
 AGE OF CHILD

ERR\_PRAGE W You only have ... years age  
 difference between parent and child  
 Is that correct?  
 (1) Yes  
 (2) No

END\_DEMOS COMMENT: This is the end of the loop where we collect  
 age, date of birth, marital status, line number of spouse  
 and education

CHANGE W REVIEW ALL CATEGORIES AND MAKE ANY CORRECTIONS AS NEEDED  
 SHIFT-F6 AND THEN "PAGE DOWN" FOR NEXT PAGE  
 Enter LINE NUMBER if ANY changes needed  
 (P) data correct - Proceed (A) ADD a new person

CHG\_WHAT W What change is needed for: ...  
 (M) Mistake -- no changes needed (7) Race  
 (1) Name (4) Age (8) Origin  
 (2) Relationship (5) Marital Status (9) Delete Person  
 (3) Sex (6) Education (10) UNdelete Person

FIXNAME What is the name of the person living  
 or staying here?

FIXNAME@FNAME W FIRST NAME  
 FIXNAME@LNAME W LAST NAME

FIXREL W What is ... ..'s  
 relationship to ...?  
 (20) Spouse (Husband/Wife)  
 (21) Unmarried Partner  
 (22) Child  
 (23) Grandchild  
 (24) Parent (Mother/Father)  
 (25) Brother/Sister  
 (26) Other Relative of Reference Person  
 (Uncle, cousin, mother-in-law, father-in-law, etc.)  
 (27) Foster child  
 (28) Housemate/Roomate  
 (29) Roomer/Boarder  
 (30) Other Non-Relative of Reference Person

FIX\_REL2 W Does anybody related to ... live here?  
 (1) Yes  
 (2) No

C\_CHK\_SP1 \*\*\*\*\*  
 COMMENT: If REL(PX) = 2 and SPIX is not equal 0 (a spouse of  
 reference person has already been reported), GOTO SPOUSE3  
 COMMENT: If REL(PX) = 2 and SEX(PX) = 1 or 2 and SEX(PX) = SEX(1)  
 then GOTO SPOUSE1  
 COMMENT: If REL(PX) = 5 and SEX(PX) = 1 then  
 If DADIX = 0, GOTO SET\_MDIX  
 otherwise, GOTO DAD1  
 COMMENT: If REL(PX) = 5 and SEX(PX) = 2 then  
 If MOMIX = 0, GOTO SET\_MDIX  
 otherwise, GOTO MOM1  
 COMMENT: Otherwise GOTO AFT\_REL

FIXSPOUSE1 W (DO NOT READ TO RESPONDENT UNLESS NECESSARY)  
 Is one of the following SEX entries incorrect?  
 LINE NAME SEX  
 (1) To correct LINE 1's SEX entry  
 (2) To correct LINE ...'s SEX entry  
 (3) Neither sex entry is incorrect

C\_CHK\_SP2 COMMENT: if the response to SPOUSE1 is 1, change SEX(1) from  
 1 to 2 or from 2 to 1 and GOTO AFT\_REL  
 COMMENT: If the response to SPOUSE1 is 2, change SEX(PX) from  
 1 to 2 or from 2 to 1 and GOTO AFT\_REL

FIXSPOUSE2 W You said ... ..  
 is ... spouse  
 Is that correct?  
 (1) Yes  
 (2) No

FIXSPOUSE3 W (DO NOT READ TO RESPONDENT UNLESS NECESSARY)  
 Earlier I recorded  
 ... was  
 ... spouse  
 You have just reported  
 ... .. is also  
 ... spouse  
 Which is correct?  
 (1) ... is the  
 correct spouse. Change relationship entry of  
 (2) ... .. is the  
 correct spouse. Change relationship entry of

FIXSPOUSE4 W Which one of the responses listed best describes  
 ... relationship  
 to ...?  
 (22) Child  
 (23) Grandchild  
 (24) Parent (Mother/Father)  
 (25) Brother/Sister  
 (26) Other Relative of Reference Person  
 (Uncle, cousin, mother-in-law, father-in-law, etc.)  
 (27) Foster child  
 (28) Housemate/Roomate  
 (29) Roomer/Boarder  
 (30) Other Non-Relative of Reference Person

FIXDAD1 W You have reported both  
 and  
 are parents of  
 Is that correct?  
 (1) No, change relationship to reference person code for  
 (2) No, change relationship to reference person code for  
 (3) Yes, this is correct  
 (One is natural father, one is step-father, for example)

FIXDAD2	W	Which one of the responses listed best describes relationship to ...? (22) Child (23) Grandchild (24) Parent (Mother/Father) (25) Brother/Sister (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.) (27) Foster child (28) Housemate/Roomate (29) Roomer/Boarder (30) Other Non-Relative of Reference Person
FIXMOM1	W	You have reported both and are parents of Is that correct? (1) No, change relationship to reference person code for (2) No, change relationship to reference person code for (3) Yes, this is correct (One is natural mother, one is step-mother, for example)
FIXMOM2	W	Which one of the responses listed best describes relationship to ...? (22) Child (23) Grandchild (24) Parent (Mother/Father) (25) Brother/Sister (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.) (27) Foster child (28) Housemate/Roomate (29) Roomer/Boarder (30) Other Non-Relative of Reference Person
C_AFT_REL		COMMENT: If REL(PX) = 2 then set SPIX = PX
C_SET_MDIX		COMMENT: If REL(PX) = 5 and SEX(PX) = 1 then If DADIX = 0, SET DADIX = PX COMMENT: If REL(PX) = 5 and SEX(PX) = 2 then If MOMIX = 0, SET MOMIX = PX
FIXSEX	W	ASK IF NOT APPARENT: ... .. Male or Female? (1) Male (2) Female
FIXBDATE		What is ... date of birth? (1) January (5) May (9) September (2) February (6) June (10) October (3) March (7) July (11) November (4) April (8) August (12) December
FIXBDATE@BMON	W	ENTER MONTH:
FIXBDATE@BRTHD	W	ENTER DAY:
FIXBDATE@BYR	W	ENTER 4 DIGIT YEAR:
FIXCALC_AGE		COMMENT: Use the information collected in screen BRTHDATE together with the current month (MONTH) and current year (Year), available from the laptops calendar as follows:
FIXERR_AGE	W	** DO NOT READ TO RESPONDENT ** BIRTHDATE IS IN THE FUTURE ENTER (P) TO BACK TO BRTHDATE
FIXVER_AGE	W	So ... now ... Is that correct? (1) Yes, age is correct (2) No, age is not correct

FIXAGEGES	W	ENTER YOUR BEST ESTIMATE OF ... AGE:
FIXUNDAGE	W	** ASK IF NECESSARY ** Is ... under 14 years of age? (1) Yes (2) No
FIXMAR	W	... .. now married widowed, divorced, separated or never married? (1) Married, SPOUSE PRESENT (2) Married, SPOUSE ABSENT (3) Widowed (4) Divorced (5) Separated (6) Never married
FIXEDUC	W	What is the highest level of school ... ... completed or the highest degree ... .. received? (31) Less than 1st grade (44) Bachelors degree (32) 1st,2nd,3rd or 4th grade (for example: BA, AB, BS) (33) 5th or 6th grade (45) Master's degree (For example: (34) 7th or 8th grade MA, MS, MEng, MEd, MSW, MBA) (35) 9th grade (46) Professional School Degree (For (36) 10th grade example: MD, DDS, DVM, LLB, JD) (37) 11th grade (47) Doctorate degree (38) 12th grade, no diploma (For example PhD, EdD) (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 shcool beyond the High School level (42) Associate degree in college - Occupational/vocational program (43) Associate degree in college - Academic program
FIXRACE	W	(1) White (2) Black (3) American Indian, Aleut, or Eskimo (4) Asian or Pacific Islander (5) Other Race
FIXORIG	W	... .. of Spanish or Hispanic origin? (1) Yes (2) No
CHG_MORE	W	Are any more changes needed for: ... (1) Yes (2) No DELETING PEOPLE
D_WHYNO	W	** ASK IF NECESSARY ** DO NOT READ THE CATEGORIES TO THE RESPONDENT Why does ... .. no longer live here? (1) Moved Away (2) Deceased (3) Included in error in a previous interview (4) Mistake, should not be deleted (5) Other
CK_CHANGE		CHECK FOR WHOLE HOUSEHOLDS URE
GET_REFPER2		In whose name is this home ...? ENTER (N) FOR NO MORE ENTER LINE NUMBER(S)
GET_REFPER2@1	W	
GET_REFPER2@2	W	
GET_REFPER2@3	W	
GET_REFPER2@4	W	
GET_REFPER2@5	W	

NWREL W How is ... ..  
 related to ...?  
 (20) Spouse (Husband/Wife)  
 (21) Unmarried Partner  
 (22) Child  
 (23) Grandchild  
 (24) Parent (Mother/Father)  
 (25) Brother/Sister  
 (26) Other Relative of Reference Person  
 (Uncle, cousin, mother-in-law, father-in-law, etc.)  
 (27) Foster child  
 (28) Housemate/Roomate  
 (29) Roomer/Boarder  
 (30) Other Non-Relative of Reference Person

NWREL2 W Does anybody related to ... live here?  
 (1) Yes  
 (2) No

NWCK\_SP1 COMMENT: If REL(PX) = 2 and SPIX is not equal 0 (a spouse of  
 reference person has already been reported), GOTO NWSPOUSE3  
 COMMENT: If REL(PX) = 2 and SEX(PX) = 1 or 2 and SEX(PX) = SEX(1)  
 then GOTO NWSPOUSE1  
 COMMENT: If REL(PX) = 5 and SEX(PX) = 1 then  
 If DADIX = 0, GOTO NWSET\_MDIX  
 otherwise, GOTO NWDAD1  
 COMMENT: If REL(PX) = 5 and SEX(PX) = 2 then  
 If MOMIX = 0, GOTO NWSET\_MDIX  
 otherwise, GOTO NWMOM1  
 COMMENT: Otherwise GOTO NWAFT\_REL

NWSPOUSE1 W (DO NOT READ TO RESPONDENT UNLESS NECESSARY)  
 Is one of the following SEX entries incorrect?  
 LINE NAME SEX  
 (1) To correct LINE ...'s SEX entry  
 (2) To correct LINE ...'s SEX entry  
 (3) Neither sex entry is incorrect

NWCK\_SP2 COMMENT: if the response to NWSPOUSE1 is 1, change SEX(1) from  
 1 to 2 or from 2 to 1 and GOTO NWAFT\_REL  
 COMMENT: If the response to NWSPOUSE1 is 2, change SEX(PX) from  
 1 to 2 or from 2 to 1 and GOTO NWAFT\_REL

NWSPOUSE2 W You said ... ..  
 is ... spouse  
 Is that correct?  
 (1) Yes  
 (2) No

NWSPOUSE3 W (DO NOT READ TO RESPONDENT UNLESS NECESSARY)  
 Earlier I recorded  
 ... was  
 ... spouse  
 You have just reported  
 ... .. is also  
 ... spouse  
 Which is correct?  
 (1) ... is the  
 correct spouse. Change relationship entry of  
 (2) ... .. is the  
 correct spouse. Change relationship entry of

NWSPOUSE4 W Which one of the responses listed best describes  
 ... relationship  
 to ...?  
 (22) Child  
 (23) Grandchild  
 (24) Parent (Mother/Father)  
 (25) Brother/Sister  
 (26) Other Relative of Reference Person  
 (Uncle, cousin, mother-in-law, father-in-law, etc.)  
 (27) Foster child  
 (28) Housemate/Roomate  
 (29) Roomer/Boarder  
 (30) Other Non-Relative of Reference Person

NWDAD1	W	You have reported both and are parents of Is that correct? (1) No, change relationship to reference person code for (2) No, change relationship to reference person code for (3) Yes, this is correct (One is natural father, one is step-father, for example)
NWDAD2	W	Which one of the responses listed best describes relationship to ...? (22) Child (23) Grandchild (24) Parent (Mother/Father) (25) Brother/Sister (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.) (27) Foster child (28) Housemate/Roomate (29) Roomer/Boarder (30) Other Non-Relative of Reference Person
NWMOM1	W	You have reported both and are parents of Is that correct? (1) No, change relationship to reference person code for (2) No, change relationship to reference person code for (3) Yes, this is correct (One is natural mother, one is step-mother, for example)
NWMOM2	W	Which one of the responses listed best describes relationship to ...? (22) Child (23) Grandchild (24) Parent (Mother/Father) (25) Brother/Sister (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.) (27) Foster child (28) Housemate/Roomate (29) Roomer/Boarder (30) Other Non-Relative of Reference Person
NWAFT_REL		COMMENT: If REL(PX) = 2 then set SPIX = PX
NWSET_MDIX		COMMENT: If REL(PX) = 5 and SEX(PX) = 1 then If DADIX = 0, SET DADIX = PX COMMENT: If REL(PX) = 5 and SEX(PX) = 2 then If MOMIX = 0, SET MOMIX = PX
UPDATE4		**WINDOWS**
CC_END		This marks the end of the demographics section SET UP PELIG
NEWNAME		Who else is living or staying here?
NEWNAME@FNAME	W	FIRST NAME
NEWNAME@LNAME	W	LAST NAME
NEWNAME_1		SET HHMEM TO 1 HERE SO THAT THE PERSON WILL SHOW ON THE TEMPLATE IN USUALLY. (USUALLY WILL TELL US WHETHER THIS PERSON USUALLY LIVES HERE)
NEWSEX	W	ASK IF NOT APPARENT: Is ... .. Male or Female? (1) Male (2) Female
NEWADDWHY	W	Why was ... .. added? (1) Born (2) Moved into household/apartment (3) Other reason

NOMORE_ADD	W	NOTE: A MAXIMUM OF 30 PEOPLE MAY BE INTERVIEWED IN ANY HOUSEHOLD. THE LIMIT HAS BEEN REACHED NO MORE PERSONS CAN BE ADDED
DONE_ADD		** ADDING SOMEONE AT THE CHANGE SCREEN **
ADDNAME		What is the name of the new person?
ADDNAME@FNAME	W	FIRST NAME
ADDNAME@LNAME	W	LAST NAME
ADD_RES	W	Does ... .. usually live here? (1) Yes (2) No
ADDURE	W	Does ... .. have some other place where he/she usually lives? (1) Yes (2) No
ADDSEX	W	ASK IF NOT APPARENT: Is ... .. Male or Female? (1) Male (2) Female
ADDSEX_1		RETURNING HOUSEHOLD
CHGADDWHY	W	Why was ... .. added? (1) Born (2) Moved into household/adopted (3) Other reason
ADDREL	W	What is ... ..'s relationship to ... ? (20) Spouse (Husband/Wife) (21) Unmarried Partner (22) Child (23) Grandchild (24) Parent (Mother/Father) (25) Brother/Sister (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.) (27) Foster child (28) Housemate/Roomate (29) Roomer/Boarder (30) Other Non-Relative of Reference Person
ADDREL2	W	Does anybody related to ... live here? (1) Yes (2) No
ADD_CHK_SP1		COMMENT: If REL(PX) = 2 and SPIX is not equal 0 (a spouse of reference person has already been reported), GOTO SPOUSE3 COMMENT: If REL(PX) = 2 and SEX(PX) = 1 or 2 and SEX(PX) = SEX(1) then GOTO SPOUSE1 COMMENT: If REL(PX) = 5 and SEX(PX) = 1 then If DADIX = 0, GOTO SET_MDIX otherwise, GOTO DAD1 COMMENT: If REL(PX) = 5 and SEX(PX) = 2 then If MOMIX = 0, GOTO SET_MDIX otherwise, GOTO MOM1 COMMENT: Otherwise GOTO AFT_REL
ADD_SPOUSE1	W	(DO NOT READ TO RESPONDENT UNLESS NECESSARY) Is one of the following SEX entries incorrect? LINE NAME SEX (1) To correct LINE 1's SEX entry (2) To correct LINE ...'s SEX entry (3) Neither sex entry is incorrect

ADD_	Seq#	Description
ADD_CK_SP2		COMMENT: if the response to SPOUSE1 is 1, change SEX(1) from 1 to 2 or from 2 to 1 and GOTO AFT_REL COMMENT: If the response to SPOUSE1 is 2, change SEX(PX) from 1 to 2 or from 2 to 1 and GOTO AFT_REL
ADD_SPOUSE2	W	You said ... .. is ... spouse Is that correct? (1) Yes (2) No
ADD_SPOUSE3	W	(DO NOT READ TO RESPONDENT UNLESS NECESSARY) Earlier I recorded ... was ... spouse You have just reported ... .. is also ... spouse Which is correct? (1) ... is the correct spouse. Change relationship entry of (2) ... .. is the correct spouse. Change relationship entry of
ADD_SPOUSE4	W	Which one of the responses listed best describes ... relationship to ...? (22) Child (23) Grandchild (24) Parent (Mother/Father) (25) Brother/Sister (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.) (27) Foster child (28) Housemate/Roomate (29) Roomer/Boarder (30) Other Non-Relative of Reference Person
ADD_DAD1	W	You have reported both and are parents of Is that correct? (1) No, change relationship to reference person code for (2) No, change relationship to reference person code for (3) Yes, this is correct (One is natural father, one is step-father, for example)
ADD_DAD2	W	Which one of the responses listed best describes relationship to ...? (22) Child (23) Grandchild (24) Parent (Mother/Father) (25) Brother/Sister (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.) (27) Foster child (28) Housemate/Roomate (29) Roomer/Boarder (30) Other Non-Relative of Reference Person
ADD_MOM1	W	You have reported both and are parents of Is that correct? (1) No, change relationship to reference person code for (2) No, change relationship to reference person code for (3) Yes, this is correct (One is natural mother, one is step-mother, for example)

ADD_MOM2	W	Which one of the responses listed best describes relationship to ...? (22) Child (23) Grandchild (24) Parent (Mother/Father) (25) Brother/Sister (26) Other Relative of Reference Person (Uncle, cousin, mother-in-law, father-in-law, etc.) (27) Foster child (28) Housemate/Roomate (29) Roomer/Boarder (30) Other Non-Relative of Reference Person
ADD_AFT_REL		COMMENT: If REL(PX) = 2 then set SPIX = PX
ADD_SET_MDIX		COMMENT: If REL(PX) = 5 and SEX(PX) = 1 then If DADIX = 0, SET DADIX = PX COMMENT: If REL(PX) = 5 and SEX(PX) = 2 then If MOMIX = 0, SET MOMIX = PX
NOMORE_ADD3	W	NOTE: A MAXIMUM OF 30 PEOPLE MAY BE INTERVIEWED IN ANY HOUSEHOLD. THE LIMIT HAS BEEN REACHED NO MORE PERSONS CAN BE ADDED
ADD_BRTH		What is ... date of birth? (1) January (5) May (9) September (2) February (6) June (10) October (3) March (7) July (11) November (4) April (8) August (12) December
ADD_BRTH@BRTHM	W	ENTER MONTH:
ADD_BRTH@BRTHD	W	ENTER DAY:
ADD_BRTH@BRTHY	W	ENTER 4 DIGIT YEAR:
ADD_ERR_AGE	W	** DO NOT READ TO RESPONDENT ** BIRTHDATE IS IN THE FUTURE ENTER (P) TO BACK TO BRTHDATE
ADD_VER_AGE	W	So ... now ... Is that correct? (1) Yes, age is correct (2) No, age is not correct
ADD_AGESES	W	ENTER YOUR BEST ESTIMATE OF ... AGE:
ADD_UNDAGE	W	** ASK IF NECESSARY ** Is ... under 14 years of age? (1) Yes (2) No
ADD_PRE_MAR		COMMENT: If AGE is 13 or less, GOTO ADD_PRE_EDUC COMMENT: If REL(L_NO) is 20 (spouse), AUTOMATICALLY PLUG MAR TO MARRIED AND SPOUSE eq to REPPER and goto PRE_EDUC (#28) (EDIT #28)
ADD_MAR	W	... .. now married widowed, divorced, separated or never married? (2) Married, SPOUSE ABSENT (3) Widowed (4) Divorced (5) Separated (6) Never married
ADD_CHK_LNSPOUSE		PARENT SPOUSE OF CHILD, GRANDCHILD, SIBLING, OTH REL CAN ONLY BE AN OTHER REL SPOUSE OF AN OTHER REL CAN ONLY BE A CHILD, GRANDCHILD, SIBLING, OR OTH REL SPOUSE OF AN NON-REL WITH CAN ONLY BE A NON-REL WITH

ADD_S_LNSPOUSE	W	ENTER LINE NUMBER OF ... SPOUSE
ADD_EDUC	W	What is the highest level of school ... ... completed or the highest degree ... ... received? (31) Less than 1st grade                   (44) Bachelors degree (32) 1st,2nd,3rd or 4th grade                   (for example: BA, AB, BS) (33) 5th or 6th grade                   (45) Master's degree (For example: (34) 7th or 8th grade                   MA, MS, MEng, MEd, MSW, MBA) (35) 9th grade                   (46) Professional School Degree (For (36) 10th grade                   example: MD, DDS, DVM, LLB, JD) (37) 11th grade                   (47) Doctorate degree (38) 12th grade, no diploma                   (for example PhD, EdD) (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 shcool beyond the High School level (42) Associate degree in college - Occupational/vocational program (43) Associate degree in college - Academic program
ADD_WHENMOVE		When did ... move to this ...? FR: ENTER (X) if mother lived here when person was born
ADD_WHENMOVE@YR	W	ENTER 4 DIGIT YEAR What month was that? (1) January                   (5) May                   (9) September (2) February                   (6) June                   (10) October (3) March                   (7) July                   (11) November (4) April                   (8) August                   (12) December
ADD_WHENMOVE@MON	W	
ADD_RACE	W	What is ... race? (1) White (2) Black (3) American Indian, Aleut, or Eskimo (4) Asian or Pacific Islander (5) Other Race
ADD_ORIGN	W	... .. of Spanish or Hispanic origin? (1) Yes (2) No
ADD_CK_LNPAR		NON-REL WITH NO OTHER RELATIVES (EDIT #16) REFERENCE PERSON WITHOUT (EDIT #16) (EDIT #21) (CHILD OF REFERENCE PERSON) IF A ONE PERSON HOUSEHOLD THEN SKIP OVER S_LNPARENT PARENT OF SPOUSE CAN ONLY BE "OTHER REL" PARENT OF PARENT CAN ONLY BE "OTHER REL"
ADD_S_LNPARENT	W	... .. live in this household? ** ENTER LINE NUMBER OF PARENT ** ENTER (0) FOR NONE
ADD_CK_PRAGE		THE PARENT OF A CHILD MUST BE AT LEAST 14 YEAR OLDER THAN THE CHILD AGE OF PARENT AGE OF CHILD
ADD_ERR_PRAGE	W	You only have ... years age difference between parent and child Is that correct? (1) Yes (2) No

INVEN4A	v	FRSITQ		Excluding the dealer's lot, is ... the first site on which this mobile home was placed? (1) Yes, first site (2) No, moved from another site (3) Don't know
INVEN4ARECN	v	FRSITR		Last time we reported that this ... the first site on which ... mobile home was placed. This time you reported that this ... the first site on which this mobile home was placed. Which one should I keep as the correct answer? (1) Yes, first site (2) No, moved from another site (3) Don't know
INVEN4B	v	TPARKA		Is ... mobile home included in a group of 2 or more? (1) Yes (2) No, mobile home not in a group
INVEN4C	v	TPARKB		How many, including ... mobile home, are in the group? (2-20) 2-20 mobile homes (21) 21 or more mobile homes
INVEN5				(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?) 1990 or later: Month Year
INVEN5@MBUILTQ	v	MBUILTQ		(1) 1985-89 1980's ALTERNATIVE IF GIVEN YEARS OLD (2) 1980-84
INVEN5@BUILT1Q	v	BUILT1Q		
INVEN5@YRSOLD	v	YRSOLD		(3) 1975-79 1970's Enter Age of building/mobile home: (4) 1970-74 1970's Verify with R before entering: ... (5) 1960-69 Category (if applicable): ... (6) 1950-59 (7) 1940-49
INVEN5@CORR	w			
INVEN5@BUILT2Q	v	BUILT2Q		
INVEN6A	1230 b	CONDO	4017	
INVEN6B	v	CONDOP		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 this is a cooperative? (1) Yes (2) No (reask INVEN6a and correct answer)
INVEN7A				Is ... house built (READ CATEGORIES UNTIL A "YES" REPLY IS RECEIVED) (1) With a basement? (2) With a crawl space? (3) On a concrete slab? (4) In some other way? (SPECIFY)
INVEN7A@1	v	CELAR1Q		
INVEN7A@2	v	CELAR1SP		
INVEN7B	v	CELAR2Q		And, is that basement under ALL the house, or is it under PART of the house? "HOUSE" refers to living space only, i.e. basement doesn't need to be under garage/carport to count as "all" (1) All (2) Part J

INVEN7ARECN	v CELARR		In our last interview in ... we reported this house as being built ... This year you reported it as being built .... Which one should I keep as the correct answer? (1) ... (2) ...
INVEN8AVR	v FLOORSV		Last time we recorded ... .. in this ... .. Is this information still correct? (If split level, should be greatest number of stories on top of each other) (1) Yes (2) No (3) Don't know-not sure
INVEN8A	v FLOOSQ		How many stories are there in ... (IF SPLIT LEVEL, COUNT GREATEST NUMBER OF STORIES ON TOP OF EACH OTHER) (1-20) (ENTER EXACT NUMBER IF 1 TO 20) (21) (21 or more)
INVEN8BVR	v CLIMBV		Last time we recorded you were on the same floor as the main entrance of the building to the main entrance of your apartment Is this information still correct? Last time we recorded ... .. from the main entrance of the building to the main entrance of your apartment. Is this information still correct? (1) Yes (2) No (3) Don't Know - not sure
INVEN8B	v CLIMBQ		How many stories are there from the main entrance of the building to the main entrance of ... apartment? (0) Same floor (1-20) 1-20 (21) 21 or more
INVEN8CVR	v APTFLV		Last time we recorded that there ... .. ... IN YOUR APARTMENT ITSELF. Is this information still correct? (1) Yes (2) No (3) Don't know - not sure
INVEN8C	v APTFLQ		How many floors are in ... APARTMENT itself? FR: ENTER THE NUMBER OF FLOORS IN THE RESPONDENT'S APARTMENT DO NOT ENTER THE NUMBER OF FLOORS IN THE BUILDING (1-3) ENTER EXACT NUMBER IF 1-3 (4) 4 or more
INVEN8D	4810 b ELEV	4018	Is there a working passenger elevator to ... floor? (COUNT FREIGHT ELEVATORS ALSO MEANT TO BE USED BY PASSENGERS) (1) No elevator (2) At least one working elevator (3) All elevators not working
INVEN9AINTRO	w		The next questions are about the number and kinds of rooms in ... .. PLEASE PRESS (P) TO CONTINUE THE INTERVIEW
INVEN9A			Next, we need to get an accurate count of the number and type of rooms in ... home. You reported this home has ... floor(s) ... so starting with ... .. tell me all the rooms ... .. home. It may help if you try to picture yourself walking from room to room. (IF THE NUMBER OF FLOORS IS INCORRECT, BACK UP TO ...) Bathrooms: Ask full or half baths, if necessary
INVEN9A@1	v BEDRMS1		Bedrooms
INVEN9A@9	v DENS1		Dens/Libraries/TV Rooms
INVEN9A@2	v BATHS1		Full Bathroom
INVEN9A@10	v BUSIN1		Offices/Business rooms
INVEN9A@3	v HALFB1		Half Bathroom
INVEN9A@11	v LAUNDY1		Laundry/Utility rooms
INVEN9A@4	v KITCH1		Kitchens
			Storage rooms/Pantries

INVEN9Aa12	v STORG1		
INVEN9Aa5	v DINING1	Dining rooms	Other Finished rooms
INVEN9Aa13	v OTHFN1		
INVEN9Aa6	v LIVING1	Living rooms	Unfinished Attics/Basements
INVEN9Aa14	v ATBSUN1		
INVEN9Aa7	v FAMRM1	Family rooms/"Great" rooms	Other UNfinished rooms
INVEN9Aa15	v OTHUN1		
INVEN9Aa8	v RECRM1	Recreation rooms	

INVEN9B	v MISSRM1	I have listed ...	
		...	Bedroom(s)
		...	Full Bathroom(s)
		...	Half Bathroom(s)
		...	Kitchen(s)
		...	Dining room(s)
		...	Living room(s)
		...	Family room(s)/"Great" room(s)
		...	Recreation room(s)
		...	Dens/Libraries/TV Room(s)
		...	Office(s)/Business room(s)
		...	Laundry/Utility room(s)
		...	Storage room(s)/Pantries
		...	Other Finished rooms
		...	Unfinished Attic(s)/Basement(s)
		...	Other Unfinished room(s)

Are there any other rooms?  
 PROBE: Have I mis-recorded the number of any rooms?  
 (1) Yes (FR ASK: "What are they?" "How many?" (CORRECT INVEN9a)  
 (2) No/No other rooms missed

INVEN9C	v SEPDIN1	You mentioned a dining room. We are interested in knowing whether or not that dining room is a SEPARATE room. For this survey, a separate dining room is separated from all other rooms by archways or walls extending at least six inches. Using this definition, does your room qualify as a separate dining room?	
		(1)	Yes
		(2)	No - CORRECT INVEN9a (Dining Room)

INVEN9D Moving to the next floor down, what rooms are located there? Again it may help if you picture yourself walking from room to room (SECOND LEVEL DOWN)

INVEN9Da1	v BEDRMS2	Bedrooms	Dens/Libraries/TV Rooms
INVEN9Da9	v DENS2		
INVEN9Da2	v BATHS2	Full Bathroom	Offices/Business rooms
INVEN9Da10	v BUSIN2		
INVEN9Da3	v HALFB2	Half Bathroom	Laundry/Utility rooms
INVEN9Da11	v LAUNDY2		
INVEN9Da4	v KITCH2	Kitchens	Storage rooms/Pantries
INVEN9Da12	v STORG2		
INVEN9Da5	v DINING2	Dining rooms	Other Finished rooms
INVEN9Da13	v OTHFN2		
INVEN9Da6	v LIVING2	Living rooms	Unfinished Attics/Basements
INVEN9Da14	v ATBSUN2		
INVEN9Da7	v FAMRM2	Family rooms/"Great" rooms	Other UNfinished rooms
INVEN9Da15	v OTHUN2		
INVEN9Da8	v RECRM2	Recreation rooms	

INVEN9E	v MISSRM2	I have listed ...	
		...	Bedroom(s)
		...	Full Bathroom(s)
		...	Half Bathroom(s)
		...	Kitchen(s)
		...	Dining room(s)
		...	Living room(s)
		...	Family room(s)/"Great" room(s)
		...	Recreation room(s)
		...	Den(s)/Libraries/TV Room(s)
		...	Office(s)/Business room(s)
		...	Laundry/Utility room(s)
		...	Storage room(s)/Pantries
		...	Other Finished room(s)
		...	Unfinished Attic(s)/Basement(s)
		...	Other Unfinished room(s)

Are there any other rooms ...? PROBE: Have I mis-recorded the number of any rooms?  
 (1) Yes, What are they? "How many?" (CORRECT INVEN9d)

(2) No/No other rooms missed

INVEN9F v SEPDIN2 You mentioned a dining room. We are interested in knowing whether or not that dining room is a SEPARATE room  
 For this survey, a separate dining room is separated from all other rooms by archways or walls extending at least six inches. Using this definition, does your room qualify as a separate dining room?  
 (1) Yes  
 (2) No - CORRECT INVEN9d (Dining Room)

INVEN9G What rooms are located on the next floor down? (THIRD LEVEL DOWN)

INVEN9G@1	v BEDRMS3	Bedrooms	Dens/Libraries/TV Rooms
INVEN9G@9	v DENS3		
INVEN9G@2	v BATHS3	Full Bathroom	Offices/Business rooms
INVEN9G@10	v BUSIN3		
INVEN9G@3	v HALFB3	Half Bathroom	Laundry/Utility rooms
INVEN9G@11	v LAUNDY3		
INVEN9G@4	v KITCH3	Kitchens	Storage rooms/Pantries
INVEN9G@12	v STORG3		
INVEN9G@5	v DINING3	Dining rooms	Other Finished rooms
INVEN9G@13	v OTHFN3		
INVEN9G@6	v LIVING3	Living rooms	Unfinished Attics/Basements
INVEN9G@14	v ATBSUN3		
INVEN9G@7	v FAMRM3	Family rooms/"Great" rooms	Other UNfinished rooms
INVEN9G@15	v OTHUN3		
INVEN9G@8	v RECRM3	Recreation rooms	

INVEN9H v MISSRM3 I have listed ...

- ... Bedroom(s)
- ... Full Bathroom(s)
- ... Half Bathroom(s)
- ... Kitchen(s)
- ... Dining room(s)
- ... Living room(s)
- ... Family room(s)/"Great" room(s)
- ... Recreation room(s)
- ... Den(s)/Libraries/TV Room(s)
- ... Office(s)/Business room(s)
- ... Laundry/Utility room(s)
- ... Storage room(s)/Pantries
- ... Other Finished room(s)
- ... Unfinished Attic(s)/Basement(s)
- ... Other Unfinished room(s)

Are there any other rooms ...? PROBE: Have I mis-recorded the number of any rooms?

