

COVER SHEET

2007 AHS

*Blaise Summary-Level Specifications Report*

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**Name:** DATE

**SAS Name:** DATE

**Universe Description:**

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**Name:** STARTTIM

**SAS Name:** STARTTIM

**Universe Description:**

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**Name:** PERSINT

**SAS Name:** PERSINT

**Universe Description:**

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**Name:** SDESIG

**SAS Name:** SDESIG

**Universe Description:** All cases.

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**Name:** REPLHH

**SAS Name:** REPLHH

**Universe Description:** All cases.

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**Name:** STARTCP

**SAS Name:** STARTCP

**Universe Description:** All unresolved cases.

**Question Text:** CENSUS CAPI SYSTEM

AMERICAN HOUSING SURVEY - ^YEAR INSTRUMENT

CASE STATUS: ^MSTATUS

DATE: ^DATEFILL

TIME: ^TIMEFILL

**Answer List:** STARTCP

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| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             | Telephone        | Telephone Interview |

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|   |          |   |
|---|----------|---|
| 2 | Personal | Personal Interview                        |
| 3 | Transmit | Ready to transmit case - no more followup |
| 4 | Quit     | Quit: Do not attempt now                  |

**Skip Instructions:** If STARTCP in [1,2] and OUTCOME in [200,202] and MARK < 14 and INCSAM = 0 and I\_ISTATUS = 1 OR  
 If STARTCP = 1 and RESPLINE >= 1 and OUTCOME = 204 and MARK = 14 Then  
     SHOWROSCP  
 Elseif STARTCP = 1 and OUTCOME in [200,202] and MARK < 14 and (INCSAM = 1 or (INCSAM = 0 and I\_ISTATUS <> 1)) Then  
     NEEDPV  
 Elseif STARTCP = 2 and OUTCOME in [200,202] and MARK < 14 and (INCSAM = 1 or (INCSAM = 0 and I\_ISTATUS <> 1)) Then  
     GENINTRO  
 Elseif STARTCP = 1 and OUTCOME = 204 and MARK = 14 and RESPLINE <> [1..30] OR  
 If STARTCP = 1 and OUTCOME = 205 and MARK in [16..18] Then  
     DIALCP  
 Elseif STARTCP = 2 and OUTCOME = 204 and MARK = 14 OR  
 If STARTCP = 2 and OUTCOME = 205 and MARK in [16..18] Then  
     INTROPT  
 Elseif STARTCP = 3 and OUTCOME <> [200,202] and MARKTWO <> 00 Then  
     TRANS  
 Elseif STARTCP = 3 and (OUTCOME = [200,202] or (OUTCOME in [204,205] and MARKTWO = 00)) Then  
     E\_STARTCP  
 Elseif STARTCP = 4 Then  
     Exit Interview

**Name:** SHOWROSCP

**SAS Name:**

**Universe Description:** All returning cases and callbacks to complete partial interviews where a respondent has been identified.

**Question Text:** STATUS OF HOUSEHOLD COMPOSITION

HH R LN NAME SEX REL AGE MAR LPR

^HH ^RESP ^LN ^NAMEFILL ^GENDER ^RELATION ^AGE ^MARSTAT ^PAR

**Answer List:** Continue

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | Enter 1 to continue |

**Skip Instructions:** If SHOWROSCP = 1 and STARTCP = 1 Then  
     DIALCP

Elseif SHOWROSCP = 1 and STARTCP = 2 Then  
GENINTRO

---

**Name:** NEEDPV

**SAS Name:** PV

**Universe Description:** First contacts to complete a telephone interview, restricted to returning cases that were not reg,occ interviews last time.

**Question Text:** This case requires a personal visit UNLESS this is a last resort  
^UNLESS

**Answer List:** NEEDPV

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| Value: | Mnemonic: | Description:                       |
|--------|-----------|------------------------------------|
| 1      |           | Enter 1 to continue                |
| 2      |           | Enter 2 to quit if not last resort |

---

**Skip Instructions:** If NEEDPV = 2 Then  
Exit Interview  
Elseif NEEDPV = 1 Then  
DIALCP

---

**Name:** DIALCP

**SAS Name:** DIALCP

**Universe Description:** All telephone interviews.

**Question Text:** ^Dial ^PHONEFILL ^ext ^HO

^RESIDENT: ^RESPONDENT

ADDRESS: ^ADDRESSFILL TIME: ^TIMEFILL

**Answer List:** DIALCP

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| Value: | Mnemonic:    | Description:                                     |
|--------|--------------|--|
| 1      | Answer       | Someone answers                                  |
| 2      | Machine      | No contact/Answering machine                     |
| 3      | Number       | Recorded message announcing new telephone number |
| 4      | Disconnected | Telephone disconnected                           |
| 5      | Quit         | Not attempted now                                |

---

**Skip Instructions:** If DIALCP in [2,4,5] Then  
Exit Interview  
Elseif DIALCP = 3 Then  
NWCPAR

Elseif DIALCP = 1 and OUTCOME = 204 and MARK = 14 and RESPLINE >= 1 OR  
If DIALCP = 1 and INCSAM = 0 and I\_ISTATUS = 1 and OUTCOME in [200,202] and  
MARK < 14 Then  
HELLOCP  
Elseif DIALCP = 1 and (INCSAM = 1 or (INCSAM = 0 and I\_ISTATUS <> 1)) Then  
GENINTRO  
Elseif DIALCP = 1 and OUTCOME = 204 and MARK = 14 and RESPLINE <> [1..30]  
OR  
If DIALCP = 1 and OUTCOME = 205 and MARK in [16..18] Then  
INTROPT

---

**Name:** AREA  
**SAS Name:** AREA  
**Universe Description:**

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**Name:** PREFIX  
**SAS Name:** PREFIX  
**Universe Description:**

---

**Name:** SUFFIX  
**SAS Name:** SUFFIX  
**Universe Description:**

---

**Name:** EXTN  
**SAS Name:** EXTN  
**Universe Description:**

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**Name:** NWCPAR  
**SAS Name:** NWCPAR  
**Universe Description:** Indicated new number at telephone dialing info screen.

**Question Text:** What is your new telephone number?

^Old ^PHONEFILL      ^ext

Enter area code

**Skip Instructions:** If NWCPAR in [100..999] Then  
NWCPNUM

---

**Name:** NWCPNUM  
**SAS Name:** NWCPNUM  
**Universe Description:** Entered area code at new area code screen.

**Question Text:** (What is your NEW TELEPHONE NUMBER?)

^Old ^PHONEFILL      ^ext

Enter phone number

**Skip Instructions:** If NWCPNUM in [1000000..9999999] Then  
NWCPEXT

---

**Name:** NWCPEXT

**SAS Name:** NWCPEXT

**Universe Description:** Entered a number at new telephone number screen.

**Question Text:** (What is your NEW TELEPHONE NUMBER?)

^Old ^PHONEFILL      ^ext

Enter extension

**Skip Instructions:** If (HHRESP >= 1 and OUTCOME = 204 and MARK = 14) or (INCSAM = 0 and I\_ISTATUS = 1) Then  
HELLOCP  
If INCSAM = 0 and I\_ISTATUS <> 1 Then  
GENINTRO  
If (HHRESP = Empty and OUTCOME = 204 and MARK = 14) or (OUTCOME = 205 and MARK in [16..18]) Then  
INTROPT

---

**Name:** DIALNEW

**SAS Name:** DIALNEW

**Universe Description:** Indicated new number at telephone dialing info screen.

**Question Text:** s Enter 1 to continue

**Answer List:** Continue

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| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Name:** HELLOCP

**SAS Name:** HELLOCP

**Universe Description:** First contacts and callbacks to complete interview by telephone.

**Question Text:** Hello, I'm ..... from the U. S. Census Bureau.

May I speak to ^RESPONDENT?

**Answer List:** HELLOCP

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                               |
|---------------|------------------|---|
| 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 HH - Entire household moved out       |

**Skip Instructions:** If HELLOCP in [3..5] Then  
RTNUMCP  
Elseif HELLOCP = 7 Then  
PVCB  
Elseif HELLOCP in [1,2] and OUTCOME in [200,202] and MARK < 14 Then  
GENINTRO  
Elseif HELLOCP in [1,2] and OUTCOME = 204 and MARK = 14 Then  
INTROPT  
Elseif HELLOCP = 6 Then  
NONTYPE

---

**Name:** RTNUMCP

**SAS Name:** RTNUMCP

**Universe Description:** Answered not home, unknown, or moved to introductory question.

**Question Text:** ^Available

R LN NAME AGE  
^RESP ^LN ^NAMEFILL ^AGE

**Answer List:** RTNUMCP

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>  |
|---------------|------------------|--|
| 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            |
| 4             |                  | Refused  |

**Skip Instructions:** If RTNUMCP = 4 Then  
Exit Interview  
Elseif RTNUMCP = 2 and OUTCOME in [200,202] and MARK < 14 Then  
HELPRTCP  
Elseif RTNUMCP = 3 Then

PVCB  
 Elseif RTNUMCP = 1 and OUTCOME in [200,202] and MARK < 14 Then  
 GENINTRO  
 Elseif RTNUMCP = 1 and OUTCOME = 204 and MARK = 14 Then  
 INTROPT  
 Elseif RTNUMCP = 2 and OUTCOME = 204 and MARK = 14 Then  
 APNTMT

**Name:** HELPRTCP  
**SAS Name:** HELPRTCP  
**Universe Description:** Answered unavailable in question about respondent availability.

**Question Text:** 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.

Would you or someone else there now qualify?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If HELPRTCP = Yes Then  
 GENINTRO  
 Elseif HELPRTCP = No Then  
 APNTMT

**Name:** PVCB  
**SAS Name:** CB  
**Universe Description:** Answered that person moved in question about respondent availability or that entire household moved to FR introduction screen.

**Question Text:** We are taking a survey of housing in the United States. I need to make a personal visit to complete the interview.

**Answer List:** Continue

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | Enter 1 to continue |

**Skip Instructions:** If PVCB = Continue Then  
 APNTMT

**Name:** GENINTRO

**SAS Name:**

**Universe Description:** Initial contacts with household.

**Question Text:** We are taking a survey of housing in the United States.  
I have some questions I would like to ask you.

Did your household receive our letter?

Identify yourself - if personal, show id.

If household did not receive the letter, provide  
a copy and allow time to read.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If GENINTRO = Continue Then  
INTROB

---

**Name:** INTROPT

**SAS Name:** INTROPT

**Universe Description:** All callbacks where a partial interview has been conducted.

**Question Text:** I'm contacting you to complete the American Housing Survey!

^CbInstr

^CbReas

^CbInfo

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If INTROPT = Continue Then  
INTROB

---

**Name:** INTROB

**SAS Name:** INTROB

**Universe Description:** First contacts and Call backs to complete interview.



**Question Text:** Is ^CALLBACK respondent ready to complete interview?

Enter 1 to continue with a Regular/Occupied interview

Enter 3 to complete a Vacant interview

Enter 4 to complete a Noninterview

**Answer List:** INTROB

| Value: | Mnemonic:    | Description:                                    |
|--------|--------------|---|
| 1      | Continue     | Continue interview                              |
| 2      | Inconvenient | Inconvenient time; callback needed              |
| 3      | Vacant       | Vacant  |
| 4      | Noninterview | Noninterview                                    |
| 5      | URE          | URE Interview                                   |
| 6      | Reluctant    | Reluctant respondent; hold for refusal followup |
| 7      | Other        | Other outcome or problem                        |
| 8      | Wrong        | Wrong address (wrong case selected)             |

**Skip Instructions:** If INTROB in [1,3] Then  
VERADD  
Elseif INTROB = 4 Then  
NONTYPE  
Elseif INTROB = 5 Then  
Continue Interview  
Elseif INTROB = 6 Then  
Exit Interview  
Elseif INTROB in [7,8] Then  
EXITHANKCP  
Elseif INTROB = 2 Then  
APNTMT

**Name:** VERADD

**SAS Name:** VERADD

**Universe Description:** Regular occupied,URE, and vacant interviews.

**Question Text:** I have ^your\_the\_that address listed as:

^ADDRESSFILL

Is that ^your\_the\_that correct address?

**Answer List:** VERADD

| Value: | Mnemonic: | Description:  |
|--------|-----------|---|
| 1      |           | Yes, address is EXACTLY CORRECT as listed               |
| 2      |           | Address is MOSTLY CORRECT, but needs some minor changes |

**Skip Instructions:** If VERADD = 2 Then  
NEWADD  
Elseif VERADD = 1 and INTROB <> 4 and INCSAM = 0 Then  
MAILADDR  
Elseif VERADD = 1 and INTROB <> 4 and INCSAM = 1 Then  
MAILADD1  
Elseif VERADD = 1 and INTROB = 4 Then  
NONTYPE  
Elseif VERADD = 3 Then  
EXITHANKCP

---

**Name:** NWADDST1

**SAS Name:** NWADDST1

**Universe Description:** Indicated incorrect address at address verification question.

**Question Text:** What is your NEW ADDRESS?

OLD ADDRESS: ^ADDRESSFILL

Enter the house number

**Skip Instructions:** If NWADDST1 is onpath Then  
NWADDST2

---

**Name:** NWADDST2

**SAS Name:** NWADDST2

**Universe Description:** Indicated incorrect address at address verification question.

**Question Text:**

OLD ADDRESS: ^ADDRESSFILL

Enter the house number suffix

**Skip Instructions:** If NEWADDST2 is onpath Then  
NEWADDST3

---

**Name:** NWADDST3

**SAS Name:** NWADDST3

**Universe Description:** Indicated incorrect address at address verification question.

**Question Text:**

OLD ADDRESS: ^ADDRESSFILL

Enter the street name

**Skip Instructions:** If NWADDST3 is onpath Then  
NWADDST4

---

**Name:** NWADDST4

**SAS Name:** NWADDST4

**Universe Description:** Indicated incorrect address at address verification question.

**Question Text:**

OLD ADDRESS: ^ADDRESSFILL

Enter the unit designation

**Skip Instructions:** If NWADDST4 is onpath Then  
NWADDST5

---

**Name:** NWADDST5

**SAS Name:** NWADDST5

**Universe Description:** Indicated incorrect address at address verification question.

**Question Text:** (What is your NEW ADDRESS?)

OLD ADDRESS: ^ADDRESSFILL

s Enter the non-city style address

**Skip Instructions:** If NWADDST5 is onpath Then  
NWADDST6

---

**Name:** NWADDST6

**SAS Name:** NWADDST6

**Universe Description:** Indicated incorrect address at address verification question.

**Question Text:** (What is your NEW ADDRESS?)

OLD ADDRESS: ^ADDRESSFILL

s Enter the GQ unit description

**Skip Instructions:** If NWADDST6 is onpath Then  
NWADDPHY

---

**Name:** NWADDPHY

**SAS Name:** NWADDPHY

**Universe Description:** Indicated incorrect address at address verification question.

**Question Text:** (What is your NEW ADDRESS?)

OLD ADDRESS: ^ADDRESSFILL

Enter the physical description

**Skip Instructions:** If NWADDPHY is onpath Then  
NWADDCT

---

**Name:** NWADDCT

**SAS Name:** NWADDCT

**Universe Description:** Indicated incorrect address at address verification question.

**Question Text:** (What is your NEW ADDRESS?)

OLD ADDRESS: ^ADDRESSFILL

Enter the city

**Skip Instructions:** If NWADDCT is onpath Then  
NWADDST

---

**Name:** NWADDST

**SAS Name:** NWADDST

**Universe Description:** Indicated incorrect address at address verification question.

**Question Text:** (What is your NEW ADDRESS?)

OLD ADDRESS: ^ADDRESSFILL

Enter the state

**Skip Instructions:** If NWADDST is onpath Then  
NWADDZP5

---

**Name:** NWADDZP5

**SAS Name:** NWADDZP5

**Universe Description:** Indicated incorrect address at address verification question.

**Question Text:** (What is your NEW ADDRESS?)

OLD ADDRESS: ^ADDRESSFILL

Enter the five digit zip code

**Skip Instructions:** If NWADDZP5 is onpath Then  
NWADDZP4

---

**Name:** NWADDZP4

**SAS Name:** NWADDZP4

**Universe Description:** Indicated incorrect address at address verification question.

**Question Text:** (What is your NEW ADDRESS?)

OLD ADDRESS: ^ADDRESSFILL

Enter the four digit zip code extension

**Skip Instructions:** If NWADDZP4 is onpath Then  
NWADDBN

---

**Name:** NWADDBN

**SAS Name:** NWADDBN

**Universe Description:** Indicated incorrect address at address verification question.

**Question Text:** (What is your NEW ADDRESS?)

OLD ADDRESS: ^ADDRESSFILL

s Enter the building name

**Skip Instructions:** If NWADDBN is onpath and INCSAM = 1 Then  
MAILADD1  
Elseif NWADDBN is onpath and INCSAM = 0 Then  
MAILADDR

---

**Name:** MFLAG

**SAS Name:** MFLAG

**Universe Description:**

---

**Name:** MAILADDR

**SAS Name:**

**Universe Description:** Returning cases with correct addresses. Exclude noninterviews.

**Skip Instructions:** If MAILADDR = 4 Then  
MAILADD2  
Elseif MAILADDR < 4 Then

MAILADD1

---

**Name:** MAILADD1

**SAS Name:** MAILADD1

**Universe Description:** New cases, cases with incorrect input addresses, and those with missing mailing addresses.

**Question Text:** Is this also ^your\_the mailing address?

ADDRESS: ^ADDRESSFILL2

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If MAILADD1 = No Then  
NWMLST1  
Elseif MAILADD1 = Yes Then  
Exit Module

---

**Name:** MAILADD2

**SAS Name:** MAILADD2

**Universe Description:** Cases with existing mailing addresses.

**Question Text:** I have ^your\_the mailing address as:

^MADDRESSFILL

Is that correct?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If MAILADD2 = No Then  
NWMLST1  
Elseif MAILADD2 = Yes Then  
Exit Module

---

**Name:** NWMLST1

**SAS Name:** NWMLST1

**Universe Description:** Incorrect or no mailing address.

**Question Text:** What is ^your\_the ^new mailing address?

^Mailing ^MADDRESSFILL

Enter the house number

**Skip Instructions:** If NWMLST1 is onpath Then  
NWMLST2

---

**Name:** NWMLST2

**SAS Name:** NWMLST2

**Universe Description:** Incorrect or no mailing address.

**Question Text:** (What is ^your\_the ^NEW MAILING ADDRESS?)

^Mailing ^MADDRESSFILL

s Enter the house number suffix

**Skip Instructions:** If NEWMLST2 is onpath Then  
NEWMLST3

---

**Name:** NWMLST3

**SAS Name:** NWMLST3

**Universe Description:** Incorrect or no mailing address.

**Question Text:** (What is ^your\_the ^NEW MAILING ADDRESS?)

^Mailing ^MADDRESSFILL

s Enter the street name

**Skip Instructions:** If NWMLST3 is onpath Then  
NWMLST4

---

**Name:** NWMLST4

**SAS Name:** NWMLST4

**Universe Description:** Incorrect or no mailing address.

**Question Text:** (What is ^your\_the ^NEW MAILING ADDRESS?)

^Mailing ^MADDRESSFILL

s Enter the unit designation

**Skip Instructions:** If NWMLST4 is onpath Then  
NWMLST5

---

**Name:** NWMLST5  
**SAS Name:** NWMLST5  
**Universe Description:** Incorrect or no mailing address.

**Question Text:** (What is ^your\_the ^NEW MAILING ADDRESS?)  
  
^Mailing ^MADDRESSFILL  
  
s Enter the non-city style address

**Skip Instructions:** If NWMLST5 is onpath Then  
NWMLST6

---

**Name:** NWMLST6  
**SAS Name:** NWMLST6  
**Universe Description:** Incorrect or no mailing address.

**Question Text:** (What is ^your\_the ^NEW MAILING ADDRESS?)  
  
^Mailing ^MADDRESSFILL  
  
s Enter the GQ unit description

**Skip Instructions:** If NWMLST6 is onpath Then  
NWMLCT

---

**Name:** NWMLCT  
**SAS Name:** NWMLCT  
**Universe Description:** Incorrect or no mailing address.

**Question Text:** (What is ^your\_the ^NEW MAILING ADDRESS?)  
  
^Mailing ^MADDRESSFILL  
  
Enter the city

**Skip Instructions:** If NWMLCT is onpath Then  
NWMLST

---

**Name:** NWMLST  
**SAS Name:** NWMLST  
**Universe Description:** Incorrect or no mailing address.



**Question Text:** (What is ^your\_the ^NEW MAILING ADDRESS?)

^Mailing ^MADDRESSFILL

Enter the state

**Skip Instructions:** If NWMLST is onpath Then  
NWMLZP5

---

**Name:** NWMLZP5

**SAS Name:** NWMLZP5

**Universe Description:** Incorrect or no mailing address.

**Question Text:** (What is ^your\_the ^NEW MAILING ADDRESS?)

^Mailing ^MADDRESSFILL

s Enter the five digit zip code

**Skip Instructions:** If NWMLZP5 is onpath Then  
NWMLZP4

---

**Name:** NWMLZP4

**SAS Name:** NWMLZP4

**Universe Description:** Incorrect or no mailing address.

**Question Text:** (What is your NEW ADDRESS?)

^Mailing ^MADDRESSFILL

Enter the four digit zip code extension

**Skip Instructions:** If NWMLZP4 is onpath Then  
Exit Module

---

**Name:** NONTYPE

**SAS Name:** NONTYPE

**Universe Description:** All noninterviews.

**Question Text:** What type of Noninterview do you have?

**Answer List:** NONTYPE

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Type A              |
| 2             |                  | Type B              |

---

**Skip Instructions:** If NONTYPE in [1,2,3] Then  
Exit Module

**Name:** EXITHANKCP

**SAS Name:**

**Universe Description:** Answered that household moved at address verification question; or could not complete interview because there was problem interviewing or the wrong address was selected.