(1) Yes, What are they? "How many?"(CORRECT INVEN9g)  
 (2) No/No other rooms missed

INVEN9I v SEPDIN3 You mentioned a dining room. We are interested in knowing whether or not that dining room is a SEPARATE room  
 For this survey, a separate dining room is separated from all other rooms by archways or walls extending at least six inches. Using this definition, does your room qualify as a separate dining room?  
 (1) Yes  
 (2) No - CORRECT INVEN9g (Dining Room)

INVEN9J What rooms are located on the next floor down? (FOURTH LEVEL DOWN)

INVEN9J@1	v BEDRMS4	Bedrooms	Dens/Libraries/TV Rooms
INVEN9J@9	v DENS4		
INVEN9J@2	v BATHS4	Full Bathroom	Offices/Business rooms
INVEN9J@10	v BUSIN4		
INVEN9J@3	v HALFB4	Half Bathroom	Laundry/Utility rooms
INVEN9J@11	v LAUNDY4		
INVEN9J@4	v KITCH4	Kitchens	Storage rooms/Pantries
INVEN9J@12	v STORG4		
INVEN9J@5	v DINING4	Dining rooms	Other Finished rooms
INVEN9J@13	v OTHFN4		
INVEN9J@6	v LIVING4	Living rooms	Unfinished Attics/Basements
INVEN9J@14	v ATBSUN4		
INVEN9J@7	v FAMRM4	Family rooms/"Great" rooms	Other UNfinished rooms
INVEN9J@15	v OTHUN4		
INVEN9J@8	v RECRM4	Recreation rooms	

INVEN9K v MISSRM4 I have listed ...  
 ... Bedroom(s)  
 ... Full Bathroom(s)  
 ... Half Bathroom(s)  
 ... Kitchen(s)  
 ... Dining room(s)  
 ... Living room(s)  
 ... Family room(s)/"Great" room(s)  
 ... Recreation room(s)  
 ... Den/Libraries/TV Room(s)  
 ... Office(s)/Business room(s)  
 ... Laundry/Utility room(s)  
 ... Storage room(s)/Pantries  
 ... Other Finished room(s)  
 ... Unfinished Attic(s)/Basement(s)  
 ... Other Unfinished room(s)

Are there any other rooms ...? PROBE: Have I mis-recorded the number of any rooms?  
 (1) Yes, What are they? "How many?"(CORRECT INVEN9j)  
 (2) No/No other rooms missed

INVEN9L v SEPDIN4 You mentioned a dining room. We are interested in knowing whether or not that dining room is a SEPARATE room  
 For this survey, a separate dining room is separated from all other rooms by archways or walls extending at least six inches. Using this definition, does your room qualify as a separate dining room?  
 (1) Yes  
 (2) No - CORRECT INVEN9j (Dining Room)

INVEN9M What rooms are located on the rest of the levels down of ... home? (FIFTH LEVEL DOWN)

INVEN9Ma1	v BEDRMS5	Bedrooms	Dens/Libraries/TV Rooms
INVEN9Ma9	v DENS5		
INVEN9Ma2	v BATHS5	Full Bathroom	Offices/Business rooms
INVEN9Ma10	v BUSIN5		
INVEN9Ma3	v HALFB5	Half Bathroom	Laundry/Utility rooms
INVEN9Ma11	v LAUNDY5		
INVEN9Ma4	v KITCH5	Kitchens	Storage rooms/Pantries
INVEN9Ma12	v STORG5		
INVEN9Ma5	v DINING5	Dining rooms	Other Finished rooms
INVEN9Ma13	v OTHFN5		
INVEN9Ma6	v LIVING5	Living rooms	Unfinished Attics/Basements
INVEN9Ma14	v ATBSUN5		
INVEN9Ma7	v FAMRM5	Family rooms/"Great" rooms	Other UNfinished rooms
INVEN9Ma15	v OTHUN5		
INVEN9Ma8	v RECRM5	Recreation rooms	

INVEN9N v MISSRM5 I have listed ...  
 ... Bedroom(s)  
 ... Full Bathroom(s)  
 ... Half Bathroom(s)  
 ... Kitchen(s)  
 ... Dining room(s)  
 ... Living room(s)  
 ... Family room(s)/"Great" room(s)  
 ... Recreation room(s)  
 ... Dens/Libraries/TV Room(s)  
 ... Office(s)/Business room(s)  
 ... Laundry/Utility room(s)  
 ... Storage room(s)/Pantries  
 ... Other Finished room(s)  
 ... Unfinished Attic(s)/Basement(s)  
 ... Other Unfinished room(s)

Are there any other rooms ...? PROBE: Have I mis-recorded the number of any rooms?  
 (1) Yes, What are they? "How many?"(CORRECT INVEN9m)  
 (2) No/No other rooms missed

INVEN9O v SEPDIN5 You mentioned a dining room. We are interested in knowing whether or not that dining room is a SEPARATE room  
 For this survey, a separate dining room is separated from all other rooms by archways or walls extending at least six inches. Using this definition, does your room qualify as a separate dining room?  
 (1) Yes  
 (2) No - CORRECT INVEN9m (Dining Room)

INVEN9P	v BDBTHKT		(FOR EFFECIENCY OR STUDIO APARTMENTS, IF BEDROOM AND/OR KITCHEN IS LISTED BELOW, ENTER "1" WITHOUT ASKING THE QUESTION.) I want to be sure that I have correctly recorded all of the rooms information. My notes state that there is not a: in ... home. Is that correct? (1) Yes (2) No-CORRECT INVEN9a PROBE: Which do you have? Which do you not have?
INVEN9Q	v EXCLUSO		You mentioned having an office in your home. Is that office used exclusively for business? (1) Yes (2) No
INVEN9R	v ODIRAC1		Does that office have direct access to the outside? (1) Yes (2) No
INVEN9S			What else is that room used for? (ENTER X)
INVEN9Sa1	v OBEDRM1		Bedroom/Guest Room
INVEN9Sa2	v ODIN1		Dining Room
INVEN9Sa3	v OKITCH1		Kitchen
INVEN9Sa4	v OLIVIN1		Living Room
INVEN9Sa5	v OOTHRM1		Other, specify
INVEN9T			You mentioned having ... offices in your home. How many of those offices are used exclusively for business? (0) None used exclusively for business (Enter "0") (1-10) Offices used exclusively for business (1-10) Offices not used exclusively for business
INVEN9Ta1	v EXCLUS1		
INVEN9Ta2	v EXCLUS2		
INVEN9Ta3	v EXCLUS3		
INVEN9TPOP	v EXCLUS2P		Number of offices marked in INVEN9t not equal to number of offices reported earlier PRESS (P) TO GO BACK TO INVEN9t
INVEN9U	v ODIRAC2		And, how many offices used exclusively for business have direct access to the outside? (0) None have direct access to the outside (1-10) Direct access to the outside
INVEN9V			Concerning the office(s) NOT used exclusively for business what else ... used for?
INVEN9Va1	v OBEDRM2		(0-10) Bedroom/Guest Room
INVEN9Va2	v ODIN2		(0-5) Dining Room
INVEN9Va3	v OKITCH2		(0-5) Kitchen
INVEN9Va4	v OLIVIN2		(0-5) Living Room
INVEN9Va5	v OOTHRM2		(0-5) Other, specify
INVEN10	1332 b MH32	4019	Are there ... homes on ... property that ... used for living purposes by this household? (1) Yes (2) No
INVEN11			What is the model year of each of the mobile homes (EXCLUDING MOBILE HOME(S) ALREADY LISTED ON THE LISTING SHEET) (1) All mobile homes already listed (1939-1998) Use 1939 for anything earlier Enter (N) for no more
INVEN11aYR1	1341 B MH41	4020	
INVEN11aYR2	1342 B MH42	4021	
INVEN11aYR3	1343 B MH43	4022	
INVEN11aYR4	1344 B MH44	4023	
INVEN11aYR5	1345 B MH45	4024	
INVEN12	b DRSHOP	4025	Is there a medical or dental office or any commercial establishment on the property? (1) Yes (2) No

INVEN13	4970 B UNITSF	4026	Thinking about all the rooms you mentioned earlier, as well as ... and entry ways in ... .. 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... (99) 99 square feet or less (100-99997) 100-99,987 square feet (99998) 98,998 square feet or more Square Feet
INVEN14A	4570 b USFCHG	4027	Since ..., has there been a change in the amount of living space in the ... because of putting on an addition, finishing an attic, or converting a garage to living space? (DO NOT COUNT FINISHING A BASEMENT) (1) Yes (2) No
INVEN14B			How many square feet of living space were added or lost? (If dimensions given, record dimensions.) (99) = 99 square feet or less (100-99997) = 100-99,997 square feet (99998) = 99,998 square feet or more
INVEN14B@SQAD	B SQAD	4028	ADDITION Square feet OR
INVEN14B@FT1AD	B FT1AD	4029	X Dimensions
INVEN14B@FT2AD	B FT2AD	4030	
INVEN14B@SQLS	B SQLS	4031	LOSS Square feet OR
INVEN14B@FT1LS	B FT1LS	4032	X Dimensions
INVEN14B@FT2LS	B FT2LS	4033	
INVEN15VR	v PORCHV		Last time we recorded that ... .. had a porch, deck, balcony, or patio? Is this information still correct? (Measuring at least 4 feet by 4 feet) (1) Yes (2) No (3) Don't know - not sure
INVEN15	v PORCHQ		Does ... .. have a porch, deck, balcony, or patio? (Measuring at least 4 feet by 4 feet) (1) Yes (2) No
INVEN16	2520 b GARAGE	4034	Is a garage or carport included with ... ..? (1) Yes (2) No
INVEN17	2530 b INCP	4035	Is a ... (1) Yes (2) No
INVEN18A	3850 b CARS	4036	How many automobiles, excluding vans or trucks, are kept at home for use by members of your household? (0) None (1-5) 1-5, or more
INVEN18B	3860 b TRUCKS	4037	How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household? (0) None (1-5) 1-5, or more
INVEN19A			About how large is the ...? ***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 ONE 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 Square Feet OR
INVEN19A@SQFT	v LTSQFTQ		Feet by OR
INVEN19A@FT1	B LTFT1Q	4038	
INVEN19A@FT2	B LTFT2Q	4039	
INVEN19A@ACRE	B LTACQ	4040	Whole Acres

INVEN19B	b LTAC1P	4041	Would you say that the ... is more than 1 acre or less than 1 acre? (1) more (2) less (3) don't know
INVEN19C			About how many acres? ***ENTER NUMBER OF WHOLE ACRES*** (DROP ANY FRACTIONS- DON'T ROUND UP) (1-999997) 1-999,997 whole acres (999998) 999,998 acres or more
INVEN19C@ACRES	B LTACP	4042	
INVEN19D	v LTAC10P		Is it more than 10 acres? (1) Yes (2) No
INVEN19E			Could you give me an estimate of the dimensions of the lot? ***INCLUDE ALL CONNECTING LAND THAT IS OWNED OR THAT IS RENTED WITH THE HOME*** 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 (Use 999998 if 999,998 Feet or more) Square feet or (200-999998) Feet by (10-999998)
INVEN19E@SQFT	v LTSQFTP		
INVEN19E@FT1	B LTFT1P	4043	
INVEN19E@FT2	B LTFT2P	4044	
INVEN4AH	W		"Site" does not necessarily mean a mobile home park site, it means location. The mobile home does not have to have been occupied, it only needs to have been set up for occupancy
INVEN4BH	W		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 of mobile homes grouped together on adjacent, individually owned lots but not in a mobile home park Enter the exact number of mobile homes if there are 2 to 20 mobile homes Count mobile homes on the property that are used for overflow sleeping or storage, but are not separate housing units
INVEN5H	W		With mobile homes, next year's model may be out so it is possible to have a mobile home with a model year that is later than the current year (or later than the year the occupant moved in) See your manual for help
INVEN6AH	W		Condominium A "Condominium" is a type of ownership in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls grounds, etc are jointly owned. The owner has a deed and, very likely, a mortgage on an individual unit The owner also holds a common joint ownership in all common areas and hallways, entrances, elevators, etc Condominium ownership may cover single family houses rowhouse, townhouses, etc., as well as apartments "Time-shared" condominiums are also included in this category Cooperative 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
INVEN7AH	W		Code 1 Basement A basement is an enclosed space, at least partially underground, in which persons can walk upright under all or part of the building. Consider a floor to be a basement if at least half of the area is below ground level, either from floor to ceiling or from back to front of the area The basement can be finished and intended for living by the household or the basement can be unfinished and may be only four walls containing the furnace or other equipment Code 2 Crawl Space A house is built with a crawl space if there is a space between the ground and the first floor of the house, but it is not high enough for a person to walk upright. it may be enclosed or exposed to the elements Code 3 Concrete Slab A house is built on a concrete slab if it is built on cement that has been poured on the ground Code 4 Some Other Enter this code for a house built on stilts or pilings (for example, beach houses), and any other situation not covered above

Describe the situation in the space provided

INVEN8DH	W	Do Not include an elevator used only for freight Chairlifts do not count as elevators
INVEN9A1H	W	HOW ROOM IS USED DETERMINES IF IT COUNTS AS BEDROOM Include Room * Reserved only for sleeping, even if used infrequently (i.e. guest room used only by visitors) * Used mainly for sleeping Exclude Rooms: * Used only for other purposes (i.e. room built as a bedroom but now used only for storage watching TV, sewing, etc.) * Used mainly for other purposes (i.e. room with a sleep sofa but mainly used for watching TV sewing, computer, etc.)
INVEN9A2H	W	Full Bathroom must have: * hot/cold piped water * flush toilet * sink * tub or shower and * be in the same room or built to be used together (i.e. a master bath suite with the sink in a dressing room or the toilet in a separate closed off area would still count as a full bath.) Shared Bathroom Facilities: If you discover that the sample unit shares the bathroom facilities, enter "0" for none
INVEN9A3H	W	Half Bathroom must have at least * hot/cold piped water * flush toilet or a tub or shower It does not have all the facilities of a complete bathroom Shared Bathroom Facilities: If you discover that the sample unit shares the bathroom facilities, enter "0" for none
INVEN9A4H	W	Accept the Respondent's answer for kitchens
INVEN9A5H	W	A SEPARATE dining room must be in an area separated from an adjoining room by archways or walls that * extend at least 6 inches from an intersecting wall * are built in Note that if these 2 criteria are met, the wall does not have to run floor to ceiling (i.e. half walls or bookcases would count if built in.)
INVEN9A6H	W	Accept the Respondent's answer for Living Rooms
INVEN9BH	W	A Help Screen/Screens will be developed later for this item or the individual categories
INVEN9DH	W	An area used for business space is an area within a room used as an office or for business space, i.e. for a business owner, contract worker self-employed person, commercial use (such as day care, catering, etc.) or regular schedule work from a regular job. Exclude office areas set up for personal household use
INVEN12H	W	The purpose of the question is to identify housing units located on properties that are so substantially different because of commercial activity that many financial characteristics of these housing units should not be compared with those of other residential properties See manual for other instructions
INVEN14AH	W	Living space is an area composed of one or more rooms that is protected from the elements and heated, if necessary. The addition attic, or garage may be used as a living room bedroom, recreational room, etc. Also, include enclosing an openporch and using it as living space
INVEN14BH	W	For units which are the result of merging (that is, combining) apartments or that have had an addition built on the original unit, enter the appropriate number of square gained through this process If the respondent is not able to give you the square footage but is able to give you the length and width of the additional (or lost) living space, enter the dimensions in the spaces provided. If more than two dimensions are given, for example a triaangle room, enter the longest and the shortest dimensions. If more than one set of dimensions

Name	Seq#	Description
		is given, enter the largest set. Do not convert dimensions to square footage If the unit has lost living space since the previous interview, for example an area is destroyed by fire or part of the original unit is now a separate living quarters, enter the (approximate) amount of space that was lost in the "loss" space
INVEN15H	W	The porch, deck, balcony, or patio must be attached to the unit--not simply to the building. Exclude porches, etc., that are not attached to the sample unit or are free standing. Porches may be enclosed or open. The porch, deck, balcony, or patio must measure at least four feet by four feet
INVEN16H	W	The garage or carport must be on the same property but does not have to be attached to the house. The space can be assigned or available on a first-come, first-park basis
INVEN17H	W	Offstreet parking is considered a driveway or parking lot privilege If the unit is rented for cash, enter "1" (yes) if there is offstreet parking which is included in the rent. If the unit is occupied without payment of cash rent, enter "1" (yes) if there is offstreet parking which is included with the home
INVEN18AH	W	Count passenger cars, including station wagons, which are owned (or being bought) or regularly used by one or more household members and ordinarily kept at home Include company cars if used regularly for non-business purposes and kept at home. Also include taxicabs owned by household members and kept at the sample unit Include cars that are rented or leased for 1 month or more. Count cars of all household members including lodgers or other nonrelatives living in the unit Include cars used by household members who are temporarily away from home, such as a student at college If in doubt as to whether to classify a vehicle as a passenger car or truck ask whether it is licensed as a passenger car or truck, and mark these items accordingly
INVEN18BH	W	Count the number of pickups and small panel trucks of one-ton capacity or less and Volkswagen buses and similar vans which are owned (or being bought) or regularly used by one or more members of the household and ordinarily kept at home. Include company trucks or vans if used regularly and kept at home Count only trucks and vans that are used for personal activities of household members even if they are also used for business purposes Do not include trucks or vans owned (or being bought) by a household member, but used solely for business purposes Include vans or trucks of one-ton capacity or less that are rented or leased for one month or more If in doubt as to whether to classify a vehicle as a passenger car or truck, ask whether it is licensed as a passenger car or truck, and mark these items accordingly
INVEN19AH	W	If the respondent states that th lot is divided by a road, determine if the lots are on separate deeds. If the property separated by the road is on the same deed as the lot on which the sample using is located it should be included in the lot size The response to this item can fall into one of four categories: square feet, dimensions (feet by feet), whole acres, and a "don't know" (blind) category. Enter the category in which the answer will be given first. The appropriate screen will then appear to enter the response

EQP_INTRO	W		Turning now to questions about appliances and other household equipment PRESS (P) TO CONTINUE INTERVIEW
EQP1AVRCCOOKV	V	COOKV	Last time we recorded that your ... has some type of cooking stove, or a range with an oven-one that is in working order. Is this information still correct? (1) Yes (2) No (3) Do not know - not sure
EQP1A_COOKQ	V	COOKQ	Does ... have some type of cooking stove or a range with an oven--one that is in working order? (1) Yes (2) No J
EQ1BV_BURNERV	V	BURNERV	Last time we recorded that your ... has built-in cooking burners that are in working order. Is this information still correct? (1) Yes (2) No (3) Do not know - not sure
EQ1B_BURNERQ	V	BURNERQ	Does ... , have any built-in cooking burners that are in working order? (1) Yes (2) No
EQP1CVR_OVENV	V	OVENV	Last time we recorded that your ... has a microwave oven that is in working order. Is this information still correct? (1) Yes (2) No (3) Do not know - not sure
EQP1C_OVENQ	V	OVENQ	Does ... have a microwave oven that is in working order? (1) Yes (2) No
EQP2_CFUELQ	V	CFUELQ	What fuel is used MOST for cooking--electricity, gas or something else? (1) Electricity (2) Gas, LP Gas (liquid propane (LP) same as bottled gas) Something else: What is used? (3) Kerosene or other liquid fuel (4) Coal or coke (5) Wood (6) Other; (SPECIFY) (7) No fuel used
EQP3VR_REFRV	V	REFRV	Last time we recorded that your ... has a refrigerator that is in working order. Is this information still correct? (Exclude ice boxes.) (1) Yes (2) No (3) Don't know - not sure
EQP3_REFRQ	V	REFRQ	Does ... have a refrigerator that is in working order? (Exclude ice boxes.) (1) Yes (2) No
EQP4_SINKQ	V	SINKQ	Does ... have a kitchen sink? (1) Yes (2) No
EQP5_KITFAC	b	KFEXCLU 4045	(1) Yes (2) No
EQP6VR_APPLV	V	APPLV	Last time we recorded that your ... had the following: ... And that you do not have the following appliances in working order: ... Is this information still correct? (IF HOUSEHOLD PLANS TO FIX/REPLACE NON-WORKING APPLIANCE SOON, COUNT IT AS WORKING.) (1) Yes (2) No (3) Don't know, not sure J

EQP6A		Does ... .. have	(1=Yes/2=No)
EQP6A@A1	v DISPLQ	a garbage disposal?	
EQP6A@A2	v TRASHQ	a built-in trash compactor?	
EQP6A@A3	v DISHQ	a dishwasher?	
EQP6A@A4	v WASHQ	a washing machine?	
EQP6A@A5	v DRYQ	a clothes dryer?	
		Is the garbage disposal currently in working order?	
		Is the built-in trash compactor currently in working order?	
		Is the dishwasher currently in working order?	
		Is the washing machine currently in working order?	
		Is the clothes dryer currently in working order?	
		Are all these appliances currently in working order?	
		(1) Yes	
		(2) No	
EQP6A@B1	v APPLWK		
EQP6B		Which appliances are not working?	But soon will be fixed
		Not Working	(x)
		(x)	(x)
EQP6B@C1	v DISPLWK	a garbage disposal?	
EQP6B@D1	v DISPLFX	a built-in trash compactor?	
EQP6B@C2	v TRASHWK	a dishwasher?	
EQP6B@D2	v TRASHFX	a washing machine?	
EQP6B@C3	v DISHWK	a clothes dryer?	
EQP6B@D3	v DISHFX		
EQP6B@C4	v WASHWK		
EQP6B@D4	v WASHFX		
EQP6B@C5	v DRYWK		
EQP6B@D5	v DRYFX		
EQP6E	v DFUELQ	What type of fuel does the dryer use?	
		(1) Electricity	
		(2) Gas, LP gas (liquid propane)	
		(3) Other - SPECIFY	
EQP7A_PUBSEWQ	v PUBSEWQ	Is ... .. connected to a public sewer?	
		(1) Yes	
		(2) No	
EQ7AREC_PUBSEWR	v PUBSEWR	In our last interview in ... we recorded that ... .. was connected to a public sewer. This year you reported that it is not. Which one should I keep as the correct answer?	
		(1) Unit IS connected to public sewer - ... answer correct	
		(2) Unit is NOT connected to public sewer-this year's answer incorrect	
EQP7B_SEWDISQ		What means of sewage disposal does ... .. have?	
		(1) Septic tank	
		(2) Cesspool	
		(3) Chemical toilet	
		(4) Outhouse or privy	
		(5) Other; SPECIFY	
		(6) None	
EQP7B_SEWDISQ@1	v SEWDISQ		
EQP7B_SEWDISQ@2	v SEWDISQS		
EQP7C_SEWDISQ	1560 b SEWDUS 4046	How many homes are connected to the ...?	
		(1) One	
		(2) 2 to 5	
		(3) 6 or more	
		(4) Don't know	
EQP8A		Does ... full bath contain: (READ CATEGORIES BELOW)	(1) Yes (2) No
EQP8A@HOTPIP1	v HOTPIP1	both hot and cold water?	
EQP8A@BSINK1	v BSINK1	a bathroom sink?	
EQP8A@TOILET1	v TOILET1	a flush toilet?	
EQP8A@TUB1	v TUB1	a bathtub or a shower?	

EQP8B_PLMFCP1	b PLMFCP1		Do you have ... anywhere in ... home? (1) Yes ... (2) No ...
EQP8C_PLMFCP2	b PLMFCP2		***POSSIBLE PROBLEM WITH A BATHROOM DEFINITION*** Is that in an area or room adjoining ... bathroom? (1) Yes (INSTRUMENT WILL RETURN TO EQP8a-CHANGE "NO" ANSWERS TO "YES") (2) No
EQP8D			Does ... .. have: (1) Yes (2) No
EQP8D@HOTPIP2	v HOTPIP2		both hot and cold water?
EQP8D@BSINK2	v BSINK2		a bathroom sink?
EQP8D@TOILET2	v TOILET2		a flush toilet?
EQP8D@TUB2	v TUB2		a bathtub or a shower?
EQP8E	b SHARPF	4047	Some people live in neighborhoods where some of the houses don't have complete plumbing facilities so they must use other people's bathrooms. ... anyone not living in ... home, not counting guests or workers, regularly use ... ...? (1) Yes (2) No
EQP9VR_WFUELV	v WFUELV		When we last interviewed you in ... we recorded ... as the fuel used most to heat the water, is this still correct? (1) Yes (2) No (3) No, not sure
EQP9_WFUELQ			What type of fuel is used MOST to heat the 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
EQP9_WFUELQ@1	v WFUELQ		
EQP9_WFUELQ@2	v WFUELQS		
EQP10A_WATERQ	v WATERQ		Does most of the water for ... .. come from a water system, either public or private, from an individual well, or from some other source? (1) Public water system (includes city water) (2) Private water system (3) Individual well (4) Spring (5) Cistern (6) Stream or lake (7) Commercial bottled water (8) Other source - specify
EQP10A_WATERP	v WATERP		Probe: Earlier I recorded that you have hot piped water. What is the source of ... piped water? (1) Commerical bottled water - Answer to EQP10a correct continue interview (2) Some other source - change answer to EQP10a
EQP10AR_WATERR	v WATERR		Last time we recorded that most of the water for your ... came from a .... This time you reported .... Which one should I keep as the correct answer? Last time: ... This time: ...

EQP10B_WELL	1530 b WELL	4048	Is the well drilled or dug? (1) Drilled (2) Dug
EQP10C_WELDUS1	v WELDUS1		Does that ... provide water to 15 or more homes? (1) Yes (2) No
EQP10CRWELDUS1R	v WELLDUS1		Last time we recorded that the ... ... provide water to 15 or more homes This time you reported that the ... .... Which one should I keep as the correct answer? Last time: ... This time: ...
EQP10D_WELDUS2	v WELDUS2		How many homes does the ... serve? (1) Only this home (2) 2 to 5 (3) 6 to 9 (4) 10 to 14
EQP10E_SAFEDR	b SAFEDR	4049	In your opinion, is the water from this ... safe for cooking and drinking? (1) Yes (2) No
EQP10F_DRWATR			Where do you get your water for drinking? (1) Public or private water system (2) Individual well (3) Spring (4) Cistern (5) Stream or lake (6) Commercial bottled water (7) Other; SPECIFY
EQP10F_DRWATR@1	b DRWATR	4050	
EQP11A_HFUELA			What fuel is used MOST for heating ... ..? (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
EQP11A_HFUELA@1	v HFUELA		
EQP11B_HFUELB	v HFUELB		Is that because you do not have any heating equipment or is that because you are not using your heating equipment? Is that because the ... does not have any heating equipment or is that because you are not using the heating equipment? Is that because the ... does not have any heating equipment or is that because a tenant could not use the heating equipment? (1) Do not have any heating equipment (including equipment that is broken and will not be fixed) (2) ... heating equipment (include equipment that is temporarily broken but will be fixed)
EQP11C_HFUELC			If ... were to use ... heating equipment what type of fuel would it use? (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
EQP11C_HFUELC@1	v HFUELC		
EQP11C_HFUELC@2	v HFUELCSP		

EQP12A_HCENTA	b HCENTA	4051	Sometimes people have more than one type of heating EQUIPMENT in ... home. Turning first to questions about ... MAIN heating equipment: Is ... heating equipment designed to send heat to all or most of the rooms? (1) Yes, sends heat to all or most rooms (2) No (3) Don't know
EQP12B_HCENB	b HCENB	4052	Does it send heat to the rooms by forcing warm air through ducts and vents OR by steam or hot water through radiators or pipes OR by electric coils INSIDE the floors, ceilings, or walls OR by some other way? (1) Forced warm air through ducts and vents (2) Steam or hot water through radiators or pipes (3) Electric coils inside floors, ceilings, or walls (4) Some other way (5) Don't know
EQP12C_HCENC	b HCENC	4053	And is that equipment a standard electric FURNACE or is it an electric HEAT PUMP? (1) Standard Electric Furnace (2) Electric Heat Pump (3) Don't know
EQP13A_HPORTA	v HPORTA		Is ... MAIN heating equipment PORTABLE so that it can be moved and used in another room, or is it NOT portable? (IF "DON'T KNOW", PROBE FOR DESCRIPTION AND DECIDE BEST CATEGORY.) (1) Portable (2) Not portable J
EQP13B_HPORTB			What type of PORTABLE equipment is it? (AFTER ENTERING ANSWER, READ CATEGORY TO RESPONDENT TO VERIFY CLASSIFICATION.) (1) UNVENTED room heaters burning kerosene, gas or oil (2) Portable electric heaters (3) Other portable heaters: (Specify)
EQP13B_HPORTB@1			
EQP13B_HPORTB@2	v HPORTBSP		
EQP13C_HPORTC	v HPORTC		What type of equipment is it? (AFTER ENTERING ANSWER, READ CATEGORY TO RESPONDENT TO VERIFY CLASSIFICATION.) (1) Floor, wall or other pipeless furnace built into the building (2) Built-in electric baseboard heaters (3) VENTED room heaters burning kerosene, gas or oil (4) UNVENTED room heaters burning kerosene, gas or oil (5) Cooking stove (gas or electric) (6) Woodburning stove, pot belly stove, Franklin stove ( ) Fireplaces: (7) WITH inserts (8) WITHOUT inserts (9) Other
EQP13D_HPORTD			Other main heating equipment type not reported until now: (AFTER ENTERING ANSWER, READ CATEGORY TO RESPONDENT TO VERIFY CLASSIFICATION.) (1) Forced warm-air furnace with ducts and vents to the individual rooms (2) Electric heat pump (3) Steam or hot water system with radiators OR other system using steam or hot water (4) Electric coils in floors, ceilings, or walls (5) UNVENTED room heaters burning kerosene, gas or oil (6) Portable electric heaters (7) Other: (Specify)
EQP13D_HPORTD@1	v HPORTD		
EQP13D_HPORTD@2	v HPORTDSP		

EQP14A_AIRSYS1	v AIRSYS1		Does ... provide air conditioning for ... home? (1) Yes ... (2) No (3) Don't know
EQP14B_OARSYS1	v OARSYS1		Besides ... heat pump, does ... home have another CENTRAL air conditioning system? (1) Yes (2) No (3) Don't know/not sure
EQP14C_OAFUEL1			What kind of fuel does this other central air conditioning system use? (1) Electricity (2) Gas, LP Gas (liquid propane (LP) same as bottled gas) (3) Other: specify
EQP14C_OAFUEL1@1	v OAFUEL1		
EQP14C_OAFUEL1@2	v OAFUEL1S		
EQP14D_AIR1	v AIR1		Do you (also) use any room air conditioners? Does the ... have any room air conditioners? (1) Yes (2) No
EQP14E_NUMAIR1	v NUMAIR1		How Many? (1-7) (8) 8 or more
EQP15A_FPLWKQ	v FPLWKQ		Does ... have a usable fireplace? (1) Yes (2) No
EQP15B_FPHEQP	v FPHEQP		Do you consider ... fireplace to be heating equipment? (IF MORE THAN 1 FIREPLACE, ENTER "YES" IF ANY ARE CONSIDERED HEATING EQUIPMENT.) (1) Yes (2) No
EQP15C_FPINS	b FPINS	4054	Does it have inserts, that is, equipment designed to circulate more heat into the room? (1) Yes, all with inserts (2) Yes, some with inserts (3) No, none have inserts
EQP15D_FPSPEQP	v FPSPEQP		Is ... fireplace used to heat an area of ... that would not be heated by ...? (1) Yes (2) No
EQP15E_FPSPFUL			What fuel is used for the fireplace? (1) Gas (2) Wood (3) Other (specify)
EQP15E_FPSPFUL@1	v FPSPFUL		
EQP15E_FPSPFUL@2	v FPSPFULS		
EQP16A			What OTHER kinds of working heating equipment does ... HAVE or USE? ***READ ALOUD ALL BOLDED CATEGORIES, MARK (X) ALL THAT APPLY*** Woodburning, Pot Belly, or Franklin stoves? PORTABLE electric heaters? BUILT-IN electric units? Room heaters burning kerosene, gas or oil? Anything else? Do you have another kind of working heating equipment I haven't read? Does the ... have another kind of working heating equipment I haven't read? Does that ... have another kind of working heating equipment I haven't read? IF YES, MARK (X) FOR EACH ADDITIONAL TYPE REPORTED. IF "NO", MARK (X) NONE
EQP16A@STOVE	b STOVE	4055	None
EQP16A@PORTH	b PORTH	4056	Electric or gas cook stove
EQP16A@ELECT	b ELECT	4057	Floor, wall or other pipeless furnace built into the structure
EQP16A@ROOM	b ROOM	4058	Forced warm-air furnace with ducts & vents to individual rooms
			Electric heat pump
			Steam/hot water system with radiators OR other system
EQP16A@NOCAT	b NOCAT	4059	
EQP16A@COOKST	b COOKST	4060	
EQP16A@PLF	b PLF	4061	
EQP16A@AFUR	b AFUR	4062	
EQP16A@HPMP	b HPMP	4063	
EQP16A@STEAM	b STEAM	4064	

EQP16A@HOTH	b HOTH	4065	using steam/hot water Other, specify
EQP16APOP			Is it VENTED to the outside through a chimney, flue, or pipes OR is it UNVENTED?
EQP16APOP@FLOT	b FLOT	4066	Yes, VENTED to the outside through a chimney, flue, or pipes
EQP16APOP@FLIN	b FLIN	4067	No, UNVENTED
EQP16B_SPEQP1	B SPEQP1	4068	Is ... .. used to heat an area of ... .. that would not be heated by ... ..? (1) Yes (2) No
EQP16C_SPFUEL1			What type of fuel does ... .. use? "MARK WITHOUT ASKING FOR ELECTRIC UNITS" (1) Electricity (2) Gas, LP gas (liquid propane) (3) Fuel oil (4) Kerosene or other liquid fuel (5) Coal or coke (6) Wood (7) Solar energy (8) Other, (SPECIFY)
EQP16C_SPFUEL1@1	b SPFUEL1	4069	
EQP16C_SPFUEL1@2	v SPFUEL1S		
EQP16B_SPEQP2	B SPEQP2	4070	Is ... .. used to heat an area of ... .. that would not be heated by ... ... ..? (1) Yes (2) No
EQP16C_SPFUEL2			What type of fuel does ... .. use? (1) Electricity (2) Gas, LP gas (liquid propane) (3) Fuel oil (4) Kerosene or other liquid fuel (5) Coal or coke (6) Wood (7) Solar energy (8) Other, (SPECIFY)
EQP16C_SPFUEL2@1	B SPFUEL2	4071	
EQP16C_SPFUEL2@2	v SPFUEL2S		
EQP16B_SPEQP3	B SPEQP3	4072	Is ... .. used to heat an area of ... .. that would not be heated by ... ... ..? (1) Yes (2) No
EQP16C_SPFUEL3			What type of fuel does ... .. use? (1) Electricity (2) Gas, LP gas (liquid propane) (3) Fuel oil (4) Kerosene or other liquid fuel (5) Coal or coke (6) Wood (7) Solar energy (8) Other, (SPECIFY)
EQP16C_SPFUEL3@1	B SPFUEL3	4073	
EQP16C_SPFUEL3@2	v SPFUEL3S		
EQP17A_AIRSYS2	v AIRSYS2		Does ... .. have central air conditioning? (1) Yes (2) No

EQP17B_AFUELQ		What kind of fuel does it use? (1) Electricity (2) Gas, LP Gas (liquid propane) (3) Other, (Specify)
EQP17B_AFUELQ@1	v AFUELQ	
EQP17B_AFUELQ@2	v AFUELQSP	
EQP17C_OARSYS2	v OARSYS2	Does ... home have ANOTHER CENTRAL air conditioning system? (1) Yes (2) No (3) Don't know/not sure
EQP17D_OAFUEL2		What kind of fuel does this other central air conditioning system use? (1) Electricity (2) Gas, LP Gas (liquid propane (LP) same as bottled gas) (3) Other, (Specify)
EQP17D_OAFUEL2@1	v OAFUEL2	
EQP17E_AIR2	v AIR2	Do ... use any room air conditioners? Does the ... have any room air conditioners? (1) Yes (2) No
EQP17F_NUMAIR2	v NUMAIR2	How many? (1-7) 1-7 (8) 8 or more
EQP1AH	W	The cookstove or range does NOT have to be mechanical; wood-burning stoves are included If the cookstove or range is not working, but the household plans to fix or replace it soon then count as working and enter (1) Yes
EQP2H	W	Kerosene or other liquid fuel- includes gasoline, alcohol, or other combustible liquids. Excludes LP/bottled gas which is reported under category 2 Other - specify the type; for example, briquettes made of pitch and sawdust, coaldust, waste material like corncobs, purchased steam, or any other fuel not listed
EQP3H	W	A freezer is not necessary to identify it as a refrigerator If the refrigerator is not working, but the household plans to fix or replace it soon then count as working and enter (1) Yes
EQP4H	W	A sink must be in the unit or on an enclosed porch, but does not have to be in the kitchen Exclude a bathroom sink as a kitchen sink
EQP7AH	W	Public sewer - Unit is connected to a city, county, sanitary district neighborhood, or subdivision sewer Include only a system operated by a government body or a private organization sewage treatment system serving 6 or more units. Include also if unit is connected to a small sewage treatment plant which is also known as a neighborhood septic tank
EQP7BH	W	Septic Tank - an underground tank for sewage disposal serving 5 or fewer units. Tank can be connected to a public sewer which catches overflow Cesspool - (Reviewers: What is definition, is it just another term for "septic tank"?)
EQP10AH	W	Public or Private water system - running water that comes from a city county, water district, water company, or similar system Individual well - water from a well on the property or on a neighboring property. Individual wells serve 5 or fewer units in only one or in several gine well Bottled water - mark this answer if it is the ONLY source of drinking water

EQP13AH	W	Portable: * UNVENTED room heaters burning kerosene, gas or oil * Portable electric heaters * Other portable heaters MARK "NOT PORTABLE" FOR ANY OTHER TYPE OF EQUIPMENT
EQP15A_FPLWKHEL	W	Include free standing fireplaces Exclude decorative or artificial fireplaces and Franklin stoves Enter (2) "No" for fireplaces that have been blocked off or filled
EQP16AH	W	The heating equipment need only be present in the unit/building, it does not have to be in current use Exclude equipment not in working order or for which there are no immediate plans for repair
EQP17AH	W	Central air conditioning - Air cooled by refrigeration; a central installation that provides cooled air to a number of rooms. A central system with individual room controls is also central air conditioning. Do not include evaporative coolers, such as swamp coolers

BRKDNINTRO	W			The next series of questions are about problems that some people have experienced with their home. We are interested in knowing if ... have experienced these types of problems too. PRESS (P) TO CONTINUE INTERVIEW
BRKDN1A	v FREEZEQ			Last winter, for any reason, was your ... so cold for 24 hours or more that ... uncomfortable? (DO NOT COUNT VISITORS, ONLY HOUSEHOLD MEMBERS) (1) Yes (2) No
BRKDN1B	1890 b IFCOLD	4074		Was that because the MAIN heating equipment broke down? (1) Yes (2) No, didn't break down OR no heating equipment
BRKDN1C	b NUMCOLD	4075		How many times did ... break down for 6 hours or more? (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
BRKDN1D	1910 b OTHCLD	4076		Was it cold for any other reason? (1) Yes (2) No
BRKDN1E				What was the reason? MARK (X) ALL THAT APPLY
BRKDN1Ea1	b WHYCD1	4077		Utility interruption
BRKDN1Ea2	b WHYCD2	4078		Inadequate heating capacity
BRKDN1Ea3	b WHYCD3	4079		Inadequate insulation
BRKDN1Ea4	b WHYCD4	4080		Cost of heating
BRKDN1Ea5	b WHYCD5	4081		Other, specify
BRKDN2A	1490 b IFDRY	4082		Was your home ever COMPLETELY without running water ...? (1) Yes (2) No water stoppage
BRKDN2B	1500 b NUMDRY	4083		How many times was it not available for 6 hours or more? (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
BRKDN3A	v IFTLT1			Was there any time ... when ... BROKEN, or STOPPED UP, or otherwise NOT WORKING, so you COULDN'T USE ...? (1) Yes (2) No toilet breakdowns
BRKDN3B	v IFTLT2			Did that happen at all WITHIN THE PAST THREE MONTHS that is, since ...? (1) Yes (2) No
BRKDN3C	v NUM3TLT			HOW MANY TIMES since ... .. not working? (1-7) 1-7 toilet breakdowns (8) 8 or more toilet breakdowns
BRKDN3D	1380 b NUMTLT	4084		And how many of those times ... not working for SIX 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
BRKDN4A	v LEAK1			These next questions are about water leaks - either from OUTSIDE your ... .. or from INSIDE. While ... been living here, did water ever leak INTO your ... .. FROM THE OUTSIDE for example, through the roof, ... walls, ... or any closed windows or skylights? (1) Yes (2) No outside water leaks