**Question Text:** Thank you for your time.

END OF INTERVIEW

**Answer List:** Continue

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | Enter 1 to continue |

**Skip Instructions:** If EXITHANKCP = Continue Then  
Exit Interview

**Name:** LISCH

**SAS Name:** LISCH

**Universe Description:** Returning multi-unit buildings.

**Question Text:** We are interested in any changes that may have taken place in ^your\_the\_that apartment since ^I\_INTDATE. Has any construction or other change been done to this apartment that has altered the size of the apartment since our previous interview on ^I\_INTDATE?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If LISCH = Yes Then  
APTSP  
If LISCH = No, DK, or RF Then  
HU Module

**Name:** APTSP

**SAS Name:** APTSP

**Universe Description:** Size of apartment altered since the previous interview

**Question Text:** Did ^your\_the\_that apartment split so there are now more apartments in the same space?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If APTSP = Yes Then  
HU Module  
If APTSP = No, DK, or RF Then  
APTCM

---

**Name:** APTCM

**SAS Name:** APTCM

**Universe Description:** Apartment size altered since previous interviews but not split into more apartments.

**Question Text:** Did ^your\_the\_that apartment combine with another apartment so ^you\_it now ^have\_has more space?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If APTCM = Yes Then  
HU Module  
If APTCM = No, DK, or RF Then  
APTAD

---

**Name:** APTAD

**SAS Name:** APTAD

**Universe Description:** Apartment size altered since last interview but apartment not merged with another to create more space.

**Question Text:** Was space added to ^your\_the\_that apartment by building an addition or converting nonresidential areas of the building?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If APTAD = Yes Then  
 HU Module  
 If APTAD = No, DK, or RF Then  
 APTCH

---

**Name:** APTCHSP  
**SAS Name:** APTCHSP  
**Universe Description:** Apartment size altered since previous interview but space not added through an addition.

**Question Text:** Describe the type of change that occurred.

**Skip Instructions:** If APTCH = Missing Then  
 HU Module

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**Name:** REPLHU  
**SAS Name:**  
**Universe Description:**

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**Name:** MHGONE  
**SAS Name:**  
**Universe Description:**

---

**Name:** STYPE  
**SAS Name:**  
**Universe Description:**

---

**Name:** HTYPE  
**SAS Name:** HTYPEQ  
**Universe Description:** Type A or B Non-interview or Reg. Occ, Vacant or URE interview

**Question Text:** Is ^address\_unit a house, an apartment, a manufactured/mobile home, or some other type of residence?

**Answer List:** HTYPE

| Value: | Mnemonic: | Description:    |
|--------|-----------|-----------------|
| 1      | House     | House           |
| 2      | Apartment | Apartment, flat |

|    |           |   |
|----|-----------|---|
| 3  | MMh       | Manufactured/mobile home with NO permanent room added           |
| 4  | MMhPlus   | Manufactured/mobile home WITH one or more permanent rooms added |
| 5  | Nontrans  | HU in nontransient hotel, motel, etc                            |
| 6  | Transient | HU, permanent in transient hotel, motel                         |
| 7  | Room      | HU in rooming house or boarding house                           |
| 8  | Boat      | Boat or recreational vehicle                                    |
| 9  | Tent      | Tent, cave, or railroad car                                     |
| 10 | Other     | HU not specified above, specify                                 |
| 11 | Site      | Unoccupied site for manufactured/mobile home, trailer, or tent  |
| 12 | GQ        | Group Quarters  |

**Skip Instructions:** if HTYPE=10 then

```

HTYPESP
if (ISTATUS=4 and NONTYPE=10) or (HTYPE=1 and INCSAM=0 and I_STYPE=1
and I_ISTATUS=1,2) then
TENURE
if [ISTATUS=4 and NONTYPE=2 and INCSAM=0 and I_STYPE<>4 and
HTYPE<>11,13] or [ISTATUS=3 and HTYPE=1 and INCSAM=0 and I_ISTATUS=1
and I_STYPE=2] then
SAMEDU
if ISTATUS=4 and NONTYPE=2 and INCSAM=1 then
HU_END
if ISTATUS=1 and INCSAM=1 and HTYPE=1,2 and [AHSNFRM=7 or FRAME=1) and
PRMITSTA=P] and YRBLT=empty then
BACEN
if ISTATUS=1 and HTYPE=1..4 and MULTUNIT=0 and AHSNFRM<>2 and
FRAME<>3 and NEWUNIT=empty then
OTBUP
if [INCSAM=1 or I_ISTATUS=2..4 or (I_STYPE=4 and HTYPE<>3 and HTYPE<>4) or
(I_STYPE=3 and HTYPE<>2) or (I_STYPE=2 and HTYPE<>1) or (I_STYPE=1 and
HTYPE<>1)] and ISTATUS=1..3 then
ISTYPE
if I_STYPE=4 and ISTATUS=1..3 and HTYPE=3,4 and I_ISTATUS=1 and INCSAM=0
then
MHWIDE
if I_STYPE=3 and ISTATUS=1..3 and HTYPE=2 and I_NUNITS IN [2..999] and
I_ISTATUS=1 and INCSAM=0 then
NUNITSV
if I_STYPE=3 and ISTATUS=1..3 and HTYPE=2 and I_NUNITS<>2..999 and
I_ISTATUS=1 and INCSAM=0 then
NUNITS1
if I_STYPE=2 and ISTATUS=1..3 and HTYPE=1 and I_ISTATUS=1 and INCSAM=0
then
SHARAT
if ISTATUS=4 and NONTYPE=2 and INCSAM=0 and (I_STYPE=4 or HTYPE=11)
then
HUHIS

```

**Name:** HTYPESP

**SAS Name:** HTYPESP

**Universe Description:** other type of residence not specified in HTYPE

**Question Text:** Specify other type of home

**Skip Instructions:** if (ISTATUS=4 and NONTYPE=10) or (HTYPE=1 and INCSAM=0 and I\_STYPE=1 and I\_ISTATUS=1,2) then  
TENURE  
if [ISTATUS=4 and NONTYPE=2 and INCSAM=0 and I\_STYPE<>4 and HTYPE<>11,13] or [ISTATUS=3 and HTYPE=1 and INCSAM=0 and I\_ISTATUS=1 and I\_STYPE=2] then  
SAMEDU  
if ISTATUS=4 and NONTYPE=2 and INCSAM=1 then  
HU\_END  
if ISTATUS=1 and INCSAM=1 and HTYPE=1,2 and [AHSNFRM=7 or FRAME=1) and PRMITSTA=P] and YRBLT=missing then  
BACEN  
if ISTATUS=1 and HTYPE=1..4 and MULTUNIT=0 and AHSNFRM<>2 and FRAME<>3 and NEWUNIT=empty then  
OTBUP  
if [INCSAM=1 or I\_ISTATUS=2..4 or (I\_STYPE=4 and HTYPE<>3 and HTYPE<>4) or (I\_STYPE=3 and HTYPE<>2) or (I\_STYPE=2 and HTYPE<>1) or (I\_STYPE=1 and HTYPE<>1)] and ISTATUS=1..3 then  
ISTYPE  
if I\_STYPE=4 and ISTATUS=1..3 and HTYPE=3,4 and I\_ISTATUS=1 and INCSAM=0 then  
MHWIDE  
if I\_STYPE=3 and ISTATUS=1..3 and HTYPE=2 and I\_NUNITS=2..999 and I\_ISTATUS=1 and INCSAM=0 then  
NUNITSV  
if I\_STYPE=3 and ISTATUS=1..3 and HTYPE=2 and I\_NUNITS<>2..999 and I\_ISTATUS=1 and INCSAM=0 then  
NUNITS1  
if I\_STYPE=2 and ISTATUS=1..3 and HTYPE=1 and I\_ISTATUS=1 and INCSAM=0 then  
SHARAT  
if ISTATUS=4 and NONTYPE=2 and INCSAM=0 and (I\_STYPE=4 or HTYPE=11) then  
HUHIS

---

**Name:** BACEN

**SAS Name:** BACEN

**Universe Description:** permit issuing coverage, improvement segments, new to sample, regular occupied interview, house or apartment, and no info. for year built

**Question Text:** Was this structure built before April of 2000?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if BACEN=yes, DK, RF then  
ISTYPE  
if BACEN=no then  
HU2DIS

---

**Name:** HU2DIS  
**SAS Name:** HU2DIS  
**Universe Description:** Structure was not built before April 2000

**Question Text:** Do not interview, at the next screen, mark this unit a Type C-40, Unit Already Had Chance of Selection.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** if BACEN = 2 then  
NOINTC

---

**Name:** OTBUP  
**SAS Name:** OTBUP  
**Universe Description:** reg. occ. interview and non-groups quarters, built before 2000 census and is a house, apartment, or mobile home

**Question Text:** Are there any other living quarters, either occupied or vacant, at this address?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if INCSAM=1 or I\_ISTATUS<>1 then  
ISTYPE  
if I\_STYPE=1 and HTYPE=1 and (ISTATUS=1,4 and NONTYPE=1) then  
TENURE  
if I\_STYPE=1 and HTYPE=1 and ISTATUS=2,3 then  
SAMEDU

if I\_STYPE=2 and HTYPE=1 then  
 SHARAT  
 if I\_STYPE=4 and HTYPE=3,4 then  
 MHWIDE  
 if CDEPSTAT=1 and I\_NUNITS=2..999 then  
 NUNITSV  
 if CDEPSTAT<>1 or I\_NUNITS<>2..999 then  
 NUNITS1

**Name:** ISTYPE

**SAS Name:** ISTYPEQ

**Universe Description:** All reg. occ, vacant, URE interviews and unit was built before 2000 Census

**Question Text:** If not obvious ask...  
 ^AreYour\_IsThat living quarters in a

Read all categories

**Answer List:** ISTYPE

| Value: | Mnemonic: | Description:  |
|--------|-----------|---|
| 1      | MMh       | Manufactured/Mobile home?                             |
| 2      | Detached  | One-unit building, detached from any other building?  |
| 3      | Attached  | One-unit building, attached to one or more buildings? |
| 4      | Multi     | Building with two or more apartments?                 |

**Skip Instructions:** if ISTYPE=3 and HTYPE=1,2,10 then  
 SHARAT  
 if ISTYPE=1 and (HTYPE<>1,2,5,6,7) and (I\_STYPE=EMPTY,4) then  
 MHWIDE  
 if ISTYPE=4 and CDEPSTAT=1 and I\_NUNITS<>empty then  
 NUNITSV  
 if ISTYPE=4 and (CDEPSTAT<>1 or I\_NUNITS=empty) then  
 NUNITS1  
 if ISTYPE=2 and INCSAM=1 and [(SDESIG=1 and {int}AHSFRM<>4,5,9) or  
 (SDESIG=2 and)] then  
 REUAD  
 if ISTYPE=2 and I\_GQINST=empty and STYPE<>1,4 then  
 ACCESS  
 if ISTYPE=2 and [(I\_GQINST=empty or STYPE=1,4) or I\_GQINST=I,N] and  
 ISTATUS=1 then  
 TENURE  
 if ISTYPE=2 and [(I\_GQINST=empty or STYPE=1,4) or I\_GQINST=I,N] and  
 ISTATUS<>1 and INCSAM=0 then  
 SAMEDU  
 if ISTYPE=2 and [(I\_GQINST=empty or STYPE=1,4) or (I\_GQINST=I,N)] and  
 ISTATUS<>1 and INCSAM<>0 then



**Name:** MHWIDE

**SAS Name:** MHWIDE

**Universe Description:** one unit mobile home and not a noninterview and was built before 2000 Census

**Question Text:** Is the mobile home a single-wide, double-wide, or triple-wide unit?

**Answer List:** MHWIDE

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Single-wide  |
| 2      |           | Double-wide  |
| 3      |           | Triple-wide  |

**Skip Instructions:** if INCSAM=1 and [(SDESIG=1 and {int}AHSNFRM<>4,5,9) or (SDESIG=2)] then  
 REUAD  
 if I\_GQINST=empty and STYPE<>1,4 then  
 ACCESS  
 if [(I\_GQINST=empty or STYPE=1,4) or I\_GQINST=I,N] and ISTATUS=1 then  
 TENURE  
 if [I\_GQINST=empty or STYPE=1,4 or I\_GQINST=I,N] and ISTATUS<>1 and  
 INCSAM=0 then  
 SAMEDU  
 if (I\_GQINST=empty or STYPE=1,4 or I\_GQINST=I,N) and ISTATUS<>1 and  
 INCSAM<>0 then  
 HU\_END

**Name:** NUNITS

**SAS Name:** NUNITS

**Universe Description:**

**Name:** NUNITSV

**SAS Name:** NUNITSV

**Universe Description:** Reg/Occ, Vacant, URE interviews of 2+ unit bldg/MH w/2+ units recorded last enumeration

**Question Text:** Last time we recorded ^I\_NUNITS apartments in the ^mobile\_building.

Is this number still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |

**Skip Instructions:** if NUNITSV= no then  
 NUNITS1  
 if NUNITSV=DK,RF then  
 NUNITS2  
 if NUNITSV=YES and I\_GQINST=empty and STYPE<>1,4 then  
 ACCESS  
 if NUNITSV=YES and [(I\_GQINST=empty or STYPE=1,4) or I\_GQINST=1,N] then  
 TENURE

**Name:** NUNITS1

**SAS Name:** NUNITS1

**Universe Description:** reg/occ, vacant, URE interviews of 2+unit bldg that: are new to sample; or have no number of units from last enumeration; or have incorrect number of units from last enumeration

**Question Text:** How many apartments are in the ^mobile\_building?

Enter 998 if 998 or more

**Skip Instructions:** if NUNITS1>=2, DK, RF and INCSAM=1 and [(SDESIG=1 and {int}AHSNFRM<>4,5,9) or (SDESIG=2)] then  
 REUAD  
 if NUNITS1>=2, DK, RF and I\_GQINST=empty and STYPE<>1,4 then  
 ACCESS  
 if NUNITS1>=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4) or I\_GQINST=I,N] and ISTATUS=1 then  
 TENURE  
 if NUNITS1>=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4 or I\_GQINST=I,N)] and ISTATUS<>1 and INCSAM=0 then  
 SAMEDU  
 if NUNITS1>=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4) or (I\_GQINST=I,N)] and ISTATUS<>1 and INCSAM<>0 then  
 HU\_END

**Name:** NUNITS2

**SAS Name:** NUNITS2

**Universe Description:** Respondent doesn't know or refuses to verify number of apartments

**Question Text:** Including both occupied and vacant units, what is your best guess, please?

Enter 998 if 998 or more

**Skip Instructions:** if NUNITS2>=2, DK, RF and INCSAM=1 and [(SDESIG=1 and {int}AHSFRM<>4,5,9) or (SDESIG=2)] then  
 REUAD

if NUNITS2>=2, DK, RF and I\_GQINST=empty and STYPE<>1,4 then  
 ACCESS  
 if NUNITS2>=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4) or I\_GQINST=I,N]  
 and ISTATUS=1 then  
 TENURE  
 if NUNITS2>=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4 or I\_GQINST=I,N)]  
 and ISTATUS<>1 and INCSAM=0 then  
 SAMEDU  
 if NUNITS2>=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4) or (I\_GQINST=I,N)]  
 and ISTATUS<>1 and INCSAM<>0 then  
 HU\_END

**Name:** SHARAT

**SAS Name:** SHARAT

**Universe Description:** reg/occ., vacant, URE interviews of 1-unit attached buildings

**Question Text:** Does ^that\_your ^HTYPEFILL share an attic or basement with the ^HTYPEFILL next door?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if SHARAT=yes then  
 NUNITS3  
 if SHARAT=NO, DK, RF then  
 SHARFR

**Name:** NUNITS3

**SAS Name:** NUNITS3

**Universe Description:** units that share attic/basement

**Question Text:** How many ^house\_aprt including ^this\_your share the attic or basement?

Enter 998 if 998 or more

**Skip Instructions:** if NUNITS3>=2, DK, RF and INCSAM=1 and [(SDESIG=1 and {int}AHSFRM<>4,5,9)  
 or (SDESIG=2 and FRAME90<>PERMIT)] then  
 REUAD  
 if NUNITS3>=2, DK, RF and I\_GQINST=empty and STYPE<>1,4 then  
 ACCESS  
 if NUNITS3>=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4) or I\_GQINST=I,N]  
 and ISTATUS=1 then  
 TENURE  
 if NUNITS3>=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4 or I\_GQINST=I,N)]

and ISTATUS<>1 and INCSAM=0 then  
 SAMEDU  
 if NUNITS3>=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4) or (I\_GQINST=I,N)]  
 and ISTATUS<>1 and INCSAM<>0 then  
 HU\_END