BRKDN4B		v LEAK2		Did water leak in from the outside ... that is, since ...? (1) Yes (2) No
BRKDN4C				Did the water come in from the -- (READ ALOUD ALL BOLDED CATEGORIES) ***MARK (X) ALL THAT APPLY***
BRKDN4C@1	1440	b RLEAK	4085	Roof
BRKDN4C@2	1440	b BLEAK	4086	Basement
BRKDN4C@3	1440	b WLEAK	4087	Walls or around closed windows or closed doors
BRKDN4C@4	1440	b OTLEAK	4088	Somewhere else (SPECIFY) (PUT CLOSED SKYLIGHTS IN 4 - "Somewhere else")
BRKDN4CPROB		v LEAKP		You stated water comes in through the basement. Earlier answers said this building did not have a basement. Which answer is correct? (1) Building HAS a basement (2) Water does NOT come in from the basement
BRKDN4D		v ILEAK1		Now about water leaks from INSIDE. Since ... lived here, did water leak in from broken pipes or water heaters, backed up plumbing ... ...? (1) Yes (2) No indoor water leaks
BRKDN4E		v ILEAK2		Did any inside water leaks happen ... that is, since ...? (1) Yes (2) No
BRKDN4F				Where did the water come from? MARK (X) ALL THAT APPLY
BRKDN4F@1	1460	b PLEAK	4089	Own plumbing fixtures backed up and/or overflowed
BRKDN4F@2	1460	b PILEAK	4090	Pipes leaked (include pipe leaks from other apartments)
BRKDN4F@3		b NLEAK1	4091	Other (SPECIFY)
BRKDN4F@4		b NLEAK2	4092	Unknown
BRKDN5A	1570	b IFSEW	4093	Did the sewage system break down ... -- that is since ...? (1) Yes (2) No
BRKDN5B	1580	b NUMSEW	4094	How many of these breakdowns lasted 6 hours or more? (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
BRKDN6A		v NOWIRE1		Is all the electrical wiring in the finished areas of ... home concealed in the walls? In our last interview in ... we recorded that all the electrical wiring in the finished areas of ... home was concealed in the walls Is this still correct? (EXCLUDE APPLIANCE CORDS, EXTENSION CORDS, CHANDELIER CORDS PHONE, ANTENNA, CABLE TV WIRES, ETC.) (1) Yes, wiring concealed (2) No (3) No electrical wiring
BRKDN6B		v NOWIRE2		Is the electrical wiring safely contained in protective metal or plastic coverings? In our last interview in ... we recorded that the electrical wiring was safely contained in protective metal or plastic coverings. Is this still correct? (EXCLUDE APPLIANCE CORDS, EXTENSION CORDS, CHANDELIER CORDS PHONE, ANTENNA, CABLE TV WIRES, ETC.) (1) ... in metal or plastic coverings (2) No, not contained in metal or plastic coverings

BRKDN6C	1400 b PLUGS	4095	In our last interview in ... 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? (1) Yes (2) No
BRKDN6D	1410 b IFBLOW	4096	Have any fuses blown or circuit breakers tripped ...? (1) Yes (2) No (D) Don't know
BRKDN6E	1420 b NUMBLO	4097	How many times ...? (1-7) 1-7 times (8) 8 or more times
BRKDN7	1940 b CRACKS	4098	People sometimes have problems with cracks or holes in ... floors, walls, or ceilings -- not little hairline cracks or nail holes, but OPEN cracks or holes In the INSIDE walls or ceilings of ... are there any OPEN HOLES or CRACKS WIDER THAN THE EDGE OF A DIME? (1) Yes (2) No
BRKDN8	1950 b HOLES	4099	How about the floors in ... -- ... 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) (1) Yes (2) No
BRKDN9A	v BIGP1		... the inside of ... have any areas of peeling paint or broken plaster? (1) Yes (2) No
BRKDN9B	v BIGP2		Are any of these areas bigger than 8 inches by 11 inches? (THE SIZE OF A STANDARD BUSINESS LETTER) (1) Yes (2) No
BRKDN10A	b EVROD	4100	Have you ever seen signs of mice or rats INSIDE your (EXCLUDE RATS/MICE KEPT AS PETS OR SNAKE FOOD OR OTHERWISE DELIBERATELY BROUGHT INSIDE) (1) Yes (2) No
BRKDN10B	b M3ROD	4101	Was that ... -- that is since ...? (1) Yes (2) No
BRKDN10C			Was it a rat, a mouse, or aren't you sure what it was? **MARK (X) ALL THAT APPLY**
BRKDN10Ca1	1970 b RATS	4102	Rat
BRKDN10Ca2	b MICE	4103	Mouse
BRKDN10Ca3	b NOTSUR	4104	Don't know, not sure
BRKDN11A	b IMAINT	4105	In your opinion, do you receive adequate maintenance for ...? (1) Yes (2) No
BRKDN11B	b OMAINT	4106	In your opinion, are the buildings and grounds properly maintained? (1) Yes (2) No *** REFERENCE SECTION ***

Code	Type	Description
BRKDN1BH	W	<p>"Broken down" - if MAIN heating equipment is not providing heat at its normal heating capacity through some fault in the equipment. If the MAIN heating equipment was broken and caused discomfort, mark "yes" even if other supplementary equipment is working</p> <p>Exclude - situations where not enough heat is being provided because of lack of fuel or because of utility breakdown</p>
BRKDN1EH	W	<p>Utility interruptions - if the gas, electricity or other fuel supplying the heat was cut off, whether because of power black-outs fuel shortages, unpaid bills, or any other reason</p> <p>Inadequate heating capacity - if the heating equipment is providing heat at its normal capacity yet the unit is still too cold for the occupants</p> <p>Inadequate insulation - for air drafts through window frames electrical outlets, or walls that are cold</p> <p>Cost of heating - If the occupants intentionally keep the temperature down to save money, or if the landlord turns on the heat too late in the season or turns it off too early or keeps the thermostat set low</p> <p>Other - specify other reasons not mentioned above</p>
BRKDN2AH	W	<p>"Completely without running water" means that the water system servicing the unit supplied no water at all. No equipment or facility using running water (i.e., kitchen and bathroom sinks, shower, bathtub, flush toilet, dishwasher and other similar items) had water supplied to it, or all were inoperable</p>
BRKDN3AH	W	<p>"Not working" means problems such as a faulty flushing mechanism, broken pipes, stopped up soil pipe, no water supplied to the flush toilet, or other situations which caused an interruption in service. Breakdowns caused by natural disasters would also fall in this category</p>
BRKDN5AH	W	<p>"Sewage System" includes:</p> <ul style="list-style-type: none"> <li>* Septic tank/cesspool and lines from the unit, drainfields etc</li> <li>* Sewage treatment facilities, sewer mains, sewer line from unit to the street, etc</li> <li>* Waste lines inside the unit that require more attention than a plunger or liquid drain cleaner (i.e. Roto-Rooter)</li> </ul> <p>Exclude simple toilet or plumbing breakdowns that occur in or near the toilet itself (i.e. stopped up toilet in J pipe would be reported under toilet breakdowns)</p> <p>Also exclude stopped up drains from a sink/tub/shower. These are not considered "sewage system breakdowns"</p> <p>"Breakdowns" refers to situations in which the system malfunctioned not when it was temporarily shut down for maintenance. For examples of malfunctions: septic tank being pumped because it no longer perked, tank collapse, tank explodes sewer main breaks, sewer treatment plant not operating due to electric failure or</p>
water service interruption		
BRKDN6AH	W	<p>This question refers only to "living areas" which are finished</p> <p>If a respondent asks if basement or attic wiring should be considered, ask if the basement or attic is finished and is a living area. If no to either, do not consider the basement or attic in response to this question</p>
BRKDN6BH	W	<p>This question pertains to wiring that is not concealed in the walls but is encased in protective metal or plastic coverings</p>
BRKDN6CH	W	<p>"Working electric wall outlet or plug" means one that is in operating condition, that is, can be used when needed. The outlet does not have to be presently in use to be considered working</p> <p>Exclude - other types of electrical outlets such as ones connected to extension cords and used as wall outlets. Also exclude power strips and surge protectors</p>

BRKDN7H	W	<p>INCLUDE - Holes or cracks on the interior of the housing unit's walls or ceilings that are wide enough to insert the edge of a dime. The holes or cracks need NOT go all the way through the wall to the next room or through to the outside of the unit</p> <p>EXCLUDE - "Hairline cracks" meaning cracks that appear in the walls or ceilings, but not wide enough to insert the edge of a dime. Also exclude holes cut for a trap door leading to an attic, or ventilation or heating ducts</p>
BRKDN8H	W	<p>Holes must be on the interior of the unit. Holes need NOT go all the way through to a lower floor or through to the outside of the unit. They should be about 4 inches across or larger and pose a hazard</p>
BRKDN10AH	W	<p>"Signs of mice or rats" would include droppings, holes in the walls, or ripped or torn food containers</p>
BRKDN11AH	W	<p>Accept respondents opinion of what "adequate maintenance" means to him or her. "Adequate" refers to the quality amount, and timeliness of maintenance</p>
BRKDN11BH	W	<p>Accept what respondents opinion of what "properly maintained" means to him or her. "Properly maintained" refers to the quality, amount, and timeliness of the upkeep of the building and grounds. Do not include as poor maintenance the absence of services such as a swimming pool or cable TV if these had never been offered</p>

HMRINTRO w The next series of questions deals with major repairs and home improvements

HMR1A f MAJDIS 4107 In the last 2 years, has there been a MAJOR disaster such as an earthquake or tornado that required you to make extensive repairs to your home?  
 (1) Yes  
 (2) No

HMR1B What happened?  
 \*\*\*ENTER (X) ALL THAT APPLY\*\*\*  
 HMR1B@QUAKE f QUAKE Earthquake  
 HMR1B@TORNADO f TORNADO Tornado, hurricane, etc  
 HMR1B@LNDSL D f LNDSL D Landslide  
 HMR1B@FIRE f FIRE Lightning or fire  
 HMR1B@FLOOD f FLOOD Flood  
 HMR1B@OTHDIS f OTHDIS Other (SPECIFY)

HMR1C What major repairs were being/are being made?  
 HMR1C@DISRPA v DISRPA  
 HMR1C@DISRPB v DISRPB  
 HMR1C@DISRPC v DISRPC

HMR1C1 v DISRPBO \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same REPAIRS job we recorded last time as being completed in ... .., OR is it a different one?  
 1 yes, same job as last interview ...  
 2 no, a different job ...  
 3 Don't Know - Not Sure ...

HMR1C2 In what month and year were the repairs completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS) Did someone in your household do most of the work? How much did the entire repair job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR1C2@DISRPMO	RAM	F	RAM		\$
HMR1C2@DISRPYR	RAY	F	RAY	4108	
HMR1C2@DISRPWK	RAH	f	RAH	4109	
HMR1C2@DISRPAM	RAD	F	RAD	4110	

HMR2AINTRO w In the next questions, please do not include any part of the work already reported because I have already recorded that information

HMR2A f UNFINIS 4111 In the last two years, was any work done to the attic, basement, garage or other unfinished area of your home to make it a finished room?  
 (1) Yes  
 (2) No

HMR2B What kind of room(s) were created?  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*  
 HMR2B@NBWTH f NBWTH 4112 Bathroom  
 HMR2B@NBWBD f NBWBD 4113 Bedroom  
 HMR2B@NBWKIT f NBWKIT 4114 Kitchen  
 HMR2B@NBWREC f NBWREC 4115 Recreation room  
 HMR2B@NBWOTH f NBWOTH 4116 Other inside - SPECIFY

HMR2B1 v NBWTHB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BATHROOM job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR2B1A BATHROOM  
 In what month and year was the bathroom completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire bathroom job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

Month Year (1-12) (1994-1997) (M-Mistake)

HMR2B1A@NWBTHMO RAM F RAM \$  
 HMR2B1A@NWBTHYR RAY F RAY 4117  
 HMR2B1A@NWBTHWK RAH f RAH 4118  
 HMR2B1A@NWBTHAM RAD F RAD 4119

HMR2B2 v NWBEDB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BEDROOM job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR2B2A BEDROOM  
 In what month and year was the bedroom completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire bedroom job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

Month Year (1-12) (1994-1997) (M-Mistake)

HMR2B2A@NWBEDMO RAM F RAM \$  
 HMR2B2A@NWBEDYR RAY F RAY 4120  
 HMR2B2A@NWBEDWK RAH f RAH 4121  
 HMR2B2A@NWBEDAM RAD F RAD 4122

HMR2B3 v NWKITB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same KITCHEN job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR2B3A KITCHEN  
 In what month and year was the kitchen completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire kitchen job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

Month Year (1-12) (1994-1997) (M-Mistake)

HMR2B3A@NWKITMO RAM F RAM \$  
 HMR2B3A@NWKITYR RAY F RAY 4123  
 HMR2B3A@NWKITWK RAH f RAH 4124  
 HMR2B3A@NWKITAM RAD F RAD 4125

HMR2B4 v NWRECB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same RECREATION ROOM job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...





HMR2B4A RECREATION ROOM  
 In what month and year was the recreation room completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

Did someone in your household do most of the work?

How much did the entire recreation room job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR2B4A@NWRECMO RAM F RAM \$  
 HMR2B4A@NWRECYR RAY F RAY 4126  
 HMR2B4A@NWRECKW RAH f RAH 4127  
 HMR2B4A@NWRECAM RAD F RAD 4128

HMR2B5 v NWOTHB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same OTHER ROOM inside job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR2B5A OTHER ROOM  
 In what month and year was the other room completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

Did someone in your household do most of the work?

How much did the entire other room job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR2B5A@NWOTHMO RAM F RAM \$  
 HMR2B5A@NWOTHYR RAY F RAY 4129  
 HMR2B5A@NWOTHWK RAH f RAH 4130  
 HMR2B5A@NWOTHAM RAD F RAD 4131

HMR3A f ADDITON 4132 In the last 2 years, were any ADDITIONS built onto your home that made it bigger?  
 (1) Yes  
 (2) No

HMR3B What was added?  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*  
 HMR3B@ADDBTH f ADDBTH 4133 Bathroom  
 HMR3B@ADDKIT f ADDKIT 4134 Kitchen  
 HMR3B@ADDBED f ADDBED 4135 Bedroom  
 HMR3B@ADDOTH f ADDOTH 4136 Other inside

HMR3B1 v ADDBTHB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BATHROOM addition job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR3B1A BATHROOM  
 In what month and year was the bathroom completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

Did someone in your household do most of the work?

How much did the entire bathroom job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR3B1A@ADDBTHMO RAM F RAM \$  
 HMR3B1A@ADDBTHYR RAY F RAY 4137  
 HMR3B1A@ADDBTHWK RAH f RAH 4138  
 HMR3B1A@ADDBTHAM RAD F RAD 4139



HMR3C f BULTOUT 4149 Was anything else built onto the outside of your home such as an attached garage, carport, deck, or porch?  
 (1) Yes  
 (2) No

HMR3D What was built?  
 \*\*\*\*MARK (X) ALL THAT APPLY\*\*\*\*  
 HMR3D@GARAG f GARAG 4150 Attached garage  
 HMR3D@PRCH f PRCH 4151 Porch  
 HMR3D@DECK f DECK 4152 Deck  
 HMR3D@CARPORT f CARPORT 4153 Carport  
 HMR3D@OTHOUT f OTHOUT 4154 Other outside

HMR3E Was the attached garage added or replaced?  
 (1) Added  
 (2) Replaced  
 (3) Both

HMR3E@BUGARAG f BUGARAG 4155

HMR3E1 v BUGARAGB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same ATTACHED GARAGE job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR3E1A ATTACHED GARAGE  
 In what month and year was the attached garage completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year Did someone in your household do most of the work? How much did the entire attached garage job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 (1-12) (1994-1997) 1 Yes/2 No  
 (M-Mistake)

HMR3E1A@GARAGMO RAM F RAM \$  
 HMR3E1A@GARAGYR RAY F RAY 4156  
 HMR3E1A@GARAGWK RAH f RAH 4157  
 HMR3E1A@GARAGAM RAD F RAD 4158

HMR3F Was the porch added or replaced?  
 (1) Added  
 (2) Replaced  
 (3) Both

HMR3F@BUPORCH f BUPORCH 4159

HMR3F1 v BUPORCB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same PORCH job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR3F1A PORCH  
 In what month and year was the porch completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year Did someone in your household do most of the work? How much did the entire porch job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 (1-12) (1994-1997) 1 Yes/2 No  
 (M-Mistake)

HMR3F1A@PORCHMO RAM F RAM \$  
 HMR3F1A@PORCHYR RAY F RAY 4160  
 HMR3F1A@PORCHWK RAH f RAH 4161  
 HMR3F1A@PORCHAM RAD F RAD 4162

HMR3G Was the deck added or replaced?  
 (1) Added  
 (2) Replaced  
 (3) Both

HMR3G@BUDECK f BUDECK 4163

HMR3G1 v BUDECKB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same DECK job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR3G1A DECK  
 In what month and year was the deck completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire deck job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR3G1A@DECKMO RAM F RAM \$  
 HMR3G1A@DECKYR RAY F RAY 4164  
 HMR3G1A@DECKWK RAH f RAH 4165  
 HMR3G1A@DECKAM RAD F RAD 4166

HMR3H Was the carport added or replaced?  
 (1) Added  
 (2) Replaced  
 (3) Both

HMR3H@BUCRPRT f BUCRPRT 4167

HMR3H1 v BUCPRTB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same CARPORT job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR3H1A CARPORT  
 In what month and year was the carport completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire carport job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR3H1A@CRPRTMO RAM F RAM \$  
 HMR3H1A@CRPRTYR RAY F RAY 4168  
 HMR3H1A@CRPRTWK RAH f RAH 4169  
 HMR3H1A@CRPRTAM RAD F RAD 4170

HMR3I Was the other outside added or replaced?  
 (1) Added  
 (2) Replaced  
 (3) Both

HMR3I@BUOTHOT f BUOTHOT 4171

HMR3I1 v BUOTHB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same OTHER OUTSIDE job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR3I1A OTHER OUTSIDE  
 In what month and year was the other outside completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

Did someone in your household do most of the work?  
 How much did the entire other outside job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 \$

HMR3I1A@OTHOTMO RAM F RAM  
 HMR3I1A@OTHOTYR RAY F RAY 4172  
 HMR3I1A@OTHOTWK RAH f RAH 4173  
 HMR3I1A@OTHOTAM RAD F RAD 4174

HMR4A f BTHKIT 4175 Was your bathroom or kitchen remodeled in the last 2 years?  
 (1) Yes  
 (2) No

HMR4B Which rooms?  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*  
 Bathroom(s)  
 Kitchen

HMR4B@BTHROOM f BTHROOM 4176  
 HMR4B@KITCHN f KITCHN 4177

HMR4C What was done to the BATHROOM(S)?  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*  
 Move walls  
 Add or replace cabinets  
 Add or replace flooring  
 Add or replace counter tops  
 Add or replace toilet  
 Add or replace tub/shower  
 Add or replace sink  
 Lighting fixtures  
 Other electrical  
 Paint, paper, wall tiles

HMR4C@BTHWALL f BTHWALL 4178  
 HMR4C@BTHCABN f BTHCABN 4179  
 HMR4C@BTHFLR f BTHFLR 4180  
 HMR4C@BTHCNTR f BTHCNTR 4181  
 HMR4C@BTHTOIL f BHTOIL 4182  
 HMR4C@BHTHTUB f BHTHTUB 4183  
 HMR4C@BTHSINK f BTHSINK 4184  
 HMR4C@BTHLITE f BTHLITE 4185  
 HMR4C@BTHELEC f BTHELEC 4186  
 HMR4C@BTHPNT f BTHPNT 4187

HMR4C1 v BTHWLB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BATHROOM--WALLS job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4C1A BATHROOM--WALLS  
 In what month and year were the walls completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

Did someone in your household do most of the work?  
 How much did the entire walls job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 \$

HMR4C1A@BTHWLN RAM F RAM  
 HMR4C1A@BTHWLYR RAY F RAY 4188  
 HMR4C1A@BTHWLWK RAH f RAH 4189  
 HMR4C1A@BTHWLAM RAD F RAD 4190

HMR4C2 v BTHCBNB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BATHROOM--CABINETS job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4C2A BATHROOM--CABINETS  
 In what month and year was the cabinets completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire cabinets job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR4C2A@BTHCBMO RAM F RAM \$  
 HMR4C2A@BTHCBYR RAY F RAY 4191  
 HMR4C2A@BTHCBWK RAH f RAH 4192  
 HMR4C2A@BTHCBAM RAD F RAD 4193

HMR4C3 v BTHFLB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BATHROOM--FLOORING job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4C3A BATHROOM--FLOORING  
 In what month and year was the flooring completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire flooring job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR4C3A@BTHFLMO RAM F RAM \$  
 HMR4C3A@BTHFLYR RAY F RAY 4194  
 HMR4C3A@BTHFLWK RAH f RAH 4195  
 HMR4C3A@BTHFLAM RAD F RAD 4196

HMR4C4 v BTHCTB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BATHROOM--COUNTERS job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4C4A BATHROOM--COUNTERS  
 In what month and year was the counters completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire counters job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR4C4A@BTHCTMO RAM F RAM \$  
 HMR4C4A@BTHCTYR RAY F RAY 4197  
 HMR4C4A@BTHCTWK RAH f RAH 4198  
 HMR4C4A@BTHCTAM RAD F RAD 4199

HMR4C5 v BHTLb \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BATHROOM--TOILET job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4C5A BATHROOM--TOILET  
 In what month and year was the toilet completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire toilet job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

Month Year (1-12) (1994-1997) (M-Mistake)

HMR4C5A@BTHLMO RAM F RAM \$  
 HMR4C5A@BHTLYR RAY F RAY 4200  
 HMR4C5A@BHTLWK RAH f RAH 4201  
 HMR4C5A@BHTLAM RAD F RAD 4202

HMR4C6 v BHTBB

\*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BATHROOM--TUB/SHOWER job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4C6A BATHROOM--TUB/SHOWER  
 In what month and year was the tub/shower completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire tub/shower job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

Month Year (1-12) (1994-1997) (M-Mistake)

HMR4C6A@BHTBMO RAM F RAM \$  
 HMR4C6A@BHTBYR RAY F RAY 4203  
 HMR4C6A@BHTBWK RAH f RAH 4204  
 HMR4C6A@BHTBAM RAD F RAD 4205

HMR4C7 v BTHSKB

\*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BATHROOM--SINK job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4C7A BATHROOM--SINK  
 In what month and year was the sink completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire sink job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

Month Year (1-12) (1994-1997) (M-Mistake)

HMR4C7A@BTHSKMO RAM F RAM \$  
 HMR4C7A@BTHSKYR RAY F RAY 4206  
 HMR4C7A@BTHSKWK RAH f RAH 4207  
 HMR4C7A@BTHSKAM RAD F RAD 4208

HMR4C8 v BHTLTB

\*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BATHROOM--LIGHTING FIXTURES job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4C8A BATHROOM--LIGHTING FIXTURES  
 In what month and year was the lighting fixtures completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Did someone in your household do most of the work?  
 How much did the entire lighting fixtures job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

Month	Year	1 Yes/2 No
(1-12)	(1994-1997)	
	(M-Mistake)	

HMR4C8A@BTHLTMO RAM F RAM \$  
 HMR4C8A@BTHLTZR RAY F RAY 4209  
 HMR4C8A@BTHLTWK RAH f RAH 4210  
 HMR4C8A@BTHLTAM RAD F RAD 4211

HMR4C9 v BTHELE \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BATHROOM--OTHER ELECTRICAL job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4C9A BATHROOM--OTHER ELECTRICAL  
 In what month and year was the other electrical completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Did someone in your household do most of the work?  
 How much did the entire other electrical job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

Month	Year	1 Yes/2 No
(1-12)	(1994-1997)	
	(M-Mistake)	

HMR4C9A@BTHELMO RAM F RAM \$  
 HMR4C9A@BTHELYR RAY F RAY 4212  
 HMR4C9A@BTHELWK RAH f RAH 4213  
 HMR4C9A@BTHELAM RAD F RAD 4214

HMR4C10 v BTHPTB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BATHROOM--PAINT, PAPER, WALL TILES job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4C10A BATHROOM--PAINT, PAPER, WALL TILES  
 In what month and year was the paint, paper, wall tile completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Did someone in your household do most of the work?  
 How much did the entire paint paper, wall tile job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

Month	Year	1 Yes/2 No
(1-12)	(1994-1997)	
	(M-Mistake)	

HMR4C10A@BTHPTMO RAM F RAM \$  
 HMR4C10A@BTHPTYR RAY F RAY 4215  
 HMR4C10A@BTHPTWK RAH f RAH 4216  
 HMR4C10A@BTHPTAM RAD F RAD 4217

HMR4D What was done to the KITCHEN?  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*  
 Move walls  
 Add or replace cabinets  
 Add or replace flooring  
 Add or replace counter tops  
 Add or replace other built-in appliances  
 Add or replace sink  
 Lighting fixtures  
 Other electrical  
 Paint, paper, wall tiles

HMR4D@KITWALL	f KITWALL	4218
HMR4D@KITCABN	f KITCABN	4219
HMR4D@KITFLR	f KITFLR	4220
HMR4D@KITCNTR	f KITCNTR	4221
HMR4D@KITAPPL	f KITAPPL	4222
HMR4D@KITSINK	f KITSINK	4223
HMR4D@KITLITE	f KITLITE	4224
HMR4D@KITELEC	f KITELEC	4225
HMR4D@KITPNT	f KITPNT	4226

HMR4D1 v KITWLB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same KITCHEN--WALLS job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4D1A KITCHEN--WALLS  
 In what month and year were the walls completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR4D1A@KITWLMO RAM F RAM \$  
 HMR4D1A@KITWLYR RAY F RAY 4227  
 HMR4D1A@KITWLWK RAH f RAH 4228  
 HMR4D1A@KITWLAM RAD F RAD 4229

HMR4D2 v KITCBN \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same KITCHEN--CABINETS job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4D2A KITCHEN--CABINETS  
 In what month and year was the cabinets completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR4D2A@KITCBMO RAM F RAM \$  
 HMR4D2A@KITCBYR RAY F RAY 4230  
 HMR4D2A@KITCBWK RAH f RAH 4231  
 HMR4D2A@KITCBAM RAD F RAD 4232

HMR4D3 v KITFLB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same KITCHEN--FLOORING job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4D3A KITCHEN--FLOORING  
 In what month and year was the flooring completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR4D3A@KITFLMO RAM F RAM \$  
 HMR4D3A@KITFLYR RAY F RAY 4233  
 HMR4D3A@KITFLWK RAH f RAH 4234  
 HMR4D3A@KITFLAM RAD F RAD 4235



HMR4D7 v KITLTB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same KITCHEN--LIGHT FIXTURES job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4D7A KITCHEN--LIGHT FIXTURES  
 In what month and year was the light fixtures completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Did someone in your household do most of the work?  
 How much did the entire light fixtures job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR4D7A@KITLTMO RAM F RAM \$  
 HMR4D7A@KITLTYS RAY F RAY 4245  
 HMR4D7A@KITLTWK RAH f RAH 4246  
 HMR4D7A@KITLTAM RAD F RAD 4247

HMR4D8 v KITELB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same KITCHEN--OTHER ELECTRICAL job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4D8A KITCHEN--OTHER ELECTRICAL  
 In what month and year was the other electrical completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Did someone in your household do most of the work?  
 How much did the entire other electrical job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR4D8A@KITELMO RAM F RAM \$  
 HMR4D8A@KITELYR RAY F RAY 4248  
 HMR4D8A@KITELWK RAH f RAH 4249  
 HMR4D8A@KITELAM RAD F RAD 4250

HMR4D9 v KITPTB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same KITCHEN--PAINT, PAPER, WALL TILES job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR4D9A KITCHEN--PAINT, PAPER, WALL TILES  
 In what month and year was the paint, paper, wall tiles completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Did someone in your household do most of the work?  
 How much did the entire paint paper, wall tiles job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR4D9A@KITPTMO RAM F RAM \$  
 HMR4D9A@KITPTYS RAY F RAY 4251  
 HMR4D9A@KITPTWK RAH f RAH 4252  
 HMR4D9A@KITPTAM RAD F RAD 4253

HMR5A f RENALT 4254 Did you renovate or alter any other rooms by changing their structure, that is moving, adding, or removing walls?  
 (1) Yes  
 (2) No

HMR5B What rooms resulted?  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*  
 HMR5B@RENBEDR f RENBEDR 4255 Bedrooms  
 HMR5B@RENOTH f RENOTH 4256 Other - SPECIFY

HMR5B1 v RENBEDB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same BEDROOMS job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR5B1A BEDROOMS  
 In what month and year were the bedrooms completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year (1-12) (1994-1997) (M-Mistake)  
 Did someone in your household do most of the work? 1 Yes/2 No  
 How much did the entire bedrooms job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 HMR5B1A@RNBEDMO RAM F RAM \$  
 HMR5B1A@RNBEDYR RAY F RAY 4257  
 HMR5B1A@RNBEDWK RAH f RAH 4258  
 HMR5B1A@RNBEDAM RAD F RAD 4259

HMR5B2 v RENOTHB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same OTHER ROOMS job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR5B2A OTHER ROOMS  
 In what month and year was the other rooms completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year (1-12) (1994-1997) (M-Mistake)  
 Did someone in your household do most of the work? 1 Yes/2 No  
 How much did the entire other rooms job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 HMR5B2A@RNOTHMO RAM F RAM \$  
 HMR5B2A@RNOTHYR RAY F RAY 4260  
 HMR5B2A@RNOTHWK RAH f RAH 4261  
 HMR5B2A@RNOTHAM RAD F RAD 4262

HMR6AINTRO w Next are questions about OTHER work you may have done to your home in the last two years. Please do not include work already reported because we don't want to count jobs twice

HMR6A f ROOF 4263 Have you added or replaced a roof over your entire home?  
 (1) Yes  
 (2) No

HMR6A1 v ROOFB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same ROOF job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR6A1A		ROOF		In what month and year was the roof completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)		Did someone in your household do most of the work?		How much did the entire roof job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)	
		Month	Year			1 Yes/2 No			
		(1-12)	(1994-1997)						
				(M-Mistake)					
HMR6A1A@ROOFMO	RAM F RAM								\$
HMR6A1A@ROOFYR	RAY F RAY		4264						
HMR6A1A@ROOFWK	RAH f RAH		4265						
HMR6A1A@ROOFAM	RAD F RAD		4266						
HMR6B	f SIDING	4267		Have you added or replaced siding? (1) Yes (2) No					
HMR6B1				Did you replace or cover existing siding, or install it where none was before? ***MARK (X) ALL THAT APPLY***					
HMR6B1@ADDSID	f ADDSID	4268		Installed/added					
HMR6B1@REPSID	f REPSID	4269		Replaced/covered					
HMR6B1A	v ADDSIDB			***POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW*** Is this the same SIDING--INSTALLED/ADDED job we recorded last time as being completed in ... .., OR is it a different one? 1 Yes, same job as last interview Change answer to blank ... 2 No, a different job ... 3 Don't Know - Not Sure ...					
HMR6B1B				SIDING--INSTALLED/ADDED In what month and year was the siding completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)		Did someone in your household do most of the work?		How much did the entire siding job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)	
				Month	Year	1 Yes/2 No			
				(1-12)	(1994-1997)				
				(M-Mistake)					
HMR6B1B@ADSIDMO	RAM F RAM								\$
HMR6B1B@ADSIDYR	RAY F RAY		4270						
HMR6B1B@ADSIDWK	RAH f RAH		4271						
HMR6B1B@ADSIDAM	RAD F RAD		4272						
HMR6B2	f ALLSID	4273		Did you replace or cover ALL of the existing siding? (1) Yes (2) No					
HMR6B2A	v ALLSIDB			***POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW*** Is this the same SIDING--REPLACED/COVERED job we recorded last time as being completed in ... .., OR is it a different one? 1 Yes, same job as last interview Change answer to blank ... 2 No, a different job ... 3 Don't Know - Not Sure ...					
HMR6B2B				SIDING--REPLACED/COVERED In what month and year was the siding completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)		Did someone in your household do most of the work?		How much did the entire siding job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)	
				Month	Year	1 Yes/2 No			
				(1-12)	(1994-1997)				
				(M-Mistake)					
HMR6B2B@ALSIDMO	RAM F RAM								\$
HMR6B2B@ALSIDYR	RAY F RAY		4274						
HMR6B2B@ALSIDWK	RAH f RAH		4275						

HMR6B2B@ALSIDAM RAD F RAD 4276

HMR6C f WTRPIPE 4277 Have you added or replaced interior water pipes?  
 (1) Yes  
 (2) No

HMR6C1 Did you add pipes, or replace existing ones?  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*

HMR6C1@ADDPPIPE f ADDPIPE 4278 Added  
 HMR6C1@REPIPE f REPIPE 4279 Replaced

HMR6C1A v ADDPIPB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same INTERIOR WATER PIPES--ADDED job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR6C1B INTERIOR WATER PIPES--ADDED  
 In what month and year was the interior water pipes completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Did someone in your household do most of the work?  
 How much did the entire interior water pipes job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR6C1B@ADPIPMO RAM F RAM \$  
 HMR6C1B@ADPIPYPYR RAY F RAY 4280  
 HMR6C1B@ADPIPWK RAH f RAH 4281  
 HMR6C1B@ADPIPAM RAD F RAD 4282

HMR6C2 f ALLPIPE 4283 Did you replace ALL your home's interior water pipes?  
 (1) Yes  
 (2) No

HMR6C2A v ALLPIPB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same INTERIOR WATER PIPES--REPLACED job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR6C2B INTERIOR WATER PIPES--REPLACED  
 In what month and year was the interior water pipes completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Did someone in your household do most of the work?  
 How much did the entire interior water pipes job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR6C2B@ALPIPMO RAM F RAM \$  
 HMR6C2B@ALPIPYPYR RAY F RAY 4284  
 HMR6C2B@ALPIPWK RAH f RAH 4285  
 HMR6C2B@ALPIPAM RAD F RAD 4286

HMR6D f WIRING 4287 Have you added or replaced electrical wiring?  
 (1) Yes  
 (2) No

HMR6D1 Did you add wiring or replace existing wiring?  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*

HMR6D1@ADDWIRE f ADDWIRE 4288 Added  
 HMR6D1@REPWIRE f REPWIRE 4289 Replaced

HMR6D1A v ADDWIRB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same WIRING-ADDED job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR6D1B WIRING--ADDED  
 In what month and year was the wiring completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire wiring job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR6D1B@ADWIRMO RAM F RAM \$  
 HMR6D1B@ADWIRYR RAY F RAY 4290  
 HMR6D1B@ADWIRWK RAH f RAH 4291  
 HMR6D1B@ADWIRAM RAD F RAD 4292

HMR6D2 f REWIRE 4293 Did you COMPLETELY rewire your home?  
 (1) Yes  
 (2) No

HMR6D2A v REWIRB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same WIRING-REPLACED job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR6D2B WIRING--REPLACED  
 In what month and year was the wiring completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire wiring job cost including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR6D2B@REWIRMO RAM F RAM \$  
 HMR6D2B@REWIRYR RAY F RAY 4294  
 HMR6D2B@REWIRWK RAH f RAH 4295  
 HMR6D2B@REWIRAM RAD F RAD 4296

HMR6E f FUSEBOX 4297 Have you added or replaced fuse boxes or breaker switches?  
 (1) Yes  
 (2) No

HMR6E1 Were these additions or replacements?  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*  
 HMR6E1@ADDFUSE f ADDFUSE 4298 Additions  
 HMR6E1@REFUSE f REPFUSE 4299 Replacements

HMR6E1A v FUSEB1A \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same FUSE BOX/BREAKER SWITCH job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR6E1B FUSE BOX/BREAKER SWITCH  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR6E1B@FUSEMO RAM F RAM \$  
 HMR6E1B@FUSEYR RAY F RAY 4300  
 HMR6E1B@FUSEWK RAH f RAH 4301  
 HMR6E1B@FUSEAM RAD F RAD 4302

HMR6F f DOORWIN 4303 In the past 2 years, have you added or replaced doors or windows?  
 (1) Yes  
 (2) No

HMR6F1 Were these additions or replacements?  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*  
 HMR6F1@ADDRWN f ADDRWN 4304 Additions  
 HMR6F1@RPDRWN f RPDRWN 4305 Replacements

HMR6F1A v ADRWNB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same DOORS/WINDOWS--ADDITIONS job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview ...  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR6F1B DOORS/WINDOWS--ADDITIONS  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR6F1B@ADOORMO RAM F RAM \$  
 HMR6F1B@ADOORYR RAY F RAY 4306  
 HMR6F1B@ADOORWK RAH f RAH 4307  
 HMR6F1B@ADOORAM RAD F RAD 4308

HMR6F2A v RPDWNB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same DOORS/WINDOWS--REPLACEMENTS job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview ...  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR6F2B DOORS/WINDOWS--REPLACEMENTS  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR6F2B@RPDORMO RAM F RAM \$  
 HMR6F2B@RPDORYR RAY F RAY 4309  
 HMR6F2B@RPDORWK RAH f RAH 4310  
 HMR6F2B@RPDORAM RAD F RAD 4311

HMR6G f PLUMFXT 4312 Have you added or replaced plumbing fixtures, such as sinks or bathtubs?  
 (1) Yes  
 (2) No

HMR6G1 Were these additions or replacements?  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*

HMR6G1@ADDFIXT f ADDFIXT 4313 Additions  
 HMR6G1@REPFIXT f REPFIXT 4314 Replacements

HMR6G1A v ADDFTB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same PLUMBING FIXTURES/SINKS/BATHTUBS--ADDITIONS job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR6G1B PLUMBING FIXTURES/SINKS/BATHTUBS--ADDITIONS  
 In what month and year was the work completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR6G1B@ADFTMO RAM F RAM \$  
 HMR6G1B@ADFTYR RAY F RAY 4315  
 HMR6G1B@ADFTWK RAH f RAH 4316  
 HMR6G1B@ADFTAM RAD F RAD 4317

HMR6G2A v REPFXTB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same PLUMBING FIXTURES/SINKS/BATHTUBS--REPLACEMENTS job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR6G2B PLUMBING FIXTURES/SINKS/BATHTUBS--REPLACEMENTS  
 In what month and year was the work completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR6G2B@RPFTMO RAM F RAM \$  
 HMR6G2B@RPFTYR RAY F RAY 4318  
 HMR6G2B@RPFTWK RAH f RAH 4319  
 HMR6G2B@RPFTAM RAD F RAD 4320

HMR6H f INSULAT 4321 Have you added or replaced insulation?  
 (1) Yes  
 (2) No

HMR6H1 Did you add insulation or replace existing insulation?  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*

HMR6H1@ADDINSL f ADDINSL 4322 Added  
 HMR6H1@REPINSL f REPINSL 4323 Replaced

HMR6H1A v ADINSB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same INSULATION--ADDED job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR6H1B				INSULATION--ADDED In what month and year was the work completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)	Did someone in your household do most of the work?	How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)
				Month Year (1-12) (1994-1997) (M-Mistake)	1 Yes/2 No	
HMR6H1B@ADINSMO	RAM	F	RAM			\$
HMR6H1B@ADINSYR	RAY	F	RAY	4324		
HMR6H1B@ADINSWK	RAH	f	RAH	4325		
HMR6H1B@ADINSAM	RAD	F	RAD	4326		
HMR6H2A	v		RPINSBA			
				***POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW*** Is this the same INSULATION--REPLACED job we recorded last time as being completed in ... .., OR is it a different one? 1 Yes, same job as last interview Change answer to blank ... 2 No, a different job ... 3 Don't Know - Not Sure ...		
HMR6H2B				INSULATION--REPLACED In what month and year was the work completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)	Did someone in your household do most of the work?	How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)
				Month Year (1-12) (1994-1997) (M-Mistake)	1 Yes/2 No	
HMR6H2B@RPINSMO	RAM	F	RAM			\$
HMR6H2B@RPINSYR	RAY	F	RAY	4327		
HMR6H2B@RPINSWK	RAH	f	RAH	4328		
HMR6H2B@RPINSAM	RAD	F	RAD	4329		
HMR7A	f		CARPET	4330	In the last two years, have you installed any wall-to-wall carpeting? (1) Yes (2) No	
HMR7B					Did you replace existing wall-to-wall carpeting or add it where none was before? ***MARK (X) ALL THAT APPLY*** Added Replaced	
HMR7B@ADCRPET	f		ADCRPET	4331		
HMR7B@RPCRPET	f		RPCRPET	4332		
HMR7C					Was that added over bare sub-flooring, such as concrete or unfinished wood, or was that over a finished floor? ***MARK (X) ALL THAT APPLY*** Added over sub-flooring Added over finished floor	
HMR7C@ADSUBFL	f		ADSUBFL	4333		
HMR7C@ADFINFL	f		ADFINFL	4334		
HMR7C1	v		ADSBFLB		***POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW*** Is this the same WALL-TO-WALL CARPET job we recorded last time as being completed in ... .., OR is it a different one? 1 Yes, same job as last interview Change answer to blank ... 2 No, a different job ... 3 Don't Know - Not Sure ...	
HMR7C1A				WALL-TO-WALL CARPET In what month and year was the work completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)	Did someone in your household do most of the work?	How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)
				Month Year (1-12) (1994-1997) (M-Mistake)	1 Yes/2 No	
HMR7C1A@ADSUBMO	RAM	F	RAM			\$

HMR7C1A@ADSUBYR RAY F RAY 4335  
 HMR7C1A@ADSUBWK RAH f RAH 4336  
 HMR7C1A@ADSUBAM RAD F RAD 4337

HMR7C2 v ADFNLB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same WALL-TO-WALL CARPET job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR7C2A WALL-TO-WALL CARPET  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 \$

HMR7C2A@FINFLMO RAM F RAM  
 HMR7C2A@FINFLYR RAY F RAY 4338  
 HMR7C2A@FINFLWK RAH f RAH 4339  
 HMR7C2A@FINFLAM RAD F RAD 4340

HMR8A f FLOORIN 4341 Have you installed any flooring such as wood, tile, marble, or vinyl?  
 (1) Yes  
 (2) No

HMR8B Did that replace an existing, finished floor, or was that put down over bare sub-flooring, such as concrete or unfinished wood?

HMR8B@ADFLOOR f ADFLOOR 4342 Put down over sub-flooring  
 HMR8B@RPFLOOR f RPFLOOR 4343 Replaced  
 \*\*\*MARK (X) ALL THAT APPLY\*\*\*

HMR8B1 v ADDFLRB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same NEW FLOORING job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR8B1A NEW FLOORING  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 \$

HMR8B1A@ADFLRMO RAM F RAM  
 HMR8B1A@ADFLRYR RAY F RAY 4344  
 HMR8B1A@ADFLRWK RAH f RAH 4345  
 HMR8B1A@ADFLRAM RAD F RAD 4346

HMR8C Was the floor replaced with the same type of material or something different?  
 (1) Same  
 (2) Different  
 (3) Both

HMR8C@SDFLR f SDFLR 4347

HMR8C1 v FLOORB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same FLOORING job we recorded last time  
 as being completed in ... .., OR is  
 it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR8C1A FLOORING  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR8C1A@SDFLRMO	RAM	F	RAM			\$
HMR8C1A@SDFLRYS	RAY	F	RAY	4348		
HMR8C1A@SDFLRWK	RAH	f	RAH	4349		
HMR8C1A@SDFLRAM	RAD	F	RAD	4350		

HMR9A f PANEL 4351 Have you installed any panelling or ceiling tiles?  
 (1) Yes  
 (2) No

HMR9B Did this replace existing materials, or was it put up where none was before?

\*\*\*MARK (X) ALL THAT APPLY\*\*\*  
 HMR9B@NEWPANL f NEWPANL 4352 Put up new  
 HMR9B@REPPANL f REPPANL 4353 Replaced

HMR9B1 v NWPNLB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same PANELLING/CEILING TILES job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR9B1A PANELLING/CEILING TILES  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR9B1A@NWPNLMO	RAM	F	RAM			\$
HMR9B1A@NWPNLYS	RAY	F	RAY	4354		
HMR9B1A@NWPNLWK	RAH	f	RAH	4355		
HMR9B1A@NWPNLAM	RAD	F	RAD	4356		

HMR9B2 v RPANLB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same PANELLING/CEILING TILES job we recorded last time  
 as being completed in ... .., OR is  
 it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR9B2A PANELLING/CEILING TILES  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

			Month (1-12)	Year (1994-1997) (M-Mistake)	1 Yes/2 No	WITH OTHER WORK)
HMR9B2A@RPANLMO	RAM	F RAM				\$
HMR9B2A@RPANLYR	RAY	F RAY	4357			
HMR9B2A@RPANLWK	RAH	f RAH	4358			
HMR9B2A@RPANLAM	RAD	F RAD	4359			
HMR10AINTRO	w					The following questions are about equipment installed in your home Please do not include work already reported because we don't want to count jobs twice
HMR10A	f	CENAIR	4360			In the last two years have you added or replaced CENTRAL air conditioning? (1) Yes (2) No
HMR10A1	F	REPLCEN	4361			Did this replace old room units, a CENTRAL air conditioner or did you not have air conditioning? (1) Replaced old room units (2) Replaced CENTRAL (3) No previous air conditioner
HMR10A2	v	RPCENB				***POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW*** Is this the same CENTRAL AIR CONDITIONING job we recorded last time as being completed in ... .., OR is it a different one? 1 Yes, same job as last interview Change answer to blank ... 2 No, a different job ... 3 Don't Know - Not Sure ...
HMR10A2A						CENTRAL AIR CONDITIONING In what month and year was the work completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS) Month Year 1 Yes/2 No (1-12) (1994-1997) (M-Mistake) Did someone in your household do most of the work? How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)
HMR10A2A@RCENMO	RAM	F RAM				\$
HMR10A2A@RCENYR	RAY	F RAY	4362			
HMR10A2A@RCENWK	RAH	f RAH	4363			
HMR10A2A@RCENAM	RAD	F RAD	4364			
HMR10B	f	HEATEQU	4365			Have you added or replaced built-in heating equipment such as a furnace, boiler, duct work, or radiators? (1) Yes (2) No
HMR10B1	F	REPHEQU	4366			Did this replace old equipment? (1) Yes, replaced (2) No, added
HMR10B2	v	RPHEQUB				***POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW*** Is this the same HEATING job we recorded last time as being completed in ... .., OR is it a different one? 1 Yes, same job as last interview Change answer to blank ... 2 No, a different job ... 3 Don't Know - Not Sure ...
HMR10B2A						HEATING In what month and year was the work completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS) Month Year 1 Yes/2 No (1-12) (1994-1997) (M-Mistake) Did someone in your household do most of the work? How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)
HMR10B2A@ADHEMO	RAM	F RAM				\$

HMR10B2A@ADHEYR RAY F RAY 4367  
 HMR10B2A@ADHEWK RAH f RAH 4368  
 HMR10B2A@ADHEAM RAD F RAD 4369

HMR10B2C F HTEQINS 4370 What kind of equipment was installed?  
 (1) Furnace, heat pump, or boiler  
 (2) Any other equipment

HMR10B3 v HTEQINB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same HEATING job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR10B3A HEATING  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 \$

HMR10B3A@HEQUMO RAM F RAM  
 HMR10B3A@HEQUYR RAY F RAY 4371  
 HMR10B3A@HEQUWK RAH f RAH 4372  
 HMR10B3A@HEQUAM RAD F RAD 4373

HMR10C f SEPTIC 4374 In the last two years have you added or replaced a septic tank?  
 (1) Yes  
 (2) No

HMR10C1 F REPSEPT 4375 Did this replace another septic tank, or was it added?  
 (1) Yes, replaced  
 (2) No, added

HMR10C2 v RPSEPTB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same SEPTIC TANK job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR10C2A SEPTIC TANK  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 \$

HMR10C2A@SEPTMO RAM F RAM  
 HMR10C2A@SEPTYR RAY F RAY 4376  
 HMR10C2A@SEPTWK RAH f RAH 4377  
 HMR10C2A@SEPTAM RAD F RAD 4378

HMR10D f WTRHTR 4379 Have you added or replaced a water heater?  
 (1) Yes  
 (2) No

HMR10D1 F REPWTRH 4380 Did this replace old equipment?  
 (1) Yes, replaced  
 (2) No, added

HMR10D2 v RPWTRHB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same WATER HEATER job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR10D2A WATER HEATER  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR10D2A@WTRHMO RAM F RAM \$  
 HMR10D2A@WTRHYR RAY F RAY 4381  
 HMR10D2A@WTRHWK RAH f RAH 4382  
 HMR10D2A@WTRHAM RAD F RAD 4383

HMR10E f DSHWSH 4384 In the last two years have you added or replaced a dishwasher?  
 (1) Yes  
 (2) No

HMR10E1 F RPDSHWS 4385 Did this replace old equipment?  
 (1) Yes, replaced  
 (2) No, added

HMR10E2 v RPDSHWB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same DISHWASHER job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR10E2A DISHWASHER  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR10E2A@DSHWMO RAM F RAM \$  
 HMR10E2A@DSHWYR RAY F RAY 4386  
 HMR10E2A@DSHWWK RAH f RAH 4387  
 HMR10E2A@DSHWAM RAD F RAD 4388

HMR10F f DSPOSAL 4389 Have you added or replaced a garbage disposal?  
 (1) Yes  
 (2) No

HMR10F1 F RPDSPSL 4390 Did this replace old equipment?  
 (1) Yes, replaced  
 (2) No, added

HMR10F2 v RPDSPLB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same GARBAGE DISPOSAL job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR10F2A				GARBAGE DISPOSAL In what month and year was the work completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)	Did someone in your household do most of the work?	How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)
				Month Year (1-12) (1994-1997) (M-Mistake)	1 Yes/2 No	
HMR10F2A@DSPLMO	RAM	F	RAM			\$
HMR10F2A@DSPLYR	RAY	F	RAY	4391		
HMR10F2A@DSPLWK	RAH	f	RAH	4392		
HMR10F2A@DSPLAM	RAD	F	RAD	4393		
HMR11A	f	MSINSID	4394	Did we miss any other MAJOR improvements or repair jobs done INSIDE your home in the last two years? (1) Yes (2) No		
HMR11A1				What was the job? (INSIDE JOB)		
HMR11A1@MISINA	v	MISINA		JOB 1		
HMR11A1@MISINB	v	MISINB		JOB 2		
HMR11A1@MISINC	v	MISINC		JOB 3		
HMR11A2	v	MSINAB		***POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW*** Is this the same ... job we recorded last time as being completed in ... .., OR is it a different one? 1 Yes, same job as last interview Change answer to blank ... 2 No, a different job ... 3 Don't Know - Not Sure ...		
HMR11A2A				In what month and year was the work completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)	Did someone in your household do most of the work?	How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)
				Month Year (1-12) (1994-1997) (M-Mistake)	1 Yes/2 No	
HMR11A2A@INSAMO	RAM	F	RAM			\$
HMR11A2A@INSAYR	RAY	F	RAY	4395		
HMR11A2A@INSAWK	RAH	f	RAH	4396		
HMR11A2A@INSAAM	RAD	F	RAD	4397		
HMR11B1	v	MSINBB		***POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW*** Is this the same ... job we recorded last time as being completed in ... .., OR is it a different one? 1 Yes, same job as last interview Change answer to blank ... 2 No, a different job ... 3 Don't Know - Not Sure ...		
HMR11B1A				In what month and year was the work completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)	Did someone in your household do most of the work?	How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)
				Month Year (1-12) (1994-1997) (M-Mistake)	1 Yes/2 No	
HMR11B1A@INSBMO	RAM	F	RAM			\$
HMR11B1A@INSBYR	RAY	F	RAY	4398		
HMR11B1A@INSBWK	RAH	f	RAH	4399		
HMR11B1A@INSBAM	RAD	F	RAD	4400		

HMR11C1 v MSINCB  
 \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same ... job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR11C1A In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR11C1A@INSCMO RAM F RAM \$  
 HMR11C1A@INSCYR RAY F RAY 4401  
 HMR11C1A@INSCWK RAH f RAH 4402  
 HMR11C1A@INSCAM RAD F RAD 4403

HMR12A f DRIVEWY 4404 Now, about work done to your LOT or YARD. In the last two years have you added or replaced driveways or walkways?  
 (1) Yes  
 (2) No

HMR12A1 v DRIVED  
 \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same DRIVEWAYS/WALKWAYS job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR12A1A DRIVEWAYS/WALKWAYS  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR12A1A@DRIVEMO RAM F RAM \$  
 HMR12A1A@DRIVEYR RAY F RAY 4405  
 HMR12A1A@DRIVEWK RAH f RAH 4406  
 HMR12A1A@DRIVEAM RAD F RAD 4407

HMR12B f FENCE 4408 Have you added or replaced fencing or walls?  
 (1) Yes  
 (2) No

HMR12B1 v FENCEB  
 \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same FENCING/WALLS job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR12B1A FENCING/WALLS  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR12B1A@FENCEMO RAM F RAM \$

HMR12B1A@FENCEYR RAY F RAY 4409  
 HMR12B1A@FENCEWK RAH f RAH 4410  
 HMR12B1A@FENCEAM RAD F RAD 4411

HMR12C f PATIO 4412 Have you added or replaced a patio, terrace, or a detached deck?  
 (1) Yes  
 (2) No

HMR12C1 v PATIOB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same PATIO/TERRACE/DETACHED DECK job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR12C1A PATIO/TERRACE/DETACHED DECK  
 In what month and year was the work completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Did someone in your household do most of the work?  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR12C1A@PATIOMO RAM F RAM \$  
 HMR12C1A@PATIOYR RAY F RAY 4413  
 HMR12C1A@PATIOWK RAH f RAH 4414  
 HMR12C1A@PATIOAM RAD F RAD 4415

HMR12D f POOL 4416 Have you added or replaced a swimming pool, tennis court  
 or other recreational structure?  
 (1) Yes  
 (2) No

HMR12D1 v POOLB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same SWIMMING POOL/TENNIS COURT/OTHER job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR12D1A SWIMMING POOL/TENNIS COURT/OTHER RECREATIONAL STRUCTURE  
 In what month and year was the work completed? (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Did someone in your household do most of the work?  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

HMR12D1A@POOLMO RAM F RAM \$  
 HMR12D1A@POOLYR RAY F RAY 4417  
 HMR12D1A@POOLWK RAH f RAH 4418  
 HMR12D1A@POOLAM RAD F RAD 4419

HMR12E f SHED 4420 Have you added or replaced a shed, detached garage  
 or other building?  
 (1) Yes  
 (2) No

HMR12E1 v SHEDB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same SHED/DETACHED GARAGE/OTHER BUILDING job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR12E1A SHED/DETACHED GARAGE/OTHER BUILDING  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR12E1A@SHEDMO RAM F RAM \$  
 HMR12E1A@SHEDYR RAY F RAY 4421  
 HMR12E1A@SHEDWK RAH f RAH 4422  
 HMR12E1A@SHEDAM RAD F RAD 4423

HMR13A f MISSOUT 4424 Did we miss any other MAJOR improvements or repair jobs done to your LOT OR YARD in the last two years?  
 (1) Yes  
 (2) No

HMR13A1 What was the job?  
 (OUTSIDE JOB)  
 JOB 1  
 HMR13A1@MISOUTA v MISOUTA  
 HMR13A1@MISOUTB v MISOUTB  
 HMR13A1@MISOUTC v MISOUTC  
 JOB 2  
 JOB 3

HMR13A2 v MSOUTAB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same ... job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR13A2A OTHER LOT OR YARD WORK  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR13A2A@OUTAMO RAM F RAM \$  
 HMR13A2A@OUTAYR RAY F RAY 4425  
 HMR13A2A@OUTAWK RAH f RAH 4426  
 HMR13A2A@OUTAAM RAD F RAD 4427

HMR13B1 v MSOUTBB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same ... job we recorded last time as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR13B1A OTHER LOT OR YARD WORK  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)

Did someone in your household do most of the work?  
 1 Yes/2 No

How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)

HMR13B1A@OUTBMO RAM F RAM \$  
 HMR13B1A@OUTBYR RAY F RAY 4428  
 HMR13B1A@OUTBWK RAH f RAH 4429  
 HMR13B1A@OUTBAM RAD F RAD 4430

HM13C1 v MSOUTCB \*\*\*POSSIBLE DUPLICATE JOB FROM LAST INTERVIEW\*\*\*  
 Is this the same ... job we recorded last time  
 as being completed in ... .., OR is it a different one?  
 1 Yes, same job as last interview  
 Change answer to blank ...  
 2 No, a different job ...  
 3 Don't Know - Not Sure ...

HMR13C1A OTHER LOT OR YARD WORK  
 In what month and year was the work completed?  
 (ENTER CURRENT MONTH AND YEAR FOR WORK IN PROGRESS)  
 Month Year 1 Yes/2 No  
 (1-12) (1994-1997)  
 (M-Mistake)  
 Did someone in your household do most of the work?  
 How much did the entire job cost, including your costs and any amount covered by insurance not counting your time? (ENTER "1" FOR JOBS WHOSE COSTS WAS REPORTED WITH OTHER WORK)  
 \$

HMR13C1A@OUTCMO RAM F RAM  
 HMR13C1A@OUTCYR RAY F RAY 4431  
 HMR13C1A@OUTCWK RAH f RAH 4432  
 HMR13C1A@OUTCAM RAD F RAD 4433

HMR14 f HMRLOAN 4434  
 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?  
 (1) Yes  
 (2) No

HMR15 F HHMAINT 4435  
 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)  
 (0) Nothing  
 (1-9997) \$1 - \$9,997  
 (9998) \$9,998 or more  
 \$

HHAGE		W		***Temp Variables ***
NHQ1A				The following questions are concerned with specific aspects of your PRESENT neighborhood Does the neighborhood have... (READ ITEMS BELOW) (1) YES or (2) NO
NHQ1A@1	b STRNA	4436		Street noise or heavy street traffic?
NHQ1A@2	b CRIMEA	4437		Neighborhood crime?
NHQ1A@3	b ODORA	4438		Smoke, gas, or bad smells?
NHQ1B1	b STRNB	4439		Does the street noise or heavy street traffic bother you? (1) Yes (2) No
NHQ1C1	b STRNC	4440		Is it so objectionable that you would like to move from the neighborhood? (1) Yes (2) No
NHQ1B2	b CRIMEB	4441		Does the neighborhood crime bother you? (1) Yes (2) No
NHQ1C2	b CRIMEC	4442		Is it so objectionable that you would like to move from the neighborhood? (1) Yes (2) No
NHQ1B3	b ODORB	4443		Does the smoke, gas, or bad smells bother you? (1) Yes (2) No
NHQ1C3	b ODORC	4444		Is it so objectionable that you would like to move from the neighborhood? (1) Yes (2) No
NHQ2				Is there ... about the neighborhood that bothers you? (1) Yes (2) No
NHQ2@A	2000 b NPROBS	4445		What? ***MARK (X) ALL THAT APPLY***
NHQ2@B1	2010 b NOPROB	4446		No problem
NHQ2@B2	2010 b NOISE	4447		Noise
NHQ2@B3	2010 b LITTER	4448		Litter or housing deterioration
NHQ2@B4	2010 b BADSRV	4449		Poor city/county services
NHQ2@B5	2010 b BADPRP	4450		Undesirable commercial, institutional, or industrial property
NHQ2@B6	2010 b BADPER	4451		People
NHQ2@B7	2010 b OTHNHD	4452		Other (SPECIFY)
NHQ3				Is there public transportation for this area? (1) Yes (2) No
NHQ3@A	5730 b NEWTRN	4453		Is it satisfactory? (1) Yes (2) No (3) Do not use
NHQ3@B	5740 b TRN	4454		... use public transportation at least once a week? (1) Yes (2) No
NHQ3@C	5750 b USETRN	4455		... use public transportation at least once a week? (1) Yes (2) No
NHQ3@D			W	
NHQ4				Do you have satisfactory neighborhood shopping, that is grocery stores or drug stores? (1) Yes (2) No (D) Don't know
NHQ4@A	5760 b SHP	4456		Are any of these stores within one mile of ...? (1) Yes

NHQ4aB	5770 b SHPCLS	4457	(2) No																											
NHQ5	b SATPOL	4458	Do you have satisfactory police protection for this area? (1) Yes (2) No																											
NHQ6A			... .. attend a public school or a private school?																											
NHQ6Aa1	5780 b SCHPUB	4459	Public school (K-12)																											
NHQ6Aa2	5780 b SCHPRI	4460	Private school (K-12)																											
NHQ6Aa3	5780 b SCHOTH	4461	Other school (ungraded schools, special schools preschools, early learning centers, etc.)																											
NHQ6Aa4	5780 b SCHNO	4462	Does not attend school																											
NHQ6B	5790 b SCH	4463	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.) (1) Yes (2) No (3) Don't know																											
NHQ6C	5800 b SCHM	4464	Is it so unsatisfactory that you would like to move from the neighborhood? (1) Yes (2) No																											
NHQ6D	5810 b SCHCLS	4465	Is that public elementary school within one mile of here? (1) Yes (2) No *** REFERENCE SECTION *****																											
NHQ1AH	W		<p>INCLUDE AS</p> <table border="1"> <thead> <tr> <th>Street Noise or Heavy Street Traffic</th> <th>Neighborhood Crime</th> <th>Smoke, gas, or bad smells</th> </tr> </thead> <tbody> <tr> <td>* traffic street noise</td> <td>* whether successful or not</td> <td>* gas fumes from motor vehicles</td> </tr> <tr> <td>* business noise</td> <td>* petty theft</td> <td>* fumes from industrial/commerical operations</td> </tr> <tr> <td>* street or highway noise</td> <td>* assault</td> <td>* odors from sewers</td> </tr> <tr> <td>* road construction noise</td> <td>* burglary</td> <td>* septic fields</td> </tr> <tr> <td>* heavy traffic</td> <td>* grand larceny</td> <td>* aerial spraying</td> </tr> <tr> <td>etc</td> <td>* prostitution</td> <td>etc</td> </tr> <tr> <td></td> <td>* confidence games</td> <td></td> </tr> <tr> <td></td> <td>etc.</td> <td></td> </tr> </tbody> </table> <p>NOTE: The above examples are based on RESPONDENT'S OPINION</p>	Street Noise or Heavy Street Traffic	Neighborhood Crime	Smoke, gas, or bad smells	* traffic street noise	* whether successful or not	* gas fumes from motor vehicles	* business noise	* petty theft	* fumes from industrial/commerical operations	* street or highway noise	* assault	* odors from sewers	* road construction noise	* burglary	* septic fields	* heavy traffic	* grand larceny	* aerial spraying	etc	* prostitution	etc		* confidence games			etc.	
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NHQ1CH	W		If respondent hesitates, mention that the purpose of this question is to provide information to housing planners regarding problems or conditions that people view as so objectionable that they would move from a neighborhood																											
NHQ3AH	W		<p>PUBLIC TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>INCLUDES...</th> <th>EXCLUDES</th> </tr> </thead> <tbody> <tr> <td>* Buses</td> <td>* School buses</td> </tr> <tr> <td>* Taxicabs</td> <td></td> </tr> <tr> <td>* Ferry boats</td> <td></td> </tr> <tr> <td>* Trains</td> <td></td> </tr> <tr> <td>* Bus/Van service provided by management for residents of housing complex</td> <td></td> </tr> </tbody> </table>	INCLUDES...	EXCLUDES	* Buses	* School buses	* Taxicabs		* Ferry boats		* Trains		* Bus/Van service provided by management for residents of housing complex																
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NHQ3BH	W		Based on RESPONDENT'S OPINION of what "satisfactory" means to him/her																											
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NHQ6AH

W

PUBLIC	PRIVATE	OTHER	DOES NOT ATTEND
Part of state, county or local school system K-12	Graded schools not part of the public school system	Not public or private graded schools	Children who do not go to school
	-Parochial schools	-Ungraded schools	-Tutoring arrangement
	-Montessori schools	-Special schools	-Home schooling*
		-Preschools	
		-Early learning center	

\*NOTE: This does not include children with a physical disability who participate in a public or private graded school system via television and/or computer hook-up. For this situation enter either "public" or "private", as appropriate

E\_HHR0S

ELIGIBLE HOUSEHOLD ROSTER  
 LNO NAME

RMOV1A

What are the reasons you moved from your last residence?  
 MARK (X) ALL THAT APPLY - - FR NOTE: At least one X required"

RMOV1Aa1	v	WMPRIV1		1. A private company or person wanted to use it for some purpose
RMOV1Aa2	v	WMGOVT1		2. Forced to leave by the government
RMOV1Aa3	2030	b	WMDISL 4466	3. Disaster loss (fire, flood, etc.)
RMOV1Aa4	2030	b	WMJOBS 4467	4. New job or job transfer
RMOV1Aa5	2030	b	WMCLOS 4468	5. To be closer to work/school/other
RMOV1Aa6	2030	b	WMFEMP 4469	6. Other, financial/employment related
RMOV1Aa7	2030	b	WMONHH 4470	7. To establish own household
RMOV1Aa8	2030	b	WMLARG 4471	8. Needed a larger house or apartment
RMOV1Aa9	2030	b	WMMARR 4472	9. Married, widowed, divorced, or separated
RMOV1Aa10	2030	b	WMFAML 4473	10. Other, family/personal related
RMOV1Aa11	2030	b	WMQUAL 4474	11. Wanted a better quality house (apartment)
RMOV1Aa12	2030	b	WMCHTN 4475	12. Change from owner to renter OR renter to owner
RMOV1Aa13	2030	b	WMCHEP 4476	13. Wanter lower rent or less expensive house to maintain
RMOV1Aa14	2030	b	WMHOUS 4477	14. Other housing related reasons
RMOV1Aa15	2030	b	WMOTHR 4478	15. Other-Specify

RMOV1B

2070 B WHYMOV 4479

What was the MAIN reason you moved?  
 (Enter precode 1-15 or enter zero - All reasons of equal importance)

RMOV2A1

v WMOWNR1

Did you leave  
 Because the owner, or members of the owner's family were going  
 to move into that residence?  
 (1) Yes  
 (2) No

RMOV2A2

v WMCNDO1

Because that unit was going to become a condominium or cooperative?  
 (1) Yes  
 (2) No

RMOV2A3

v WMREPR1

Because that residence was closed for repairs?  
 (1) Yes  
 (2) No

RMOV2B1

v WMGOVP1

Did you leave  
 Because the government wanted to use the land or building for  
 some other purposes?  
 (1) Yes  
 (2) No

RMOV2B2

v WMNFIT1

Because that residence was condemned by the government as unfit  
 for occupancy?  
 (1) Yes  
 (2) No

RMOV2C1

v WMPRIV2

In addition to the reasons given, did you leave  
 Because a private company or person wanted to use it for some  
 purpose?  
 (1) Yes  
 (2) No

RMOV2C2

v WMOWNR2

Was that because the owner or members of the owner's family were  
 going to move into that residence?  
 (1) Yes  
 (2) No

RMOV2C3

v WMCNDO2

Because it was going to be a condominium or cooperative?  
 (1) Yes  
 (2) No

RMOV2C4

v WMREPR2

Because it was closed for repairs?  
 (1) Yes  
 (2) No

RMOV2C5

v WMGOVT2

Because the government forced you to leave?  
 (1) Yes  
 (2) No

RMOV2C6	v	WMGOVP2		Was that because the government wanted to use the land or building for some other purpose? (1) Yes (2) No
RMOV2C7	v	WMNFIT2		Because it was condemned by the government as unfit for occupancy? (1) Yes (2) No
RMOV3	2200 b	LOOKNS	4480	When you were going to move, did you look for a ... in any neighborhood other than this? (1) Yes (2) No
RMOV4A	2240 b	LOOKHS	4481	Did you look at both ... and apartments? (1) Yes (2) No (3) Looked only at this unit
RMOV4B				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? (WRITE EXACT WORDS AND MARK (X) ALL THAT APPLY.)
RMOV4B@a	v	NHOODA		
RMOV4B@b	v	NHOODB		
RMOV4B@c	v	NHOODC		
RMOV4B@a1	2210 b	WNJOB	4482	1. Convenient to job
RMOV4B@a2	2210 b	WNPEPL	4483	2. Convenient to friends or relatives
RMOV4B@a3	2210 b	WNFUN	4484	3. Convenient to leisure activities
RMOV4B@a4	2210 b	WNTRAN	4485	4. Convenient to public transportation
RMOV4B@a5	2210 b	WNSCH	4486	5. Good schools
RMOV4B@a6	2210 b	WNSRV	4487	6. Other public services
RMOV4B@a7	2210 b	WNLOOK	4488	7. Looks/design of neighborhood
RMOV4B@a8	2210 b	WNHOME	4489	8. House was an important consideration
RMOV4B@a9	2210 b	WNOTHR	4490	9. Other
RMOV4C	2230 B	WHYTON	4491	<b>**MAIN REASON YOU CHOSE NEIGHBORHOOD**</b> What is the MAIN reason you chose this neighborhood? (Enter precode 1-9 or enter zero - All reasons of equal importance)
RMOV5A				Now considering your home, what attracted you to THIS ...? (WRITE EXACT WORDS AND MARK (X) ALL THAT APPLY)
RMOV5A@a	v	HOMEA		
RMOV5A@b	v	HOMEB		
RMOV5A@c	v	HOMEC		
RMOV5A@a1	2250 b	WHFIN	4492	1. Financial reasons
RMOV5A@a2	2250 b	WHDSN	4493	2. Room layout/design
RMOV5A@a3	2250 b	WHKIT	4494	3. Kitchen
RMOV5A@a4	2250 b	WHSIZ	4495	4. Size
RMOV5A@a5	2250 b	WHEXT	4496	5. Exterior appearance
RMOV5A@a6	2250 b	WHYRD	4497	6. Yard/trees/view
RMOV5A@a7	2250 b	WHQUL	4498	7. Quality of construction
RMOV5A@a8	2250 b	WHAVL	4499	8. Only one available
RMOV5A@a9	2250 b	WHOTH	4500	9. Other-SPECIFY
RMOV5B	2270 B	WHYTOH	4501	What was the MAIN reason you chose this ...? (Enter precode 1-9 or enter zero - All reasons of equal importance)
RMOV6	2280 b	XNRATE	4502	Is this neighborhood better, worse, or about the same as your last neighborhood? (1) Better (2) Worse (3) About the same (4) Same neighborhood
RMOV7	2290 b	XHRATE	4503	Is this ... better, worse, or about the same as your last home? (1) Better (2) Worse (3) About the same

RM\_HHROS

RECENT MOVERS GROUP ROSTER

MOV MOV GROUP  
 REL YR MON ASSIGN

LNO NAME

RMOV\_WARN W You are about to make the recent movers group assignments  
 FR WARNING: You will not have ability to backup and  
 change answers in RMOV8 through RMOV9b without CORRUPTING  
 the creditability of the group assignments  
 DO NOT BACK UP!!

Press (P) to continue

RMOV8 B ALMV 4504 Earlier you told me (READ NAMES ABOVE) moved into this  
 ... after ...  
 Did ... move here from the same previous residence?  
 (1) Yes  
 (2) No

RMOV9A Which people moved here from the ... previous residence?  
 Start with the previous residence from which the most people moved  
 FR NOTE:  
 1) ENTER THE LINE NUMBER OF ALL PEOPLE WHO MOVED FROM THE ... PREVIOUS  
 RESIDENCE  
 2) MAKE SURE THAT ALL PERSONS MENTIONED, AND NO ONE ELSE MOVED FROM THIS  
 RESIDENCE. CORRECT IF NECESSARY  
 3) WHEN COMPLETED----ENTER (N) FOR "NO MORE" TO PROCEED

RMOV9Aa1 W  
 RMOV9Aa2 W  
 RMOV9Aa3 W  
 RMOV9Aa4 W  
 RMOV9Aa5 W  
 RMOV9Aa6 W

T\_RMGROUP

RECENT MOVER GROUPS

MOV MOV GROUP  
 REL YR MON ASSIGN

LNO NAME

RMOV9B What city, county, and State did ... live in just  
 before moving here?

(Enter 2-character State code from flash card)

RMOV9Ba1 2340 h XINUS 4505 Enter (X) if Outside U.S.  
 RMOV9Ba2 h XCITY City or Place  
 RMOV9Ba3 h XSTATE State  
 RMOV9Ba4 h XCOUNTY County

RMOV9C h XINCL 4506 Did ... live inside the Incorporated  
 limits of ...?  
 (1) Yes  
 (2) No  
 (3) Don't know

RMOV9D 2380 h XUNIT 4507 Was that residence - (Read all answer categories)  
 (1) A house?  
 (2) An apartment?  
 (3) A mobile home?  
 (4) Or some other type of residence?

RMOV9E 2390 h XTEN 4508 Was that home  
 (1) Owned or being bought by someone in that household?  
 (2) Rented for cash?  
 (3) Occupied without payment of cash rent?

RMOV9F 2400 h XCOND 4509 Was the ... part of a condominium  
 or cooperative, or neither one?  
 (1) Cooperative  
 (2) Condominium  
 (3) Neither  
 (4) Don't know

RMOV9G H XCOOP 4510 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?  
 (1) Yes  
 (2) No (Correct entry in RMOV9f)

Code	Name	Seq#	Description
RMOV9H	2410 H XPER	4511	How many people lived in that household just before the move?
RMOV9I	2420 h XHEAD	4512	Was that ... .. by someone who moved here? (1) Yes (2) No
RMOV9J	2430 h XREL	4513	Was it ... by a relative? (1) Yes (2) No
RMOV9K	2440 H XCOST	4514	When ... moved, did ... housing costs increase, decrease, or stay about the same, including utilities and .... (Compare their share, if not whole household) (1) Increase (3) Stayed about the same (2) Decrease (4) Don't know
RMOV1AH	W		Do not read the answer categories. The answers should reflect what caused the move, not results or consequences of the move. For example if job transfer was the reason for the move, don't "x" code "1" just because the new owner of the previous residence wanted to move into it; "x" code "4" for this example See manual for a detailed explanation of the categories
RMOV1BH	W		This question is asked if two or more reasons are given in RMOV1a. If the respondent is unable to choose the main reason, enter "0" (all reasons of equal importance)
RMOV2A1H	W		See manual for an explanation of code 1. Note that all the reasons stated refer to an involuntary move on the part of the respondent
RMOV2B1H	W		See manual for an explanation of code 2. Note that all the reasons stated refer to an involuntary move on the part of the respondent
RMOV3H	W		If the respondent asks what is meant by neighborhood, tell him/her that it is whatever he/she considers it to be. There is no specific definition
RMOV4AH	W		If the sample unit is a house and the respondent states that he/she also looked at mobile homes but not apartments, enter "2" (No). If the sample unit is a mobile home and the respondent looked at houses and mobile homes but not apartments, enter "2" (No) Enter "3" (Looked only at this unit) if the respondent did not look at any other unit except the one where he/she presently resides
RMOV4CH	W		This question is asked if two or more reasons are given in RMOV4b. If the respondent is unable to choose the main reason, enter "0" (all reasons of equal importance)
RMOV5BH	W		This question is asked if two or more reasons are given in RMOV5a. If the respondent is unable to choose the main reason, enter "0" (all reasons of equal importance)
RMOV6H	W		Be sure the respondent understands that the comparison is between this neighborhood and the previous neighborhood. We want the respondent's opinion, not the household's consensus. The previous neighborhood is the one in which the respondent lived
RMOV7H	W		Be sure the respondent understands that the comparison is between this unit and the previous unit. We want the respondent's opinion not the household's consensus
RMOV8H	W		The system uses the answer from this item, along with the date the person moved in, to place people into mover groups. If this is not possible (i.e. not everyone moved from the same previous residence or they moved in more than 6 months apart) then you must make the assignment to mover groups in RMOV9a
RMOV9AH	W		Enter as one group the line numbers of persons who moved with the same 6 month period, and who moved from the same previous residence. If only one of these conditions is met, they are in different mover groups The appropriate screens are repeated until all recent movers are assigned to a mover group to a maximum of 4 mover groups

RMOV9HH	W	<p>Count all persons who lived at the previous residence at the time of the move, and those who usually lived there but were temporarily away for reasons such as visiting, traveling in connection with their jobs, attending school, in general hospitals, and in other temporary locations. Include children, infants, lodgers, servants, hired hands, and anyone else who usually lived there</p> <p>Do not count persons who were staying at the previous residence at the time of the move, but who had a usual residence elsewhere. Persons who lived in the previous residence need not have moved to the new unit to be counted. For example, a son or daughter who remained behind or moved to another residence to attend college is not a member of the present household, but should be counted as a member of the previous one</p>
RMOV9KH	W	<p>Housing costs include real estates taxes, upkeep of place, utilities, etc Comparison should be made of the share this group actually paid in the previous unit with the share actually paid in this residence. If nothing was actually paid in the previous residence, but something is paid here, the costs increased. Conversely, if something was paid in the previous residence but nothing here, the costs decreased. If nothing was paid in either place, the costs stayed the same</p>

PRE\_JTW1

NEED CHECK FOR NATIONAL ONLY

JTW1 E WLINEQ 4515 Did ... 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.)  
 (1) Yes  
 (2) No

JTW2 4445 E HJOB 4516 Did ... usually report to the same location to begin work each day?  
 (1) Yes  
 (2) No

JTW3A In what City, State, Zip code, and county did ... work last week?