**Name:** SHARFR

**SAS Name:** SHARFR

**Universe Description:** Units that don't share or doesn't know or refuses to say whether unit shares attic/basement

**Question Text:** Does ^that\_your ^HTYPEFILL share a furnace or boiler with the ^HTYPEFILL next door?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if SHARFR=1 then  
 NUNITS4  
 if SHARFR=2, DK, RF and INCSAM=1 and [(SDESIG=1 and {int}AHSFRM<>4,5,9) or (SDESIG=2)] then  
 REUAD  
 if SHARFR=2, DK, RF and I\_GQINST=empty and STYPE<>1,4 then  
 ACCESS  
 if SHARFR=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4) or I\_GQINST=I,N]  
 and ISTATUS=1 then  
 TENURE  
 if SHARFR=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4 or I\_GQINST=I,N)] and  
 ISTATUS<>1 and INCSAM=0 then  
 SAMEDU  
 if SHARFR=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4) or (I\_GQINST=I,N)]  
 and ISTATUS<>1 and INCSAM<>0 then  
 HU\_END

**Name:** NUNITS4

**SAS Name:** NUNITS4

**Universe Description:** Units that share furnace/boiler

**Question Text:** How many ^house\_apt including ^this\_your share the furnace or boiler?

Enter 998 if 998 or more

**Skip Instructions:** if NUNITS4>=2, DK, RF and INCSAM=1 and [(SDESIG=1 and {int}AHSFRM<>4,5,9) or (SDESIG=2)] then

REUAD  
 if NUNITS4>=2, DK, RF and I\_GQINST=empty STYPE<>1,4 then  
   ACCESS  
 if NUNITS4>=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4) or I\_GQINST=I,N]  
 and ISTATUS=1 then  
   TENURE  
 if NUNITS4>=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4 or I\_GQINST=I,N)]  
 and ISTATUS<>1 and INCSAM=0 then  
   SAMEDU  
 if NUNITS4>=2, DK, RF and [(I\_GQINST=empty or STYPE=1,4) or (I\_GQINST=I,N)]  
 and ISTATUS<>1 and INCSAM<>0 then  
   HU\_END

**Name:** REUAD

**SAS Name:** REUAD

**Universe Description:** reg/occ, vacant, or URE interview of units new to sample

**Question Text:** Enter the reason this unit was created.

**Answer List:** REUAD

| Value: | Mnemonic: | Description:   |
|--------|-----------|--|
| 3      |           | New Construction   |
| 4      |           | Manufactured/Mobile home moved in                                |
| 5      |           | House moved in   |
| 6      |           | Building relisted due to structural changes                      |
| 7      |           | Unit created when original living quarters split into more units |
| 8      |           | Unit created when original quarters merged to fewer units        |
| 9      |           | Conversion of nonresidential unit                                |
| 10     |           | Other, specify   |
| 11     |           | Office use only  |

**Skip Instructions:** if REUAD=OTHER then  
   REUADSP  
 if REUAD=OFFICE USE ONLY then  
   REUADRO  
 if REUAD=3..9 and I\_GQINST=empty and STYPE<>1,4 then  
   ACCESS  
 if REUAD=3..9 and I\_GQINST=empty and STYPE=1,4 and ISTATUS=1,2 then  
   TENURE  
 if REUAD=3..9 and [(I\_GQINST=empty and STYPE=1,4) or I\_GQINST<>MISSING]  
 and ISTATUS=3 then  
   HU\_END

**Name:** REUADSPC

**SAS Name:** REUADSPC

**Universe Description:** other reason unit created

**Question Text:** Other reason unit was created

**Skip Instructions:** if REUADSP<>empty and I\_GQINST=empty and STYPE<>1,4 then

ACCESS

if REUADSP<>empty and [(I\_GQINST=empty and STYPE=1,4) or I\_GQINST<>empty] and ISTATUS=1,2 then

TENURE

if REUADSP<>empty and [(I\_GQINST=empty and STYPE=1,4) or I\_GQINST<>empty] and ISTATUS=3 then

HU\_END

**Name:** REUADRO

**SAS Name:** REUADRO

**Universe Description:** Office use only

**Question Text:** Did you call the Regional Office?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if REUADRO=YES, and I\_GQINST=empty and STYPE<>1,4 then

ACCESS

if REUADRO=YES and ISTATUS=1,2 and [(I\_GQINST=empty and STYPE=1,4) or I\_GQINST<>empty] then

TENURE

if REUADRO=YES and ISTATUS=3 and [(I\_GQINST=empty and STYPE=1,4) or I\_GQINST<>empty] then

HU\_END

**Name:** ACCESS

**SAS Name:** ACCESS

**Universe Description:** All reg/occ., vacant, or URE interviews in units in mutlitunit or attached structures that were not institutional or noninstitutional GQs last enumeration

**Question Text:** Does ^unit ^HNO ^HNOSUF ^STRNAME ^UNITDES have direct access either from the outside or through a common hall?

**Answer List:** ACCESS

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

|   |                          |
|---|--------------------------|
| 1 | Yes, direct access       |
| 2 | No, through another unit |

**Skip Instructions:** if ACCESS=YES and [ISTATUS=3 or (ISTATUS=1,2 and HTYPE=11,12)] and INCSAM=1 then  
 HU\_END  
 if ACCESS=YES and ISTATUS=1,2 and HTYPE=11,12 and [I\_STYPE=4 and (ISTATUS=1 or I\_ISTATUS=2..4) and (HTYPE=11 or NONTYPE=2,3)] and [HTYPE=1,2,3,4 or (HTYPE>=5 and HTYPE<=10) or MHGONE=1] then  
 HUHIS  
 if ACCESS=NO, DK, RF and error text has been displayed THEN  
 NEEDC  
 if ACCESS=YES and [ISTATUS=3 or (ISTATUS=1,2 and HTYPE=11,12)] and INCSAM=0 then  
 SAMEDU  
 if ACCESS=yes and ISTATUS=1,2 and HTYPE<>11,12 then  
 TENURE

**Name:** NEEDC

**SAS Name:** NEEDC

**Universe Description:** units w/out direct access; or with respondent that doesn't know or refuses to say whether unit has direct access

**Question Text:** Do you need to Type C this unit?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if NEEDC=NO and ISTATUS=3 and INCSAM=1 then  
 HU\_END  
 if NEEDC=NO and ISTATUS=3 or (ISTATUS=1,2 and HTYPE=11,12) and INCSAM=0 then  
 SAMEDU  
 if NEEDC=NO and ISTATUS=1,2 and HTYPE<>11,12 then  
 TENURE  
 if NEEDC=YES then  
 NOINTC (see Special Instructions)

**Name:** TENURE

**SAS Name:** TENURE

**Universe Description:** Reg/Occ, URE interview of all housing types except unoccupied sites and GQs; and all Type A noninterviews, and do not need to classify as Type C

**Question Text:** Is this ^HTYPEFILL

Read categories until a "yes" reply is received

**Answer List:** TENURE

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                                 |
|---------------|------------------|---|
| 1             | Owner            | Owned or being bought by someone in your household? |
| 2             | Renter           | Rented for cash rent?                               |
| 3             | NoRent           | Occupied without payment of cash rent?              |

---

**Skip Instructions:** if INCSAM=1 then  
HU\_END  
if INCSAM=0 then  
SAMEDU

---

**Name:** SAMEDU

**SAS Name:** SAMEDU

**Universe Description:** All returning cases

**Question Text:** (Is this the same ^quarters\_house that was at this address last enumeration period?)

Ask at Manufactured/Mobile Homes and at structures that may have changed, else enter without asking.

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if SAMEDU=YES, DK, RF or (HTYPE=11,12 and MHGONE<>1) then  
HU\_END  
if (SAMEDU=2 or MHGONE=1) and HTYPE=1..11 then  
HUHIS

---

**Name:** HUHIS

**SAS Name:** HUHIS

**Universe Description:** Returning units not the same as at address last enumeration or it's a typeC noninterview

**Question Text:** What happened to the old ^I\_HTYPEFILL?

For Mobile Homes, if the respondent does not know, ask owner of MH Park.

**Answer List:** HUHIS



| Value: | Mnemonic: | Description:                               |
|--------|-----------|--|
| 1      |           | Moved                                      |
| 2      |           | Demolished                                 |
| 3      |           | Lost to disaster (fire, tornado, etc.)     |
| 4      |           | Wrong unit visited last enumeration period |
| 5      |           | Converted to storage, garage or office     |
| 6      |           | Other, specify                             |

**Skip Instructions:** if HUHIS=OTHER then  
                           HUHISSP  
 if HUHIS=1..5, DK, RF then  
                           HU\_END

---

**Name:** HUHISSP  
**SAS Name:** HUHISSP  
**Universe Description:** Other reason than those listed

**Question Text:** Specify other reason unit is gone

**Skip Instructions:** if HUHISSP=answered then  
                           HU\_END

---

**Name:** HU\_END  
**SAS Name:**  
**Universe Description:**

**Skip Instructions:** IF ((INTRO\_B=4 or HELLO\_CP=6) and (NONTYPE=1,2,3 or HU1a\_PROB=P or  
 NEEDC=1)) THEN  
                           NOINT\_BEGIN  
 IF INTRO\_B=3 or ISTATUS=3 THEN  
                           INV\_BEGIN  
 IF ELSE THEN  
                           START\_DEMO

---

**Name:** ADDCNT  
**SAS Name:** ADDCNT  
**Universe Description:**

---

**Name:** TOTSPAWN  
**SAS Name:** TOTSPAWN  
**Universe Description:**

---

**Name:** TALN

**SAS Name:**  
**Universe Description:**

---

**Name:** TABX\_NO  
**SAS Name:**  
**Universe Description:** Unit is an extra, additional, or parent with extras from previous interview.

**Question Text:** ^Cannot\_create

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If TABX\_NO = Continue Then  
Exit TABX

---

**Name:** TABX\_INTRO  
**SAS Name:**  
**Universe Description:** Unit is not an extra, additional, nor parent with extras from previous interview.

**Question Text:** s 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 the "Up Arrow" to back up to a previous screen and correct an earlier entry.

To begin collecting information for additional living arrangements at this location, enter (1) to continue.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If TABX\_INTRO = Continue Then  
XHNO

---

**Name:** TABXHNO  
**SAS Name:** TABXHNO  
**Universe Description:** Possible extra unit exists.

**Question Text:** What is the exact address of this other living quarters?

Enter House Number

Press ENTER if no change needed

Current Address:  
^XADDRESSFILL

**Skip Instructions:** If TABXHNO <> Empty Then  
TABXSUF

---

**Name:** TABXSUF

**SAS Name:** TABXSUF

**Universe Description:** Possible extra unit exists.

**Question Text:**

Enter House Number Suffix

Press ENTER if no change needed

Current Address:  
^XADDRESSFILL

**Skip Instructions:** If TABXSUF is onpath Then  
TABXSTNA

---

**Name:** TABXSTNA

**SAS Name:** TABXSTNA

**Universe Description:** Possible extra unit exists.

**Question Text:**

Enter Street Name

Press ENTER if no change needed

Current Address:  
^XADDRESSFILL

**Skip Instructions:** If TABXSTNA <> Empty Then  
TABXUDES

---

**Name:** TABXUDES

**SAS Name:** TABXUDES

**Universe Description:** Possible extra unit exists.

**Question Text:**

Enter Unit Designation

Press ENTER if no change needed

Current Address:  
^XADDRESSFILL

**Skip Instructions:** If TABXUDES is onpath Then  
TABXNCTA

---

**Name:** TABXNCTA

**SAS Name:** TABXNCTA

**Universe Description:** Possible extra unit exists.

**Question Text:**

Enter Non-city Style Address

Press ENTER if no change needed

Current Address:  
^XADDRESSFILL

**Skip Instructions:** If TABXNCTA is onpath Then  
TABXPHYS

---

**Name:** TABXPHYS

**SAS Name:** TABXPHYS

**Universe Description:** Possible extra unit exists.

**Question Text:**

Enter Physical Description

Press ENTER if no change needed

Current Address:  
^XADDRESSFILL

**Skip Instructions:** If TABXPHYS is onpath Then  
TABXPO

---

**Name:** TABXPO

**SAS Name:** TABXPO

**Universe Description:** Possible extra unit exists.

**Question Text:**

Enter City

Press ENTER if no change needed

Current Address:  
^XADDRESSFILL

**Skip Instructions:** If TABXPO <> Empty Then  
TABXST

---

**Name:** TABXST

**SAS Name:** TABXST

**Universe Description:** Possible extra unit exists.

**Question Text:**

Enter State

Press ENTER if no change needed

Current Address:  
^XADDRESSFILL

**Skip Instructions:** If TABXST <> Empty Then  
TABXZIP

---

**Name:** TABXZIP

**SAS Name:** TABXZIP

**Universe Description:** Possible extra unit exists.

**Question Text:**

Enter Zip Code

Press ENTER if no change needed

Current Address:  
^XADDRESSFILL

**Skip Instructions:** If TABXZIP <> Empty Then  
TABXZP4

---

**Name:** TABXZP4

**SAS Name:** TABXZP4

**Universe Description:** Possible extra unit exists.

**Question Text:**

Enter Zip Code Extension

Press ENTER if no change needed

Current Address:  
^XADDRESSFILL

**Skip Instructions:** If TABXZP4 is onpath Then  
TABXBLDG

---

**Name:** TABXBLDG

**SAS Name:** TABXBLDG

**Universe Description:** Possible extra unit exists.

**Question Text:**

Enter Building Name

Press ENTER if no change needed

Current Address:  
^XADDRESSFILL

**Skip Instructions:** If TABXZP4 is onpath Then  
TABXOTHL

---

**Name:** TABXOTHL

**SAS Name:** TABXOTHL

**Universe Description:** Possible extra unit exists.

**Question Text:** Are there any other living quarters, either occupied or  
vacant at this address?

^XADDRESSFILL

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TABXOTHL = Yes Then  
TABXHNO for Next Address  
Elseif TABXOTHL = No Then  
BXCHECK

---

**Name:** TABXH2  
**SAS Name:** TABXH2  
**Universe Description:** Units in Permit segments.

**Question Text:** Is this address already listed on your listing sheet?

^XTRADDRESSFILL

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TABXH2 = Yes Then  
TABXNEXT  
Elseif TABXH2 = No Then  
TABXH4c

---

**Name:** TABXH4  
**SAS Name:** TABXH4  
**Universe Description:** Units in Area segments.

**Question Text:** Are the additional living quarters in the same structure  
as the sample unit?

^XTRADDRESSFILL

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TABXH4 = Yes Then  
TABXH5  
Elseif TABXH4 = No Then  
TABXNEXT

---

**Name:** TABXH4b

**SAS Name:** TABXH4b

**Universe Description:** Units in Unit segments.

**Question Text:** Are the additional living quarters within the basic address of the original sample unit?

^XTRADDRESSFILL

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TABXH4b = Yes Then  
TABXH6  
Elseif TABXH4b = No Then  
TABXNEXT

---

**Name:** TABXH4c

**SAS Name:** TABXH4c

**Universe Description:** Units in Permit segments that are not already listed.

**Question Text:** Are the additional living quarters within the same structure and within the same space as the sample unit?

^XTRADDRESSFILL

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TABXH4c = Yes Then  
TABXH6  
Elseif TABXH4c = No Then  
TABXNEXT

---

**Name:** TABXH5

**SAS Name:** TABXH5

**Universe Description:** Units in Area segments with additional living quarters within same structure.

**Question Text:** Are the additional living quarters in a group quarters?

^XTRADDRESSFILL



Answer List: YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If TABXH5 = Yes Then  
TABXNEXT  
Elseif TABXH5 = No Then  
TABXH6

---

**Name:** TABXH6

**SAS Name:** TABXH6

**Universe Description:** Unit in Unit segments that are within the basic address of the original; units in Permit segments that are not already listed, but are within the same structure/space as the sample unit; and units in Area segments with additional living quarters within same structure that are not in group quarters.

**Question Text:** Do the occupants or intended occupants of the additional living quarters live separately from all other persons on the property?

^XTRADDRESSFILL

Answer List: YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If TABXH6 = Yes Then  
TABXH7  
Elseif TABXH6 = No Then  
TABXNEXT

---

**Name:** TABXH7

**SAS Name:** TABXH7

**Universe Description:** Units in Area segments with additional living quarters within same structure that are not in group quarters and whose occupants live separately.

**Question Text:** Do the occupants or intended occupants of the additional living quarters have direct access from the outside or through a common hall?

^XTRADDRESSFILL

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TABXH7 = Yes Then  
TABXSPAWN  
Elseif TABXH7 = No Then  
TABXNEXT

---

**Name:** TABXSPAWN

**SAS Name:**

**Universe Description:** Additional units that meet extra unit criteria.

**Question Text:** This other living quarters IS an Extra unit.  
Do not include members of this unit as members  
of the current unit.

^XTRADDRESSFILL

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If TABXSPAWN = Continue Then  
Next Address or Exit BXCHECK

---

**Name:** TABXNEXT

**SAS Name:**

**Universe Description:** Additional units that do not meet extra unit criteria.

**Question Text:** ^Not\_Extra

^XTRADDRESSFILL

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If TABXNEXT = Continue Then  
Next Address or Exit BXCHECK

---

**Name:** REMIND

**SAS Name:** TABXREMD

**Universe Description:** At least one, but not more than 26 extra units have been identified at this address.

**Question Text:** Interview the parent.

After interviewing the parent unit, you will receive instructions on what to do with the extra unit(s).

You have identified ^TOTSPAWN extra unit(s).

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If REMIND = Continue Then  
Exit TABX

---

**Name:** CALLRO

**SAS Name:** TABXCLRO

**Universe Description:** More than 26 extra units have been identified at this address.

**Question Text:** More than 26 extra units have been identified for this listed address.

1. Interview the parent unit
2. Call your regional office.
3. Tell your supervisor that you have more than 26 extra units for this address.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If CALLRO = Continue Then  
Exit TABX

---

**Name:** NOINT

**SAS Name:** NOINT

**Universe Description:**

---

**Name:** TYPEABCM

**SAS Name:** TYPEABCM

**Universe Description:** All Noninterviews.

**Question Text:** ^Just\_What type of Noninterview do you have?

**Answer List:** TYPEABCM

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                           |
|---------------|------------------|---|
| 1             |                  | TYPE A  |
| 2             |                  | TYPE B  |
| 3             |                  | TYPE C  |
| 4             |                  | MISTAKE - Do not want to code to noninterview |

---

**Skip Instructions:** If TYPEABCM = 1 and NONTYPE = 1 Then  
NOINTA  
Elseif TYPEABCM = 2 and NONTYPE = 2 Then  
NOINTB  
Elseif TYPEABCM = 3 and NONTYPE = 3 Then  
NOINTC  
Elseif (TYPEABCM = 1 and NONTYPE in [2,3]) or (TYPEABCM = 2 and NONTYPE  
in [1,3]) or (TYPEABCM = 3 and NONTYPE in [1,2]) Then  
E\_TYPEABCM  
Elseif TYPEABCM = 4 Then  
INTROB

---

**Name:** NOINTA

**SAS Name:** NOINTA

**Universe Description:** Type A Noninterviews.

**Question Text:** Enter Type A Noninterview Reason

**Answer List:** NOINTA

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             | Nohome           | No one home         |
| 2             | Absent           | Temporarily absent  |
| 3             | Refused          | Refused             |
| 4             | Locate           | Unable to locate    |
| 5             | Language         | Language problem    |
| 6             | Other            | Other, occupied     |

---

**Skip Instructions:** If NOINTA in [1..5] Then  
REASONA  
Elseif NOINTA = 6 Then  
NOINTASP

**Name:** NOINTASP

**SAS Name:** NOINTASP

**Universe Description:** Type A reason is other than reasons in NOINTA.

**Question Text:** Specify other Type A reason

**Skip Instructions:** If NOINTASP <> Empty Then  
REASONA

---

**Name:** SUREA

**SAS Name:** SUREA

**Universe Description:** Type A Noninterviews.

**Question Text:** Are you sure this case is a Type A noninterview?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If SUREA = Yes Then  
TYPEAOC  
Elseif SUREA = No Then  
E\_SUREA

---

**Name:** TYPEAOC

**SAS Name:** TYPEAOC

**Universe Description:** Confirmed Type A Noninterviews.

**Question Text:** Ask if not apparent  
Read categories until a "Yes" is obtained

What is the occupancy status for this Type A Noninterview?

**Answer List:** TYPEAOC

---

| Value: | Mnemonic: | Description:   |
|--------|-----------|--|
| 1      |           | Occupied as a usual residence by at least one person |
| 2      |           | All occupants have a usual residence elsewhere       |

---

**Skip Instructions:** If TYPEAOC in [Yes,No,Dk,Rf] Then  
Exit Module

---

**Name:** NOINTB

**SAS Name:** NOINTB

**Universe Description:** Type B Noninterviews.

**Question Text:** Enter Type B Noninterview Reason

**Answer List:** NOINTB

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|---|
| 10            | Permit           | Permit granted, construction not started                          |
| 11            | Construction     | Under construction, not ready                                     |
| 12            | Storage          | Permanent or temporary business or commercial storage             |
| 13            | Unoccupied       | Unoccupied site for manufacture/mobile home or tent               |
| 14            | Converted        | OTHER unit including nonstaff, or converted to institutional unit |
| 15            | Prohibited       | Occupancy prohibited  |
| 16            | Exposed          | Interior exposed to the elements                                  |
| 17            | Notclass         | Type B, not classified above, specify                             |

---

**Skip Instructions:** If NOINTB = 10 Then  
    PEDISSUE  
Elseif NOINTB = 11 Then  
    UCAO  
Elseif NOINTB = 12 Then  
    BCSCS  
Elseif NOINTB = 13 Then  
    USMHP  
Elseif NOINTB = 14 Then  
    OTHCD  
Elseif NOINTB = 15 Then  
    OPNOR  
Elseif NOINTB = 16 Then  
    IEFIT  
Elseif NOINTB = 17 Then  
    BOTWN

---

**Name:** PEDISSUE

**SAS Name:** PEDISSUE

**Universe Description:** Type B-10 Noninterviews.

**Question Text:** TYPE B-10  
PERMIT GRANTED-CONSTRUCTION NOT STARTED

Enter date permit issued mm/dd/yyyy

**Skip Instructions:** If PEDISSUE > DATE Then  
    E\_PEDISSUE  
Elseif PEDISSUE <> Empty Then

PENUM

---

**Name:** PENUN

**SAS Name:** PENUN

**Universe Description:** Type B-10 Noninterviews.

**Question Text:** Enter expected number of units

Enter 9999 if 9,999 or more

**Skip Instructions:** If PENUN in [1..9999,Dk] Then  
BYOBS

---

**Name:** UCAO

**SAS Name:** UCAO

**Universe Description:** Type B-11 Noninterviews.

**Question Text:** TYPE B-11  
UNDER CONSTRUCTION-NOT READY

Enter the code that best describes the situation

**Answer List:** UCAO

---

| Value: | Mnemonic: | Description:                                    |
|--------|-----------|---|
| 1      |           | New construction of entire structure            |
| 2      |           | Renovation or addition to an existing structure |

---

**Skip Instructions:** If UCAO = 1 Then  
UCWDF  
Elseif UCAO = 2 Then  
E\_UCAO

---

**Name:** UCWDF

**SAS Name:** UCWDF

**Universe Description:** New construction.

**Question Text:** Are all exterior windows and doors and the usable floors in place?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If UCWDF = Yes Then  
E\_UCWDF  
Elseif UCWDF = No Then  
BBLDG

---

**Name:** BCSCS  
**SAS Name:** BCSCS  
**Universe Description:** Type B-12 Noninterviews.

**Question Text:** TYPE B-12  
PERMANENT OR TEMPORARY BUSINESS OR COMMERCIAL STORAGE

Enter what best describes the current use of the unit.

**Answer List:** BCSCS

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                  |
|---------------|------------------|--------------------------------------|
| 1             | Commercial       | Commercial; specify type of business |
| 2             | School           | School                               |
| 3             | Storage          | Other Storage                        |

---

**Skip Instructions:** If BCSCS = 1 Then  
BCSCSSP  
Elseif BCSCS = 2 Then  
EXPOSE  
Elseif BCSCS = 3 Then  
BCSST

---

**Name:** BCSCSSP  
**SAS Name:** BCSCSSP  
**Universe Description:** Unit currently used for commercial storage.

**Question Text:** Specify type of business

**Skip Instructions:** If BCSCSSP <> Empty Then  
EXPOSE

---

**Name:** BCSST  
**SAS Name:** BCSST  
**Universe Description:** Unit currently used for storage type other than commercial or school.

**Question Text:** What kind of articles are being stored?

**Answer List:** BCSST



| Value: | Mnemonic:  | Description:                 |
|--------|------------|------------------------------|
| 1      | Furniture  | Personal household furniture |
| 2      | Commercial | Commercial storage           |
| 3      | Farm       | Farm equipment               |
| 4      | Other      | Other; specify               |

**Skip Instructions:** If BCSST = 1 Then  
E\_BCSST  
Elseif BCSST in [2,3] Then  
EXPOSE  
Elseif BCSST = 4 Then  
BCSSTSP

**Name:** BCSSTSP

**SAS Name:** BCSSTSP

**Universe Description:** Unit currently used for storage other than furniture, commercial, or farm equipment.

**Question Text:** Specify articles stored

**Skip Instructions:** If BCSSTSP <> Empty Then  
EXPOSE

**Name:** USMHP

**SAS Name:** USMHP

**Universe Description:** Type B-13 Noninterviews.

**Question Text:** TYPE B-13  
UNOCCUPIED SITE FOR MANUFACTURED/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?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If USMHP = Yes Then  
USREP  
Elseif USMHP = No then  
E\_USMHP

**Name:** USREP

**SAS Name:** USREP

**Universe Description:** Manufactured/Mobile home site is in a place that has common properties or facilities AND a single management or association.

**Question Text:** Is the site in a recreational, educational, or religious type park?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If USREP = No Then  
BYOBS  
Elseif USREP = Yes Then  
USPER

---

**Name:** USPER

**SAS Name:** USPER

**Universe Description:** Manufactured/Mobile home site is in a recreational, educational, or religious type park.

**Question Text:** Is this site usually occupied by persons who made arrangements to stay for 30 days or more?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If USPER = Yes Then  
BYOBS  
Elseif USPER = No Then  
E\_USPER

---

**Name:** OTHCD

**SAS Name:** OTHCD

**Universe Description:** Type B-14 Noninterviews.

**Question Text:** TYPE B-14  
OTHER UNIT INCLUDING NONSTAFF, OR CONVERTED  
TO INSTITUTIONAL UNIT

Enter the code that best describes the other unit group quarters found.

**Answer List: OTHCD**

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|---|
| 1             | Correctional     | 101-107 - Correctional Institutions   |
| 2             | Juvenile         | 201,204-205,208,702,209 - Juvenile Institutions (including homes, schools, detention centers) |
| 3             | Nursing          | 301-307 - Nursing Homes with an RN on duty 8 out of every 24 hours                            |
| 4             | Hospital         | 400-410 - Hospital and Wards, Hospices and Schools for the challenged                         |
| 5             | College          | 501 - College, University and Seminary Housing Quarters                                       |
| 6             | Military         | 601-603 - Military Quarters   |
| 7             | Hotel            | 701 - Hotels/Motels   |
| 8             | Shelter          | 701-706 - Emergency Shelters/Service Locations  |
| 9             | Home             | 801-810 - Group homes intended for adults (not correctional or medical)                       |
| 10            | Dorm             | 501,601,901-905 - Dormitories   |
| 11            | Religious        | 906 - Religious Group Quarters  |
| 12            | Other            | 908 - Other non-household living situations   |
| 13            | Disaster         | 909 - Natural Disaster  |
| 14            | Resident         | 911 - Residential Care Facilities providing 'protective oversight'                            |
| 15            | Problem          | 997 - Not a special place   |

---

**Skip Instructions:** If OTHCD in [1..14] Then  
TYPB14D  
Elseif OTHCD = 15 Then  
E\_OTHCD

---

**Name:** TYPB14D

**SAS Name:** TYPB14D

**Universe Description:** Unit is a group quarters.

**Question Text:** Describe the group quarters

**Skip Instructions:** If TYPB14D <> Empty Then  
OTHOC

---

**Name:** OTHOC

**SAS Name:** OTHOC

**Universe Description:** Unit is a group quarters.

**Question Text:** Enter the code that best describes the type of occupants.

**Answer List:** OTHOC

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |                                     |
|---|-------------------------------------|
| 1 | Noninstitutional                    |
| 2 | Institutional - Staff               |
| 3 | Institutional - Inmates or patients |

**Skip Instructions:** If OTHOC <> Empty Then  
TYPB14O

**Name:** TYPB14O

**SAS Name:** TYPB14O

**Universe Description:** Unit is a group quarters.

**Question Text:** Describe the type of occupants

Give a specific description; for example, college students,  
nurses, staff at children's camp, inmates, patients, etc.

**Skip Instructions:** If TYPB14O <> Empty Then  
EXPOSE

**Name:** OPNOR

**SAS Name:** OPNOR

**Universe Description:** Type B-15 Noninterviews.

**Question Text:** TYPE B-15  
OCCUPANCY PROHIBITED

Is the unit for nonresidential use?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If OPNOR = Yes Then  
E\_OPNOR  
Elseif OPNOR = No Then  
OPREA

**Name:** OPREA

**SAS Name:** OPREA

**Universe Description:** Unit is for residential use.

**Question Text:** Enter what best describes the reason occupancy is prohibited.

**Answer List:** OPREA

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                      |
|---------------|------------------|--|
| 1             |                  | Scheduled to be demolished               |
| 2             |                  | Severely damaged by fire                 |
| 3             |                  | Condemned or occupancy prohibited by law |

---

**Skip Instructions:** If OPREA = 1 Then  
OPDEM  
Elseif OPREA = 2 Then  
OPINE  
Elseif OPREA = 3 Then  
OPSGN

---

**Name:** OPDEM  
**SAS Name:** OPDEM  
**Universe Description:** Unit scheduled to be demolished

**Question Text:** Has demolition of the unit begun?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If OPDEM = Yes Then  
E\_OPDEM  
Elseif OPDEM = No Then  
OPSGN

---

**Name:** OPINE  
**SAS Name:** OPINE  
**Universe Description:** Unit severely damaged by fire.

**Question Text:** Is interior exposed to the elements?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If OPINE = Yes Then  
E\_OPINE

Elseif OPINE = No Then  
EXPOSE

---

**Name:** OPSGN  
**SAS Name:** OPSGN  
**Universe Description:** Unit condemned or occupancy prohibited by law.

**Question Text:** Is there a sign or notice indicating that the unit is condemned,  
or to be demolished or occupancy is prohibited by law?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If OPSGN = Yes Then  
EXPOSE  
Elseif OPSGN = No Then  
OPPAC

---

**Name:** OPPAC  
**SAS Name:** OPPAC  
**Universe Description:** Unit does not have a sign indicating that it is condemned.

**Question Text:** Was a public agency contacted to confirm the status?

**Answer List:** OPPAC

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>     |
|---------------|------------------|-------------------------|
| 1             | Yes              | Yes; specify the agency |
| 2             | No               | No                      |

---

**Skip Instructions:** If OPPAC = Yes Then  
EXPOSE  
Elseif OPPAC = No Then  
E\_OPPAC

---

**Name:** OPPACSP  
**SAS Name:** OPPACSP  
**Universe Description:** Public agency was contacted to confirm the status.

**Question Text:** Specify the agency

**Skip Instructions:** OPPACSP <> Empty Then

EXPOSE

---

**Name:** IEFIT

**SAS Name:** IEFIT

**Universe Description:** Type B-16 Noninterviews.

**Question Text:** TYPE B-16  
INTERIOR EXPOSED TO THE ELEMENTS

Does this unit fit the definition of any of the  
previous noninterview categories?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If IEFIT = Yes Then  
E\_IEFIT  
Elseif IEFIT = No Then  
IECDW

---

**Name:** IECDW

**SAS Name:** IECDW

**Universe Description:** Unit does not fit definition of previous noninterview categories.

**Question Text:** Enter what best describes the condition of the unit's doors and/or windows.

**Answer List:** IECDW

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>    |
|---------------|------------------|------------------------|
| 1             | AllGood          | All in good condition  |
| 2             | SomeMiss         | Some missing or broken |
| 3             | MostMiss         | Most missing or broken |
| 4             | Unobserved       | Unobservable; Explain  |

---

**Skip Instructions:** If IECDW in [1,2,3] Then  
IECRE  
Elseif IECDW = 4 Then  
IECDWSPC

---

**Name:** IECDWSPC

**SAS Name:** IECDWSPC

**Universe Description:** Condition of unit's doors/windows is unobservable.

**Question Text:** Explain why condition of the unit's doors and/or windows could not be observed.

**Skip Instructions:** If IECDWSPC <> Empty Then  
IECRE

---

**Name:** IECRE

**SAS Name:** IECRE

**Universe Description:** Unit does not fit definition of previous noninterview categories.

**Question Text:** Enter what best describes the condition of the unit's roof (exclude porch roofs).

**Answer List:** IECRE

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                        |
|---------------|------------------|--|
| 1             | Good             | In good condition                          |
| 2             | Leaky            | Leaky, has missing shingles or small holes |
| 3             | Missing          | Entirely or partially missing              |
| 4             | Unobserved       | Unobservable; Explain                      |

---

**Skip Instructions:** If IECRE in [1,2,3] Then  
IECEW  
Elseif IECRE = 4 Then  
IECRESPC

---

**Name:** IECRESPC

**SAS Name:** IECRESPC

**Universe Description:** Condition of unit's roof is unobservable.

**Question Text:** Explain why condition of unit's roof could not be observed.

**Skip Instructions:** If IECRESPC <> Empty Then  
IECEW

---

**Name:** IECEW

**SAS Name:** IECEW

**Universe Description:** Unit does not fit definition of previous noninterview categories.

**Question Text:** Enter what best describes the condition of the unit's exterior walls.

**Answer List:** IECEW

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             | Good             | In good condition   |

---



|   |            |   |
|---|------------|---|
| 2 | Cracked    | Cracked or broken (exclude minor damage which does not expose the interior) |
| 3 | Missing    | Entirely or partially missing   |
| 4 | Unobserved | Unobservable; Explain   |

**Skip Instructions:** If IECEW = 1 and IECDW in [1,4] and IECRE in [1,4] Then  
E\_IECEW  
Elseif IECEW = 4 Then  
IECEWSPC  
Elseif IECEW in [2,3] or (IECEW = 1 and (IECDW in [2,3] or IECRE in [2,3])) Then  
BBLDG

**Name:** IECEWSPC

**SAS Name:** IECEWSPC

**Universe Description:** Condition of unit's exterior walls is unobservable.

**Question Text:** Explain why condition of unit's exterior walls could not be observed.

**Skip Instructions:** If IECEWSPC <> Empty and IECDW in [1,4] and IECRE in [1,4] Then  
E\_IECEW  
Elseif IECEWSPC <> Empty and (IECDW in [2,3] or IECRE in [2,3]) Then  
BBLDG

**Name:** BOTWN

**SAS Name:** BOTWN

**Universe Description:** Type B-17 Noninterviews.

**Question Text:** TYPE B - OTHER TEST

In order to be a Type B-Other, a sample unit must meet one of the following conditions.

1. The sample unit serves as a government embassy, chancery, or consulate.
2. The sample unit meets the minimal conditions of a Type B but falls outside the designated Type B categories. The minimal conditions for a Type B are that the sample unit is CURRENTLY UNINHABITABLE but has the POTENTIAL of being converted or repaired and used as a living quarters in the future.

A vacant home or manufactured/mobile home is NOT a Type B-Other. A vacancy fails the Type B test because it is habitable even though unoccupied at the time of interview. The AHS has a special interview that should be completed for a vacancy.

Is this sample unit a Type B-Other?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If BOTWN = Yes Then  
TYP17R  
Elseif BOTWN = No Then  
E\_BOTWN

---

**Name:** TYP17R

**SAS Name:** TYP17R

**Universe Description:** Unit meets conditions for Type B-Other.

**Question Text:** TYPE B-17  
NOT CLASSIFIED ABOVE

Specify the Type B found

**Skip Instructions:** If TYP17R <> Empty Then  
BOTRO

---

**Name:** BOTRO

**SAS Name:** BOTRO

**Universe Description:** Unit meets conditions for Type B-Other.

**Question Text:** Did you call the Regional Office?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If BOTRO = Yes Then  
TYPITTL  
Elseif BOTRO = No Then  
E\_BOTRO

---

**Name:** TYPITTL

**SAS Name:** TYPITTL

**Universe Description:** FR called RO.

**Question Text:** Give the title of the person in the Regional Office who authorized this classification.

**Skip Instructions:** If TYPITTL <> Empty Then  
BBLDG

---

**Name:** EXPOSE  
**SAS Name:** EXPOSE  
**Universe Description:** Type B-12, 14, and 15 Noninterviews.

**Question Text:** Is the interior-

**Answer List:** EXPOSE\_B

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>         |
|---------------|------------------|-----------------------------|
| 1             |                  | Exposed to the elements     |
| 2             |                  | Not exposed to the elements |

---

**Skip Instructions:** If EXPOSE <> Empty Then  
BBLDG

---

**Name:** BBLDG  
**SAS Name:** BBLDG  
**Universe Description:** Type B noninterviews excluding B-10 and B-13.

**Question Text:** Does the building contain any housing units?

Consider all units whether or not they are in sample.  
If there are any units that would qualify as Type B or  
Type C noninterviews, do not count them as housing units.