\*\*\*ENTER 0 IF OUTSIDE U.S.\*\*\*

JTW3A@CTY e WMETR  
 JTW3A@ST e WKST  
 JTW3A@ZIP e WKZIP  
 JTW3A@CO e WCNTY

City  
 State  
 Zip Code  
 County  
 (Enter H for Help with State Codes)

JTW3B e WMETRIN 4517 Is ... place of work inside the city limits of ...?  
 (1) Yes  
 (2) No

JTW4A 4500 E TRAN 4518 How did ... usually get to work last week?  
 PROBES:  
 (If a person uses different means of transportation on different days...)  
 Which did ... use most often?  
 (If a person uses more than one means of transportation on the same day...)  
 Which covered the longest distance?  
 (1) Car (5) Subway or elevated (9) Bicycle  
 (2) Truck (6) Railroad (10) Other vehicle  
 (3) Van (7) Taxicab (11) Walked only  
 (4) Bus or Streetcar (8) Motorcycle (12) Works at home

JTW4B 4510 e VEHL 4519 Did ... drive alone or go with others?  
 (1) Alone  
 (2) Go with others

JTW5 4520 E PASS 4520 How many people, including ... usually ride in the ...?  
 (2-14) 2-14 people  
 (15) 15 or more people

JTW5PROBLEM v PASSP \*\*POSSIBLE PROBLEM\*\*  
 You said that ... people usually ride in the ...  
 Is this correct?  
 (1) Yes  
 (2) No, number of riders incorrect  
 (3) No, type of vehicle incorrect

JTW6 4530 E TIMEJ 4521 How many minutes did it usually take ... to get to work?  
 (001-997) 1-997 Minutes  
 (998) 998 or more Minutes

JTW7 What time did ... usually leave for work?  
 Was that A.M or P.M.?

JTW7@1 E WTIMHR 4522  
 JTW7@2 E WTIMN 4523  
 JTW7@3 e AMPM 4524

Hours (01-12) Minutes (00-59) AM(1)/PM(2)

JTW8 4560 E DISTJ 4525 How many miles was ... trip to work?  
 (ENTER 0 IF LESS THAN 1 MILE)  
 (000-997) 0-997 miles  
 (998) 998 miles or more

JTW8PROBLEM v DISTJP

\*\*\*POSSIBLE PROBLEM\*\*\*

You stated it takes you ... minutes to go ... miles? Is that correct?

- (1) Yes, it takes that amount of minutes to travel those miles to work
- (2) No, change minutes to work
- (3) No, change miles to work

JTW9 4561 e WHOME 4526

Last week, did ... do any of ... regularly scheduled work for ... employer at home?

- (1) Yes
- (2) No

JTW10 4562 E WHHRW 4527

Last week, how many hours did ... work at home on a wage or salary job?

Hours

JTW11 4563 e WHHRB 4528

How many separate days last week did ... work at home instead of traveling to work?

Days

JTW12 4564 E WHDY 4529

Last week, how many hours did ... work at home as a self-employed person or contract worker or business owner?

Hours

\*\*\*\* REFERENCE SECTION \*\*\*\*

JTW1H W

COUNT AS WORK:

- (1) Paid work as an employee for someone else, including work for:
  - \* Regular wages or salary
  - \* Pay "in kind" (meals/room/supplies in place of cash wages)
  - \* Piece rates, on commission, or for tips
  - \* Active duty in Armed Forces (do NOT count short periods of active duty for training if in National Guard/Reserve)
- (2) Work in person's own business/professional practice/farm
- (3) Work with/without pay in family business or farm
- (4) Part-time work, even if only an hour or two. Include babysitting for pay

DO NOT COUNT AS WORK:

- (1) Work around the house, such as own housework, yardwork or odd jobs
- (2) UNPAID babysitting or UNPAID volunteer work for a church, Red Cross, etc
- (3) Work done by a resident of an institution

DEFINITION OF "LAST WEEK":

The full calendar week (Sun-Sat) preceeding the date of interview

JTW2H W

USE CONCEPT OF REPORTING TO "CENTRAL LOCATION" IF UNSURE

Enter (1) Yes if:

Person usually reports to same location to begin work each day for example:

- \* Taxi driver who reports to a central location before beginning work
- \* Truck driver who reports to a central garage or warehouse

Enter (2) No if:

Person does not usually report to the same central location each day, for example:

- \* Long distance truck driver
- \* Independent taxi driver who does not report to a central taxi garage
- \* Traveling salesperson who leaves directly from home each morning to begin work

JTW3H W

Standard 2 letter state codes

AL=Alabama	IA=Iowa	NJ=New Jersey	VT=Vermont
AK=Alaska	KS=Kansas	NM=New Mexico	VA=Virginia
AZ=Arizona	KY=Kentucky	NY=New York	WA=Washington
AR=Arkansas	LA=Louisiana	NC=N. Carolina	WV=W. Virginia
CA=California	ME=Maine	ND=N. Dakota	WI=Wisconsin
CO=Colorado	MD=Maryland	OH=Ohio	WY=Wyoming
CT=Connecticut	MA=Massachusetts	OK=Oklahoma	
DE=Delaware	MI=Michigan	OR=Oregon	
DC=Dist. Colum.	MN=Minnesota	PA=Pennsylvania	
FL=Florida	MS=Mississippi	RI=Rhode Island	
GA=Georgia	MO=Missouri	SC=S. Carolina	
HI=Hawaii	MT=Montana	SD=S. Dakota	
ID=Idaho	NE=Nebraska	TN=Tennessee	
IL=Illinois	NV=Nevada	TX=Texas	
IN=Indiana	NH=New Hampshire	UT=Utah	

JTW4AH	W	<p>DIFFERENT MEANS USED ON DIFFERENT DAYS OF THE WEEK: Ask which is the principal means, i.e., the one used most often MULTIPLE MEANS USED EACH DAY OF THE WEEK: Example - drives car to train station, train to downtown, subway to work Enter the means that covers the longest distance DEFINITIONS OF WHAT TO INCLUDE IN EACH CATEGORY: See Manual</p>
JTW4BH	W	<p>RIDES ALONE MOST OF THE TIME: Also use "alone" if someone in the household drives the person to work and then usually returns home GO WITH OTHERS: At least one other person is usually riding in the car/truck/van</p>
JTW6H	W	<p>Include: Total elapsed number of minutes it takes from the time the person leaves home until he/she goes through the door of the place of work Count time taken waiting for public transportation, picking up passengers in carpools etc Exclude: Time occasionally taken to stop for meals/shopping/appointments/taking children to school etc If the person usually goes to work from some place other than home (e.g. goes to work from school or another job), enter only the number of minutes usually spent trav- eling to work from the usual point of departure</p>
JTW7H	W	<p>SHIFT WORKERS &amp; THOSE WORKING IRREGULAR HOURS: Enter time they most often leave for work If this cannot be determined, enter time they left for work on the most recent day they worked WHAT TIME TO COUNT: Count the time the person usually departs the residence as the time they usually leave for work, whether or not there are intermediary stops (such as taking children to school or meeting carpool members at their residence) between home and work MIDNIGHT/NOON: Enter 12:00 midnight as A.M. Enter 12:00 noon as P.M MILITARY TIME: Convert and verify with respondent</p>
JTW9H	W	<p>Regular scheduled work: The purpose of this question is to find out who is working out of the office. This includes telecommuters (a company employee who works from home full or part time during normal business hours) real estate sales persons, teleworkers, and any person who works at home on a regular job</p>
JTW10H	W	<p>Number of hours of wage and salary job - Enter the number of hours worked at home on regular schedule work</p>
JTW11H	W	<p>Substitute traveling days -Enter the number of days you worked at home as a substitute for traveling to a usual location of work</p>
JTW12H	W	<p>Number of hours of own hours - Enter the number of hours worked as a self-employed person, contract worker, or business owner</p>

Variable	Code	Description
RETBEGIN		**TEMPORARY VARIABLES**
RET1	v FRSTOCQ	Were you the first ... to occupy this home or did someone else live here before you? (1) First occupants (2) Previously occupied
RET2A	v CUSHOMQ	How did ... obtain ... home? Did ...- (READ CATEGORIES UNTIL A "YES" IS OBTAINED) (1) Buy the house already built? (2) Sign a sales agreement that included the land as well as the cost of building the house? (INCLUDE BOTH UNITS THAT WERE UNDER CONSTRUCTION AND THOSE NOT YET STARTED) (3) Have a general contractor build it on YOUR OWN LAND? (ALSO INCLUDES LEASED LAND) (4) Build it yourself on YOUR OWN LAND? (INCLUDE PERSON ACTING AS OWN GENERAL CONTRACTOR. ALSO INCLUDES LEASED LAND) (5) Receive it as a gift or inheritance?
RET2ARECN	v CUSHOMR	Last time we recorded that you ... This time you reported that you ... Which one should I keep as the correct answer? (6) ...
RET2B	v PREOCCQ	Did ... receive the home as a gift or inheritance or did ... purchase it? (1) Gift or inheritance (2) Purchased
RET2BRECN	v PREOCCR	Last time we recorded that ... This time you reported that ... Which one should I keep as the correct answer? (1) Gift or inheritance (2) Purchased
RET3	v WHNGETQ	When did this household ... the ...? (IF LAND AND BUILDING BOUGHT AT DIFFERENT TIMES, BUILDING ONLY) (1900-1997)
RET3RECN	v WHNGETR	Last time we recorded that this household ... the ... in ... This time we recorded that you ... the ... in ... Which year should I keep as the correct answer? 1900 - 1997
HHROSRET		HOUSEHOLD ROSTER
		LINE NAME
RET4A		When SEE NAMES ACROSS bought this ..., did anyone make inquiries or have this ... inspected or tested for any of the following? (READ ALL CATEGORIES) Enter (1) yes or (2) no
RET4A@1	2971 b TASB	4530 Asbestos
RET4A@2	2972 b TPBPAI	4531 Lead-based paint
RET4A@3	2973 b TRADON	4532 Radon
RET4A@4	2974 b TPBPIP	4533 Lead pipes
RET4A@5	2975 b TPBSOL	4534 Lead solder on copper pipes
RET4A@6	2976 b TWATER	4535 Water quality
RET4A@7	2977 b TALWIR	4536 Aluminum wiring
RET4B	2978 b TREP	4537 Were any repairs or replacements made as a result of the inquiry, inspection, or test? (1) yes (2) no
RET4C	2979 b TADJ	4538 Were any adjustments made to the purchase price of the house as a result of the inquiry, inspection, or test? (1) yes (2) no

RET5A	v LPRICEQ		What was the price? (EXCLUDE CLOSING COST) (FOR MOBILE HOMES, EXCLUDE VALUE OF THE LAND) (1-999997) \$1-\$999,997 (999998) \$999,998 or more \$
RET5B	v CPRICEQ		What was the construction cost as well as the value of the land at that time? (1-999997) \$1-\$999,997 (999998) \$999,998 or more \$
RET5REC	v PRICER		Last time we recorded that the ... This time you reported that the ... Which price should I keep as the correct answer? (1-999997) \$1-\$999,997 (999998) \$999,998 or more \$
RET6	v DWNPAYQ		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) (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
RET6REC	v DWNPAYR		Last time we recorded that your main source of down payment was .... This time you reported that your main source of down payment was ... Which one should I keep as the correct answer? (1) ...
RET7	v FRSTHOQ		... ever owned a home before? (1) yes (2) no
RET7REC	v FRSTHOR		Last time we recorded that ... of the owners living here ... owned a home before This time you reported that ... of the owners living here ... owned a home before. Which one should I keep as the correct answer? (1) yes, owned a home before (2) no, never owned a home before
RET8A	b OWNLOT8A	4539	Do you own the land on which the mobile home sits? (1) yes (2) no
RET8B	3150 B LVALUE	4540	How much do you think the land would sell for on today's market? (1-999997) \$1-\$999,997 (999998) \$999,998 or more \$
RET9A	2450 B MOVAC	4541	How many months has that ... been vacant? (1-24) NUMBER OF MONTHS (IF 1 to 24) (00) Less than 1 month (25) Over 2 years (26) NEVER OCCUPIED (D) Don't know
RET9B	v VACANC1		Is ... .. INTENDED for year-round use, for occupancy only on a seasonal basis, or for use by migrant workers? (1) Year round (8) Seasonal-Summer only (9) Seasonal-Winter only (10) Other seasonal (SPECIFY) (11) Migratory

Code	Name	Seq#	Description
RET9C	2470 B MOPERM	4542	How many months has it been since ... was occupied as a permanent home? (1-24) NUMBER OF MONTHS (IF 1 to 24) (00) Less than 1 month (25) Over 2 years (26) NEVER OCCUPIED AS A PERMANENT HOME (27) Don't know
RET9D	2480 b YRRND	4543	Does the construction and heating of ... make it suitable for year-round use? (1) Yes (2) No
RET9E	3070 b TIMSHR	4544	Is the ownership of ... time-shared? (1) Yes (2) No
RET9F	v VACANC2		Does the owner/manager intend for this ... to be Is that ... (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)
RETCK10A		]	
RET10A	3080 B PVALUE	4545	How much do you think the ... would sell for on today's market? (1-999997) \$1-\$999,997 (999998) \$999,998 or more \$
RETCK10B		]	
RET10B	v VALUE1		(1-999997) \$1-\$999,997 (999998) \$999,998 or more \$
RET10BRECN1			Last time we interviewed your household the value of the property at which you live was reported to be .... This time you reported the value to be .... This represents a substantial change. What is the reason for the large difference? (ENTER ALL THAT APPLY OR ENTER (N) IF NO OTHERS)
RET10BRECN1a1	v		(1) Major repairs, alterations, additions, or improvements have since been made
RET10BRECN1a2	v		(2) Unit involved in disaster or partial demolition which changed the value
RET10BRECN1a3	v		(3) Sold or purchased land
RET10BRECN1a4	v		(4) Area has been much more developed
RET10BRECN1a5	v		(5) Area has had major disaster
RET10BRECN1a6	v		(6) Changes in economy
RET10BRECN1a7	v		(7) Rezoning
RET10BRECN1a8	v		(8) Previous (1995) response was wrong
RET10BRECN1a9	v		(9) Current (1997) response was wrong
RET10BRECN1a10	v		(10) Other response (SPECIFY)
RET10BRECN2	v VALUE2R		(1-999997) \$1-\$999,997 (999998) \$999,998 or more \$
RET10C	v VALUE3		What was the purchase price? (1-999997) \$1-\$999,997 (999998) \$999,998 or more \$

RET11A		Is this home currently for rent or sale? (1) yes (2) no						
RET11A@A	2923 b MARKET 4546	Is it for (READ ALL CATEGORIES) (1) Rent only? (2) Rent or for sale? (3) Sale only?						
RET11A@B	2925 b MARKET 4547							
RET12A		Is the ownership of the ... shared with anyone NOT living here? (1) yes (2) no						
RET12A@A	3180 b NROWNR 4548	Does anyone not living here pay some of the mortgage or utility costs? (1) yes (2) no						
RET12A@B	b NRPAYMB 4549							
*** REFERENCE SECTION ****								
RET1H	W	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; border-right: 1px dashed black;">IF</td> <td style="width: 50%; border-left: 1px dashed black;">ENTER</td> </tr> <tr> <td style="border-right: 1px dashed black;">Current occupant(s) was the first occupants of the sample unit.</td> <td style="border-left: 1px dashed black;">1</td> </tr> <tr> <td style="border-right: 1px dashed black;">The unit was previously occupied by someone not now in the household.</td> <td style="border-left: 1px dashed black;">2</td> </tr> </table> <p>For mobile homes, this refers to the mobile home, not the site</p>	IF	ENTER	Current occupant(s) was the first occupants of the sample unit.	1	The unit was previously occupied by someone not now in the household.	2
IF	ENTER							
Current occupant(s) was the first occupants of the sample unit.	1							
The unit was previously occupied by someone not now in the household.	2							
RET2AH	W	<p>Already Built - A person signs a contract with a developer to buy the "Gwynn" model that has already been built or is under construction on lot 68 of Mountain View Acres</p> <p>Sales Agreement - The person signs a contract with a developer to build the "Gwynn" model on lot 68, with or without the sunroom and finished basement options</p> <p>Contractor - The respondent hires/signs a contract with 1 principal person/firm to oversee and arrange for the majority of the work to be completed. (Also enter this category for modular and prefabricated home built on the person's own land.)</p> <p>Built it Yourself - The respondent actually did some or all of the work themselves or they performed the job of a general contractor. For example, the respondent was responsible for overseeing and arranging for all or part of the work to be done. For example, a person might sub-contract out the foundation electrical and plumbing but do the framing and/or finishing work themselves</p>						
RET4AH	W	Mark "yes" if the buyer, seller, or their representative made any inquiries inspected or tested the house for any of the conditions. Lead pipes and lead solder on cooper pipes refer only to water inlet (supply lines) not to waste water pipes						
RET6H	W	<p>RET6 refers to SOURCE of cash used for down payment or outright purchase of property (house and lot)</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; border-right: 1px dashed black;">IF.....</td> <td style="width: 50%; border-left: 1px dashed black;">Then</td> </tr> <tr> <td style="border-right: 1px dashed black;">The respondent mentions more than one source of down payment</td> <td style="border-left: 1px dashed black;">Ask which source provided the largest portion of the down payment or outright purchase</td> </tr> <tr> <td style="border-right: 1px dashed black;">The respondent says "something else"</td> <td style="border-left: 1px dashed black;">Probe to see if the source fits any of the specific categories before entering "other"</td> </tr> </table> <p style="text-align: center;">See manual for definitions of each category</p>	IF.....	Then	The respondent mentions more than one source of down payment	Ask which source provided the largest portion of the down payment or outright purchase	The respondent says "something else"	Probe to see if the source fits any of the specific categories before entering "other"
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RET7H	W	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; border-right: 1px dashed black;">Enter "1" (yes) if.....</td> <td style="width: 50%; border-left: 1px dashed black;">Enter "2" (No) if</td> </tr> <tr> <td style="border-right: 1px dashed black;">At least one of the owners or co-owners has ever owned or co-owned another home as his/her usual place of residence. "usual place of residence" is where a person usually lives and sleeps. A usual place of residence must be specific living quarters held by the person to which he/she is free to return at any time.</td> <td style="border-left: 1px dashed black;">the owner or co-owners of the sample unit has never owned or co-owned other homes as his/her usual residence Previous homes purchased solely as vacation homes or homes purchased for commercial or rental purposes are not to be considered usual residences However, if a previously owned home was originally purchased as</td> </tr> </table>	Enter "1" (yes) if.....	Enter "2" (No) if	At least one of the owners or co-owners has ever owned or co-owned another home as his/her usual place of residence. "usual place of residence" is where a person usually lives and sleeps. A usual place of residence must be specific living quarters held by the person to which he/she is free to return at any time.	the owner or co-owners of the sample unit has never owned or co-owned other homes as his/her usual residence Previous homes purchased solely as vacation homes or homes purchased for commercial or rental purposes are not to be considered usual residences However, if a previously owned home was originally purchased as		
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a usual residence and  
 later used as a vacation home or  
 for commercial or rental  
 purposes, consider the home as  
 being owned as a usual residence

Code	Type	Description
RET8BH	W	If the respondent has never thought of selling the land, ask whether there has been a similar property in the vicinity. If so, suggest the value of the land be estimated accordingly
RET10AH	W	Ask what the asking price would be if it were for sale or whether the respondent know of the sale of a similar property in the neighborhood. If so, suggest that the value of the property be estimated accordingly
RET10BH	W	Ask what the asking price would be if it were for sale, or whether the respondent knows of the sale of a similar property in the neighborhood. If so, suggest that the value of the property be estimated accordingly
RET10CH	W	<p>Purchase Price</p> <p>For purposes of this question, we are interested in the purchase price of the house/apartment at the time it was acquired. If the price given by the respondent includes furnishings, accept that amount as the purchase price</p> <p>Do Not include closing costs</p> <p>Closing costs are fees charged to</p> <p>Closing Costs accomplish the transfer of property from one person to another</p> <p>Do Not deduct as closing costs any money given as a good faith deposit or down payment if paid in advance as part of the purchase price</p>
RET11BH	W	If the unit is for sale as a cooperative, enter for "sale only" In a cooperative apartment building most units are offered for "sale only."
RET12AH	W	Shared ownership is two or more names on a deed or title Not Living Here means not a household member
RET12BH	W	Consider only payments designated for the purpose, whether paid directly to a mortgage or utility company, or to a household member



MORT1L	i	RAMFI		Is your loan Federally insured? (1) Yes (2) No (3) Don't know
MORT1M	i	RAMEVC		Does this loan have an eviction protection clause? (1) Yes (2) No (3) Don't know
MORT1N				What is the current interest rate? (Rounded down to the nearest 1/4 percent (0 = no fraction, 1 = 1/4 percent 2 = 1/2 percent, 3 = 3/4 percent) percent
MORT1N@1	I	RAMIRW		
MORT1N@2	I	RAMIRF		
MORT2A	i	MG	4552	Not counting Home Equity loans, is there a mortgage or any loans on this ...? (1) Yes (2) No
MORT2APR	v	MGP1		<b>**POSSIBLE PROBLEM**</b> Earlier you told me that someone not living here pays some of the mortgage or utility costs. Was that for the utility costs the mortgage, or both? (1) Previous answer to RET12b incorrect (2) Utility costs only (3) Mortgage costs only (4) Both utility and mortgage costs
MORT2AVER	v	MGP2		<b>**POSSIBLE PROBLEM**</b> Then there is a mortgage or other loan on this ... is that correct? (1) Yes - (CHANGE ANSWER IN MORT2A TO "YES") (2) No - (PROBE AS NECESSARY TO DETERMINE IF THERE IS A MORTGAGE)
MORT2B	3225 i	HEL	4553	Do you ... have a Home Equity loan or Home Equity line of credit? (1) Yes (2) No
MORT3A	i	REGMOR	4554	... many mortgages (or loans) are there now on the ...? (0) mortgages (1-7)
MORT3B	3210 i	SUBMOR	4555	Did you get your mortgage through a State or local government program that provides lower cost mortgages? (1) Yes (2) No
MORTA4A	3230 i	MATBUY	4556	Did you get the first mortgage the same year you bought your home? (1) Yes (2) No
MORTA4B	3240 i	NEWMOR	4557	With regard to the first mortgage, did you get a new mortgage or did you assume someone else's mortgage? (1) New (2) Assumed (3) Wrap around
MORTA4C	v	AMMORT1		How much was left to pay off when you assumed it? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORTA4D	I	TERM1	4558	How many years remained on the mortgage then? (1-40) Years

MORTA4E	3280 I YRMOR	4559	What year did you get the mortgage? (00-97) 1 Year
MORTA4F			When you first obtained THIS mortgage, how many years was it for? (1-40)
MORTA4F@A	3290 I TERM2	4560	Years
MORTA4F@X	i CANVAR	4561	Can Vary
MORTA4G	3300 I AMRTZ	4562	At your current payments, how long would it take to pay off the loan? (1-40) Years
MORTA4H	v AMMORT2		How much was borrowed? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORTA5			Does this mortgage cover-- (READ ANSWER CATEGORIES BELOW) (1) Yes (2) No
MORTA5@1	3320 i PINCOP	4563	Other homes or apartments besides this one?
MORTA5@2	3330 i MFARM	4564	Farm land?
MORTA5@3	3340 i MCOM	4565	A business on this property?
MORTA6	3350 I RESMOR	4566	How much of the ... applies just to your home? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORTA7			What is the current interest rate on the mortgage? (Rounded down to nearest 1/4 percent) (0 = no fraction, 1 = 1/4 percent 2 = 1/2 percent, 3 = 3/4 percent) percent
MORTA7@1	I INTW	4567	
MORTA7@2	i INTF	4568	
MORTA8	3380 I PMT	4569	What is the current monthly payment? (Include as much of PITI as they pay) (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MORTA9A			Besides principal and interest, does the payment include: (READ ANSWER CATEGORIES) (1) Yes (2) No
MORTA9A@1	3390 i TAXPMT	4570	Property taxes?
MORTA9A@2	3400 i INSPMT	4571	Homeowner's insurance?
MORTA9A@3	3410 i OTHPMT	4572	Anything else? (exclude anything already mentioned)
MORTA9B	3420 I AMTM	4573	How much were the other charges last year? (Exclude property tax and homeowner's insurance) (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORTA10	3430 i MORTIN	4574	Is the mortgage an FHA, VA, Farmers Home Administration Mortgage or some other type? (1) FHA (2) VA (3) Farmer's Home Administration Mortgage (4) Some other type
MORTA11	3440 i BANK	4575	Did you borrow money from a bank or other organization OR did you borrow it from an individual? (1) Bank or Organization (2) Individual
MORTA12	3450 i SELL	4576	Was that the former owner of the home? (1) Yes (2) No

MORTA13	3460	i VARY	4577	Are the payments on this loan the same during the whole length of the mortgage? (1) Yes (2) No
MORTA14				How do they change? Mark (x) all the apply
MORTA14a1	3470	i FIXED	4578	1 Change in taxes or insurance, or due to decline in principle balance
MORTA14a2	3470	i ARM	4579	2 Change based on interest rates
MORTA14a3	3470	i GPM	4580	3 Rise at fixed schedule during part of loan
MORTA14a4	3470	i GPMW	4581	4 Rise at fixed schedule during whole length of loan
MORTA14a5	3470	i BLOON	4582	5 Last payment biggest
MORTA14a7	3470	i VARM	4583	7 Other, specify
MORTA14ASK1		i ARMASK	4584	Do they change for any other reason? (1) Yes (2) No
MORTA14ASK5	3480	i LOON	4585	Of the total amount you borrowed, what percentage will have to be paid off in this last payment? (1) 1-25 percent (2) 26-50 percent (3) 51-75 percent (4) 76-100 percent
MORTB4A	3230	i MATBY2	4586	Did you get the second mortgage the same year you bought your home? (1) Yes (2) No
MORTB4B	3240	i NEWMR2	4587	With regard to the second mortgage, did you get a new mortgage or did you assume someone else's mortgage? (1) New (2) Assumed (3) Wrap around
MORTB4C		v AMMRT12		How much was left to pay off when you assumed it? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORTB4D		I TERM12	4588	How many years remained on the mortgage then? (1-40) Years
MORTB4E	3280	I YRMOR2	4589	What year did you get the mortgage? (00-97) 1 Year
MORTB4F				When you first obtained THIS mortgage, how many years was it for? (1-40)
MORTB4FaA		I TERM22	4590	Years
MORTB4FaX		i CANVAR2	4591	Can Vary
MORTB4G	3300	I AMRTZ2	4592	At your current payments, how long would it take to pay off the loan? (1-40) Years
MORTB4H		v AMMRT22		How much was borrowed? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORTB5				Does this mortgage cover-- (READ ANSWER CATEGORIES BELOW) (1) Yes (2) No
MORTB5a1	3320	i PINCO2	4593	Other homes or apartments besides this one?
MORTB5a2	3330	i MFARM2	4594	Farm land?
MORTB5a3	3340	i MCOM2	4595	A business on this property?
MORTB6	3350	I RESMR2	4596	How much of the ... applies just to your home? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00

MORTB7				What is the current interest rate on the mortgage? (Rounded down to nearest 1/4 percent) (0 = no fraction, 1 = 1/4 percent 2 = 1/2 percent, 3 = 3/4 percent) percent
MORTB7a1	I INTW2	4597		
MORTB7a2	i INTF2	4598		
MORTB8	3380 I PMT2	4599		What is the current monthly payment? (Include as much of PITI as they pay) (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MORTB9A				Besides principal and interest, does the payment include (READ ANSWER CATEGORIES) (1) Yes (2) No
MORTB9Aa1	3390 i TXPMT2	4600		Property taxes?
MORTB9Aa2	3400 i INPMT2	4601		Homeowner's insurance?
MORTB9Aa3	3410 i OTPMT2	4602		Anything else? (exclude anything already mentioned)
MORTB9B	3420 I AMTM2	4603		How much were the other charges last year? (Exclude property tax and homeowner's insurance) (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORTB10	3430 i MORTN2	4604		Is the mortgage an FHA, VA, Farmers Home Administration Mortgage or some other type? (1) FHA (2) VA (3) Farmer's Home Administration Mortgage (4) Some other type
MORTB11	3440 i BANK2	4605		Did you borrow money from a bank or other organization OR did you borrow it from an individual? (1) Bank or Organization (2) Individual
MORTB12	3450 i SELL2	4606		Was that the former owner of the home? (1) Yes (2) No
MORTB13	3460 i VARY2	4607		Are the payments on this loan the same during the whole length of the mortgage? (1) Yes (2) No
MORTB14				How do they change? Mark (x) all the apply
MORTB14a1	3470 i FIXED2	4608		1 Change in taxes or insurance, or due to decline in principle balance
MORTB14a2	3470 i ARM2	4609		2 Change based on interest rates
MORTB14a3	3470 i GPM2	4610		3 Rise at fixed schedule during part of loan
MORTB14a4	3470 i GPMW2	4611		4 Rise at fixed schedule during whole length of loan
MORTB14a5	3470 i BLOON2	4612		5 Last payment biggest
MORTB14a7	3470 i VARM2	4613		7 Other, specify
MORTB14ASK1	i ARMASK2	4614		Do they change for any other reason? (1) Yes (2) No
MORTB14ASK5	3480 i LOON2	4615		Of the total amount you borrowed, what percentage will have to be paid off in this last payment? (1) 1-25 percent (2) 26-50 percent (3) 51-75 percent (4) 76-100 percent
MORTC15A	3490 I AMMRT3	4616		For the third mortgage, how much did you borrow? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00

MORTC15B	3500 I PMT3	4617	What is your current monthly payment for the third mortgage? (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MORTD15A	I AMMRT4	4618	For the other mortgages, how much did you borrow? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORTD15B	I PMT4	4619	What is your current monthly payment for the other mortgages? (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MORT16A	I HENUM	4620	How many home equity loans do you have? (1-100) Loans
MORT16B1	I HETYP1	4621	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 it a line of credit, or lump sum? (1) Line of credit (2) Lump sum
MORT16C1	I HECR1	4622	What is your total credit limit on your ... home equity loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORT16D1	I HELMP1	4623	How much was the lump sum ... (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORT16E1	i HEBAL1	4624	Do you now have an outstanding loan borrowed against ... (1) Yes (2) No
MORT16F1	I HEBAM1	4625	What is your current (outstanding) balance ... (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORT16G1			What is the current interest rate ... (Round down to nearest 1/4 percent) (0 = no fraction, 1 = 1/4 percent 2 = 1/2 percent, 3 = 3/4 percent) percent
MORT16G1@1	I HEINW1	4626	
MORT16G1@2	I HEINF1	4627	
MORT16H1	I HEPMT1	4628	What was your last monthly payment? (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MORT16B2	i HETYP2	4629	What kind of home equity loan is the second loan? Is it a line of credit, or lump sum? (1) Line of credit (2) Lump sum
MORT16C2	I HECR2	4630	What is your total credit limit on your second home equity loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORT16D2	I HELMP2	4631	How much was the lump sum on the second loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00

MORT16E2	i	HEBAL2	4632	Do you now have an outstanding loan borrowed against the second loan? (1) Yes (2) No
MORT16F2	I	HEBAM2	4633	What is your current (outstanding) balance on the second loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORT16G2				What is the current interest rate on the second loan? (Round down to nearest 1/4 percent) (0 = no fraction, 1 = 1/4 percent 2 = 1/2 percent, 3 = 3/4 percent) percent
MORT16G2a1	I	HEINW2	4634	
MORT16G2a2	I	HEINF2	4635	
MORT16H2	I	HEPMT2	4636	What was your last monthly payment on the second loan? (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MORT16B3	i	HETYP3	4637	What kind of home equity loan is the third loan? Is it a line of credit, or lump sum? (1) Line of credit (2) Lump sum
MORT16C3	I	HECR3	4638	What is your total credit limit on your third home equity loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORT16D3	I	HELMP3	4639	How much was the lump sum on the third loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORT16E3	i	HEBAL3	4640	Do you now have an outstanding loan borrowed against the third loan? (1) Yes (2) No
MORT16F3	I	HEBAM3	4641	What is your current (outstanding) balance on the third loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MORT16G3				What is the current interest rate on the third loan? (Round down to nearest 1/4 percent) (0 = no fraction, 1 = 1/4 percent 2 = 1/2 percent, 3 = 3/4 percent) percent
MORT16G3a1	I	HEINW3	4642	
MORT16G3a2	I	HEINF3	4643	
MORT16H3	I	HEPMT3	4644	What was your last monthly payment on the third loan? (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MORT1BH	W			Do NOT include deferred payment rehabilitation loans or elderly tax deferral loans that do not give cash payments
MORT2AH	W			Enter "1" (yes) if there is such a loan outstanding on the property Most of the time if there is a debt on the property, it will be a mortgage, or in certain states, a deed of trust. Occasionally, you will come across a person whose right to occupy a property is authorized by a contract to purchase. This is also to be regarded as a mortgage Enter "2" (no) if the reference person or someone in the household owns the property (house and lot) outright with no mortgage or loan outstanding on the property. In a few areas of the United States, the homeowner may indicate that the land on which the house is located is not owned; the land is rented or leased from the land owner and "ground rent" is paid. In these cases, if there is not mortgage or loan on the structure, enter "2" (no)

MORT3AH	W	We are interested in "mortgages" and similar loans currently in effect Mobile homes - If there are separate loans for the mobile home and for the land, enter 2 Mortgage - See manual for definition
MORT3BH	W	These are loans generally one to three percent below the current mortgage interest rate at the time the loan is made These loans are managed through state or local governments and financed from the proceeds from mortgage revenue bonds The borrower makes application through the lending institution (bank, etc.) after the instruments have been publicly advertised, and these are made on a first-come first-serve basis. An example would be loans for first-time home buyers Exclude federally funded VA programs
MORT4AH	W	"Year" means the calendar year the home was purchased
MORT4BH	W	Enter the type of mortgage the respondent has. DO NOT probe for this item. For example, if the respondent states "wrap around" enter the code for that answer. Do not probe 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
MORT4CH	W	Enter the amount of the principal at the time the loan was assumed
MORT4DH	W	Enter the number of years it would have taken to repay the loan from the time of assumption according to the terms of the contract
MORT4FH	W	Enter the number of years from the date the new owners first obtained the present mortgage to the date the last payment is due according to the terms of the contract
MORT4GH	W	Some mortgages have a short original term (e.g., 5 or 10 years) but with a payment schedule amortized over a longer time period (e.g., 25 or 30 years). The difference is handled by a balloon payment at the end of the term. This affords the borrower a low payment schedule during the first year of ownership with the ability to refinance or pay off the loan at the end of the term The answer to this question should reflect the entire amortization schedule and not the number of years remaining if the current monthly payments were maintained. For example, a couple buys a house borrowing \$40,000 on a 5 year note with a "balloon" payment on the end, but the monthly mortgage payment reflects the \$40,000 amortized over a 30 year (rather than a 5 year) period If the current monthly payments were maintained, it would take 30 years to pay off the note
MORT4HH	W	Enter the amount of the principal borrowed
MORT5H	W	Be sure the respondent understands that you want to know if the mortgage amount reported includes: 1) other homes or apartments, 2) farm land or 3) a business on the property. If the above property is included in the mortgage, enter "1" (yes). If mortgage payments for other properties are paid separately or there are no other homes or land, enter "2" (No)
MORT6H	W	Enter the dollar portion of the original amount borrowed that applies to the sample unit only, excluding any amount covering other residential or nonresidential portions Record the applicable amount required payments rounded to the nearest dollar. If the respondent does not know the exact amount, an approximate figure will do