**Answer List:** BBLDG

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>  |
|---------------|------------------|--|
| 1             | Yes              | Yes, building contains at least one housing unit - either occupied or vacant.  |
| 2             | NoOne            | No, building does not contain any housing units and sample unit is the only unit in the building.                                  |
| 3             | NoMore           | No, building does not contain any housing units and there is more than one unit that would qualify for a Type B or C noninterview. |

---

**Skip Instructions:** If BBLDG <> Empty Then  
BBORD

---

**Name:** BOARDU  
**SAS Name:** BOARDU  
**Universe Description:** All Type B noninterviews except Type B-10 and B-13.

**Question Text:** Is the unit boarded up?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If BOARDU in [Yes,No,Dk] Then  
BYOBS

---

**Name:** NOINTC

**SAS Name:** NOINTC

**Universe Description:** Type C Noninterviews and units built after April 2000.

**Question Text:** Enter Type C Noninterview Reason

**Answer List:** NOINTC

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                      |
|---------------|------------------|--|
| 30            | Demolished       | Demolished or disaster loss              |
| 31            | Moved            | House or manufactured/mobile home moved  |
| 32            | Eliminated       | Unit eliminated in structural conversion |
| 33            | Merged           | Merged, not in current sample            |
| 36            | Abandoned        | Permit abandoned                         |
| 37            | NotClass         | Type C, not classified, specify          |
| 38            | Subsampl         | Unit removed during subsampling          |
| 40            | Selection        | Unit already had a chance of selection   |

---

**Skip Instructions:** If NOINTC = 30 Then  
DDLRE  
Elseif NOINTC = 31 Then  
HMMPK  
Elseif NOINTC = 32 Then  
ESCRO  
Elseif NOINTC = 33 and ((SDESIG = 1 and AHSNFRM in [1,3,6,8,10,11]) or (SDESIG = 2 and FRAME = 2)) Then  
CHRSA  
Elseif NOINTC = 33 and ((SDESIG = 1 and AHSNFRM in [2,4,7,9,12,13]) or (SDESIG = 2 and FRAME <> 2)) Then  
CMRNU  
Elseif NOINTC = 36 Then  
PERMAB  
Elseif NOINTC = 37 Then  
TYP37R  
Elseif NOINTC = 38 Then

NOINT38RO  
Elseif NOINTC = 40 Then  
Exit Module

---

**Name:** DDLRE  
**SAS Name:** DDLRE  
**Universe Description:** Type C-30 Noninterviews.

**Question Text:** TYPE C-30  
DEMOLISHED OR DISASTER LOSS

Enter the appropriate category

**Answer List:** DDLRE

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             | Demolished       | Demolished          |
| 2             | Disaster         | Disaster loss       |

---

**Skip Instructions:** If DDLRE = 1 Then  
DDLAP  
Elseif DDLRE = 2 Then  
DDLWS

---

**Name:** DDLAP  
**SAS Name:** DDLAP  
**Universe Description:** Unit was demolished.

**Question Text:** How much of the unit has been demolished?

**Answer List:** DDLAP

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>            |
|---------------|------------------|--------------------------------|
| 1             |                  | All                            |
| 2             |                  | Part - Demolition progressing  |
| 3             |                  | Part - Demolition discontinued |
| 4             |                  | None                           |

---

**Skip Instructions:** If DDLAP in [1,2] Then  
DFIRE  
Elseif DDLAP in [3,4] Then  
E\_DDLAP

---

**Name:** DDLWS

**SAS Name:** DDLWS

**Universe Description:** Unit was loss to disaster.

**Question Text:** Are the exterior walls standing?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If DDLWS = Yes Then  
E\_DDLWS  
Elseif DDLWS = No Then  
DFIRE

---

**Name:** HMMPK

**SAS Name:** HMMPK

**Universe Description:** Type C-31 Noninterviews.

**Question Text:** TYPE C-31  
HOUSE OR MANUFACTURED/MOBILE HOME MOVED

Is this site (or location description) in a place that has common  
properties or facilities AND a single management or association?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If HMMPK = Yes Then  
E\_HMMPK  
Elseif HMMPK = No Then  
DFIRE

---

**Name:** ESCRO

**SAS Name:** ESCRO

**Universe Description:** Type C-32 Noninterviews.

**Question Text:** TYPE C-32  
UNIT ELIMINATED IN STRUCTURAL CONVERSION

Did you call the Regional Office?

Answer List: YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If ESCRO = Yes Then  
TYP32TL  
Elseif ESCRO = No Then  
E\_ESCRO

---

**Name:** TYP32TL  
**SAS Name:** TYP32TL  
**Universe Description:** FR called RO.

**Question Text:** Give the title of the person in the Regional Office who authorized this classification.

**Skip Instructions:** If TYP32TL <> Empty Then  
BYOBS

---

**Name:** CHRSA  
**SAS Name:** CHRSA  
**Universe Description:** Unit segment types.

**Question Text:** TYPE C-33  
MERGED-NOT IN CURRENT SAMPLE

Does the resulting unit use the same specific  
address as the original sample unit?

Answer List: YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If CHRSA = No Then  
BYOBS  
Elseif CHRSA = Yes Then  
E\_CHRSA

---

**Name:** CMRNU  
**SAS Name:** CMRNU  
**Universe Description:**

**Question Text:** How many units were involved in this merger?

**Skip Instructions:** If CMRNU in [2..99] Then  
CMRFU

---

**Name:** CMRFU

**SAS Name:** CMRFU

**Universe Description:** Valid number of units involved in merger.

**Question Text:** Is the first unit involved in the merger designated for AHS sample?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If CMRFU = Yes Then  
CMREX  
Elseif CMRFU = No Then  
BYOBS

---

**Name:** CMREX

**SAS Name:** CMREX

**Universe Description:** First unit involved in merger is designated for AHS sample.

**Question Text:** Is this an EXTRA unit which has merged  
with another AHS sample unit?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If CMREX = Yes Then  
BYOBS  
Elseif CMREX = No Then  
CMRSH

---

**Name:** CMRSH

**SAS Name:** CMRSH

**Universe Description:** Unit is not an Extra unit merged with another unit.

**Question Text:** Do you have a case in your assignment containing



current household members who are occupying the unit that was created by the merger?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If CMRSH = Yes Then  
CMROM  
Elseif CMRSH = No Then  
CMRCN

---

**Name:** CMROM

**SAS Name:** CMROM

**Universe Description:** FR has case with household members that occupy the merged unit.

**Question Text:** Is this the case that contains the household which occupies the merger?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If CMROM = Yes Then  
E\_CMROM  
Elseif CMROM = No Then  
BYOBS

---

**Name:** CMRCN

**SAS Name:** CMRCN

**Universe Description:** FR has does not have case with household members that occupy the merged unit.

**Question Text:** Does this case represent the control number for the first of the merged units listed?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If CMRCN = Yes Then  
E\_CMRCN  
Elseif CMRCN = No Then  
BYOBS

---

**Name:** PERMAB  
**SAS Name:** PERMAB  
**Universe Description:** Type C-36 Noninterviews.

**Question Text:** TYPEC-36  
PERMIT ABANDONED

Enter source(s) with whom you have verified the status of the permit.  
Call the Regional Office before contacting permit office.

Enter all that apply, separate with commas

**Answer List:** PERMAB

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>     |
|---------------|------------------|-------------------------|
| 1             |                  | Builder or contractor   |
| 2             |                  | Sales or rental office  |
| 3             |                  | Development corporation |
| 4             |                  | Owner                   |
| 5             |                  | Regional Office         |
| 6             |                  | Permit Office           |
| 7             | Other            | Other; specify          |

---

**Skip Instructions:** If PERMAB in [1..6] Then  
BYOBS  
Elseif PERMAB = 7 Then  
PAOTHSP

---

**Name:** PAOTHSP  
**SAS Name:** PAOTHSP  
**Universe Description:** Source of permit status verification is other than those listed at PERMAB.

**Question Text:** Specify source with whom you have verified the permit status

**Skip Instructions:** If PAOTHSP <> Empty Then  
BYOBS

---

**Name:** TYP37R  
**SAS Name:** TYP37R  
**Universe Description:** Type C-37 Noninterviews.

**Question Text:** TYPE C-37  
NOT CLASSIFIED

Specify the Type C found

**Skip Instructions:** If TYP37R <> Empty Then  
COTLP

---

**Name:** COTLSO  
**SAS Name:** COTLSO  
**Universe Description:** Type C-37 Noninterviews.

**Question Text:** Enter what best describes the reason for this classification.

Enter all that apply, separate with commas

**Answer List:** COTLSO

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Listing problem     |
| 2             |                  | Sampling problem    |
| 3             |                  | Other               |

---

**Skip Instructions:** If COTLSO in [1..3] Then  
BYOBS

---

**Name:** NOINT38RO  
**SAS Name:** NOINT38RO  
**Universe Description:** Type C-38 Noninterviews.

**Question Text:** TYPE C-38  
UNIT REMOVED DURING SUBSAMPLING

This code is for office use only.

Did you get RO approval to use Type C-38?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If NOINT38RO = Yes Then  
Exit Module  
Elseif NOINT38RO = No Then

---

**Name:** DFIRE

**SAS Name:** DFIRE

**Universe Description:** Type C-30 and 31 Noninterviews.

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

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If DFIRE = Yes Then  
BYOBS  
Elseif DFIRE = No Then  
DISAS

---

**Name:** DISAS

**SAS Name:** DISAS

**Universe Description:** Unit not severely damaged by fire.

**Question Text:** Other natural disaster?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If DISAS <> Empty Then  
BYOBS

---

**Name:** BYOBS

**SAS Name:** BYOBS

**Universe Description:** Type B Noninterviews and Type C Noninterviews excluding Type C-38.

**Question Text:** Was noninterview status determined by observation only or did someone provide you with information about the housing unit?

**Answer List:** BYOBS

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>             |
|---------------|------------------|---------------------------------|
| 1             |                  | Observation only                |
| 2             |                  | Information provided by someone |

---

**Skip Instructions:** If BYOBS <> Empty Then  
EXCLE

---

**Name:** EXCLE

**SAS Name:** EXCLE

**Universe Description:** Type B Noninterviews and Type C Noninterviews excluding Types C-38 and C-40.

**Question Text:** Enter an explanation of why you classified the unit as a  
Type B or C Noninterview.

**Skip Instructions:** If EXCLE <> Empty Then  
Exit Module

---

**Name:** NEWHH

**SAS Name:** NEWHH

**Universe Description:**

---

**Name:** REPLCE

**SAS Name:** REPLCE

**Universe Description:**

---

**Name:** HHMEM

**SAS Name:** HHMEM

**Universe Description:**

---

**Name:** OLDPER

**SAS Name:** OLDPER

**Universe Description:**

---

**Name:** DELPER

**SAS Name:** DELPER

**Universe Description:**

---

**Name:** PCNT

**SAS Name:** PCNT

**Universe Description:**

---

**Name:** NROSIZE

**SAS Name:** NROSIZE

**Universe Description:**

---

**Name:** PSCODE

**SAS Name:** PSCODE

**Universe Description:**

---

**Name:** PSMO

**SAS Name:** PSMO

**Universe Description:**

---

**Name:** PSYR

**SAS Name:** PSYR

**Universe Description:**

---

**Name:** PELIG

**SAS Name:** PELIG

**Universe Description:**

---

**Name:** NEWPCNT

**SAS Name:** NEWPCNT

**Universe Description:**

---

**Name:** UREFLG

**SAS Name:** UREFLG

**Universe Description:**

---

**Name:** QCRESP

**SAS Name:** QCRESP

**Universe Description:**

---

**Name:** RESPLINE

**SAS Name:** RESPLINE

**Universe Description:**

---

**Name:** RESPNAME

**SAS Name:** RESPNAME

**Universe Description:**

---

**Name:** REFFNAME

**SAS Name:** REFFNAME

**Universe Description:**

---

**Name:** REFLNAME

**SAS Name:** REFLNAME

**Universe Description:**

---

**Name:** REFLNO

**SAS Name:** REFLNO

**Universe Description:**

---

**Name:** RIPVFL

**SAS Name:** RIPVFL

**Universe Description:**

---

**Name:** TEN

**SAS Name:** TEN

**Universe Description:**

---

**Name:** NWREFPER

**SAS Name:** NWREFPER

**Universe Description:**

---

**Name:** OLDESTPERSON

**SAS Name:**

**Universe Description:**

---

**Name:** DEM\_BEG

**SAS Name:**

**Universe Description:** Regular Occupied Cases

**Question Text:** DO NOT DISPLAY THIS ITEM

**Skip Instructions:** If I\_ISTATUS = 1 and I\_INCSAM = 0 Then

STILIV1

Elseif I\_ISTATUS in [2..4, Empty] or (I\_ISTATUS = 1 and I\_INCSAM <> 0) Then

FNAME

---

**Name:** STILIV1

**SAS Name:** STILIV1

**Universe Description:** Returning cases that were regular, occupied interviews last time.

**Question Text:** I have listed

READ NAMES BELOW

Are all of these persons still living or staying at ^this\_that address?

HH R LN NAME SEX REL ED RACE MAR LPR  
AGE

^\_HH ^RESP ^\_LNO ^\_NAMEFILL ^\_GENDER ^\_RELATION ^\_EDUC  
^\_RACEFILL ^\_MARSTAT ^\_PAR ^\_AGE

**Answer List:** STILIV1

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |
| 3             |                  | Undelete            |

---

**Skip Instructions:** If STILIV1 = No Then  
STILIV2  
Elseif STILIV1 = Undelete Then  
UNDELWHO  
Elseif STILIV1 in [Yes,Dk,Rf] Then  
MSBABY

---

**Name:** UNDELWHO

**SAS Name:** UNDELWHO

**Universe Description:** Returning regular, occupied interviews, where an old hh member will be reinstated.

**Question Text:** Who now lives here?

Enter all that apply, separate with commas

**Answer List:** UNDELWHO

**Skip Instructions:** If UNDELWHO in [1..30] Then  
STILIV1

---

**Name:** STILIV2

**SAS Name:** STILIV2

**Universe Description:** Returning regular, occupied interviews, where all persons are not still living at address



**Question Text:** (Do ANY of these people still live ^here\_there1?)

HH LN NAME SEX REL AGE MAR LPR  
^\_HH ^\_LNO ^\_NAMEFILL ^\_GENDER ^\_RELATION ^\_AGE ^\_MARSTAT  
^\_PAR

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If STILIV2 in [Yes,Dk,Rf] Then  
WHYNO  
Elseif STILIV2 = No Then  
E\_STILIV2

---

**Name:** WHYNO

**SAS Name:** WHYNO

**Universe Description:** Some persons still living at address; or don't know/refuse to answer question about hh membership.

**Question Text:** Who no longer lives here? (Why does he/she no longer live here?)

Use up/down arrow to select. Enter reason person left.  
Press END key if no more changes.

**Answer List:** WHYNO

---

| Value: | Mnemonic: | Description:                              |
|--------|-----------|---|
| 1      | Moved     | Moved away                                |
| 2      | Deceased  | Deceased                                  |
| 3      | Error     | Included in error in a previous interview |
| 4      | Mistake   | Mistake, should not be deleted            |
| 5      | Other     | Other                                     |

---

**Skip Instructions:** If WHYNO in [1..5,Dk,Rf] and NEWHH = 1 Then  
FNAME  
Elseif WHYNO in [1..5,Dk,Rf] and NEWHH = 2 Then  
MSBABY

---

**Name:** FNAME

**SAS Name:** FNAME

**Universe Description:** All members of new households, including replacement hhs, and new members of

returning hhs.

**Question Text:** ^Name\_person  
^Start\_person  
^Who\_else

Enter first name

^Exit

**Skip Instructions:** If FNAME <> Empty Then  
LNAME  
Elseif FNAME = 999 and MSBABY = Empty Then  
MSBABY  
Elseif FNAME = 999 and MSBABY <> Empty and MSLODG = Empty Then  
MSLODGE  
Elseif FNAME = 999 and MSBABY <> Empty and MSLODG <> Empty and MSAWAY  
= Empty Then  
MSAWAY  
Elseif FNAME = 999 and MSBABY <> Empty and MSLODG <> Empty and MSAWAY  
<> Empty and MSOTHR = Empty Then  
MSOTHR

---

**Name:** LNAME

**SAS Name:** LNAME

**Universe Description:** Entered a first name for new hh member.

**Question Text:** Enter last name

**Skip Instructions:** If LNAME <> Empty and USUAL = Empty Then  
USUAL  
Elseif LNAME <> Empty and USUAL <> Empty Then  
SEX

---

**Name:** USUAL

**SAS Name:** USUAL

**Universe Description:** Entered a last name for new hh member.

**Question Text:** ^Do\_Does ^you\_NAME  
usually live here?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If USUAL = No and OLDPER = 0 Then  
URE  
Elseif (USUAL = No and OLDPER = 1) or USUAL = Yes Then  
SEX

---

**Name:** URE  
**SAS Name:** CHURE  
**Universe Description:** Person does not usually live at the address.

**Question Text:** ^Do\_Does ^you\_NAME have  
some other place where ^you\_he\_she usually lives?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If URE = No Then  
SEX  
Elseif URE = Yes Then  
FNAME on next line of table

---

**Name:** SEX  
**SAS Name:** SEX  
**Universe Description:** Person does not have some other place where he/she usually lives.

**Question Text:** (^Are\_Is1 ^you\_NAME male or female?)

**Answer List:** SEX

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Male                |
| 2             |                  | Female              |

---

**Skip Instructions:** If SEX <> Empty and NEWHH = 1 Then  
FNAME on next line of table  
Elseif SEX <> Empty and NEWHH = 2 Then  
ADDWHY

---

**Name:** ADDWHY  
**SAS Name:** ADDWHY  
**Universe Description:** New persons added to returning households.

**Question Text:** Why ^were\_was ^you\_NAME added?

**Answer List:** ADDWHY

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>            |
|---------------|------------------|--------------------------------|
| 1             | Born             | Born                           |
| 2             | Moved            | Moved into household/apartment |
| 3             | Other            | Other reason                   |

---

**Skip Instructions:** If ADDWHY <> Empty Then  
FNAME on next line of table

---

**Name:** MSBABY

**SAS Name:** MSBABY

**Universe Description:** Returning cases that were regular, occupied interviews last time and all new regular, occupied interviews.

**Question Text:** Have I missed any babies or small children?

HH Name  
^HH ^NAMEFILL

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If MSBABY in [No,Dk,Rf] Then  
MSLODG  
Elseif f MSBABY = Yes Then  
FNAME in PreDemos Table

---

**Name:** MSLODG

**SAS Name:** MSLODG

**Universe Description:** Have not missed any babies or small children; or don't know/refuse to answer question about missing children.

**Question Text:** (Have I missed) any lodgers, boarders, or persons you employ who live here?

HH Name  
^HH ^NAMEFILL

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |

---

---

2

No

---

**Skip Instructions:** If MSLODG in [No, Dk, Rf] Then  
MSAWAY  
Elseif MSLODG = Yes Then  
FNAME in PreDemos Table

---

**Name:** MSAWAY

**SAS Name:** MSAWAY

**Universe Description:** Have not missed any lodgers or boarders; or don't know/refuse to answer question about missing lodgers.

**Question Text:** (Have I missed) anyone who usually lives here but is away now, traveling for work or business, on vacation, or at school or in a hospital?