MORT7H	W	"Current" Defined - Relatively recent financial developments have allowed interest rates on mortgage instruments to vary if the contract was so established. Determine the interest rate in effect as of the date of interview, not the rate when the mortgage was made, nor any imminent changes of which the respondent may be aware. If the last payment under the old schedule has been made, and the next payment will reflect a revised rate, report the rate for the next payment. If the household has been notified of rate revisions, but the last payment under the old schedule has not been made, report the old rate which is still in effect
MORT8H	W	The payment recorded should be the one in effect as of the date of interview. The amount recorded should be the total monthly payment for the mortgage referenced earlier even if several units are included in that mortgage amount
MORT9AH	W	For this question, "anything else" may include insurance premiums for disability insurance, life insurance, etc
MORT10H	W	See manual for definitions
MORT11H	W	Other organizations can consist of mortgage corporations pension plans, credit unions, saving and loans, etc
MORT12H	W	Enter "1" (yes) if the lender was also the individual from whom the home was purchased. If the individual lending the money had owned or co-owned the home at one time, but was not the most recent owner, enter "2" (no)
MORT13H	W	If the respondent asks, payment on the loan should include only regular principal and interest payments not changes which may be caused by increased escrow estimates for insurance and taxes. If the respondent does not ask what should be included, however, the next question (MORT14) is designed to capture erroneous reporting
MORT14H	W	Enter "2" for an Adjustable Rate Mortgage (ARM) or a Variable Rate Mortgage (VRM) Enter "5" if the mortgage has a balloon payment Other types of mortgages such as Graduated Payment Mortgages (GPMs) or mortgages "bought down" by the seller may fit different answer categories depending on the terms of the individual loan If as respondent mentions the mortgage type by name, probe to determine how the payments change unless the mortgage is an ARM or VRM or has a balloon payment
MORT15AH	W	The instructions for this item are similar to those asked for first and second mortgages, except we are now asking for third or other mortgages. If there are more than three mortgages, sum the remaining debt as of the date they were originated or assumed by the owners. These debts, as with the first two "mortgages", must be secured by the property

HCST1A_AMTX	B AMTXQ		What were the real estate taxes last year for ... .. unit? (INCLUDE SCHOOL TAXES, SPECIAL ASSESSMENTS, AND ANY OTHER REAL ESTATE TAXES. EXCLUDE TAXES PAST DUE FROM OTHER YEARS.) On the mobile home and its lot last year, what was the total cost of property and real estate taxes, registration fees, and license fees? (INCLUDE SCHOOL TAXES, SPECIAL ASSESSMENTS, AND ANY OTHER REAL ESTATE TAXES. EXCLUDE TAXES PAST DUE FROM OTHER YEARS.) What were the real estate taxes last year for ... .. and its land? (IF MULTI-UNIT BUILDING, ESTIMATE SHARE FOR SAMPLE UNIT. INCLUDE SCHOOL TAXES, SPECIAL ASSESSMENTS, AND ANY OTHER REAL ESTATE TAXES.) (EXCLUDE TAXES PAST DUE FROM OTHER YEARS.) (0) None (1-99997) \$1-\$99,997 (99998) \$99,998 or more
HCST1B_TXRE	b TXRE	4645	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? (1) Yes (2) No
HCST1C_AMTXRE	B AMTXRE		What was the amount of the property tax rebate? (1-99997) \$1-\$99,997 (99998) \$99,998 or more
HCST2A_IFFEE1	v IFFEE1		Is there a required ... association fee? (1) Yes (2) No
HCST2B_CAMF1	v CAMF1		How many times a year is the fee due? *** Enter "12" if monthly *** (1-52) 1-52 times per year (53) 53 times or more
HCST2C_CONFEE1	v CONFEE1		What is the average cost each ...? (1-9997) \$1-\$9,997 (9998) \$9,998 or more
HCST3A_MOBMOV	b MOBMOV	4646	Is ... mobile home to remain where it is, or is it to be moved? (1) Remain (2) To be moved
HCST3B_OWNLAN	b OWNLAN	4647	... own the land? (1) Yes (2) No
HCST3C_INC1	v INC1		... pay separate rent for the land? (1) Yes (2) No
HCST3D_FLRENT1	v FLRENT1		How many times a year is the land/site rent due? *** Enter "12" is monthly *** (1-52) 1-52 times per year (53) 53 times or more
HCST3E_LRENT1	v LRENT1		What is the cost each ...? (0) No cash rent (1-9995) \$1-\$9,995 (9996) \$9,996 or more (9997) Include in mobile home park fee or association fee
HCST4A_IFFEE2	v IFFEE2		... .. pay any ... mobile home park fee? (1) Yes (2) No
HCST4B_CAMF2	v CAMF2		How many times a year is the fee due? *** Enter "12" if monthly *** (1-52) 1-52 times per year (53) 53 times or more

HCST4C_CONFEE2	v	CONFEE2		What is the average cost each ...? (1-9997) \$1-\$9,997 (9998) \$9,998 or more
HCST5A_IFOTHF1	v	IFOTHF1		Are there any ... required fees for utility hookups, mobile home association fees, and so forth? (1) Yes (2) No
HCST5B_FMHOTF1	v	FMHOTF1		How many times a year are the fees due? *** Enter "12" if monthly *** (1-52) 1-52 times per year (53) 53 times or more
HCST5C_MHOTFE1	v	MHOTFE1		What is the average cost each ... for those fees? (1-997) \$1-\$997 (998) \$998 or more
HCST6A_OWNL0T	3610 b	INCS	4648	In some parts of the country people own their homes but rent the land ... pay rent for the land? (1) Yes (2) No
HCST6B_LANPMT	3620 b	LANPMT	4649	Is the land rent included with the mortgage payment? (1) Yes (2) No
HCST6C_FLRENT2	v	FLRENT2		How many times a year is the land rent due? *** Enter "12" if monthly *** (1-52) 1-52 times per year (53) 53 times or more
HCST6D_LRENT2	v	LRENT2		What does it cost each ...? (1-9997) \$1-\$9,997 (9998) \$9,998 or more
HCST7A_BUY11	v	BUY11		Does this household have homeowner's insurance? (1) Yes (2) No
HCST7B_AMT11	v	AMT11		In the last 12 months what was the total cost? (1-9997) \$1-\$9,997 (9998) \$9,998 or more
HCST8A_FRENT	2500 B	FRENT	4650	How often is the rent ... due? *** Enter "12" if monthly *** (1-52) 1-52 times per year (53) 53 times or more
HCST8B_RENT	2510 B	RENT	4651	*** IF PARKING PRICED SEPARATELY, EXCLUDE IT HERE *** (2-29997) \$2-\$29,997 (29998) \$29,998 or more
HCST8C_VACVAC	2485 b	VACVAC	4652	Is ... for vacation or other short-term use? (1) Yes (2) No
HCST9A_INC2	v	INC2		... separate rent for the land? (1) Yes (2) No
HCST9B_FLRENT3	v	FLRENT3		How many times a year is the land/site rent due? *** Enter "12" is monthly *** (1-52) 1-52 times per year (53) 53 times or more
HCST9C_LRENT3	v	LRENT3		What is the cost each ...? (0) No cash rent (1-9996) \$1-\$9,996 (9997) Include in mobile home park fee or association fee (9998) \$9,998 or more

HCST10A_IFFEE3	v	IFFEE3	...	... any ... mobile home park fee? (1) Yes (2) No
HCST10B_CAMF3	v	CAMF3	How many times a year is the fee due? *** Enter "12" if monthly *** (1-52) 1-52 times per year (53) 53 times or more	
HCST10C_CONFEE3	v	CONFEE3	What is the cost each ...? (1-9996) \$1-\$9,996 (9997) Include in mobile home rent (9998) \$9,998 or more	
HCST11A_IFOTF2	v	IFOTHF2	*Are there any ... required fees for utility hookups, mobile home association fees, and so forth? (1) Yes (2) No	
HCST11B_FMHOTF2	v	FMHOTF2	How many times a year are the fees due? *** Enter "12" if monthly *** (1-52) 1-52 times per year (53) 53 times or more	
HCST11C_MHOTFE2	v	MHOTFE2	What is the average cost each ... for those fees? (1-997) \$1-\$997 (998) \$998 or more	
HCST12A_RENEW	b	RENEW 4653	As a part of your rental agreement, ... need to answer questions about ... income whenever your lease is up for renewal? (1) Yes (2) No	
HCST12B_REPHA	b	REPHA 4654	To whom ... report ... income ***READ THESE CATEGORIES TO THE RESPONDENT*** (1) A building manager or landlord? (2) A public housing authority or a state or local housing agency? (3) Or, someone else? Specify (4) Don't know ***DO NOT READ THIS ONE TO THE RESPONDENT***	
HCST12C_SUBRNT	b	SUBRNT 4655	... pay a lower rent because the government is paying part of the cost of the unit? (1) Yes (2) No (3) Don't know	
HCST12D_OWNPFA	b	OWNPFA 4656	Is the building owned by a public housing authority? (1) Yes (2) No (3) Don't know	
HCST12E_APPLY	b	APPLY 4657	How did ... come to live here? Did ... apply on ... to the management here, OR did an agency, such as public housing authority assign this address to ...? (1) Applied to management on own (2) Assigned to specific address	
HCST12F_VCHER	b	VCHER 4658	Did a public housing authority, or some similar agency, give you a CERTIFICATE or VOUCHER to help pay the rent for this ...? (1) Yes (2) No	
HCST12G_LMTRNT	b	LMTRNT 4659	Does the government limit the rent on the unit through rent control or rent stabilization? (1) Yes (2) No	

HCST13A_WKOWN	b	WKOWN	4660	Does anyone in the household work for the owner, or is anyone related to the owner? (1) Yes (2) No
HCST13B_RNTADJ	2590 b	RNTADJ	4661	Is the rent adjusted because someone in the household works for or is related to the owner? (1) Yes (2) No
HCST13C_HHPAY	B	HHPAY	4662	Of the \$... rent you reported, how much is this household required to pay? FR: MARK (None) WITHOUT ASKING IF NO CASH RENT (0) None (1-9997) \$1-\$9,997
HCST13CPROB	v	HHPAYP		*** POSSIBLE PROBLEM *** The total amount for the rent for this ... is the same amount that you are required to pay, is this correct? (1) No, ... is incorrect (2) No, ... is incorrect (3) Yes, both are correct
HCST14A_PROJ	2540 b	PROJ	4663	Is the building owned by the public housing authority? (1) Yes (2) No
HCST14B_SUBLOC	2560 b	SUBLOC	4664	Does the Federal, State, or local government pay some of the cost of the unit? (1) Yes (2) No
HCST14C_RCNTRL	2580 b	RCNTRL	4665	Does the local government limit the rent on the unit through rent control or rent stabilization? (1) Yes (2) No
HCST15A_BUY12	v	BUY12		Does this household have household property insurance? (1) Yes (2) No
HCST15B_AMT12	v	AMT12		In the past 12 months what was the total cost? (1-9997) \$1-\$9,997 (9998) \$9,998 or more
HCST16A				... billed for (1) Yes (2) No
HCST16A@BUYT2A	v	BUYT2A		(1) Garbage and trash collection?
HCST16A@BUYW2A	v	BUYW2A		(2) Water and sewage disposal?
HCST16B				... pay separately for (1) Yes (2) No, included in rent (3) Not used
HCST16B@BUYE2	4340 b	BUYE2	4666	(1) Electricity?
HCST16B@BUYG2	4350 b	BUYG2	4667	(2) Gas?
HCST16B@BUYO2	4360 b	BUYO2	4668	(3) Fuel Oil?
HCST16B@BUYF2	4370 b	BUYF2	4669	(4) Any other fuel?
HCST16B@BUYT2B	v	BUYT2B		(5) Garbage and trash collection?
HCST16B@BUYW2B	v	BUYW2B		(6) Water supply and sewage disposal?
HCST17INTRO	w			Now I have some questions about the cost for electricity, gas, and other utilities for your home (this unit). Because accurate costs are important it will help if you would look up the amounts in your records, such as a checkbook ... NOTE TO INTERVIEWERS: If 2 or more utilities are billed together try to obtain the costs for each one separately
HCST17A_RECELE	v	RECELE		Do you have any of these records available showing your costs for electricity, SEPARATE FROM OTHER UTILITIES? Can you please get them now? Note: Mark "No" if records available, but separate costs not shown (1) Yes (2) No

HCST17B				From your records, what were the costs for electricity for the months of ...?
				(1) Electricity not used
				(2) Included in rent, site rent, condominium or other fee, etc
				(3) Obtained free
				(D) Don't know exact cost
				(4-997) \$4-\$997
				(998) \$998 or more
HCST17B@EJAN97	v	EJANCY		January 1997
HCST17B@EAPR97	v	EAPRCY		April 1997
HCST17B@EAUG96	v	EAUGPY		August 1996
HCST17B@EAUG97	v	EAUGCY		August 1997
HCST17B@EDEC96	v	EDECPY		December 1996
HCST17C_AMTE	3670 B	AMTE	4670	In the past 12 months what was the average MONTHLY cost for electricity
				(1) Electricity not used
				(2) Included in rent, site rent, condominium or other fee, etc
				(3) Obtained free
				(D) Don't know exact cost
				(4-997) \$4-\$997
				(998) \$998 or more
HCST18A_USEGAS	b	USEGAS	4671	Note to interviewer: If all electric home, mark "No" without asking Do you use gas?
				(1) Yes
				(2) No
HCST18B_GASPIP	3720 b	GASPIP	4672	Is the gas from underground pipes or bottled gas?
				(1) Underground pipes serving neighborhood
				(2) Bottled gas
HCST18C_RECGAS	v	RECGAS		Do you have any records available showing your costs for gas, SEPARATE FROM OTHER UTILITIES?
				Note: Mark "No" if records available, but separate costs not shown
				(1) Yes
				(2) No
HCST18D				From your records, what were the costs for gas for the months of ...?
				(2) Included in rent, site rent, condominium or other fee, etc
				(3) Obtained free
				(D) Don't know exact cost
				(4-997) \$4-\$997
				(998) \$998 or more
HCST18D@GJAN97	v	GJANCY		January 1997
HCST18D@GAPR97	v	GAPRCY		April 1997
HCST18D@GAUG96	v	GAUGPY		August 1996
HCST18D@GAUG97	v	GAUGCY		August 1997
HCST18D@GDEC96	v	GDECPY		December 1996
HCST18E_AMTG	3690 B	AMTG	4673	In the past 12 months what was the average MONTHLY cost for gas?
				(2) Included in rent, site rent, condominium or other fee, etc
				(3) Obtained free
				(D) Don't know exact cost
				(4-997) \$4-\$997
				(998) \$998 or more
HCST18EDK_BILLG	v	BILLG		*** ENTER APPROPRIATE CODE BELOW FOR "DON'T KNOW" ANSWER ***
				(1) Billed separately
				(2) Billed with other utilities
HCST18F				*** ENTER APPROPRIATE CODE WITHOUT ASKING IF POSSIBLE ***
				AVERAGE MONTHLY COST FOR GAS IS BILLED WITH
				*** MARK (X) ALL THAT APPLY ***
HCST18F@BILLGE	3710 b	BILLGE	4674	Electricity
HCST18F@BILLGF	3710 b	BILLGF	4675	Fuel oil
HCST18F@BILLGO	3710 b	BILLGO	4676	Other fuel
HCST18F@BILLGT	3710 b	BILLGT	4677	Garbage and trash
HCST18F@BILLGW	3710 b	BILLGW	4678	Water and sewage

HCST19A_AMTO	3730 B AMTO	4679	The next questions ask about the YEARLY cost of other utilities you might use From ... to ..., what was the total cost for fuel oil? (1) Not used (2) Included in rent, site rent, condominium or other fee, etc (3) Obtained free (D) Don't know cost (4-9997) \$4-\$9,997 (9998) \$9,998 or more
HCST19ADK_BILLO	b BILLO	4680	*** ENTER APPROPRIATE CODE BELOW FOR "DON'T KNOW" ANSWER *** (1) Billed separately (2) Billed with other utilities
HCST19B			*** ENTER APPROPRIATE CODE WITHOUT ASKING IF POSSIBLE *** AVERAGE MONTHLY COST FOR FUEL OIL IS BILLED WITH *** MARK (X) ALL THAT APPLY ***
HCST19B@BILLOE	3750 b BILLOE	4681	Electricity
HCST19B@BILLOG	3750 b BILLOG	4682	Gas
HCST19B@BILLOF	3750 b BILLOF	4683	Other fuel
HCST19B@BILLOT	3750 b BILLOT	4684	Garbage and trash
HCST19B@BILLOW	3750 b BILLOW	4685	Water and sewage
HCST20A_AMTF	3760 B AMTF	4686	From ... to ..., what was the total ANNUAL cost for wood, coal, kerosene or any other fuel? (1) Not used (2) Included in rent, site rent, condominium or other fee, etc (3) Obtained free (D) Don't know cost (4-9997) \$4-\$9,997 (9998) \$9,998 or more
HCST20ADK_BILLF	b BILLF	4687	*** ENTER APPROPRIATE CODE BELOW FOR "DON'T KNOW" ANSWER *** (1) Billed separately (2) Billed with other utilities
HCST20B			*** ENTER APPROPRIATE CODE WITHOUT ASKING IF POSSIBLE *** AVERAGE MONTHLY COST FOR WOOD, COAL, KEROSENE, OR ANY OTHER FUEL IS BILLED WITH *** MARK (X) ALL THAT APPLY ***
HCST20B@BILLFE	3780 b BILLFE	4688	Electricity
HCST20B@BILLFF	b BILLFF	4689	Gas
HCST20B@BILLFO	3780 b BILLFO	4690	Fuel oil
HCST20B@BILLFT	3780 b BILLFT	4691	Garbage and trash
HCST20B@BILLFW	3780 b BILLFW	4692	Water and sewage
HCST21A_AMTT	3790 B AMTT	4693	From ... to ..., what was the total cost for garbage and trash collection? (1) Not used (2) Included in rent, site rent, condominium or other fee, etc (3) Obtained free (D) Don't know cost (4-9997) \$4-\$9,997 (9998) \$9,998 or more
HCST21ADK_BILLT	b BILLT	4694	*** ENTER APPROPRIATE CODE BELOW FOR "DON'T KNOW" ANSWER *** (1) Billed separately (2) Billed with other utilities
HCST21B			*** ENTER APPROPRIATE CODE WITHOUT ASKING IF POSSIBLE *** AVERAGE MONTHLY COST FOR GARBAGE AND TRASH COLLECTION IS BILLED WITH *** MARK (X) ALL THAT APPLY ***
HCST21B@BILLTE	3810 b BILLTE	4695	Electricity
HCST21B@BILLTG	3810 b BILLTG	4696	Gas
HCST21B@BILLTO	3810 b BILLTO	4697	Fuel oil
HCST21B@BILLTF	3810 b BILLTF	4698	Other fuel
HCST21B@BILLTW	3810 b BILLTW	4699	Water and sewage

HCST22A\_AMTW 3820 B AMTW 4700 From ... to ..., what was the total cost for water supply and sewage disposal?  
 (2) Included in rent, site rent, condominium or other fee, etc  
 (3) Obtained free  
 (D) Don't know cost  
 (4-9997) \$4-\$9,997  
 (9998) \$9,998 or more

HCST22ADK\_BILLW b BILLW 4701 \*\*\* ENTER APPROPRIATE CODE BELOW FOR "DON'T KNOW" ANSWER \*\*\*  
 (1) Billed separately  
 (2) Billed with other utilities

HCST22B \*\*\* ENTER APPROPRIATE CODE WITHOUT ASKING IF POSSIBLE \*\*\*  
 AVERAGE MONTHLY COST FOR WATER SUPPLY AND SEWAGE DISPOSAL IS BILLED WITH

\*\*\* MARK (X) ALL THAT APPLY \*\*\*  
 HCST22B@BILLWE 3840 b BILLWE 4702 Electricity  
 HCST22B@BILLWG 3840 b BILLWG 4703 Gas  
 HCST22B@BILLWO 3840 b BILLWO 4704 Fuel oil  
 HCST22B@BILLWF 3840 b BILLWF 4705 Other fuel  
 HCST22B@BILLWT 3840 b BILLWT 4706 Garbage and trash

HCST23A\_EMPLOY d EMPLOY 4707 ... .. an employee of the household?  
 (1) Yes  
 (2) No

HCST23B\_LODSTAT d LODSTAT 4708 On a regular basis, ... .. pay a fixed amount as a lodger to someone in this household?  
 (1) Yes  
 (2) No

HCST23C\_RNTDUE 3900 D RNTDUE 4709 How often is this amount due?  
 \*\*\* Enter "12" if monthly \*\*\*  
 (1-52) 1-52 times per year  
 (53) 53 times or more

HCST23D\_LODRNT 3910 D LODRNT 4710 How much is this amount?  
 (1-9997) \$1-\$9,997  
 (9998) \$9,998 or more

HCST23E\_FOOD 3920 d FOOD 4711 Does that include meals?  
 (1) Yes  
 (2) No

HCST23F ... .. contribute on a regular basis to the household costs for:  
 \*\*\* MARK (X) ALL THAT APPLY \*\*\*

HCST23F@HHUTFU d HHUTFU 4712 utilities or fuels?  
 HCST23F@HHMORT d HHMORT 4713 the mortgage or rent?  
 HCST23F@HHFOOD d HHFOOD 4714 household groceries?  
 HCST23F@HHOTH d HHOTH 4715 anything else?

INC_INTRO	W		One of the main housing problems today is the total cost of housing compared to income. The next few questions are about income
INC1A	b INCFM	4716	During the past 12 months did sales of crops, livestock, and other farm products from this place amount to \$1,000 or more? (1) Yes (2) No
INC1B	D SALQ	4717	In the past 12 months, how much did ... earn in wages, salaries, tips, and commissions before deductions? (IF DON'T KNOW, ASK FOR BEST ESTIMATE) (0) None (1,999997) \$1-\$999,997 (999998) \$999,998 or more \$ .00
INCHHROS			HOUSEHOLD ROSTER LN NAME
INC2A			In the past 12 months did-... Enter (1) YES (2) NO
INC2Aa1	b QBUS1	4718	Have a business, farm or ranch?
INC2Aa2	b QSS1	4719	Receive Social Security/pensions? Have interest from savings, money market funds, IRA's, CDs, other?
INC2Aa3	b QINT1	4720	market funds, IRA's, CDs, other?
INC2Aa4	b QDIV1	4721	Have dividends from stocks? In the past year, did ...
INC2Aa5	b QRENT1	4722	receive rental income?
INC2Aa6	b QWELF1	4723	Receive SSI/AFDC/other welfare?
INC2Aa7	b QALIM1	4724	Receive alimony/child support? Receive worker's compensation or other disability payment?
INC2Aa8	b QWKCMP1	4725	other disability payment? Receive unemployment compensation veterans's payments not already mentioned or any other income?
INC2Aa9	b QOTHER1	4726	mentioned or any other income?
INC2B	B VOTHERQ		FR: IF THERE ARE ANY LOSSES, ENTER THE DOLLAR AMOUNT ON THIS SCREEN In the past 12 months, what was the total income from: (0-999997) \$0 - \$999,997 (999998 or more) \$999,998 or more \$ .00
INC2BGL	b GNLOSSQ	4727	Is that amount a total gain or a total loss? (1) Gain (2) Loss
INC2BVER	b DUPINCP		*** POSSIBLE PROBLEM-ASK:*** Earlier you mentioned that ... earned \$ ... during the past 12 months in wages, salaries tips, and commissions before deductions. Is this correct, or is this amount from the same source that you just reported, that is from: IF DUPLICATE AMOUNTS IN INC2A AND INC1B, PROBE TO FIND OUT WHICH IS CORRECT (1) yes, DUPLICATE amount reported (2) no, amounts reported are not duplicates
INC2C	4242 b QMEN	4728	We want to make sure we've included ... In the past 12 months, did ... have any income not already mentioned? (1) Yes (2) No
INC2C1			What type of income? (MARK (X) ALL THAT APPLY) Probe: Anything else?
INC2C1a0	b SALMS		Wages, salaries, tips, commissions
INC2C1a1	b QBUS2	4729	Business, farm or ranch?
INC2C1a2	b QSS2	4730	Social Security or pensions? Interest from savings accounts, money market funds IRA's, certificates of deposit or other interest bearing accounts?
INC2C1a3	b QINT2	4731	Dividends from stocks?
INC2C1a4	b QDIV2	4732	Rental income
INC2C1a5	b QRENT2	4733	SSI, AFDC or other forms of welfare?
INC2C1a6	b QWELF2	4734	

INC2C1a7 b QALIM2 4735 Alimony or child support?  
 INC2C1a8 b QWKCMP2 4736 Worker's compensation or other disability payments?  
 INC2C1a9 b QOTHER2 4737 Unemployment compensation, any veterans' payments not  
 already mentioned or any other income?

WAGES WAGES & SALARIES  
 LN NAME INCOME

INC2C2 Whose wages and salaries was  
 that? How much was that?  
 Probe: Anyone else?  
 ENTER (N) FOR NO MORE  
 LINE NO ADDITION TO  
 FOR CHANGE AMT.REPORTED

INC2C2aLN1 B INCLN1 4738  
 INC2C2aAMT1 B SALMS1 4739  
 INC2C2aLN2 B INCLN2 4740  
 INC2C2aAMT2 B SALMS2 4741  
 INC2C2aLN3 B INCLN3 4742  
 INC2C2aAMT3 B SALMS3 4743  
 INC2C2aLN4 B INCLN4 4744  
 INC2C2aAMT4 B SALMS4 4745  
 INC2C2aLN5 B INCLN5 4746  
 INC2C2aAMT5 B SALMS5 4747  
 INC2C2aLN6 B INCLN6 4748  
 INC2C2aAMT6 B SALMS6 4749  
 INC2C2aLN7 B INCLN7 4750  
 INC2C2aAMT7 B SALMS7 4751  
 INC2C2aLN8 B INCLN8 4752  
 INC2C2aAMT8 B SALMS8 4753  
 INC2C2aLN9 B INCLN9 4754  
 INC2C2aAMT9 B SALMS9 4755  
 INC2C2aLN10 B INCLN10 4756  
 INC2C2aAMT10 B SALMS10 4757

INC2C3 B VOTHERM How much was the ADDITIONAL income from  
 that we missed?  
 (REPORT ONLY INCOME FROM THE PAST 12 MONTHS THAT WAS NOT REPORTED PREVIOUSLY  
 AFTER DEDUCTING EXPENSES AND LOSSES FROM BUSINESS, FARM OR RANCH/RENTAL INCOME)  
 (1-999997) \$1- \$999,997  
 (999998 or more) \$999,998 or more  
 \$

INC2C3INST v VOTHERP THIS AMOUNT IS ... THE \$ ...  
 REPORTED EARLIER AS TOTAL INCOME FROM OTHER SOURCES. PROBE THAT ONLY  
 ADDITIONAL INCOME IS BEING REPORTED HERE  
 (1) ONLY ADDITIONAL INCOME REPORTED  
 (2) NEED TO CHANGE ANSWER

INC2D 4244 b ZINCH 4758 Is ... total ... THIS MONTH  
 about the same as it was a year ago?  
 (1) Yes, about the same, or within 10 percent  
 or just cost of living adjustments  
 (2) No

INC2E 4246 B ZINCN 4759 What do you expect ... total ... to be  
 in the NEXT 12 MONTHS?  
 (0) None  
 (1,999997) \$1 - \$999,997  
 (999998) \$999,998 or more  
 \$

INC3A b LT25K 4760 Was ... total ... over \$25,000?  
 (1) Yes  
 (2) No

INC3B 4260 b QFS1 4761 Did ... receive Food Stamp Benefits  
 in the past 12 months?  
 (1) Yes  
 (2) No

INC3C			have - (READ ITEMS BELOW)
			(1) Yes (2) No
INC3Ca1	4270 b QSAVNG	4762	Savings Investments in a farm or business?
INC3Ca2	4280 b QBINV	4763	Other investments (excluding this home)
INC3Ca3	4290 b QOINV	4764	
INC3D	4300 b INV20K	4765	Is the total amount of savings and investments over \$25,000? (1) Yes (2) No *** REFERENCE SECTION ***
INC1H	W		Wage and salary income is the total amount of money earned by a person working at a job as an employee for a private employer or an incorporated business (including a farm employee), or branch of government. See the manual for certain types of wage or salary income
INC2AH	W		See manual for definitions of each income source
INC2BH	W		Enter the total amount received by all household members 14 years and older eligible in INC1, from all sources mentioned in answer to question INC2a. Estimates are acceptable. Exclude wage and salary income. See manual for other instructions
INC2CH	W		The question is designed to allow the respondent to mention any sources of income that he/she did not include in the earlier question. If the answer is "yes", you will determine the income type and amount in INC2c1 and INC2c2
INC2C1H	W		Refer to the manual for definitions of Wages and Salaries and definitions of other sources of income

Name	Seq#	Description
RATINGINTRO	W	The next two questions are about your home and your neighborhood and how you feel about each of them, considering everything that we have talked about during this interview PRESS (P) TO CONTINUE INTERVIEW
RATING1A_HOWHQ	V HOWHQ	On a scale of 1 to 10, how would you rate your ... as a place to live? 10 is best, 1 is worst (1-10) Rating
RATING1AP_HOWHP	V HOWHP	We would like your opinion, please. On a scale from 1-10, how would you rate the ... as the place to live? (1-10) Rating
RATING1B_HASH	V HASH	Has anything happened in the last ... years to change your opinion about your home? (1) Yes (2) No
RATING1C		What has changed? RECORD VERBATIM, ENTER 0 ON NEXT LINE WHEN FINISHED
RATING1C@WHASH1	V WHASH1	
RATING1C@WHASH2	V WHASH2	
RATING1C@WHASH3	V WHASH3	
RATING1C@WHASH4	V WHASH4	
RATING2A_HOWN	1990 V HOWN	How would you rate your neighborhood on a scale of 1-10? (10 is best, 1 is worst) ***ENTER PRECODE ZERO (NO NEIGHBORHOOD) IF RESPONDENT VOLUNTEERS THIS ANSWER*** (0) No neighborhood (1-10) Rating
RATING2B_HASN	V HASN	Has anything happened in the last ... years to change your opinion about your neighborhood? (1) Yes (2) No
RATING2C		What has changed? RECORD VERBATIM, ENTER 0 ON NEXT LINE WHEN FINISHED
RATING2C@WHASN1	V WHASN1	
RATING2C@WHASN2	V WHASN2	
RATING2C@WHASN3	V WHASN3	
RATING2C@WHASN4	V WHASN4	
		REFERENCE SCREENS
RATING1AH	W	This is an attitude question. If the respondent answers with an adjective such as "Excellent, good, fair, poor", repeat the question, and have the respondent give you a numerical value. Do not assign a value yourself. A probe has been added specially to this item to reduce the number of "don't know" entries
RATING1BH	W	Reviewers: Do we need a help screen here? If yes, what should it say?
RATING2AH	W	Neighborhood: If the respondent asks what is meant by neighborhood tell him/her that it is whatever he/she consider it to be There is no set definition Acceptable Answers: This is an attitude question. If the respondent answers with an adjective such as "Excellent, good, fair, or poor" repeat the question, and have the respondent give you a numerical value. DO NOT assign a value yourself
RATING2BH	W	Reviewers: Do we need a help screen here? If yes, what should it say?

MGERINTRO           w                   Now I have a few questions about where the rent payment  
 would be sent  
 Now I have a couple of questions about where you sent your  
 rent payment?  
 PRESS (P) TO CONTINUE INTERVIEW

MGER1BV\_BLGCOMV    v NBLGCOV           (CHOOSE APPROPRIATE WORDING)  
 Last time we recorded the name of the (building/building or complex)  
 where your apartment is located as ...  
 Is this information still correct?  
           (1) Yes  
           (2) No  
           (3) Don't know - not sure

MGER1                                   Is there a name for ... (building/building or complex)?  
           (1) Yes  
           (2) No

MGER1@ISNAME       v ISNAMEQ                                   What is it?

MGER1@NBLGCOMQ     v NBLGCOQ

MGER2V\_OWNEREQ     v OWNEREQ           (CHOOSE APPROPRIATE WORDING)  
 Last time we recorded that either the owner or a resident  
 manager lives in this (building/building or complex). Is  
 this information still correct  
 (EXCLUDE STAFF WHO DO ONLY MAINTENANCE)  
           (1) Yes  
           (2) No  
           (3) Don't know-not sure

MGER2\_OWNEREQ      v OWNEREQ           Does either the owner or a resident manager live in ...  
 (building/complex)?  
 (Exclude staff who do only maintenance.)  
           (1) Yes  
           (2) No

MGER3V                                   Last time we recorded the following information for either ...  
 owner's name and address or for where you send your rent

MGER3V@OWNNAV      v OWNNAV                                   OLD NAME:        ...

MGER3V@OWNADDV     v OWNADDV                                   OLD ADDRESS:     ...

MGER3V@OWNCTYV     v OWNCTYV                                   OLD CITY/ST/ZIP: ... ..

MGER3V@OWNSTV      v OWNSTV

MGER3V@OWNZIPV     v OWNZIPV

                                  Is this information still correct?  
 (ENTER CORRECTIONS OR "S" FOR SAME. ASK ABOUT BLANK FIELDS. VERIFY  
 PERSON TITLE/LOCATION OF ADDRESS BELOW, BASED ON FINAL DATA ABOVE.)  
           (1) owner (2) other (S) same           (1) home (2) office (S) same  
 OLD TITLE:     ...        OLD ADDRESS LOCATION: ...