HH Name  
^HH ^NAMEFILL

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** If MSAWAY in [No, Dk, Rf] Then  
MSOTHR  
Elseif MSAWAY = Yes Then  
FNAME in PreDemos Table

---

**Name:** MSOTHR

**SAS Name:** MSOTHR

**Universe Description:** Have not missed anyone away on travel or at school; or don't know/refuse to answer question about missing travelers.

**Question Text:** Anyone else staying here?

HH Name  
^HH ^NAMEFILL

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** If MSOTHR in [No,Dk,Rf] and NEWHH = 1 and PCNT = 1 Then

OWNER  
 Elseif MSOTHR in [No,Dk,Rf] and NEWHH = 1 and PCNT > 1 Then  
 HHRESP  
 Elseif MSOTHR in [No,Dk,Rf] and NEWHH = 2 and PCNT > 0 Then  
 USUALLY  
 Elseif MSOTHR in [No,Dk,Rf] and PCNT = 0 Then  
 CHANGE  
 Elseif MSOTHR = Yes Then  
 FNAME in PreDemos Table

**Name:** USUALLY

**SAS Name:** USUALLY

**Universe Description:** Returning cases that were regular, occupied interviews last time, have at least one current household member, and that have not missed anyone else (or don't know/refuse to report whether missed anyone).

**Question Text:** ^Listed

(Do ^you\_both\_all usually live here?)

^NAMEFILL

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If USUALLY = No Then  
 UREPN  
 Elseif USUALLY = Yes Then  
 HHRESP

**Name:** UREPN

**SAS Name:** UREPN

**Universe Description:** Returning cases where at least one hh member does not usually live at the address.

**Question Text:** Who does not usually live here?

Enter up to 6 that apply, separate with commas

**Answer List:** UREPN

**Skip Instructions:** If UREPN in [1..30] Then  
 URE2  
 Elseif UREPN in [Dk,Rf] and PCNT > 0 Then  
 HHRESP

Elseif UREP in [Dk,Rf] and PCNT = 0 Then  
CHANGE

---

**Name:** URE2

**SAS Name:** URE2

**Universe Description:** Returning cases where at least one hh member does not usually live at the address.

**Question Text:** ^Do\_Does ^you\_NAME have  
some other place where ^you\_he\_she usually lives?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If URE2 in [Yes,No] and PCNT > 1 Then  
HHRESP  
Elseif URE2 in [Yes,No] and PCNT = 1 Then  
OWNER  
Elseif URE2 in [Yes,No] and PCNT = 0 Then  
CHANGE

---

**Name:** HHRESP

**SAS Name:** HHRESP

**Universe Description:** All regular, occupied interviews.

**Question Text:** (With whom am I speaking?)

**Answer List:** HHRESP

**Skip Instructions:** If HHRESP in [1..30] Then  
OWNER

---

**Name:** OWNER

**SAS Name:** OWNER

**Universe Description:** All regular, occupied interviews.

**Question Text:** In whose name is this home ^TENUREFILL?  
  
Enter up to 5 that apply, separate with commas

**Answer List:** OWNER

**Skip Instructions:** If OWNER in [1..30] Then  
DEMROS

---

**Name:** DEMROS

**SAS Name:**

**Universe Description:** All regular, occupied interviews.

**Question Text:** ^first\_followup

^NAMEFILL

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |                     |
|---|--|---------------------|
| 1 |  | Enter 1 to continue |
|---|--|---------------------|

---

**Skip Instructions:** If DEMROS = Continue Then  
REL

---

**Name:** AGE

**SAS Name:** AGE

**Universe Description:**

---

**Name:** BRTHM

**SAS Name:** BRTHM

**Universe Description:**

---

**Name:** BRTHD

**SAS Name:** BRTHD

**Universe Description:**

---

**Name:** BRTHY

**SAS Name:** BRTHY

**Universe Description:**

---

**Name:** DOB

**SAS Name:** DOB

**Universe Description:**

---

**Name:** RELFLAG

**SAS Name:**

**Universe Description:**

---

**Name:** REL

**SAS Name:** REL



**Universe Description:** All hh members (new regular, occupied interviews and returning households with changes to the roster).

**Question Text:** ^Ask\_Rel

What is ^your\_NAME relationship to ^REFNAME ^REFLNAME?

**Answer List:** REL

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>  |
|---------------|------------------|--|
| 20            | Spouse           | Spouse (Husband/Wife)  |
| 21            | Partner          | Unmarried Partner  |
| 22            | Child            | Child  |
| 23            | Grandchild       | Grandchild   |
| 24            | Parent           | Parent (Mother/Father)   |
| 25            | Sibling          | Brother/Sister   |
| 26            | Other Rel        | Other Relative of Reference Person (Uncle, Cousin, Mother-in-law, Father-in-law, etc.) |
| 27            | Foster           | Foster Child   |
| 28            | Roommate         | Housemate/Roommate   |
| 29            | Boarder          | Roomer/Boarder   |
| 30            | Other Non-rel    | Other Non-relative of Reference Person   |

---

**Skip Instructions:** If REL = 20 and another REL = 20 on roster Then  
E\_REL1a  
Elseif REL = 20 and SEX is same as SEX of ref person Then  
E\_REL1b  
Elseif REL = 24 and another REL = 24 on roster and both have same SEX Then  
E\_REL1d  
Elseif REL in [1,2,22..26] and (RIPVFL = 1 or Person is not Eligible for AGE) Then  
BRTHMQ  
Elseif REL in [21,27..30] Then  
REL2  
Elseif REL in [1,2,20,22..26] and RIPVFL = 0 and Person is Eligible for AGE Then  
VERAGE

---

**Name:** REL2

**SAS Name:** REL2

**Universe Description:** All hh members not related to reference person.

**Question Text:** ^Ask\_Rel2

Does anybody related to ^you\_NAME live here?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If REL2 in [Yes,No] and RIPVL = 0 and Person is Eligible for AGE Then  
 VERAGE  
 Elseif REL2 in [Yes,No] and (RIPVFL = 1 or Person is not Eligible for AGE) Then  
 BRTHMQ

**Name:** VERAGE1

**SAS Name:** VERAGE1

**Universe Description:** All returning hh members eligible for AGE dependent interviewing.

**Question Text:** ^Next\_person

I have recorded that ^you\_he\_she ^are\_is1 ^CAGE\_baby ^this\_month.  
 Is that correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If VERAGE1 = No Then  
 BRTHMQ  
 Elseif VERAGE1 in [Yes,Dk] and AGE in [0..13] and next line is blank Then  
 MOVYR  
 Elseif VERAGE1 in [Yes,Dk] and AGE in [14..120] and (RIPVFL =1 or Person is not  
 Eligible for MAR) and next line is blank Then  
 SMAR  
 Elseif VERAGE1 in [Yes,Dk] and AGE in [14..120] and RIPVFL = 0 and Person is  
 Eligible for MAR and next line is blank Then  
 MARVER  
 Elseif VERAGE1 in [Yes,Dk] Then  
 REL on next line

**Name:** BRTHMQ

**SAS Name:** BRTHMQ

**Universe Description:** All new hh members, and returning hh members ineligible for AGE dependent interviewing or with incorrect AGE values.

**Question Text:** What is ^your\_NAME date of birth?

Enter month

**Answer List:** Months

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             | January          | January             |
| 2             | February         | February            |
| 3             | March            | March               |
| 4             | April            | April               |
| 5             | May              | May                 |
| 6             | June             | June                |
| 7             | July             | July                |
| 8             | August           | August              |
| 9             | September        | September           |
| 10            | October          | October             |
| 11            | November         | November            |
| 12            | December         | December            |

---

**Skip Instructions:** If BRTHMQ <> Empty Then  
BRTHDQ

---

**Name:** BRTHDQ

**SAS Name:** BRTHDQ

**Universe Description:** Entered a birth month in the birthdate question.

**Question Text:** (What is ^your\_NAME date of birth?)

Enter day

**Skip Instructions:** If (BRTHMQ = 2 and BRTHDQ > 29) or  
(BRTHMQ = 4 and BRTHDQ > 30) or  
(BRTHMQ = 6 and BRTHDQ > 30) or  
(BRTHMQ = 9 and BRTHDQ > 30) or  
(BRTHMQ = 11 and BRTHDQ > 30) Then  
E\_BRTHDQ  
Elseif BRTHDQ <> Empty Then  
BRTHYQ

---

**Name:** BRTHYQ

**SAS Name:** BRTHYQ

**Universe Description:** Entered a birth day in birthdate question

**Question Text:** (What is ^your\_NAME date of birth?)

Enter 4 digit year

**Skip Instructions:** If BRTHYQ in [Dk,Rf] Then

AGEGES  
Elseif BRTHYQ in [1890..YEAR] and BRTHMQ in [1..12] and BRTHDQ in [1..31]  
Then  
E\_AGE

---

**Name:** AGEGES  
**SAS Name:** AGEGES  
**Universe Description:** Respondent doesn't know/refuses to report person's exact birth year.

**Question Text:** What is your best estimate of ^your\_NAME age?

**Skip Instructions:** If AGEGES in [Dk,Rf] Then  
UNDAGE  
Elseif AGEGES in [0..13] and next line is blank Then  
MOVYR  
Elseif AGEGES in [14..120] and RIPVFL = 0 and Person is Eligible for MAR and next  
line is blank Then  
MARVER  
Elseif AGEGES in [14..120] and (RIPVFL = 1 or Person is not Eligible for MAR) and  
next line is blank Then  
SMAR  
Elseif AGEGES in [0..120] Then  
REL on next line

---

**Name:** UNDAGE  
**SAS Name:** UNDAGE  
**Universe Description:** Respondent doesn't know/refuses to report an estimate of person's age.

**Question Text:** s ASK IF NECESSARY

(Is ^he\_she under 16 years of age?)

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If UNDAGE = Yes and next line is blank Then  
MOVYR  
Elseif UNDAGE in [No,Dk,Rf] and RIPVFL = 0 and Person is Eligible for MAR and  
next line is blank Then  
MARVER  
Elseif UNDAGE in [No,Dk,Rf] and (RIPVFL = 1 or Person is not Eligible for MAR) and  
next line is blank Then  
SMAR  
Elseif UNDAGE in [Yes,No,Dk,Rf] Then

**Name:** EDUC**SAS Name:** EDUC**Universe Description:****Answer List:** EDUCA

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>  |
|---------------|------------------|--|
| 31            | 1st              | Less than 1st grade  |
| 32            | 1-4th            | 1st, 2nd, 3rd or 4th grade   |
| 33            | 5-6th            | 5th or 6th grade   |
| 34            | 7-8th            | 7th or 8th grade   |
| 35            | 9th              | 9th grade  |
| 36            | 10th             | 10th grade   |
| 37            | 11th             | 11th grade   |
| 38            | 12th             | 12th grade, no diploma   |
| 39            | HS               | HIGH SCHOOL GRADUATE - High school DIPLOMA or equivalent (For example: GED)                                |
| 40            | Coll             | Some college but no degree   |
| 41            | Cert             | Diploma or certificate from a vocational, technical, trade or business school beyond the High School level |
| 42            | OA               | Associate degree in college - Occupational/vocational program  |
| 43            | AA               | Associate degree in college - Academic program   |
| 44            | BS               | Bachelors degree (For example: BA, AB, BS)   |
| 45            | MS               | Master's degree (For example: MA, MS, MEng, MEd, MSW, MBA)   |
| 46            | MD               | Professional School degree (For example: MD, DDS, DVM, LLB, JD)  |
| 47            | PhD              | Doctorate degree (For example: PhD, EdD)   |

**Name:** MAR**SAS Name:** MAR**Universe Description:****Answer List:** SMAR

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>     |
|---------------|------------------|-------------------------|
| 1             | Spouse Pres      | Married, SPOUSE PRESENT |
| 2             | Spouse Abs       | Married, SPOUSE ABSENT  |
| 3             | Widowed          | Widowed                 |
| 4             | Divorced         | Divorced                |
| 5             | Separated        | Separated               |
| 6             | Never Mar        | Never Married           |

**Name:** SPOUS  
**SAS Name:** SPOUS  
**Universe Description:**

---

**Name:** MOVYR  
**SAS Name:** MOVYR  
**Universe Description:**

---

**Name:** MOVN  
**SAS Name:** MOVN  
**Universe Description:**

---

**Name:** PAR  
**SAS Name:** PAR  
**Universe Description:**

---

**Name:** NATVTY  
**SAS Name:** NATVTY  
**Universe Description:**

---

**Name:** MARVER  
**SAS Name:** MARVER  
**Universe Description:** All returning hh members ages 14 to 120 who are eligible for MAR dependent interviewing.

**Question Text:** ^You\_NAME ^have\_has\_are\_is ^IMARFILL.

Is that still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If MARVER = No Then  
SMAR  
Elseif MARVER = Yes and RIPVFL = 0 and Person is Eligible for EDUC Then  
EDUVER  
Elseif MARVER = Yes and (RIPVFL = 1 or Person is not Eligible for EDUC) Then  
EDUCA

---

**Name:** SMAR

**SAS Name:** SMAR

**Universe Description:** All new hh members, and returning hh members ineligible for MAR dependent interviewing or with incorrect MAR values who are ages 14 to 120.

**Question Text:** ^Are\_is1 ^you\_NAME now married,  
widowed, divorced, separated or never married?

**Answer List:** SMAR

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>     |
|---------------|------------------|-------------------------|
| 1             | Spouse Pres      | Married, SPOUSE PRESENT |
| 2             | Spouse Abs       | Married, SPOUSE ABSENT  |
| 3             | Widowed          | Widowed                 |
| 4             | Divorced         | Divorced                |
| 5             | Separated        | Separated               |
| 6             | Never Mar        | Never Married           |

---

**Skip Instructions:** If SMAR = 1 and REL2 = No Then  
E\_SMAR1  
Elseif SMAR = 1 and RELFLAG = 2 and Then  
E\_SMAR2  
Elseif SMAR = 1 and REL in [22,23,25,26] and SPOUS = 0 Then  
E\_SMAR3  
Elseif SMAR = 1 and REL in [27..30,33,35,37] and REL2 = Yes and SPOUS = 0 Then  
  
E\_SMAR4  
Elseif SMAR = 1 and RELFLAG = 1 and No REL = 20 on roster Then  
E\_SMAR5  
Elseif SMAR = 1 and Person is Eligible for SPOUS Then  
SLNSPOU  
Elseif SMAR <> 1 and (RIPVFL = 1 or Person is not Eligible for EDUC) Then  
EDUCA  
Elseif SMAR <> 1 and RIPVFL = 0 and Person is Eligible for EDUC Then  
EDUVER

---

**Name:** SLNSPOU

**SAS Name:** SLNSPOU

**Universe Description:** Married hh members with spouses living in the hh.

**Question Text:** Who is ^your\_NAME spouse?

**Answer List:** SLNSPOU

**Skip Instructions:** If SLNSPOU <> Empty and SEX (of current LNO) = SEX (of LNO in SLNSPOU) Then  
E\_SLNSPOU  
Elseif SLNSPOU <> Empty and RIPVFL = 1 or Person is not Eligible for EDUC Then  
EDUCA

Elseif SLNSPOU <> Empty and RIPVFL = 0 and Person is Eligible for EDUC Then  
EDUVER

---

**Name:** EDUVER

**SAS Name:** EDUVER

**Universe Description:** All returning hh members ages 14 to 120 who are eligible for EDUC dependent interviewing.

**Question Text:** The highest grade or level of school  
^you\_NAME completed was  
^GRADE.  
Is that still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If EDUVER = No Then  
EDUCA  
Elseif EDUVER in [Yes,Dk,Rf] Then  
MOVYR

---

**Name:** EDUCA

**SAS Name:** EDUCA

**Universe Description:** All new hh members, and returning hh members ineligible for EDUC dependent interviewing or with incorrect EDUC values who are ages 14 to 120.

**Question Text:** What is the highest level of school ^you\_NAME ^have\_has  
completed or the highest degree ^you\_he\_she ^have\_has received?

**Answer List:** EDUCA

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|---|
| 31            | 1st              | Less than 1st grade   |
| 32            | 1-4th            | 1st, 2nd, 3rd or 4th grade                                    |
| 33            | 5-6th            | 5th or 6th grade  |
| 34            | 7-8th            | 7th or 8th grade  |
| 35            | 9th              | 9th grade   |
| 36            | 10th             | 10th grade  |
| 37            | 11th             | 11th grade  |
| 38            | 12th             | 12th grade, no diploma  |
| 39            | HS               | HIGH SCHOOL GRADUATE - High school DIPLOMA or equivalent (For |

---



example: GED)

---

|    |      |  |
|----|------|--|
| 40 | Coll | Some college but no degree   |
| 41 | Cert | Diploma or certificate from a vocational, technical, trade or business school beyond the High School level |
| 42 | OA   | Associate degree in college - Occupational/vocational program  |
| 43 | AA   | Associate degree in college - Academic program   |
| 44 | BS   | Bachelors degree (For example: BA, AB, BS)   |
| 45 | MS   | Master's degree (For example: MA, MS, MEng, MEd, MSW, MBA)   |
| 46 | MD   | Professional School degree (For example: MD, DDS, DVM, LLB, JD)  |
| 47 | PhD  | Doctorate degree (For example: PhD, EdD)   |

---

**Skip Instructions:** If EDUCA in [31..47,Dk,Rf] Then  
MOVYR

---

**Name:** WHENYR

**SAS Name:** WHENYR

**Universe Description:** All current hh members.

**Question Text:** When did ^you\_NAME move to this ^HTYPEFILL?

Enter 4 digit year

If mother lived here when person was born, enter 0

**Skip Instructions:** If WHENYR in [1890..YEAR] and (YEAR - WHENYR) < (YEAR - BRTHY) Then  
E\_MOVYR  
Elseif WHENYR > YEAR Then  
E\_MOVYR2  
Elseif WHENYR in [1890..YEAR,Dk,Rf] Then  
WHENMON  
Elseif WHENYR = 0 Then  
NATVTY

---

**Name:** WHENMON

**SAS Name:** WHENMON

**Universe Description:** Hh members whose mothers' did not live here when persons were born.

**Question Text:** ^mvyr\_nomvyr

Enter month

**Answer List:** Months

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             | January          | January             |

---

|    |           |           |
|----|-----------|-----------|
| 2  | February  | February  |
| 3  | March     | March     |
| 4  | April     | April     |
| 5  | May       | May       |
| 6  | June      | June      |
| 7  | July      | July      |
| 8  | August    | August    |
| 9  | September | September |
| 10 | October   | October   |
| 11 | November  | November  |
| 12 | December  | December  |

**Skip Instructions:** If WHENMON in [1..12] and WHENYR = YEAR and WHENMON > MONTH Then  
E\_MOVM  
Elseif WHENMON in [1..12,Dk,Rf] Then  
NATVTY

**Name:** NATVTYCOU

**SAS Name:** NATVTYCOU

**Universe Description:** All current hh members.

**Question Text:** The next few questions ask about ^your\_NAME country of birth.

In what country ^were\_was ^you\_NAME born?

Begin entering country name, then select from list.