MGER3V@OWNTLEV     v OWNLOCV

MGER3V@OWNLOCV     v OWNLOCV

ERRWIN1                                   \*\*\*PHA CHECK\*\*\*  
 Does name/address appear to be a public housing authority?  
           (1) Yes - Possible inconsistency with data reported earlier  
           (2) No - Proceed

ERRWIN1@PHAWINV    v PHAWINV

MGER3VP\_PHACKVP    v PHACKVP                                   \*\*\*POSSIBLE PROBLEM\*\*\*  
 Earlier I recorded that your ... is NOT owned by a  
 public housing authority, but this name sounds like it may be  
 which is correct?  
           (1) UNIT IS OWNED BY A PHA (CORRECT ENTRY TO H COSTS? ASK  
               ADDITIONAL QUESTIONS. USE F3 TO RETURN)  
           (2) NO, UNIT IS NOT OWNED BY PHA (CORRECT ENTRY IN  
               MGR3V, IF NECESSARY, AND PROCEED)

MGER3		What is the ... owner's name and address? (if don't know, ask)
MGER3@OWNNAQ	v OWNNAQ	Name
MGER3@OWNADDQ	v OWNADDQ	Address
MGER3@OWNCTYQ	v OWNCTYQ	CITY
MGER3@OWNSTQ	v OWNSTQ	STATE
MGER3@OWNZIPQ	v OWNZIPQ	ZIP
MGER3@OWNLOCQ	v OWNLOCQ	ENTER APPROPRIATE CODE TO INDICATE LOCATION OF PERSON ABOVE (1) Home (2) Office
MGER3@OWNTLEQ	v OWNTLEQ	ENTER APPROPRIATE CODE TO INDICATE THE TITLE OF PERSON ABOVE (1) Owner (2) Other
ERRWIN2		***PHA CHECK*** Does name/address appear to be a public housing authority? (1) Yes - Possible inconsistency with data reported earlier (2) No - Proceed
ERRWIN2@PHAWINQ	v PHAWINQ	
MGER3P_PHAQP	v PHAQP	***POSSIBLE PROBLEM*** Earlier I recorded that your ... is NOT owned by a public housing authority, but this name sounds like it may be Which is correct? (1) UNIT IS OWNED BY A PHA (CORRECT ENTRY TO HCOSTS? ASK ADDITIONAL QUESTIONS. USE F3 TO RETURN) (2) NO, UNIT IS NOT OWNED BY PHA (CORRECT ENTRY IN MGR3, IF NECESSARY, AND PROCEED)
MGER4V		Last time we recorded the following telephone number for ... AREA CODE NUMBER EXTENTION (N = NONE) OLD NO
MGER4V@OWNAREV	v OWNAREV	
MGER4V@OWNPREV	v OWNPREV	
MGER4V@OWNSUFV	v OWNSUFV	
MGER4V@OWNEXTV	v OWNEXTV	
MGER4V@OWNTYPV	v OWNTYPV	Is this information still correct? (ENTER CORRECTIONS OR "S" FOR SAME. ASK ABOUT BLANK FIELDS VERIFY TYPE OF NUMBER BELOW, BASED ON FINAL NUMBER ABOVE.) (1) home (2) office (3) same OLD TYPE: ...
MGER4		What is ...'s telephone number?   NUMBER   EXTENSION   AREA CODE     N=NONE
MGER4@OWNPREQ	v OWNPREQ	
MGER4@OWNSUFQ	v OWNSUFQ	
MGER4@OWNEXTQ	v OWNEXTQ	
MGER4@OWNAREQ	v OWNAREQ	
MGER4@OWNTYPQ	v OWNTYPQ	PROBE IF NECESSARY; Is this the home or business number? (1) Home (2) Business
MGER1H	W	If there is a building and a complex name, enter the complex name For example, the unit is located in the Ponderosa building of Whispering Pines-enter Whispering Pines. Or the buildings are lettered or numbered (A, 35 East, etc.) in Pine Towers enter Pine Towers

NRPLUS1	4670 d HERE	4766	I ... a few questions that I would like to ask ... Is ... here now? (1) Yes ASK: May I speak to ... please? (2) No
NRPLUS2	D SALNRQ	4767	One of the main housing problems today is the cost of housing compared to income What was your income before deductions in the past 12 months? (0) None (1-999997) \$1-\$999,997 TALKING TO: ... (999998) \$999,998 or more \$
NRPLUS3	D SALEST	4768	** ASK TO SPEAK TO ... AGAIN, IF NECESSARY ** READ IF APPROPRIATE: As I mentioned earlier, we are concerned about housing costs compared to income In case I'm not able to reach ... at a later time, what is your estimate of ... 's total income before deductions in the last 12 months? (0) None (1-999997) \$1-\$999,997 (999998) \$999,998 or more (U) (Unable to estimate) \$
NRPLUS3ASK	d OTHST	4769	Is there anyone home now who could provide an estimate of ... 's income in the last 12 months? IF YES: ASK TO SPEAK TO PERSON, INTRODUCE YOURSELF USE THE F1 KEY TO RETURN TO NRPLUS3 AND REASK (2) No

***VARIABLES***			
Variable Name	Format	Seq#	Description
LDPNT_BEGIN			***VARIABLES***
LDPFLAG	B LDPFLG	4770	List of Variables from Module
LDPNT1A_LATE70S	b LAT70S	4771	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? ENTER "D" for "Don't know" 197 (5-9)
LDPNT1B_BEAF78	b BEAF78	4772	Would you know if that was before or after 1978? (1) Built before 1978 (2) Built in 1978 or later (3) Don't know
LDPNT1C	W		We are interested only in ... built before 1978. So, I don't need to ask you the further questions on this topic
LDPNT1C@	PRESS		(P) TO GOTO THE NEXT MODULE
LDPNT2A_ANYRUGS	b ANYRUG	4773	The next few questions are about carpeting and paint in your home Do you have ANY rugs or carpeting in your home? (1) Yes (2) No
LDPNT2B_ANYCARP	b ANYCAR	4774	Do any areas in your home have wall-to-wall carpeting? (1) Yes (2) No
LDPNT2C_BEDCARP	b BDCARP	4775	Is there wall-to-wall carpeting in ...? (1) Yes (2) No
LDPNT2D_BEDX	v BEDXQ		How many of your bedrooms have wall-to-wall carpeting? (1-10) (Number of bedrooms with wall-to-wall carpeting)
LDPNT2E_LIVCARP	b LVCARP	4776	Is there wall-to-wall carpeting in ...? (1) Yes (2) No
LDPNT3A_PEELRM	b PEELRM	4777	Earlier we recorded that you have either peeling paint or broken plaster somewhere in your home. Which room has the most peeling paint? (1) Name of room - (Specify) (2) None, only plaster problems
LDPNT3B_PEELSZ	b PEELSZ	4778	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? (1) Smaller than 1 page of newspaper (2) Same size as 1 page of newspaper (3) Larger than 1 page of newspaper
LDPNT3BH	W		"1 page of a newspaper" - this is approximately 2 feet by 1 foot, or two square feet
LDPNT3C_PEELAM	B PEELAM	4779	Besides this room, how many other rooms also have a large amount of peeling or flaking paint? (Number of rooms)
LDPNT3D_ANYPNT	b ANYPNT	4780	..., was any painting done on the inside of your home? (1) Yes (2) No
LDPNT3E_SANDPNT	b SNDPNT	4781	Before painting, did someone sand or scrape off any of the old paint? (1) Yes (2) No (3) Don't know
LDPNT4INTRO	W		The next few questions are about home repairs. They may sound similar to earlier questions I asked you, but there are some differences in the types of jobs

LDPNT4A			have any doors or door frames in your home been replaced or repaired? (1) Yes (2) No
LDPNT4A@DOORREP	b DORREP	4782	
LDPNT4A@DOORX	B DOORX	4783	How many doors or door frames were replaced or repaired? (Number)
LDPNT4AH	W		If same doors or door frames were replaced or repaired more than once, count each job separately
LDPNT4B			Have any cabinets or built-in shelves in your home been replaced or repaired? (1) Yes (2) No
LDPNT4B@CABNREP	b CABREP	4784	
LDPNT4B@CABNX	B CABNX	4785	How many cabinets or built-in shelves were replaced or repaired? (Number)
LDPNT4BH	W		If same cabinets or built-in shelves were replaced or repaired more than once, count each job separately
LDPNT4C			Have any inside walls or ceilings in your home been replaced or repaired ...? (1) Yes (2) No
LDPNT4C@WALLREP	b WALREP	4786	
LDPNT4C@WALLX	B WALLX	4787	How many inside walls or ceilings were replaced or repaired? (Number)
LDPNT4CH	W		If same inside walls or ceilings were replaced or repaired more than once, count each job separately
LDPNT4D			Not counting the glass, have any windows been replaced or repaired? (1) Yes (2) No
LDPNT4D@WINREP	b WINREP	4788	
LDPNT4D@WINX	B WINX	4789	How many windows were replaced or repaired? (Number)
LDPNT4DH	W		If same windows (not counting the glass) were replaced or repaired more than once, count each job separately
LDPNT5A_OUTPNT	b OUTPNT	4790	Now, thinking about the OUTSIDE of your ..., is ANY part of the outside of your ... painted, such as the walls, foundation, doors, window frames or trim? (1) Yes (2) No
LDPNT5B_OUTPEEL	b OUTPEL	4791	Is any of this paint peeling or flaking? (1) Yes (2) No
LDPNT5C	b BLSIDE	4792	On what side of the ... is the most peeling or flaking paint? (Specify side)
LDPNT5D_BIGPEEL	B BIGPEL	4793	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 ... add up to an area that is SMALLER than a standard front door or LARGER than a standard front door? (1) Smaller than a front door (2) Same size as a front door (3) Larger than a front door
LDPNT5E_SMPEEL	B SMPEEL	4794	Is it at least HALF the size of a standard front door or is it even smaller than that? (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

Code	Name	Seq#	Description
LDPNT6A_LDTEST	b LDTEST	4795	Since you have lived here, has this ... been tested for lead in the paint? (1) Yes, tested (2) No, never tested (3) Don't know whether test done
LDPNT6B_EVERTES	b EVRTES	4796	Prior to your living here, was this ... EVER tested for lead in the paint? (1) Yes, tested (2) No, never tested (3) Don't know whether test done
LDPNT7A_PAMPHLT	b PAPHLT	4797	Before ... .. your home did ... give ... a pamphlet about lead paint? (1) Yes (2) No (3) Don't know
LDPNT7B_LDMAYB	b LDMAYB	4798	Before ... .. your home, did ... mention the possibility that buildings built before 1978 might have lead in the paint? (1) Yes (2) No
LDPNT7C_MUSTELL	b MUSTEL	4799	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? (1) Yes, have heard this (2) No, have not heard this (3) Don't know if heard this
LDPNT8	w		You can get information on lead paint hazards if you like. You can call one of these toll free numbers: 1-800-LEAD-FYI or 1-800-424-LEAD

OBSERINTRO	W			For the next few questions, we are asking about ... .. and the area around it. ... .. PRESS (P) TO CONTINUE INTERVIEW
OBSER1A	v	BADSTEP		Do the common stairways located inside ... building or attached to the outside of ... building have any loose, broken or missing steps? (1) Yes (2) No (3) No common stairways
OBSER1B	v	RAILOK1		Are any railings on the common stairways firmly attached? ("Firmly Attached" = secured strongly enough to be used with complete confidence.) (1) Yes (2) No (3) No Stair Railings
OBSER1C	v	RAILOK2		Are all of them firmly attached? (1) Yes (2) No
OBSER1D	v	LTSOK1		Are any of the hallway lights in ... building in working order? (1) Yes (2) No (3) No public halls (4) No light fixtures (5) Don't know
OBSER1E	v	LTSOK2		Do all of the hallway lights work? (1) Yes (2) No
OBSER2A	4840 B	EMISSR	4800	The next questions are about the CONDITION of the outside of ... Does the roof have missing shingles or other missing roofing materials? (Do not count gutters or downspouts) (1) Yes (2) No
OBSER2B	4840 B	EHOLER	4801	Does the roof have any holes? (1) Yes (2) No
OBSER2C	4840 B	ESAGR	4802	Does the roof's surface sag or appear uneven? (1) Yes (2) No
OBSER2D	4840 B	EMISSW	4803	Do the outside walls have any missing siding, bricks, or other missing wall materials? (1) Yes (2) No
OBSER2E	4840 B	ESLOPW	4804	Do the outside walls slope, lean, buckle or slant? (1) Yes (2) No
OBSER2F	B	EBOARD	4805	Are any of the windows in ... .. boarded up? (1) Yes (2) No
OBSER2G	4840 B	EBROKE	4806	Are any of the windows in ... .. broken? (1) Yes (2) No
OBSER2H	4840 B	EBAR	4807	Are any of the windows in ... .. covered with metal bars? (1) Yes (2) No

OBSER21	4840 B ECRUMB	4808	Are there holes or open cracks or crumbling in the foundation of ... ----that is, in the base on which the ... stands? (Do not count holes made for ventilation) (1) Yes (2) No
OBSER3	4890 b EWATER	4809	These next questions ask about the area that is within a half block of ... .... 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 ... ...? (1) Yes (2) No
OBSER4	4890 b EGREEN	4810	Are any open spaces, such as parks, woods, farms or ranches within a half block of ... ...? (1) Yes (2) No
OBSER5	4890 b ETRANS	4811	How about any railroads, airports or highways with at least 4 lanes -- any of these within a half block of ... ...? (1) Yes (2) No
OBSER6	4890 B EPRKG	4812	Are any parking lots within a half block of ... ...? (1) Yes (2) No
OBSER7	4890 B ESHD	4813	Are there any single-family houses? (1) Yes (2) No
OBSER8	v ELOW1		How about single-family townhouses or rowhouses? (1) Yes (2) No
OBSER9	B EAPTBL	4814	Are there any apartment buildings within a half a block of ... ...? (1) Yes (2) No
OBSER10	4890 B EMOBIL	4815	Are there any mobile homes? (EXCLUDE CAMPERS) (1) Yes (2) No
OBSER11	b ECOM1	4816	Are there any businesses or institutions, such as stores, restaurants schools or hospitals within half a block of ... ...? (1) Yes (2) No
OBSER12	b ECOM2	4817	How about any factories or other industrial structures? (1) Yes (2) No
OBSER13			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? MARK (X) ALL THAT APPLY
OBSER13@EPRKGR	b EPRKGR	4818	parking lots only for residents
OBSER13@EPRKGA	b EPRKGA	4819	parking lots can be used by anyone
OBSER13@EPRKGS	b EPRKGS	4820	parking lots for shoppers or workers only
OBSER14	4890 B EHIGH	4821	Think of the apartment buildings that are located within a half block of ... ..., are any of these apartment buildings 7 or more stories tall? (1) Yes (2) No

OBSER	Name	Seq#	Description
OBSER15	4890 B EMID	4822	Are any of these apartment buildings 4 to 6 stories tall? (1) Yes (2) No
OBSER16	v ELOW2		Are any less than 4 stories tall? (1) Yes (2) No
OBSER17	v EBARCL1		Now, thinking of ALL of the buildings that are within half a block of ... .., do any of these buildings have metal bars on their windows? (1) Yes (2) No
OBSER18	v EBARCL2		Is there more than one building with metal bars on the windows? (1) Yes (2) No
OBSER19	v EABAN1		Are there any vandalized or abandoned buildings within half a block of ... ..? (1) Yes (2) No
OBSER20	v EABAN2		Is there more than one vandalized or abandoned building? (1) Yes (2) No
OBSER21	v EJUNK1		Is there trash, litter or junk in the streets, roads, empty lots or on any properties within half a block of ... ..? (INCLUDE THIS BUILDING) (1) Yes (2) No
OBSER22	v EJUNK2		Is there a small amount or a large amount of trash, litter or junk? (1) Small amount (2) Large amount
OBSER23	4950 b EROAD	4823	What is the condition of the streets within half a block of ... ..? Do these streets need major repairs, minor repairs or no repair work? (1) Major repair work (2) Minor repair work (3) No repair work (4) No streets within half a block
OBSER24	v EAGE1		Finally, is ... .. older, younger or about the same age as the nearby ... ? (1) Older (2) Younger (3) Same age (4) Very mixed
OBSER1DH	W		Light Fixtures: Include wall or ceiling lights, table lamps Public Halls: Include entrance hall, all halls through which you travel to reach sample unit. Small common area outside the doorways of units in garden style apartments If the unit has direct access from the outside, not shared with anyone else, but the occupants must use a public hall (to get their mail, for example), determine the presence of lighting fixtures in the public halls they must use
OBSER3H	W		Body of Water Exclude swimming pools, bird baths, temporary pools of water
OBSER4H	W		Open Space Include cemeteries, golf courses, vacant lots undeveloped land, airport land, ball fields, schools fields, etc
OBSER5H	W		4+ lane Highway Include cemeteries, golf courses, vacant lots undeveloped land, airport land, ball fields, schools fields, etc

OBSER11H	W	Commercial/Institutional Nonresidential building such as offices stores, restaurants, hotels, banks, churches, parking garages hospitals, schools, prisons, etc					
OBSER12H	W	Industrial Nonresidential buildings such as factories, barns junkyards, water treatment plants, pumping stations, etc					
OBSER13H	W	Residential Parking Lots Exclude driveways of single family homes and parking garages (parking on more than on level)					
OBSER20H	W	Count as Vandalized * Most of visible windows broken * Doors pulled off * Building badly burned * Graffiti * Portion of roof missing/walls gone * Interior exposed to the elements in some other way					
OBSER23H	W	<table border="0"> <tr> <td style="text-align: center;">MAJOR</td> </tr> <tr> <td>Large potholes, crumbling/deteriorating shoulders or roadsides, deep ruts, etc</td> </tr> </table>	MAJOR	Large potholes, crumbling/deteriorating shoulders or roadsides, deep ruts, etc	<table border="0"> <tr> <td style="text-align: center;">MINOR</td> </tr> <tr> <td>small cracks, shallow holes, missing minor surfacing, etc</td> </tr> </table>	MINOR	small cracks, shallow holes, missing minor surfacing, etc
MAJOR							
Large potholes, crumbling/deteriorating shoulders or roadsides, deep ruts, etc							
MINOR							
small cracks, shallow holes, missing minor surfacing, etc							

NOINT1	b TYPABCM		What type of Non-interview do you have? (1) TYPE A (2) TYPE B (3) TYPE C (M) MISTAKE-do not want to code noninterview
NOINT2_NOINTA	B NOINTA	4824	Enter Type A Noninterview Reason (1) No one home (2) Temporarily absent (3) Refused (4) Unable to locate (5) Language problem (6) Other, occupied
NOINT3	v SUREA		Are you sure this case is a Type A noninterview? (1) Yes (2) No
NOINT4_NOINTB			Enter TYPE B Noninterview Reason (10) Permit granted, construction not started (11) Under construction, not ready (12) Permanent or temporary business or commercial storage (13) Unoccupied site for mobile home or tent (14) OTHER unit or converted to institutional unit (15) Occupancy prohibited (16) Interior exposed to the elements (17) Type B, not classified above, Specify
NOINT4_NOINTB@1 NOINT4_NOINTB@2	B NOINTB v NOINTBSP	4825	
NOINT5A			TYPE B-10 PERMIT GRANTED-CONSTRUCTION NOT STARTED Enter date permit issued Month Day Year
NOINT5A@PEDTM NOINT5A@PEDTD NOINT5A@PEDTY	B PEDTM B PEDTD B PEDTY		
NOINT5B_PENUM	B PENUN		Enter expected number of units
NOINT6A_UCAO	B UCAO		TYPE B-11 UNDER CONSTRUCTION-NOT READY Enter the code that best describes the situation (1) New construction of entire structure (2) Renovation or addition to an existing structure
NOINT6A_PROB	v UCAOP		*** PROBLEM *** This classification is incorrect if a renovation or addition was made to an existing structure EITHER BACKUP AND CORRECT NOINT6A_UCAO OR PRESS (P) TO RETURN TO NOINT4_NOINTB TO DETERMINE CORRECT CLASSIFICATION
NOINT6B_UCWDF	B UCWDF		Are all exterior windows and doors and the usable floors in place? (1) Yes (2) No
NOINT6B_PROB	v UCWDFP		** PROBLEM ** This classification is incorrect if all the exterior windows and doors and usable floors are in place. Conduct a vacant interview instead EITHER BACK UP AND CORRECT NOINT6B_UCWDF OR PRESS (P) TO CONTINUE WITH A VACANT INTERVIEW
NOINT6CPROB	v WRGSEGP		This classification is incorrect based on type of segment PRESS (P) TO RETURN TO NOINT4 TO DETERMINE CORRECT CLASSIFICATION

NOINT7A_BCSCS			TYPE B-12 PERMANENT OR TEMPORARY BUSINESS OR COMMERCIAL STORAGE Enter what best describes the current use of the unit (1) Commercial-Specify type of business (2) School (3) Storage
NOINT7A_BCSCS@1	B BCSCS	4826	
NOINT7A_BCSCS@2	v BCSCSSPC		
NOINT7B_BCSST			What kind of articles are being stored? (1) Personal household furniture only (2) Commercial storage (3) Farm equipment or crops (4) Other, Specify
NOINT7B_BCSST@1	v BCSST		
NOINT7B_BCSST@3	v BCSSTSPC		
NOINT7B_PROB	v BCSSTP		<b>** PROBLEM **</b> This classification is incorrect if only personal household furniture is stored Conduct a vacant interview instead EITHER BACK UP AND CORRECT NOINT7B_BCSST OR PRESS (P) TO CONTINUE WITH A VACANT INTERVIEW
NOINT8A_USMHP	B USMHP		TYPE B-13 UNOCCUPIED SITE FOR MOBILE HOME OR TENT Is this site (or location description) in a place that has common properties or facilities AND a single management or association? (1) Yes (2) No
NOINT8A_PROB	v USMHPP		<b>**PROBLEM**</b> This classification is incorrect if the place has NO common properties/facilities and NO single management/association EITHER BACK UP AND CORRECT NOINT8A_USMHP OR PRESS (P) TO RETURN TO NOINT4_NOINTB TO DETERMINE CORRECT CLASSIFIATION
NOINT8B_USREP	B USREP		Is the site in a recreational, educational or religious type park? (1) Yes (2) No
NOINT8C_USPER	B USPER		Is this site usually occupied by persons who made arrangements to stay for 30 days or more? (1) Yes (2) No
NOINT8C_PROB	v USPERP		<b>**PROBLEM**</b> This Type B-13 classification is incorrect if site is usually occupied by persons who stay for under 30 days Either back up and correct NOINT8C_USPER or press (P) to return to NOINT1 Change noninterview code to Type C code 37-Not Classified Above type in "Listed in Error" in the space provided
NOINT9A			TYPE B-14 OTHER UNIT INCLUDING NONSTAFF, OR CONVERTED TO INSTITUTIONAL UNIT Description
NOINT9A@TYPB14D1	v TYPB14D1		
NOINT9A@TYPB14D2	v TYPB14D2		
NOINT9A@TYPB14D3	v TYPB14D3		
NOINT9A@OTHCD	B OTHCD	4827	(Enter 97 if you decide it is not a GQ after all Enter "H" to see list of codes) Code for type of GQ

NOINT9AH	W	GC CODES
		00 - Nurses quarters
		01 - Flophouses/homeless shelters/missions
		02-03 - Recreational, religious or educational camp
		05 - Tent camps
		06-07 - Armed forces installations and hospitals
		11-12 - Correctional Institutions
		21-23 - Mental Institutions
		31-39 - Homes for the elderly/handicapped/disadvantaged
		40 - Nursing/convalescent/rest homes
		51-62 - Hospitals/homes providing special care
		71 - Transient hotel/motel/YMCA/YWCA/YMHA etc
		72 - Nontransient hotel/motel/YMCA/YWCA/YMHA etc
		75 - Private residential club
		79 - Vacation/tourist cabins, groups of 5 or more under single management
		81-84 - Facilities for housing student
		86-88 - Bunkhouses/labor/lodging/migrant workers camp
		91 - Convents/monasteries/other residences for religious purposes
		92 - Commune
		93 - Halfway house
		94 - Independent group residences for senior citizens, the handicapped and functionally disabled
NOINT9APROB	v OTHCDP	<b>**WHAT TO DO**</b> You need to determine the correct classification PLEASE PRESS (P) TO RETURN TO NOINT4_NOINTB
NOINT9B		Categorize the type of occupants (Give a specific description; for example, college students, nurses staff at children's camp, inmates, patients, etc.) Description
NOINT9B@TYPB1401	v TYPB1401	
NOINT9B@TYPB1402	v TYPB1402	
NOINT9B@TYPB1403	v TYPB1403	
		Type of occupants: (1) Noninstitutional (2) Institutional-Staff (3) Institutional-Inmates or patients
NOINT9B@OTHOC	B OTHOC	
NOINT10A_OPNOR	B OPNOR	Type B-15 OCCUPANCY PROHIBITED Is the unit for nonresidential use? (1) Yes (2) No
NOINT10A_PROB	v OPNORP	<b>**PROBLEM**</b> This classification is incorrect. A Type B-15 can not be for non-residential use Either back up and correct NOINT10A_OPNOR or press (P) to return to NOINT4_NOINTB to determine correct classification
NOINT10B_OPREA	B OPREA	Specify reason occupancy prohibited (1) Scheduled to be demolished (2) Severely damaged by fire (3) Condemned or occupancy prohibited by law
NOINT10C_OPDEM	B OPDEM	Has demolition of the unit begun? (1) Yes (2) No
NOINT10C_PROB	v OPDEMP	<b>**PROBLEM**</b> This classification is incorrect If demolition has begun, it can not be a Type B Either back up and correct NOINT10C_OPDEM or press (P) to return to NOINT4_NOINTB to determine the correct classification NOINT4_NOINTB will allow you to F1 to NOINT1 if you discover that this is not a TYPE B

NOINT10D_OPINE	B OPINE		Is interior exposed to the elements? (1) Yes (2) No
NOINT10D_PROB	v OPINEP		<b>**PROBLEM**</b> This classification is incorrect If interior is exposed to the elements it can not be a Type B - Occupancy Prohibited Either back up and correct NOINT10D_OPINE or press (P) to return to NOINT4_NOINTB to determine the correct classification
NOINT10E_OPSGN	B OPSGN		Is there a sign or notice indicating that the unit is condemned, or to be demolished or occupancy is prohibited by law? (1) Yes (2) No
NOINT10F_OPPAC			Was a public agency contacted to confirm the status? (1) Yes (SPECIFY THE AGENCY) (2) No
NOINT10F_OPPAC@1	B OPPAC		
NOINT10F_OPPAC@2	v OPPACSPC		
NOINT10F_PROB	v OPPACP		<b>**PROBLEM**</b> This classification is incorrect (unless confirmed by a public agency); determine correct classification Either confirm or press (P) to return to NOINT4_NOINTB to determine the correct classification
NOINT11A_IEFIT	B IEFIT	4828	TYPE B-16 INTERIOR EXPOSED TO THE ELEMENTS Does this unit fit the definition of any of the previous noninterview categories? (Enter "H" to see list of categories) (1) Yes (2) No
NOINT11A_H	W		(10) Permit granted, construction not started (11) Under construction, not ready (12) Permanent or temporary business or commercial storage (13) Unoccupied site for mobile home or tent (14) OTHER unit or converted to nonstaff (15) Occupancy prohibited (except severely damaged by fire) (16) Interior exposed to the elements (17) Type B, not classified above, Specify
NOINT11A_PROB	v IEFITP		<b>**PROBLEM**</b> This classification is incorrect if unit fits the definition of a previous Type B category Either back up and correct NOINT11A_IEFIT or press (P) to return to NOINT4_NOINTB to determine the correct classification
NOINT11B_IECDW			Enter what best describes the condition of the unit's doors and/or windows (1) All in good condition (2) Some missing or broken (3) Most missing or broken (4) Unobservable-Explain
NOINT11B_IECDW@1	B IECDW	4829	
NOINT11B_IECDW@2	v IECDWSPC		
NOINT11C_IECRE			Enter what best describes the condition of the unit's roof (exclude porch roofs) (1) In good condition (2) Leaky, has missing shingles or small holes (3) Entirely or partially missing (4) Unobservable - Explain
NOINT11C_IECRE@1	B IECRE	4830	
NOINT11C_IECRE@2	v IECRESPC		

NOINT11D_IECEW			Enter what best describes the condition of the unit's exterior walls (1) In good condition (2) Cracked (exclude minor damage which does not expose the interior) or broken (3) Entirely or partially missing (4) Unobservable, Explain
NOINT11D_IECEW@1	B IECWEW	4831	
NOINT11PROB	v IIECP		***PROBLEM*** This classification is incorrect if doors/windows roofs, exterior walls are either in good condition or you are not able to observe them In order to be a Type B-16 (Interior exposed to the elements) you must have observed a problem with at least 1 of these 3 things Either back up and correct NOINT11B_IECDW or press (P) to return to NOINT4_NOINTB to determine the correct classification
NOINT12A			Type B-17 TYPE B-NOT CLASSIFIED ABOVE Specify the reason
NOINT12A@TYP17R1	v TYP17R1		
NOINT12A@TYP17R2	v TYP17R2		
NOINT12A@TYP17R3	v TYP17R3		
NOINT12B_BOTRO	B BOTRO		Did you call the Regional Office? (1) Yes (2) No
NOINT12B_PROB	v BOTROP		***PROBLEM*** This classification is incorrect without contacting your RO Either contact the RO or press (P) to return to NOINT4_NOINTB to determine the correct classification
NOINT12C			Give the title to the person in the Regional Office who authorized this classification
NOINT12C@TYP17TL	v TYP17TL		
NOINT13_NOINTC	B NOINTC	4832	Enter Type C Noninterview Reason (30) Demolished or disaster loss (31) House or mobile home moved (32) Unit eliminated in structural conversion (33) Merged not in current sample (36) Permit abandoned (37) Type C, not classified above (38) Unit eliminated in subsampling
NOINTPOP	B NOINTPOP		This code is for office use only Did you get RO approval to use Type C-38? (1) Yes (2) No
NOINT14A_DDLRE	B DDLRE	4833	TYPE C-30 DEMOLISHED OR DISASTER LOSS Enter the appropriate category (1) Demolished (2) Disaster loss
NOINT14B_DDLAP	B DDLAP	4834	How much of the unit has been demolished? (1) All (2) Part-Demolition progressing (3) Part-demolition discontinued (4) None
NOINT14B_PROB	v DDLAPP		***PROBLEM*** This classification is incorrect if no demolition has been done or it has been discontinued Either back up and correct NOINT14B_DDLAP or press (P) to return to NOINT13_NOINT to determine the correct classification

NOINT14C_DDLWS	B DDLWS	4835	Are all the exterior walls standing? (1) Yes (2) No
NOINT14C_PROB	v DDLWSP		<b>**PROBLEM**</b> This classification is incorrect if all the exterior walls are standing Either back up and correct NOINT14C_DDLWS or press (P) to return to NOINT13_NOINT to determine the correct classification
NOINT15_HMMPK	B HMMPK	4836	TYPE C-31 HOUSE OR MOBILE HOME MOVED Is this a site (or location description) in a place that has common properties or facilities AND a single management or association? (1) Yes (2) No
NOINT15_PROB	v HMMPK		<b>**PROBLEM**</b> This classification is incorrect if it is in a place that has common properties/facilities and a single management/association Either back up and correct NOINT15_HMMPK or press (P) to return to NOINT13_NOINT to determine the correct classification
NOINT16A_ESCRO	B ESCRO		TYPE C-32 UNIT ELIMINATED IN STRUCTURAL CONVERSION Did you call the office? (1) Yes (2) No
NOINT16A_PROB	v ESCROP		<b>**PROBLEM**</b> This classification is incorrect if it has not been authorized by your RO Either call the RO or press (P) to return to NOINT13_NOINT and determine the correct classification
NOINT16B			Give the title of the person in the Regional Office who authorized this classification
NOINT16B@TYP32TL	v TYP32TL		
NOINT17A_CHRSA	B CHRSA		TYPE C-33 MERGED-NOT IN CURRENT SAMPLE Does the resulting unit use the same specific address as the original sample unit? (1) Yes (2) No
NOINT17A_PROB	W		<b>**PROBLEM**</b> This classification is incorrect if the resulting unit uses the same specific address as the original sample unit. Complete an interview for this case instead Either back up and correct NOINT17A_CHRSA if it is incorrect or press enter to determine occupancy status and then continue with an interview for this unit
NOINT17B			If a person in the regional office authorized this classification, indicate that person's title for example, supervisor, survey clerk, etc
NOINT17B@TYP33TL	v TYP33TL		
NOINT17C_CMRNU	B CMRNU	4837	How many units were involved in the merger?
NOINT17_CMRFU	B CMRFU		Is the first unit involved in the merger designated for AHS sample? (1) Yes (2) No

NOINT17E_CMREX	B CMREX		Is this an EXTRA unit which has merged with another AHS sample unit? (1) Yes (2) No
NOINT17F_CMRSB	B CMRSB		Do you have a case in your assignment containing current household members who are occupying the unit that was created by the merger? (1) Yes (2) No
NOINT17G_CMROM	B CMROM		Is this the case that contains the household which occupies the merger? (1) Yes (2) No
NOINT17G_PROB	W		<b>**PROBLEM**</b> This classification is incorrect if this case contains the household which occupies the merger; complete an interview for this case instead Either back up and correct NOINT17G_CMROM if incorrect or press enter to continue with an interview for this unit Press enter
NOINT17H_CMRCN	B CMRCN		Does this case represent the control number for the first of the merged units listed? (1) Yes (2) No J
NOINT17H_PROB	W		<b>**PROBLEM**</b> This classification is incorrect if this control number represents the first of the merged units listed; complete an interview for this case instead Either back up and correct NOINT17H_CMRCN if it is incorrect, or press enter to determine occupancy status and then continue with an interview for this unit
NOINT17_NOCCSTA	B NOCCSTA	4838	Is this unit occupied or vacant? (1) Occupied (2) Vacant
NOINT18			TYPE C-36 PERMIT ABANDONED Mark (X) source(s) with whom you have verified the status of the permit (Call Regional Office before contacting permit office.)
NOINT18@PABCO	b PABCO		Builder or contractor
NOINT18@PASRO	b PASRO		Sales or rental office
NOINT18@PADLC	b PADLC		Development corporation
NOINT18@PAOWN	b PAOWN		Owner
NOINT18@PAROF	b PAROF		Regional Office
NOINT18@PAPOF	b PAPOF		Permit office
NOINT18@PAOTH	b PAOTH		Other, specify
NOINT19A			TYPE C-37 OTHER-NOT CLASSIFIED ABOVE Specify the reason
NOINT19A@TYP37R1	v TYP37R1		
NOINT19A@TYP37R2	v TYP37R2		
NOINT19A@TYP37R3	v TYP37R3		
NOINT19B			Mark (X) all that apply
NOINT19B@COTLP	b COTLP		Listing problem
NOINT19B@COTSP	b COTSP		Sampling problem
NOINT19B@COTOH	b COTOH		Other

NOINT19C v BYOBS FR NOTE: WAS NONINTERVIEW STATUS DETERMINED  
 BY OBSERVATION ONLY OR DID SOMEONE  
 PROVIDE YOU WITH INFORMATION ABOUT  
 THE RESPONDENT?  
 (1) Observation Only  
 (2) Information Provided by Someone

NOINT19C2 Enter the name, address, and telephone number  
 of the person or organization that helped you  
 determine the case status

NOINT19C2a1	v NIFN	First Name:	
NOINT19C2a2	v NILN	Last Name:	
NOINT19C2a3	v NIAD1	Address 1:	
NOINT19C2a4	v NIAD2	Address 2:	
NOINT19C2a5	v NIPO	Place:	
NOINT19C2a6	v NIST	State:	
NOINT19C2a7	v NIZIP	Zip Code:	
NOINT19C2a8AR	v NIAREA	Area Code:	(N) FOR NONE
NOINT19C2a8NUM	v NINUM	Phone Number:	(N) FOR NONE
NOINT19C2a8EXT	v NIEXT	Extension:	(N) FOR NONE
NOINT19C2a9	v NIORG	Agency:	

NOINT19C3 Detailed Explanation of Classification of Noninterview  
 ENTER (N) FOR NO MORE

NOINT19C3aEXCLE1	v EXCLS1
NOINT19C3aEXCLE2	v EXCLS2
NOINT19C3aEXCLE3	v EXCLS3
NOINT19C3aEXCLE4	v EXCLS4
NOINT19C3aEXCLE5	v EXCLS5
NOINT19C3aEXCLE6	v EXCLS6
NOINT19C3aEXCLE7	v EXCLS7
NOINT19C3aEXCLE8	v EXCLS8
NOINT19C3aEXCLE9	v EXCLS9
NOINT19C3aEXCL10	v EXCLS10
NOINT19C3aEXCL11	v EXCLS11
NOINT19C3aEXCL12	v EXCLS12
NOINT19C3aEXCL13	v EXCLS13
NOINT19C3aEXCL14	v EXCLS14
NOINT19C3aEXCL15	v EXCLS15

NOINT20\_EXPOSE 0080 B EXPOSE 4839 Is the interior  
 (1) Exposed to the elements?  
 (2) Not exposed to the elements?