**Skip Instructions:** If NATVTY = 96 Then  
INUSYR  
Elseif NATVTY in [102..555,Dk,Rf] Then  
CITIZN  
Elseif NATVTY in [57,72] Then  
ORIGN

**Name:** CITIZN

**SAS Name:** CITIZN

**Universe Description:** All persons not born in the US, Puerto Rico, or other outlying are of the US.

**Question Text:** ^Are\_Is1 ^you\_NAME a CITIZEN  
of the United States?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |

---

2

No

---

**Skip Instructions:** If CITIZN = Yes Then  
CTZNA  
Elseif CITIZN = No Then  
INUSYR  
Elseif CITIZN in [Dk,Rf] Then  
ORIGN

---

**Name:** CTZNA

**SAS Name:** CTZNA

**Universe Description:** Person is a US citizen.

**Question Text:** ^Were\_Was ^you\_NAME born  
a citizen of the United States?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If CTZNA in [Yes, Rf] Then  
INUSYR  
Elseif CTZNA in [No, Dk] Then  
CTZNB

---

**Name:** CTZNB

**SAS Name:** CTZNB

**Universe Description:** Person was not born a US citizen; or respondent doesn't know whether person was born a citizen.

**Question Text:** Did ^you\_NAME become a citizen of  
the United States through naturalization?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If CTZNB in [Yes, No, Dk, Rf] Then  
INUSYR

---

**Name:** INUSYR

**SAS Name:** INUSYR

**Universe Description:** All U.S. citizens not born in the U.S. or Puerto Rico and all non-citizens.

**Question Text:** When did ^you\_NAME come to live  
in the United States?

Enter 4 digit year

**Skip Instructions:** If INUSYR in [1890..YEAR] and (YEAR - INUSYR) > (YEAR - BRTHY) Then  
E\_INUSYR  
Elseif INUSYR > YEAR Then  
E\_INUSYR2  
Elseif INUSYR in [1890..YEAR] and (YEAR - INUSYR) < (YEAR - MOVYR) Then  
E\_INUSYR3  
Elseif INSUYR in [1890..YEAR,Dk,Rf] Then  
ORIGN

---

**Name:** ORIGN

**SAS Name:** ORIGN

**Universe Description:** All current hh members.

**Question Text:** ^Are\_Is1 ^you\_NAME Spanish, Hispanic, or Latino?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If ORIGN in [Yes, No, Dk, Rf] Then  
RACE

---

**Name:** RACE

**SAS Name:** RACE

**Universe Description:** All hh members.

**Question Text:** & ^Flashcard

Please choose one or more races that ^you\_NAME ^consider  
^self to be?

Do not probe unless response is 'hispanic' or a hispanic origin

Enter all that apply, separate with commas  
Read bold categories

**Answer List:** RACE

| Value: | Mnemonic: | Description:                              |
|--------|-----------|---|
| 1      |           | White                                     |
| 2      |           | Black or African American                 |
| 3      |           | American Indian or Alaska Native          |
| 4      |           | Asian                                     |
| 5      |           | Native Hawaiian or Other Pacific Islander |
| 6      | Other     | Other; specify                            |

**Skip Instructions:** If RACE in [1..5,Dk,Rf] and (PCNT > 1 and NEWPCNT > 0) Then  
 SPAR  
 Elseif RACE in [1..5,Dk,Rf] and (PCNT = 1 or NEWPCNT = 0) Then  
 CHANGE  
 Elseif RACE = 6 Then  
 RACESP

**Name:** RACESP

**SAS Name:** RACESP

**Universe Description:** Person considers self to be a race other than White, Black/African American, Native American/Alaskan, Asian, or Hawaiian/Pacific Islander.

**Question Text:** s Specify "Other" RACE

**Skip Instructions:** If RACESP <> Empty and PCNT > 1 and NEWPCNT > 0 Then  
 SPAR  
 Elseif RACESP <> Empty and (PCNT = 1 or NEWPCNT = 0) Then  
 CHANGE

**Name:** SPAR

**SAS Name:** SPAR

**Universe Description:** All persons in households with more than 1 person.

**Question Text:** Do ^your\_NAME parent(s) live in this household?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If (SPAR = No or (SPAR in [Yes,Dk,Rf] and Person is not Eligible for PAR)) and  
 RIPVL = 0 and Person is Eligible for AGE Then  
 VERAGE on next line of Demos Table  
 Elseif (SPAR = No or (SPAR in [Yes,Dk,Rf] and Person is not Eligible for PAR)) and  
 (RIPVFL = 1 or Person is not Eligible for AGE) Then

BRTHMQ on next line of Demos Table  
 Elseif SPAR in [Yes,Dk,Rf] and Person is Eligible for PAR Then  
 SLNPAR  
 Elseif (SPAR = No or SPAR in [Yes,Dk,Rf]) and next line of Demos Table is Blank  
 Then  
 CHANGE

**Name:** SLNPAR  
**SAS Name:** SLNPAR  
**Universe Description:** Hh members with parents living in the hh.

**Question Text:** Who is ^your\_NAME parent?

Enter line number of one parent if more than one

**Answer List:** SLNPAR

**Skip Instructions:** If SLNPAR in [1..30] and AGE (of LNO in SLNPAR) - AGE (of LNO) < 14 Then  
 E\_SLNPAR  
 Elseif SLNPAR <> Empty and RIPVFL = 0 and Person is Eligible for AGE Then  
 VERAGE on next line of Demos Table  
 Elseif SLNPAR <> Empty and (RIPVFL = 1 or Person is not Eligible for AGE) Then  
 BRTHMQ on next line of Demos Table  
 Elseif SLNPAR <> Empty and next line of Demos Table is Blank Then  
 CHANGE

**Name:** CHANGE  
**SAS Name:** CHANGE  
**Universe Description:** All URE and regular, occupied interviews

**Question Text:** Review All Categories

HH R LN NAME SEX REL ED RACE OR MAR  
 LNPARG AGE

^HH ^RESP ^LNO ^NAMEFILL ^GENDER ^RELATION ^EDUC ^RACEFILL  
 ^ORIGIN ^MARSTAT ^PAR ^AGE

Is this information correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If CHANGE = Yes Then  
Inventory Module  
Elseif CHANGE = No Then  
CHNG1

---

**Name:** CHNG1  
**SAS Name:** CHNG1  
**Universe Description:** Demographic data is incorrect

**Question Text:** Who has changes?

HH R LN NAME SEX REL ED RACE OR MAR  
LNPAR AGE

^HH ^RESP ^LNO ^NAMEFILL ^GENDER ^RELATION ^EDUC ^RACEFILL  
^ORIGIN ^MARSTAT ^PAR ^AGE

Enter all that apply, separate with commas

**Answer List:** CHNG1

**Skip Instructions:** If CHNG1 <> Empty Then  
CHWHT

---

**Name:** CHWHT  
**SAS Name:** CHWHT  
**Universe Description:** Person(s) has errors in demographic data

**Question Text:** What needs to be changed for ^NAMEFILL?

HH R LN NAME SEX REL ED RACE OR MAR  
LNPAR AGE

^HH ^RESP ^LNO ^NAMEFILL ^GENDER ^RELATION ^EDUC ^RACEFILL  
^ORIGIN ^MARSTAT ^PAR ^AGE

Enter all that apply, separate with commas

**Answer List:** CHANGE

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>  |
|---------------|------------------|----------------------|
| 1             | Name             | Name                 |
| 2             | DOB              | Age or Date-of-Birth |
| 3             | Sex              | Sex                  |

---

---

|   |      |           |
|---|------|-----------|
| 4 | Orig | Origin    |
| 5 | Race | Race      |
| 6 | Mar  | Marriage  |
| 7 | Educ | Education |
| 8 | Par  | Parents   |
| 9 | None | None      |

---

**Skip Instructions:** If CHWHT = 1 Then  
    Fix NAME  
If CHWHT = 2 Then  
    Fix BRTHM,BRTHD,BRTHY  
If CHWHT = 3 Then  
    Fix SEX  
If CHWHT = 4 Then  
    Fix ORIGN  
If CHWHT = 5 Then  
    Fix RACE  
If CHWHT = 6 Then  
    Fix MAR  
If CHWHT = 7 Then  
    Fix EDUC  
If CHWHT = 8 Then  
    Fix PAR

---

**Name:** BUILT

**SAS Name:**

**Universe Description:**

---

**Name:** MBUILT

**SAS Name:**

**Universe Description:**

---

**Name:** CDEPSTAT

**SAS Name:**

**Universe Description:**

---

**Name:** INV\_INTRO

**SAS Name:**

**Universe Description:**

**Question Text:** The next questions are about ^your\_the home.

Enter 1 to continue.



**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** if STYPE=4 and CDEPSTAT=2 or I\_FRSIT<>1,2 or REPLHU<>2 then  
FRSIT  
if STYPE=4 and CDEPSTAT=1 and I\_FRSIT=1,2 and REPLHU=1 then  
TPARKA  
if STYPE=1..3 and REPLHU=1 or CDEPSTAT=2 or I\_BUILT=EMPTY then  
BUILT  
if STYPE=1..3 and REPLHU=2 and CDEPSTAT=1 or I\_BUILT<>EMPTY and  
(I\_TENURE=2 and TENURE=1) then  
BUILT  
if STYPE=1..3 and REPLHU=2 and CDEPSTAT=1 and (I\_TENURE<>2 or  
TENURE<>1) and I\_CONDO=2 and ((I\_BUILT>1919) or (I\_BUILT=1919 and  
I\_OLDECQ<>EMPTY)) then  
CONDOV  
if STYPE=1..3 and REPLHU=2 and CDEPSTAT=1 and (I\_TENURE<>2 or  
TENURE<>1) and I\_CONDO<>2 and ((I\_BUILT>1919) or (I\_BUILT=1919 and  
I\_OLDECQ<>EMPTY)) then  
CONDO1  
if STYPE=1..3 and REPLHU=2 and CDEPSTAT=1 and I\_BUILT=1919 and  
I\_OLDECQ=EMPTY and (I\_TENURE<>2 or TENURE<>1) then  
OLDECQ

---

**Name:** CONDO

**SAS Name:**

**Universe Description:**

---

**Name:** FRSITQ

**SAS Name:** FRSITQ

**Universe Description:** MHs that are replacement housing units OR no information previously provided

**Question Text:** Excluding the dealer's lot, is ^this\_ that the first site on which this manufactured/mobile home was placed?

**Answer List:** FRSITQ

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>         |
|---------------|------------------|-----------------------------|
| 1             |                  | Yes, First site             |
| 2             |                  | No, moved from another site |

---

**Skip Instructions:** IF FRSITQ = yes,no,DK,RF THEN  
TPARKA

---

**Name:** TPARKA

**SAS Name:** TPARKA

**Universe Description:** mobile home, Reg. Occ., URE, Vacant interview

**Question Text:** Is ^your\_that manufactured/mobile home included in a group of 2 or more?

**Answer List:** TPARKA

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                       |
|---------------|------------------|---|
| 1             |                  | Yes                                       |
| 2             |                  | No, manufactured/mobile home not in group |

---

**Skip Instructions:** if TPARKA=1 then  
TPARKB  
if TPARKA=2,DK,RF and REPLHU=1 or CDEPSTAT=2 or I\_BUILT=EMPTY then  
BUILT  
if TPARKA=2,DK,RF and REPLHU=2 and CDEPSTAT=1 and I\_BUILT<>EMPTY and  
(I\_TENURE=2 and TENURE=1) then  
BUILTV  
if TPARKA=2,DK,RF and REPLHU=2 and CDEPSTAT=1 and (I\_TENURE<>2 or  
TENURE<>1) and I\_CONDO=2 and ((I\_BUILT>1919) or (I\_BUILT=1919 and  
I\_OLDECQ<>EMPTY)) then  
CONDOV  
if TPARKA=2,DK,RF and REPLHU=2 and CDEPSTAT=1 and (I\_TENURE<>2 or  
TENURE<>1) and I\_CONDO<>2 and ((I\_BUILT>1919) or (I\_BUILT=1919 and  
I\_OLDECQ<>EMPTY)) then  
CONDO1  
if TPARKA=2,DK,RF and REPLHU=2 and CDEPSTAT=1 and I\_BUILT=1919 and  
I\_OLDECQ=EMPTY and (I\_TENURE<>2 and TENURE<>1) then  
OLDECQ

---

**Name:** TPARKB

**SAS Name:** TPARKB

**Universe Description:** Mobile home is included in group of 2 or more

**Question Text:** How many, including ^your\_that manufactured/mobile home, are in the group?

Enter 21 for any number 21 or greater

**Skip Instructions:** if REPLHU=1 or CDEPSTAT=2 or I\_BUILT=EMPTY then  
BUILT  
if REPLHU=2 and CDEPSTAT=1 and I\_BUILT<>EMPTY and (I\_TENURE=2 and  
TENURE=1) then  
BUILTV  
if REPLHU=2 and CDEPSTAT=1 and (I\_TENURE<>2 or TENURE<>1) and  
I\_CONDO=2 and ((I\_BUILT>1919) or (I\_BUILT=1919 and OLDECQ<>EMPTY)) then  
CONDOV  
if REPLHU=2 and CDEPSTAT=1 and (I\_TENURE<>2 or TENURE<>1) and

I\_CONDO<>2 and ((I\_BUILT>1919) or (I\_BUILT=1919 and OLDECQ<>EMPTY))  
then  
CONDO1  
if REPLHU=2 and CDEPSTAT=1 and I\_BUILT=1919 and I\_OLDECQ=EMPTY and  
(I\_TENURE<>2 or TENURE<>1) then  
OLDECQ

**Name:** BUILTV

**SAS Name:** BUILTV

**Universe Description:** Household is not a replacement housing unit and was a rental in prior year but now is owned, previous info. for BUILT

**Question Text:** Last time we recorded that your ^HTYPEFILL was built ^Between\_Years.

Is this information still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if BUILTV=1,RF and I\_BUILT>1919 and I\_OLDECQ<>EMPTY and CDEPSTAT=1 and I\_CONDO=2 then  
CONDOV  
if BUILTV=1,RF and I\_BUILT>1919 and I\_OLDECQ<>EMPTY and CDEPSTAT=1 and I\_CONDO<>2 then  
CONDO1  
if BUILTV=1,RF and I\_BUILT=1919 and I\_OLDECQ=EMPTY then  
OLDECQ  
if BUILTV=2,DK then  
BUILTQ

**Name:** BUILTQ

**SAS Name:** BUILTQ

**Universe Description:** replacement hu or no previous info. provided

**Question Text:** What year was ^yourhome\_building built?

Mark appropriate year range

**Answer List:** BUILTQ

| Value: | Mnemonic: | Description:  |
|--------|-----------|---------------|
| 0      |           | 2000- present |
| 1      |           | 1995-1999     |

|    |                 |
|----|-----------------|
| 2  | 1990-94         |
| 3  | 1985-89         |
| 4  | 1980-84         |
| 5  | 1975-79         |
| 6  | 1970-74         |
| 7  | 1960-69         |
| 8  | 1950-59         |
| 9  | 1940-49         |
| 10 | 1930-39         |
| 11 | 1920-29         |
| 12 | 1919 or earlier |

**Skip Instructions:** if BUILTQ = 2000-present then  
 BUILT1Q  
 if BUILTQ = DK then  
 DECADEQ  
 if BUILTQ = RF then  
 CONDO  
 if BUILTQ=1920-1999 and CDEPSTAT=1 and I\_CONDO=2 then  
 CONDOV  
 if [BUILTQ=1920-1999 and CDEPSTAT=2 and I\_CONDO<>2] or [BUILTQ<=1919  
 and CDEPSTAT=1 and (I\_OLDECQ<>EMPTY and BUILTV=EMPTY and  
 I\_CONDO<>2)] then  
 CONDO1  
 if BUILTQ<=1919 and CDEPSTAT=1 and (I\_OLDECQ<>EMPTY and  
 BUILTV<>EMPTY and I\_CONDO=2) then  
 CONDOV  
 if BUILTQ<=1919 and (CDEPSTAT=2 or I\_OLDECQ=EMPTY or (OLDECQ<>EMPTY  
 and BUILTV=2)) then  
 OLDECQ

**Name:** BUILT1Q

**SAS Name:** BUILT1Q

**Universe Description:** Home was built between 2000-present

**Question Text:** What year was ^yourhome\_building built?

Enter appropriate year, 2000-present

**Skip Instructions:** if BUILT1Q=2000-present then  
 MBUILTQ

**Name:** DECADEQ

**SAS Name:** DECADEQ

**Universe Description:** year built has don't know response in BUILTQ

**Question Text:** What decade was ^yourhome\_building built?

**Answer List:** DECADEQ

| Value: | Mnemonic:       | Description: |
|--------|-----------------|--------------|
| 0      | 2000-present    |              |
| 1      | 1995-1999       |              |
| 2      | 1990-1994       |              |
| 3      | 1985-1989       |              |
| 4      | 1980-1984       |              |
| 5      | 1975-1979       |              |
| 6      | 1970-1974       |              |
| 7      | 1960-1969       |              |
| 8      | 1950-1959       |              |
| 9      | 1940-1949       |              |
| 10     | 1930-1939       |              |
| 11     | 1920-1929       |              |
| 12     | 1919 or earlier |              |

**Skip Instructions:** if DECADEQ=DK,RF then

YRSOLD

if DECADEQ=2000-present then

MBUILTQ

if DECADEQ=1..11 and CDEPSTAT=1 and I\_CONDO=2 then

CONDOV

if DECADEQ=1..11 and (CDEPSTAT=2 or I\_CONDO<>2) then

CONDO1

if DECADEQ=12 and CDEPSTAT=1 and (I\_OLDECQ<>EMPTY and BUILTV=EMPTY and I\_CONDO=2) then

CONDOV

if DECADEQ=12 and CDEPSTAT=1 and I\_OLDECQ<>EMPTY and BUILTV=EMPTY and I\_CONDO<>2 then

CONDO1

if DECADEQ=12 and (CDEPSTAT=2 or I\_OLDECQ=EMPTY or (OLDECQ<>EMPTY and BUILTV=2,DK)) then

OLDECQ

---

**Name:** YRSOLD

**SAS Name:** YRSOLD

**Universe Description:** repsondent doesn't know the year the house was built

**Question Text:** Do you know how many years old ^yourhome\_building is?

Enter a numeric value between 0 and 200

If more than 200 years old, enter 200

**Skip Instructions:** if  $[(\text{YEAR} - \text{YRSOLD}) > 1919 \text{ and } (\text{YEAR} - \text{YRSOLD}) < 2000]$  or  $[\text{YRSOLD} = \text{DK}, \text{RF}]$   
and  $(\text{CDEPSTAT} = 1 \text{ and } \text{I\_CONDO} = 2)$  then  
CONDOV  
if  $[(\text{YEAR} - \text{YRSOLD}) > 1919 \text{ and } (\text{YEAR} - \text{YRSOLD}) < 2000]$  or  $[\text{YRSOLD} = \text{DK}, \text{RF}]$  and  
 $(\text{CDEPSTAT} <> 1 \text{ and } \text{I\_CONDO} <> 2)$  then  
CONDO1  
if  $(\text{YEAR} - \text{YRSOLD}) \leq 1919 \text{ and } (\text{YEAR} - \text{YRSOLD}) \geq 1$  then  
OLDECQ  
if  $(\text{YEAR} - \text{YRSOLD}) \geq 2000$  then  
MBUILTQ  
If  $\text{YRSOLD} = \text{DK}, \text{RF}$  then  
CONDO

---

**Name:** MBUILTQ

**SAS Name:** MBUILTQ

**Universe Description:** Home was built between 2000 - present year

**Question Text:** In what month was ^yourhome\_building originally built?

**Answer List:** Months

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      | January   | January      |
| 2      | February  | February     |
| 3      | March     | March        |
| 4      | April     | April        |
| 5      | May       | May          |
| 6      | June      | June         |
| 7      | July      | July         |
| 8      | August    | August       |
| 9      | September | September    |
| 10     | October   | October      |
| 11     | November  | November     |
| 12     | December  | December     |

**Skip Instructions:** if  $\text{mbuiltq} = 1..12, \text{dk}, \text{rf}$  AND  $(\text{CDEPSTAT} <> 1 \text{ OR } \text{I\_CONDO} <> 2)$  then  
CONDO1

IF  $\text{MBUILTQ} = 1..12, \text{DK}, \text{RF}$  AND  $\text{CDEPSTAT} = 1 \text{ AND } \text{I\_CONDO} = 2$  THEN  
CONDOV

---

**Name:** OLDECQ

**SAS Name:** OLDECQ

**Universe Description:** home was built in 1919 or earlier and no previous information provided for what decade before 1920 home was built

**Question Text:** We have recorded that ^your\_the\_that ^HTYPEFILL was built before 1920.

What decade was ^your\_the\_that ^HTYPEFILL built?