NOINT21A\_BBLDG 0090 B BBLDG 4840 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)  
 (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

NOINT21B\_BBORD b BBORD 4841 Is the unit boarded up?  
 (1) Yes  
 (2) No

NOINT22A1\_DFIRE 0110 B DFIRE 4842 Was that unit demolished, moved  
 or considered a disaster loss, because it  
 was severely damaged by  
 Fire?  
 (1) Yes  
 (2) No

NOINT21A2\_DISAS 0115 B DISAS 4843 Other natural disaster?  
 (1) Yes  
 (2) No

Name	Seq#	Description
ENDMID		CHECK FOR MISSING ITEMS MORTGAGE HAS NOT BEEN ANSWERED ONLY MORTGAGE NEEDED NONREL ONLY BOTH MORTGAGE AND NONREL VACANT INTERVIEW URE INTERVIEW
CLOSE	W	FR: READ TO RESPONDENT Because of the unlisted living quarters we just discussed I have to call my office before conducting any interviews It may or may not be necessary for me to call on you again
FIN	W	Pressing (P) will almost get you out of this case
SETMARKTWO		CHECK FOR MISSING ITEMS MORTGAGE HAS NOT BEEN ANSWERED ONLY MORTGAGE NEEDED NONREL ONLY BOTH MORTGAGE AND NONREL
APPT	W	I'd like to schedule a DATE to ... the interview What DATE AND TIME would be best to ... TODAY IS: ...
CBREF	W	*** DO NOT READ TO RESPONDENT ** Exit this case now. Call the case up again and make it a TYPE A noninterview before transmitting ENTER (P) TO PROCEED
TELHH	W	If we need to contact you by telephone to followup on missing data Is there a telephone in this ...? (1) Yes (2) No
TELIN	W	Is a telephone interview acceptable? (1) Yes (2) No
TELAV	W	Is there a telephone elsewhere on which people in this household can be contacted? (1) Yes (2) No
TELWHR	W	Where is this phone located?
TELPHN		Phone where you would like to be called? ENTER (N) FOR NO TELEPHONE NUMBER OR (S) FOR SAME NUMBER PHONE: (...) ... - ...
TELPHN@AR	W	In Area Code:
TELPHN@NUM	W	New Number:
TELPHN@EXT	W	EXT: ENTER (N) FOR NONE IS THIS A HOME OR OFFICE NUMBER? (1) Home (2) Office
TELPHN@HO	W	
TELCNVERT_CP		** NEED TO STORE OFF HOME/OFFICE **
BESTTI	W	We will contact this ... again in 1999 to update our data In general, what is the best time of day to reach this household? (1) Morning (9 am - 12 noon) (2) Noon/lunchtime (11 am - 1 pm) (3) Afternoon (12 noon - 4 pm) (4) Suppertime/early evening/dinnertime (4 pm - 7 pm) (5) Evening (6 pm - 9 pm) (6) Anytime (9 am - 9 pm) (7) Late evening/night (7 pm - 9 pm) (8) Daytime (9 am - 4 pm) (9) After 5 pm

NO_SUN	W	Would a possible Sunday interview be acceptable? (1) Yes (2) No
CB_THANK	W	Thank you for your help I will ... at the time suggested APPT: ...
CB_SET		PART III CLOSING SCREENS
THANK2_CP	W	Thank you for your time. You've been very helpful
THANKYOU_CP	W	This completes the interview Thank you for your time You've been very helpful SECTION **19** - CHECKOUT, CALL RECORD
TRANS	W	ARE YOU READY TO TRANSMIT THIS CASE? (1) Yes (2) No
NOTECHG	W	USED FOR OUTFILE 0 - NOTES DIDN'T CHANGE 1 - NOTES CHANGED
INOTES_A		Enter brief notes about this case that could help with the next interview OLD NOTE: (0) Nothing unusual; no (more) notes needed (S) KEEP THE OLD NOTE
INOTES_A0A	W	
INOTES_A0B	W	
INOTES_A0C	W	
INOTES_A0D	W	
INOTES_A0E	W	
INOTES_A0F	W	
INOTES_A0G	W	
INOTES_A0H	W	
INOTES_A0I	W	
INOTES_A0J	W	
INOTES_1C		WRITE
INOTES_B	W	Previous notes about this case are: Do you want to REPLACE them with new notes about this case? (1) Yes, I want to REPLACE THEM (2) No, let them stand
FINISHED		COMMENT: The following adds the length of all calls where some progress was made
CODE_ACT		ADDED SO THAT OUTCOME WILL NEVER GO OUT AS A 200
SHOFINAL	W	MODE: ... OUTCOME: ... MARK: ... MARKTWO: ... ACTION: ...
DONE5		SET UP THE REINTERVIEW FLAGS
CMPL		OUTCOME CODES FOR AHS/CAPI NOT TOUCHED, INSUFFICIENT/SUFFICIENT PARTIALS 200 Instrument not opened (case untouched) 202 Attempted - no interview or insufficient partial 203 Sufficient partial - No follow up 204 Sufficient partial - follow up for missing data 205 Sufficient partial - follow up for Mortgage/nonrel income ONLY INTERVIEW 201 Regular Occupied - Interview completed 301 URE Occupied - Interview completed 401 Vacant Interview - Interview completed TYPE A's 213 Language problem 214 Unable to locate address 216 Type A noninterview - no one home (NOH) 217 Type A noninterview - temporarily absent (TA)

218 Type A noninterview - refusal (REF)  
219 Type A noninterview - other occupied  
319 Type A noninterview - confirmed refusal  
TYPE B's  
229 Type B under construction, not ready  
230 Type B converted to temporary business or storage  
231 Type B unoccupied tent or trailer site  
232 Type B permit granted, construction not started  
233 Type B other  
330 Other unit or converted to nonstaff  
331 Occupancy prohibited  
332 Type B interior exposed to the elements  
TYPE C's  
240 Type C demolished  
241 Type C house or mobile home moved  
244 Merged not in current sample  
247 Type C not classified above  
253 Permit abandoned  
341 Type C office use only - unit eliminated in subsampling  
VALUE OF MARK CODES:  
02 New case  
03 Unreached household  
04 Call directory assistance  
06 Household Reached - no contact with eligible respondent  
07 Household Reached - respondent contacted  
09 Household Refusal  
14 Partial  
15 Breakoff  
16 Recall - for mortgage  
17 Recall - for nonrelative income  
18 Recall - for mortgage and nonrelative income  
21 Completed interview  
22 Other resolution (NOT REALLY NEEDED FOR AHS)  
VALUE OF MARKTWO CODES:  
02 Sufficient Partial, with CALLBACK needed (F10'd out)  
12 Completed or sufficient partial interview  
VALUE OF PELIG:  
0 Person not yet interviewed  
1 Eligible household member (14+)  
5 Household member but age range missing  
7 Household member under 14  
8 Not a household member but not deleted or deceased (this needs further explanation)  
9 Deleted  
10 Deceased  
ACTION CODES FOR AHS/CAPI  
00 Instrument not opened (case untouched)  
01 Case tried - no interview or insufficient partial  
02 Sufficient partial  
10 Interview completed  
21 Type A complete interview  
30 Type B complete interview  
40 Type C complete interview  
41 Type C complete interview

tion)

MMORTOPEN		FR NOTE: ASK TO SPEAK TO ONE OF THE PERSON(S) LISTED ON THE LEFT ABOUT THE MORTGAGES OR OTHER LOANS SECURED BY THE PROPERTY Eligible respondent available? (1) Yes (2) No
MMORTOPEN@1	W	
MMORTOPEN@2	V MMRRES	ENTER LINE NUMBER OF RESPONDENT
MMORTINTRO	V MORTINT	The next questions are about mortgages or other loans that are secured by the property. You may check your records if you wish. If you filled out your letter you may wish to refer to it for these questions (C) Arrange Callback to Speak with Spouse and/or Co-Owner or to Provide Respondent Time to Research Information (P) Proceed
MMORT1A	W	Some people take out a special mortgage called a Reverse Annuity Mortgage or Home Equity Conversion Mortgage that borrows against the equity in their homes to give them retirement money or income Some of these loans do not have to be paid back during the owner's lifetime because it will be paid by the sale of the home when the estate is settled. Some provide monthly income over a specified period of time, after which it must be paid back Have you heard of this type of mortgage? (1) Yes (2) No
MMORT1B	W	Have you applied for this kind of mortgage that would give you payments? (1) Yes (2) No
MMORT1C	W	Were you approved for this loan? (1) Yes (2) No
MMORT1D	W	Have you received any of these payments? (1) Yes (2) No
MMORT1E	W	Do you receive payments for your lifetime or only for a specified period of time? (1) Lifetime (2) Specified
MMORT1F	W	How many years is the loan for? (1-30) Years
MMORT1G	W	How much will be borrowed? (1-999997) \$1-999,997 (999998) \$999,998 or more \$ .00
MMORT1H		How often do you receive the payments? (1) Monthly (2) Quarterly (3) Other regular payment (specify) (4) Lump sum
MMORT1H@1	W	
MMORT1H@2	W	

MMORT1I	W	How much ... you receive in ... payments? (1-999997) \$1-999,997 (999,998 or more) \$999,998 or more \$ .00
MMORT1J		What month and year did you begin to receive payments?
MMORT1J@MO	W	(Month)
MMORT1J@YR	W	(Year)
MMORT1K	W	Is the interest rate fixed or variable rate? (1) Fixed (2) Variable (3) Don't know
MMORT1L	W	Is your loan Federally insured? (1) Yes (2) No (3) Don't know
MMORT1M	W	Does this loan have an eviction protection clause? (1) Yes (2) No (3) Don't know
MMORT1N		What is the current interest rate? (Rounded down to the nearest 1/4 percent (0 = no fraction, 1 = 1/4 percent 2 = 1/2 percent, 3 = 3/4 percent) percent
MMORT1N@1	W	
MMORT1N@2	W	
MMORT2A	W	Not counting Home Equity loans, is there a mortgage or any loans on this ...? (1) Yes (2) No
MMORT2APR	W	<b>**POSSIBLE PROBLEM**</b> Earlier you told me that someone not living here pays some of the mortgage or utility costs Was that for the utility costs, the mortgage, or both? (1) Previous answer to RET12b incorrect (2) Utility costs only (3) Mortgage costs only (4) Both utility and mortgage costs
MMORT2AVER	W	<b>**POSSIBLE PROBLEM**</b> Then there is a mortgage or other loan on this ..., is that correct? (1) Yes - (CHANGE ANSWER IN MMORT2A TO "YES") (2) No - (PROBE AS NECESSARY TO DETERMINE IF THERE IS A MORTGAGE)
MMORT2B	W	Do you ... have a Home Equity loan or Home Equity line of credit? (1) Yes (2) No
MMORT3A	W	... many mortgages (or loans) are there now on the ...? (0) mortgages (1-7)
MMORT3B	W	Did you get your mortgage through a State or local government program that provides lower cost mortgages? (1) Yes (2) No

MMORTA4A	W	Did you get the first mortgage the same year you bought your home? (1) Yes (2) No
MMORTA4B	W	With regard to the first mortgage, did you get a new mortgage or did you assume someone else's mortgage? (1) New (2) Assumed (3) Wrap around
MMORTA4C	W	How much was left to pay off when you assumed it? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORTA4D	W	How many years remained on the mortgage then? (1-40) Years
MMORTA4E	W	What year did you get the mortgage? (00-97) 1 Year
MMORTA4F		When you first obtained THIS mortgage how many years was it for? (1-40)
MMORTA4F@A	W	Years
MMORTA4F@X	W	Can Vary
MMORTA4G	W	At your current payments, how long would it take to pay off the loan? (1-40) Years
MMORTA4H	W	How much was borrowed? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORTA5		Does this mortgage cover-- (READ ANSWER CATEGORIES BELOW) (1) Yes (2) No
MMORTA5@1	W	Other homes or apartments besides this one?
MMORTA5@2	W	Farm land?
MMORTA5@3	W	A business on this property?
MMORTA6	W	How much of the ... applies just to your home? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORTA7		What is the current interest rate on the mortgage? (Rounded down to nearest 1/4 percent) (0 = no fraction, 1 = 1/4 percent 2 = 1/2 percent, 3 = 3/4 percent) percent
MMORTA7@1	W	
MMORTA7@2	W	
MMORTA8	W	What is the current monthly payment? (Include as much of PITI as they pay) (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MMORTA9A		Besides principal and interest, does the payment include: (READ ANSWER CATEGORIES) (1) Yes (2) No
MMORTA9A@1	W	Property taxes?
MMORTA9A@2	W	Homeowner's insurance?
MMORTA9A@3	W	Anything else? (exclude anything already mentioned)
MMORTA9B	W	How much were the other charges last year? (Exclude property tax and homeowner's insurance) (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00

Name	Seq#	Description
MMORTA10	W	Is the mortgage an FHA, VA, Farmers Home Administration Mortgage, or some other type? (1) FHA (2) VA (3) Farmer's Home Administration Mortgage (4) Some other type
MMORTA11	W	Did you borrow money from a bank or other organization OR did you borrow it from an individual? (1) Bank or Organization (2) Individual
MMORTA12	W	Was that the former owner of the home? (1) Yes (2) No
MMORTA13	W	Are the payments on this loan the same during the whole length of the mortgage? (1) Yes (2) No
MMORTA14		How do they change?
MMORTA14Q1	W	Mark (x) all the apply 1 Change in taxes or insurance, or due to decline in principle balance
MMORTA14Q2	W	2 Change based on interest rates
MMORTA14Q3	W	3 Rise at fixed schedule during part of loan
MMORTA14Q4	W	4 Rise at fixed schedule during whole length of loan
MMORTA14Q5	W	5 Last payment biggest
MMORTA14Q7	W	7 Other, specify
MMORTA14ASK1	W	Do they change for any other reason? (1) Yes (2) No
MMORTA14ASK5	W	Of the total amount you borrowed, what percentage will have to be paid off in this last payment? (1) 1-25 percent (2) 26-50 percent (3) 51-75 percent (4) 76-100 percent
MMORTB4A	W	Did you get the second mortgage the same year you bought your home? (1) Yes (2) No
MMORTB4B	W	With regard to the second mortgage, did you get a new mortgage or did you assume someone else's mortgage? (1) New (2) Assumed (3) Wrap around
MMORTB4C	W	How much was left to pay off when you assumed it? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORTB4D	W	How many years remained on the mortgage then? (1-40) Years
MMORTB4E	W	What year did you get the mortgage? (00-97) 1 Year
MMORTB4F		When you first obtained THIS mortgage how many years was it for? (1-40)
MMORTB4FQ A	W	Years
MMORTB4FQ X	W	Can Vary

MMORTB4G	W	At your current payments, how long would it take to pay off the loan? (1-40) Years
MMORTB4H	W	How much was borrowed? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORTB5		Does this mortgage cover-- (READ ANSWER CATEGORIES BELOW) (1) Yes (2) No
MMORTB5a1	W	Other homes or apartments besides this one?
MMORTB5a2	W	Farm land?
MMORTB5a3	W	A business on this property?
MMORTB6	W	How much of the ... applies just to your home? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORTB7		What is the current interest rate on the mortgage? (Rounded down to nearest 1/4 percent) (0 = no fraction, 1 = 1/4 percent 2 = 1/2 percent, 3 = 3/4 percent) percent
MMORTB7a1	W	
MMORTB7a2	W	
MMORTB8	W	What is the current monthly payment? (Include as much of PITI as they pay) (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MMORTB9A		Besides principal and interest, does the payment include (READ ANSWER CATEGORIES) (1) Yes (2) No
MMORTB9Aa1	W	Property taxes?
MMORTB9Aa2	W	Homeowner's insurance?
MMORTB9Aa3	W	Anything else? (exclude anything already mentioned)
MMORTB9B	W	How much were the other charges last year? (Exclude property tax and homeowner's insurance) (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORTB10	W	Is the mortgage an FHA, VA, Farmers Home Administration Mortgage, or some other type? (1) FHA (2) VA (3) Farmer's Home Administration Mortgage (4) Some other type
MMORTB11	W	Did you borrow money from a bank or other organization OR did you borrow it from an individual? (1) Bank or Organization (2) Individual
MMORTB12	W	Was that the former owner of the home? (1) Yes (2) No
MMORTB13	W	Are the payments on this loan the same during the whole length of the mortgage? (1) Yes (2) No
MMORTB14		How do they change?
MMORTB14a1	W	Mark (x) all the apply 1 Change in taxes or insurance, or due to decline in principle balance
MMORTB14a2	W	2 Change based on interest rates
MMORTB14a3	W	3 Rise at fixed schedule during part of loan
MMORTB14a4	W	4 Rise at fixed schedule during whole length of loan
MMORTB14a5	W	5 Last payment biggest
MMORTB14a7	W	7 Other, specify

MMORTB14ASK1	W	Do they change for any other reason? (1) Yes (2) No
MMORTB14ASK5	W	Of the total amount you borrowed, what percentage will have to be paid off in this last payment? (1) 1-25 percent (2) 26-50 percent (3) 51-75 percent (4) 76-100 percent
MMORTC15A	W	For the third mortgage, how much did you borrow? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORTC15B	W	What is your current monthly payment for the third mortgage? (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MMORTD15A	W	For the other mortgages, how much did you borrow? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORTD15B	W	What is your current monthly payment for the other mortgages? (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MMORT16A	W	How many home equity loans do you have? (1-100) Loans
MMORT16B1	W	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 it a line of credit, or lump sum? (1) Line of credit (2) Lump sum
MMORT16C1	W	What is your total credit limit on your ... equity loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORT16D1	W	How much was the lump sum ... (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORT16E1	W	Do you now have an outstanding loan borrowed against ... (1) Yes (2) No
MMORT16F1	W	What is your current (outstanding) balance ... (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORT16G1		What is the current interest rate ... (Round down to nearest 1/4 percent) (0 = no fraction, 1 = 1/4 percent 2 = 1/2 percent, 3 = 3/4 percent) percent
MMORT16G1a1	W	
MMORT16G1a2	W	

MMORT16H1	W	What was your last monthly payment? (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MMORT16B2	W	What kind of home equity loan is the second loan? Is it a line of credit, or lump sum? (1) Line of credit (2) Lump sum
MMORT16C2	W	What is your total credit limit on your second home equity loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORT16D2	W	How much was the lump sum on the second loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORT16E2	W	Do you now have an outstanding loan borrowed against the second loan? (1) Yes (2) No
MMORT16F2	W	What is your current (outstanding) balance on the second loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORT16G2		What is the current interest rate on the second loan? (Round down to nearest 1/4 percent) (0 = no fraction, 1 = 1/4 percent 2 = 1/2 percent, 3 = 3/4 percent) percent
MMORT16G2@1	W	
MMORT16G2@2	W	
MMORT16H2	W	What was your last monthly payment on the second loan? (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MMORT16B3	W	What kind of home equity loan is the third loan? Is it a line of credit, or lump sum? (1) Line of credit (2) Lump sum
MMORT16C3	W	What is your total credit limit on your third home equity loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORT16D3	W	How much was the lump sum on the third loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00
MMORT16E3	W	Do you now have an outstanding loan borrowed against the third loan? (1) Yes (2) No
MMORT16F3	W	What is your current (outstanding) balance on the third loan? (1-999997) \$1-999,997 (999,998) \$999,998 or more \$ .00

MMORT16G3		What is the current interest rate on the third loan? (Round down to nearest 1/4 percent) (0 = no fraction, 1 = 1/4 percent 2 = 1/2 percent, 3 = 3/4 percent) percent
MMORT16G3a1	W	
MMORT16G3a2	W	
MMORT16H3	W	What was your last monthly payment on the third loan? (1-9997) \$1-9997 (9998) \$9998 or more \$ .00
MNR11	v MNR11	I ... a few questions for Is ... available now? (1) Yes ASK: May I speak to ... please? (2) No
MNR12	v MNR12	One of the main housing problems today is the cost of housing compared to income What was your income before deductions in the past 12 months? TALKING TO: ... (0) None (1-999997) \$1-\$999,997 (999998) \$999,998 or more \$
MNR13	v MNR13	** ASK TO SPEAK TO ... AGAIN, IF NECESSARY ** READ IF APPROPRIATE: As I mentioned earlier, we are concerned about housing costs compared to income In case I'm not able to reach ... at a later time, what is your estimate of ... 's total income before deductions in the last 12 months? (0) None (1-999997) \$1-\$999,997 (999998) \$999,998 or more (U) (Unable to estimate) \$
MNR13ASK	v MNR13ASK	Is there anyone home now who could provide an estimate of ... 's income in the last 12 months? IF YES: ASK TO SPEAK TO PERSON, INTRODUCE YOURSELF USE THE F1 KEY TO RETURN TO MNR13 AND REASK (2) No

Each item in this section was computed from other items asked in the questionnaire

AGE	C18B D AGE	4844	Age of person 0:120 0-120 years old
BUILT	2910 B BUILT	4845	Year unit was built 1990:1998 1990-1998 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
BUMFL	d BUMFL	4846	Relative contributes to hhld support 0 Yes 1 No
CTRLNUM	b CTRLNUM	4847	Control number
DATE	0010 B DATE	4848	Interview date 010197:123197 Janaury 1, 1997 - December 31, 1997
DLINE1	C9D B DLINE1	4849	Line # of person 1:30 1-30
FAM_GRP	d FAMGRP	4850	Recent mover group
GRAD	D GRAD	4851	Educational level of person 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 vocational, technical, trade or business school 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)
I_INTDATE	b IINTDATE	4852	Prior year interview date
MAR	C22 d MAR	4853	Marital status of person 1 Married, SPOUSE PRESENT 2 Married, SPOUSE ABSENT 3 Widowed 4 Divorced 5 Separated 6 Never married
MHPARK	b MHPARK	4854	Mobile home is in a park
MIS	B MIS	4855	Month in sample flag
MOVE	D MOVE	4856	Year person moved in 1800:1998 1800-1997 .X Person born here
MOVMM	C26 D MOVMM	4857	Month person moved in 1:12 January-December

MOVYR	D MOVYR	4858	Year person moved in 1800:1998 1800-1997 .X Person born here
MVCNT1	B MVCNT1	4859	# of people in mover group #1
MVCNT2	B MVCNT2	4860	# of people in mover group #2
MVCNT3	B MVCNT3	4861	# of people in mover group #3
NOINT	0050 B NOINT	4862	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
NUNIT2	1210 b NUNIT2	4863	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 One-unit mobile home 5 Two or more unit mobile home
NUNITS	1140 B NUNITS	4864	# of units in building
OCCSTAT	B OCCSTAT	4865	Occupancy status 1 Occupied 2 Vacant
OUT_AFUEL	1770 b AFUEL	4866	Type of fuel used for air conditioning 1 Electricity 2 Gas, LP Gas (liquid propane) 3 Other, (Specify)
OUT_AIR	1780 B AIR	4867	Room air conditioner 1 Yes 2 No
OUT_AIRSYS	1760 b AIRSYS	4868	Central air conditioner 1 Yes ....ll temp4] 2 No 3 Don't know
OUT_AMMORT1	3250 I AMMORT	4869	Amount of 1st mortgage when acquired 1:999997 \$1-999,997 999,998 \$999,998 or more
OUT_AMMORT2	3250 I AMMRT2	4870	Amount of 2nd mortgage when acquired 1:999997 \$1-999,997 999,998 \$999,998 or more

OUT_AMTI	3660 B AMTI	4871 Annual cost of homeowners insurance 1:9997 \$1-\$9,997 9998 \$9,998 or more
OUT_APTFL	b APTFL	4872 # of floors in the apartment itself 1:3 1-3 4 4 or more
OUT_ATBASUN	B ATBSUN	4873 # of unfinished attics/basements in unit 0:5 0-5 Unfinished Attics/Basements
OUT_BADSTEP	b BADSTP	4874 Loose/brkn/missng steps in common stairs
OUT_BATHS	1250 B BATHS	4875 # of full bathrooms in unit 0:10 0-10 Full Bathrooms
OUT_BEDRMS	1240 B BEDRMS	4876 # of bedrooms in unit 0:10 0-10 Full Bedrooms
OUT_BIGP	1960 b BIGP	4877 Area of peeling paint larger than 8 x 11 1 Yes 2 No
OUT_BSINK	b BSINK	4878 Unit has a bathroom sink 1 Yes 2 No
OUT_BURNER	1650 b BURNER	4879 Unit has workng built-in cooking burners 1 Yes 2 No
OUT_BUY1	3650 B BUY1	4880 Hhld has homeowners insurance 1 Yes 2 No
OUT_BUYT2	4380 B BUYT2	4881 Pay for garbage/trash separately 1 Yes 2 No
OUT_BUYW2	4330 B BUYW2	4882 Pay for water/sewage separately 1 Yes 2 No
OUT_CAMF	3555 B CAMF	4883 Frequency of assoc/mobile home park fee 1:52 1-52 times per year 53 53 times or more
OUT_CELLAR	1220 B CELLAR	4884 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)
OUT_CFUEL	1670 b CFUEL	4885 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
OUT_CLIMB	4800 b CLIMB	4886 # of floors from main entrance to apt 0 Same floor 1:20 1-20 21 21 or more

OUT_CONFEE	3600 B CONFEE	4887	Condo/homeowners assoc/mobile home fee 1:9996 \$1-\$9,996 9997 Include in mobile home rent 9998 \$9,998 or more
OUT_COOK	1630 b COOK	4888	Unit has working cookstove or range/oven
OUT_CPRICE	B CPRICE	4889	Cost of construction plus value of land
OUT_CUSHOM	B CUSHOM	4890	How owner obtained unit
OUT_DENS	1310 B DENS	4891	# of dens/libraries/tv rooms in unit 0:5 0-5 Dens/Libraries/TV Rooms
OUT_DFUEL	1750 b DFUEL	4892	Fuel used by clothes dryer 1 Electricity 2 Gas, LP gas (liquid propane) 3 Other - SPECIFY
OUT_DINING	1290 B DINING	4893	# of dining rooms in unit 0:5 0-5 Dining rooms
OUT_DISH	1690 b DISH	4894	Unit has working dishwasher 1 Yes 2 No
OUT_DISPL	1610 b DISPL	4895	Unit has working garbage disposal 1 Yes 2 No
OUT_DRY	1730 b DRY	4896	Unit has working clothes dryer 1 Yes 2 No
OUT_DWNPAY	2960 B DWNPAY	4897	Main source of downpayment on unit
OUT_EABAN	4930 b EABAN	4898	Abandoned/vandalized bldgs withn 1/2 blk
OUT_EAGE	4920 b EAGE	4899	Hhld about same age as nearby hhlds
OUT_EBARCL	4940 b EBARCL	4900	Bldgs w/ bars on windows within 1/2 blk
OUT_EGOOD	4840 b EGOOD	4901	No listed conditions seen in/on unit
OUT_EJUNK	4960 b EJUNK	4902	Trash/junk in streets/prprty in 1/2 blk
OUT_ELOW	4890 b ELOW	4903	Nearby apartment bldgs < 4 stories tall
OUT_FAFUR	B FAFUR	4904	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)
OUT_FAMRM	B FAMRM	4905	# of family rooms/great rooms in unit 0:5 0-5 Family rooms/ Great rooms
OUT_FCOOKST	B FCOOKST	4906	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)

OUT_FELECT	B FELECT	4907 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)
OUT_FFLIN	B FFLIN	4908 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)
OUT_FFLOT	B FFLOT	4909 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)
OUT_FFRPL	B FFRPL	4910 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)
OUT_FFRPLI	B FFRPLI	4911 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)
OUT_FHOTH	B FHOTH	4912 Fuel	used by other supp heating equipmnt
			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)
OUT_FHPMP	B FHPMP	4913 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)

OUT_FLOORS	4780 B FLOORS	4914 # of stories in building 1:20 1 TO 20 21 21 or more
OUT_FLRENT	3630 B FLRENT	4915 Frequency of land/site rent payment 1:52 1-52 times per year 53 53 times or more
OUT_FMHOTF	2518 B FMHOTF	4916 Avg regular cost of othr requird mh fees 1:52 1-52 times per year 53 53 times or more
OUT_FPLF	B FPLF	4917 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)
OUT_FPLWK	1830 B FPLWK	4918 Unit has useable fireplace 1 Yes 2 No
OUT_FPORTH	B FPORTH	4919 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)
OUT_FREEZE	1880 b FREEZE	4920 Unit cold for 24+ hrs was uncomfortable 1 Yes 2 No
OUT_FRPL	b FRPL	4921 Fireplace does not have inserts X No, none have inserts
OUT_FRPLI	b FRPLI	4922 Fireplace has inserts X Yes, some or all with inserts
OUT_FR SIT	2900 b FR SIT	4923 First site mobile home ever placed on 1 Yes, first site 2 No, moved from another site 3 Don't know
OUT_FRSTHO	2970 B FRSTHO	4924 Ever owned home before
OUT_FRSTOC	2920 b FRSTOC	4925 Current occupants are first occupants
OUT_FSTEAM	B FSTEAM	4926 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)
OUT_FSTOVE	B FSTOVE	4927 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)

OUT_HALB	b HALB	4928	# of additional half bathrooms in unit 1 Yes 2 No
OUT_HALFB	1260 B HALFB	4929	# of half bathrooms in unit 0:10 0-10 Half Bathrooms
OUT_HEQUIP	1840 B HEQUIP	4930	Main heating equipment 1 Forced warm-air furnace with ducts and vents to individual rooms 2 Steam/hot water system with radiators OR other system using steam/hot water 3 Electric heat pump 4 Built-in elec. baseboard heat or elec. 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) 15 Don't know if electric forced warm-air furnace or electric heat pump
OUT_HFUEL	1800 b HFUEL	4931	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
OUT_HOTPIP	1470 b HOTPIP	4932	Unit has hot & cold running water 1 Yes 2 No
OUT_HOWH	1980 B HOWH	4933	Rating of unit as a place to live
OUT_IFFEE	3570 b IFFEE	4934	Condo/co-op/assoc/mh park fee required 1 Yes 2 No
OUT_IFOTHF	2517 B IFOTHF	4935	Other mobile home fees required 1 Yes 2 No
OUT_IFTLT	1370 b IFTLT	4936	Any toilet breakdowns in last 3 months 1 Yes 2 No
OUT_ILEAK	1450 b ILEAK	4937	Any inside water leaks in last 12 months 1 Yes 2 No
OUT_KITCH	1270 B KITCH	4938	# of kitchens in unit 0:5 0-5 Kitchens
OUT_LAUNDRY	B LAUNDRY	4939	# of laundry/utility rooms in unit 0:5 0-5 Laundry/utility rooms
OUT_LEAK	1430 b LEAK	4940	Any outside water leaks in last 12 mths 1 Yes 2 No
OUT_LIVING	1280 B LIVING	4941	# of living rooms in unit 0:5 0-5 Living rooms

OUT_LPRICE	2950 B LPRICE	4942	Purchase price of unit and land
OUT_LRENT	3640 B LRENT	4943	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
OUT_LTSOK	4790 b LTSOK	4944	Hallway lights working
OUT_MHOTFE	2519 B MHOTFE	4945	Amount of other required mh fees 1:997 \$1-\$997 998 \$998 or more
OUT_NOMORE	b NOMORE	4946	No more types of supp heating equipment X No more types of heating equipment
OUT_NONE	b NONE	4947	No supplemental heating equipment X No more types of heating equipment
OUT_NOWIRE1	1390 b NOWIRE	4948	Elctrcl wirng conceald by walls/coverngs 1 Yes 2 No 3 No electrical wiring
OUT_NUMAIR	1790 B NUMAIR	4949	# of room air conditioners 1:7 8 8 or more
OUT_OAFUEL	B OAFUEL	4950	Fuel used by other central a/c unit 1 Electricity 2 Gas, LP Gas (liquid propane (LP) same as bottled gas) 3 Other: specify
OUT_OFFICE	B BUSIN	4951	# of offices/business rooms in unit 0:5 0-5 Offices/Business rooms
OUT_OTHRFIN	B OTHFN	4952	# of other finished rooms in unit 0:5 0-5 Other Finished rooms
OUT_OTHRUN	B OTHRUN	4953	# of other unfinished rooms in unit 0:5 0-5 Other UNfinished rooms
OUT_OVEN	1640 b OVEN	4954	Unit has a working microwave oven 1 Yes 2 No
OUT_OWNER	4400 j OWNER	4955	Owner/resident manager lives on-site 1 Yes 2 No
OUT_PAFUR	B PAFUR	4956	Forced air furnace is parallel supp eqp 1 Yes
OUT_PCOOKST	B PCOOKST	4957	Cookstove is parallel supp heating equip 1 Yes
OUT_PSELECT	B PSELECT	4958	Built-in electric unit is parallel eqp 1 Yes
OUT_PFLOT	B PFLOT	4959	Vented room heatr is parallel supp equip 1 Yes
OUT_PFRPL	b PFRPL	4960	Fireplace without inserts is parallel eqp 1 Yes
OUT_PFRPLI	b PFRPLI	4961	Fireplace w/ inserts is parallel equip 1 Yes

1997 Quest'naire	1995 Name	Seq#	Description
OUT_PHOTH	B PHOTH	4962	Some other type is parallel supp equip 1 Yes
OUT_PHPMP	B PHPMP	4963	Heat pump is parallel supp equipment 1 Yes
OUT_PORCH	1930 b PORCH	4964	Unit has porch/deck/balcony/patio 1 Yes 2 No
OUT_PPLF	B PPLF	4965	Pipeless furnace is parallel supp equip 1 Yes
OUT_PREOCC	B PREOCC	4966	Received unit as gift or purchased it
OUT_PSTEAM	B PSTEAM	4967	Steam/hot water system is parallel equip 1 Yes
OUT_PSTOVE	B PSTOVE	4968	Woodburning stove is parallel supp equip 1 Yes
OUT_PUBSEW	1540 b PUBSEW	4969	Unit connected to public sewer 1 Yes 2 No
OUT_RAILOK	4830 b RAILOK	4970	Railings on common stairs firmly attachd
OUT_RECRM	B RECRM	4971	# of recreation rooms in unit 0:5 0-5 Recreation rooms
OUT_REFR	1590 b REFR	4972	Unit has a working refrigerator 1 Yes 2 No
OUT_SAFUR	1850 B SAFUR	4973	Forced air furnace is supp heating equip 2 No
OUT_SAL	3950 D SAL	4974	Wage & salary income of person 0 None 1,999997 \$1-\$999,997 999998 \$999,998 or more
OUT_SAL2	D SAL2	4975	Wage & salary income of person 0 None 1,999997 \$1-\$999,997 999998 \$999,998 or more
OUT_SCOOKST	B SCOOKST	4976	Cookstove is supplemental heating equip 2 No
OUT_SELECT	1850 B SELECT	4977	Builtin electric units are supp heat eqp 2 No
OUT_SEWDIS	1550 b SEWDIS	4978	Type of sewage disposal 1 Septic tank 2 Cesspool 3 Chemical toilet 4 Outhouse or privy 5 Other; SPECIFY 6 None
OUT_SFLIN	1850 B SFLIN	4979	Unvented room heaters are supp heat eqp 2 No
OUT_SFLOT	1850 B SFLOT	4980	Vented room heaters are supp heat equip 2 No
OUT_SHOTH	1850 B SHOTH	4981	Some other type is supp heating equipmnt 2 No

OUT_SHPMP	1850 B SHPMP	4982 Heat pump is supplemental heating equip 2 No
OUT_SINK	1340 b SINK	4983 Unit has kitchen sink 1 Yes 2 No
OUT_SPLF	1850 B SPLF	4984 Pipeless furnace is supp heating equip 2 No
OUT_SPORTH	1850 B SPORTH	4985 Portable heaters are supp heating equip 2 No
OUT_SSTEAM	1850 B SSTEAM	4986 Steam/hot water system is supp heat eqp 2 No
OUT_SSTOVE	1850 B SSTOVE	4987 Woodburning stove is supp heating equip 2 No
OUT_STORAGE	B STORG	4988 # of storage rooms/pantries in unit 0:5 0-5 Storage rooms/Pantries
OUT_TOILET	1360 b TOILET	4989 Unit has a flush toilet 1 Yes 2 No
OUT_TRASH	b TRASH	4990 Unit has working built-in trash compactr 1 Yes 2 No
OUT_TUB	1350 b TUB	4991 Unit has a bathtub or shower 1 Yes 2 No
OUT_VALUE	3100 B VALUE	4992 Current market value of unit
OUT_VOTHER	4230 B VOTHER	4993 Total amount of other income 0:999997 \$0 - \$999,997 999998 \$999,998 or more
OUT_WASH	1710 b WASH	4994 Unit has a working washing machine 1 Yes 2 No
OUT_WATER	1510 b WATER	4995 Source of water for unit 1 Public water system (includes city water) 2 Private water system 3 Individual well 4 Spring 5 Cistern 6 Stream or lake 7 Commercial bottled water 8 Other source - specify
OUT_WELDUS	1520 b WELDUS	4996 # 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
OUT_WFUEL	1480 b WFUEL	4997 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

OUT_WHNGET	B	WHNGET	4998	Year unit bought/obtained/received
PAR	C16	D PAR	4999	Line number of parent of person 1:30 1-30
PLINE	3940	D PLINE	5000	Line number of person 1:30 1-30
RACE	d	RACE	5001	Race of person 1 White 2 Black 3 American Indian, Aleut, or Eskimo 4 Asian or Pacific Islander 5 Other Race
REL	C13	D REL	5002	Relationship of person to reference person 01 Reference person with relatives in household 02 Reference person without relatives in household 20 Spouse (Husband/Wife) 21 Unmarried Partner 22 Child 23 Grandchild 24 Parent (Mother/Father) 25 Brother/Sister 26 Other Relative of Reference Person (Uncle, cousin, mother-in-law, 27 Foster child 28 Housemate/Roomate 29 Roomer/Boarder 30 Other Non-Relative of Reference Person
RMOV_LN	h	MOVGRP	5003	Line # of person in mover group
SEX	C19	d SEX	5004	Sex of person 1 Male 2 Female
SPAN	C21	d SPAN	5005	Spanish origin of person 1 Yes 2 No
SPECPLAC	b	SPECPLAC	5006	Unit is in a special place
SPOS	C23	D SPOS	5007	Line number of spouse of person 1:30 1-30
STATUS	C8A	b STATUS	5008	Interview status 1 Occupied interview 2 URE (Usual Residence Elsewhere) interview 3 Vacant interview 4 Noninterview
TEN	C17	d TEN	5009	This person is owner/renter of unit X Person owns or rents unit
TENURE	C8B	b TENURE	5010	Owner/renter status of unit
TOTRMOV	B	TOTRMOV	5011	# people moved into unit in last 2 years
TYPE	C7C	B TYPE	5012	Structure type 1 One-unit mobile home 2 One-unit building, detached from any other building 3 One-unit building, attached to one or more buildings 4 Building/mobile home with two or more apartments

## APPENDIX A. DEFINITIONS

This is a temporary appendix that includes most of the definitions for the American Housing Survey (AHS). The review of the 1997 data is not complete, therefore, **this appendix is not complete and is subject to revisions and corrections as problems which affect the data are identified.** At a later time revisions will be released.

Most questions had new wording in 1997, compared to earlier surveys. Also, new question and answer categories were added, and all questions were read from (and answers entered in) portable computers. The AHS questionnaire is in a computer program which runs on the field representatives' portable computers. The survey's field representatives were instructed to read the questions exactly as worded. For a discussion of historical changes, see appendix C. The exact wording of the questions and numerous explanations ('help' screens) are printed in the *Codebook for the American Housing Survey, Volume 3*. See 'Where to Get AHS Data.' The definitions and explanations given here are, to a considerable extent, drawn from the questionnaire and the *1997 AHS Field Representative Manual*.

The definitions are alphabetized by the titles used in printed books of summary tables. Some cross references are provided, and if you do not find the topic you want, try related topics. The definitions apply to books of 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 age 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 compare their home to other residential buildings within 300 feet of the sample unit. They classified their home as "Older," "Younger," "About the same," or answered "Very Mixed." The categories of "Older" and "Younger" indicate the sample unit appears to be decidedly younger or older than the homes within 300 feet. "Very mixed" indicates the age varies. The question was asked only if earlier questions found there were other residential buildings within 300 feet.

**Amenities:** See Selected.

### Amount of Savings and Investments

These data are only collected 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 property, second homes, real estate, antiques, art, certificates of deposit, IRA or KEOGH accounts, commodities, etc. Investments exclude the home they are interviewed in, 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.

### Bedrooms

The number of bedrooms in the 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. 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.

**Buildings:** See Bars, Common, External, Year.

**Business:** See Income, Other, 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 well as 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.

**Census:** See Comparability.

### Central Cities

*National books and microdata.* Since 1985 the national AHS has used the official list of central cities published on 6/27/83 by the Office of Management and Budget as *OMB Bulletin 83-20*. That list was developed from definitions published 1/3/80 in the *Federal Register* volume 45, pages 956-963. AHS still uses these 1983 boundaries in order to measure change consistently over time.

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 persons 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.