**Answer List:** OLDECQ

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | 1910-1919           |
| 2             |                  | 1900-1909           |
| 3             |                  | 1890-1899           |
| 4             |                  | 1880-1889           |
| 5             |                  | 1870-1879           |
| 6             |                  | 1860-1869           |
| 7             |                  | 1850-1859           |
| 8             |                  | 1840-1849           |
| 9             |                  | 1830-1839           |
| 10            |                  | 1820-1829           |
| 11            |                  | 1810-1819           |
| 12            |                  | 1800-1809           |
| 13            |                  | 1799 or before      |

---

**Skip Instructions:** if OLDECQ in [1..13], DK, RF and (CDEPSTAT<>1 or I\_CONDO<>2) then CONDO1  
if OLDECQ in [1..13], DK, RF and CDEPSTAT=1 and I\_CONDO=2 then CONDOV

---

**Name:** CONDOV

**SAS Name:** CONDOV

**Universe Description:** dependent interview previously recorded as a condo

**Question Text:** Last time we recorded your ^HTYPEFILL was part of a condominium.

Is this information still correct?

If respondent seems unsure of definition of condo refer to definition under the help screen

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if CONDOV=NO, DK then  
CONDO2

if CONDOV=YES, RF and STYPE=4 and (CDEPSTAT<>1 or I\_ANCHOR<>1) then  
ANCHOR

if CONDOV=YES, RF and STYPE=3 and CDEPSTAT<>1 or I\_FLOORS=EMPTY  
then  
FLOORSQ

if CONDOV=YES, RF and STYPE=3 and CDEPSTAT=1 and I\_FLOORS<>EMPTY  
then  
FLOORSV

if CONDOV=YES, RF and STYPE=1,2 and (REPLHU<>2 or I\_CELLAR<>1..4) then  
CELAR1Q

if CONDOV=YES, RF and STYPE=1,2 and REPLHU=2 and I\_CELLAR>=1 and  
I\_CELLAR<=4 then  
CELAR1V

if CONDOV=YES, RF and STYPE=4 and CDEPSTAT=1 and I\_ANCHOR=1 then  
ANCHORV

---

**Name:** CONDO1

**SAS Name:** CONDO1

**Universe Description:**

**Question Text:** Is ^that\_this ^HTYPEFILL part of a condominium?

If respondent seems unsure of definition of condo refer to definition under the help screen.

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if CONDO1=no,DK THEN  
CONDO2

IF CONDO1=yes,RF and STYPE=4 and (CDEPSTAT<>1 or I\_ANCHOR<>1) THEN  
ANCHOR

IF CONDO1=yes,RF and STYPE=3 and (CDEPSTAT<>1 or I\_FLOORS<>1..21)  
FLOORSQ

IF CONDO1=yes,R and STYPE=3 and CDEPSTAT=1 and I\_FLOORS = 1..21 THEN  
FLOORSV

IF CONDO1=yes,RF and STYPE=1,2 and ((REPLHU<>2) or (I\_CELLAR<>1..4))



```

THEN
  CELAR1Q
IF CONDO1=yes,RF and STYPE=1,2 and REPLHU=2 and I_CELLAR >=1 AND
I_CELLAR<=4 THEN
  CELAR1V
IF CONDO=YES, RF and STYPE=4 and CDEPSTAT=1 and I_ANCHOR=1 THEN
ANCHORV

```

**Name:** CONDO2

**SAS Name:** CONDO2

**Universe Description:** unit is not a condo or respondent does not agree w/the instrument definition of cooperative or person does not agree with definition of cooperative

**Question Text:** Is ^that\_this ^HTYPEFILL part of a cooperative?

If respondent seems unsure of definition of co-op refer to definition under the help screen.

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** IF CONDO2=YES THEN  
CONDOP

```

IF CONDO2=NO, DK, RF and STYPE=3 and CDEPSTAT=1 and I_FLOORS=1..21
THEN
FLOORSV

```

```

IF CONDO2=NO, DK, RF and STYPE=3 and (CDEPSTAT<>1 or I_FLOORS<>1..21)
THEN
FLOORSQ

```

```

IF CONDO2=NO, DK, RF and STYPE=4 and (CDEPSTAT<>1 or I_ANCHOR<>1)
THEN
ANCHOR

```

```

IF CONDO2=NO, DK, RF and STYPE=1,2 and REPLHU=2 and I_CELLAR>=1 and
I_CELLAR<=4 then
CELAR1V

```

```

IF CONDO2=NO, DK, RF and STYPE=1,2 and ((REPLHU<>2) or (I_CELLAR<>1..4))
THEN
CELAR1Q

```

```

IF CONDO2=NO, DK, RF and STYPE=4 and CDEPSTAT=1 and I_ANCHOR=1

```

THEN  
ANCHORV

---

**Name:** CLIMBFL  
**SAS Name:**  
**Universe Description:**

---

**Name:** FLOORS  
**SAS Name:**  
**Universe Description:**

---

**Name:** CELLAR  
**SAS Name:**  
**Universe Description:**

---

**Name:** CELAR1V  
**SAS Name:** CELAR1V  
**Universe Description:** home is one unit attached or one unit detached, not a replacement household, and previous answer exists for cellar

**Question Text:** Last time we recorded that ^that\_this house was built ^basement.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if CELAR1V=no,D THEN  
    CELAR1Q  
IF CELAR1V=yes,R and CDEPSTAT<>1 and I\_FLOORS=empty THEN  
    FLOORSQ  
if CELAR1V=yes,R and CDEPSTAT=1 and I\_FLOORS<>empty THEN  
    FLOORSV

---

**Name:** CELAR1Q  
**SAS Name:** CELAR1Q  
**Universe Description:** single unit attached or single unit detached and no previous info. for basement

**Question Text:** Is ^that\_this house built-

Read categories until a "yes" reply is received

**Answer List: CELAR1Q**

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>          |
|---------------|------------------|------------------------------|
| 1             |                  | With a basement?             |
| 2             |                  | With a crawl space?          |
| 3             |                  | On a concrete slab?          |
| 4             |                  | In some other way? (Specify) |

---

**Skip Instructions:** IF CELAR1Q=2,3,DK,RF and CDEPSTAT=1 and I\_FLOORS=1..21 THEN  
FLOORSV

IF CELAR1Q=2,3,DK,RF and (CDEPSTAT<>1 or I\_FLOORS<>1..21) THEN  
FLOORSQ

IF CELAR1Q=4 THEN  
CELAR1SP

IF CELAR1Q=1 THEN  
CELAR2Q

---

**Name:** CELAR1SP

**SAS Name:** CELAR1SP

**Universe Description:** Other type of foundation

**Question Text:** Specify other type of foundation

**Skip Instructions:** IF CDEPSTAT=1 and I\_FLOORS<><> THEN  
FLOORSV

IF CDEPSTAT<>1 or I\_FLOORS=<> THEN  
FLOORSQ

---

**Name:** CELAR2Q

**SAS Name:** CELAR2Q

**Universe Description:** there is a basement built under the house

**Question Text:** 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")

**Answer List:** ALL\_PART

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | All                 |

---

**Skip Instructions:** IF CDEPSTAT=1 and I\_FLOORS=1..21 THEN  
FLOORSV

IF CDEPSTAT<>1 or I\_FLOORS<>1..21 THEN  
FLOORSQ

**Name:** ANCHORV

**SAS Name:** ANCHORV

**Universe Description:** Home is a manufactured/mobile home and dependent interview, and previous info stored

**Question Text:** Last time we recorded that this manufactured/mobile home was anchored by tiedowns, bolts, or some other means.

Is this still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** IF ANCHORV=YES, NO, DK, RF and (CDEPSTAT<>1 or I\_MHSETQ<>1..3) THEN  
MHSETQ

IF ANCHORV=YES, NO, DK, RF and CDEPSTAT=1 and I\_MHSETQ=1..3 THEN  
MHSETV

**Name:** ANCHOR

**SAS Name:** ANCHOR

**Universe Description:** Home is a manufactured/mobile home and not dependent interview and no previous info.

**Question Text:** Is ^that\_this manufactured/mobile home anchored by tiedowns, bolts, or some other means?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** IF ANCHOR=YES,NO,DK,RF and (CDEPSTAT<>1 or I\_MHSETQ<>1..3) THEN  
MHSETQ

IF ANCHOR=YES,NO,DK,RF and CDEPSTAT=1 and I\_MHSETQ=1..3 THEN  
MHSETV

---

**Name:** MHSETV

**SAS Name:** MHSETV

**Universe Description:** home is a manufactured/mobile home with information from last enumeration

**Question Text:** Last time we recorded that this manufactured/mobile home was ^foundation.

Is this still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if MHSETV=NO, DK then  
MHSETQ

if MHSETV=YES, RF and CDEPSTAT=1 and I\_FLOORS=1..21 then  
FLOORSV

if MHSETV=YES, RF and (CDEPSTAT<>1 or I\_FLOORS<>1..21) then  
FLOORSQ

---

**Name:** MHSETQ

**SAS Name:** MHSETQ

**Universe Description:** Home is a manufactured/mobile home and no previous information

**Question Text:** Is ^that\_this manufactured/mobile home--

Read categories until a "yes" reply is received

**Answer List:** MHSETQ

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                       |
|---------------|------------------|---|
| 1             |                  | Set up on a permanent masonry foundation? |
| 2             |                  | Resting on a concrete pad?                |
| 3             |                  | Up on blocks, but not on a concrete pad?  |
| 4             |                  | Set up in some other way? (Specify)       |

---

**Skip Instructions:** IF MHSETQ<>4 and CDEPSTAT=1 and I\_FLOORS=1..21 THEN  
FLOORSV

IF MHSETQ<>4 and (CDEPSTAT<>1 or I\_FLOORS<>1..21) THEN  
FLOORSQ  
IF MHSETQ=4 THEN  
MHSETQSP

---

**Name:** MHSETSP

**SAS Name:** MHSETSP

**Universe Description:** Other type of mobile home foundation than those listed

**Question Text:** Specify type of other mobile home foundation

**Skip Instructions:** IF CDEPSTAT<>1 or I\_FLOORS=EMPTY THEN  
FLOORSQ  
IF CDEPSTAT=1 and I\_FLOORS=1..21 THEN  
FLOORSV

---

**Name:** FLOORSV

**SAS Name:** FLOORSV

**Universe Description:** Dependent interview and previous answer exist

**Question Text:** Last time we recorded ^I\_FLOORS ^story\_stories in this ^building\_home  
^basement\_attic.

Is this information still correct?

If split level, should be greatest number of stories on top of each other

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** IF FLOORSV=YES, RF and STYPE=1,2,4 THEN  
NOSTEP  
IF FLOORSV=NO,DK THEN  
FLOORSQ  
IF FLOORSV=YES,RF and STYPE=3 and (CDEPSTAT<>1 or I\_CLIMB=empty)  
THEN  
CLIMBQ  
IF FLOORSV=YES,RF and STYPE=3 and CDEPSTAT=1 and I\_CLIMB=0..21 THEN  
CLIMBV

---

**Name:** FLOORSQ

**SAS Name:** FLOORSQ

**Universe Description:** not Dependent interview or no previous answer or previous information was incorrect

**Question Text:** How many stories are there in ^that\_this ^bldg\_home\_mobile ^basement\_attic?

If split level, count greatest number of storis on top of each other

**Skip Instructions:** IF STYPE=3 and CDEPSTAT<>1 or I\_CLIMB<>0..21 THEN  
CLIMBQ  
IF STYPE=1,2,4 THEN  
NOSTEP  
IF STYPE=3 and CDEPSTAT=1 and I\_CLIMB=0..21 THEN  
CLIMBV

---

**Name:** CLIMBV

**SAS Name:** CLIMBV

**Universe Description:** 2+ unit and dependent interview, and info. in input variable and number of floors in structure have not changed

**Question Text:** Last time we recorded ^same\_different

Is this information still correct?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** IF CLIMBV=2,DK THEN  
CLIMBQ  
IF CLIMBV=1,R and [((FLOORSV=1 and I\_FLOORS>=2) or (FLOORSV=RF)) or (FLOORSQ=2..21,DK,RF)]THEN  
ELEVQ  
if CLIMBV=1,RF and ((FLOORSV=1 and I\_FLOORS=1) or (FLOORSQ=1)) then  
NOSTEP

---

**Name:** CLIMBQ

**SAS Name:** CLIMBQ

**Universe Description:** 2+unit, dependent interview, no previous answer, or number of floors in unit has changed since last time

**Question Text:** How many stories are there from the main entrance of the building to the main entrance of ^that\_your apartment?

**Skip Instructions:** IF CLIMBQ=0-21, DK, RF and (((FLOORSV=1 and I\_FLOORS>=2) or (FLOORSV=RF)) or (FLOORSQ=2..21,DK,RF))) THEN  
ELEVQ  
IF CLIMBQ=0-21, DK, RF and ((FLOORSV=1 and I\_FLOORS=1) or (FLOORSQ=1)) THEN

NOSTEP

---

**Name:** ELEVQ

**SAS Name:** ELEVQ

**Universe Description:** multi unit structure with 2 or more floor

**Question Text:** Is there a passenger elevator to ^thisunit\_your floor?

Count freight elevatores also meant to be used by passengers

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF ELEVQ=YES THEN  
ELEVWK  
IF ELEVQ=NO,DK,RF THEN  
NOSTEP

---

**Name:** ELEVWK

**SAS Name:** ELEVWK

**Universe Description:** There is a passenger elevator

**Question Text:** Is at least one of those elevators in working order?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF ELEVWK=YES,NO,DK,RF THEN  
NOSTEP

---

**Name:** NOSTEP

**SAS Name:** NOSTEP

**Universe Description:**

**Question Text:** ^Outside\_Is it possible to enter ^that\_this ^home\_apartment WITHOUT climbing up or down any steps or stairs?

Please consider all entrances and any ramps that could be used.



**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if NOSTEP = 1,2, DK, RF then  
INTROROOMS

---

**Name:** INTROROOMS

**SAS Name:**

**Universe Description:** Regular Occupied, URE, or Vacant interview

**Question Text:** The next few questions are about the number and kinds of rooms in ^your\_that ^HTYPEFILL.

**Answer List:** INTROROOMS

**Skip Instructions:** WHEN "ENTER" IS PRESSED THEN  
BEDRMS

---

**Name:** BEDRMS

**SAS Name:** BEDRMS

**Universe Description:** Regular Occ., URE, Vacant

**Question Text:** ^thinking\_how many bedrooms are there ^your\_that ^HTYPEFILL?

Enter 10 for 10 or more

**Skip Instructions:** IF BEDRMS= 0..10, DK, RF THEN  
BATHS

---

**Name:** BATHS

**SAS Name:** BATHS

**Universe Description:**

**Question Text:** How many full bathrooms?

Enter 10 for 10 or more

**Skip Instructions:** IF BATHS=0..10, DK, RF THEN  
HALFB

---

**Name:** HALFB

**SAS Name:** HALFB

**Universe Description:** Reg. Occ., URE, Vacant

**Question Text:** How many half bathrooms?

Enter 10 for 10 or more

**Skip Instructions:** IF HALFB=0..10, dk,rf THEN  
KITCH

---

**Name:** KITCH

**SAS Name:** KITCH

**Universe Description:** Reg. Occ., URE, Vacant

**Question Text:** How many kitchens?

Enter 5 for 5 or more

**Skip Instructions:** IF KITCH=0..5,dk,rf THEN  
DINING

---

**Name:** DINING

**SAS Name:** DINING

**Universe Description:** Reg. Occ., URE, Vacant

**Question Text:** How many SEPARATE dining rooms?

Enter 5 for 5 or more

**Skip Instructions:** IF DINING=0..5, dk, rf THEN  
LIVING  
if (DINING>=1 and DINING<=5) then  
E\_DINING

---

**Name:** LIVING

**SAS Name:** LIVING

**Universe Description:** Reg. Occ., URE, Vacant

**Question Text:** How many living rooms?

Enter 5 for 5 or more

**Skip Instructions:** IF BEDRMS<>0 or KITCH<>0 or LIVING<>0,1 THEN  
MORROM  
IF BEDRMS=0 and KITCH=0 and LIVING=0,1 THEN  
STUDIO

---

**Name:** STUDIO

**SAS Name:** STUDIO

**Universe Description:** There are no bedrooms, no kitchen and one or less living rooms and Reg. Occ, URE, or Vacant

**Question Text:** If not obvious ask

Is this a one room efficiency or studio apartment?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF STUDIO=YES THEN  
LISTRM  
IF STUDIO=NO, DK, RF THEN  
MORROM

---

**Name:** MORROM

**SAS Name:** MORROM

**Universe Description:** Reg. Occupied, URE, or Vacant interview and unit is not a studio or unit has no bedrooms, or kitchen, no living room

**Question Text:** Besides all of these rooms, are there any OTHER rooms in ^that\_this home?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF MORROM=NO, DK, RF THEN  
LISTRM  
IF MORROM=YES THEN  
MORROM2

---

**Name:** MORROM2

**SAS Name:** MORROM2

**Universe Description:** There are other rooms in the home besides those already mentioned and Reg. Occ, URE, or Vacant

**Question Text:** What are they?

Enter all that apply, separate with commas

Do not count the same room more than once.

Do not count garages, hallways, closets, or porches as rooms

**Answer List:** MORROM2

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>               |
|---------------|------------------|-----------------------------------|
| 1             |                  | Family Rooms/Great Rooms/TV Rooms |
| 2             |                  | Recreation Rooms                  |
| 3             |                  | Dens/Libraries                    |
| 4             |                  | Laundry/Utility/Pantries          |
| 5             |                  | Other Finished Rooms              |
| 6             |                  | Other Unfinished Rooms            |

---

**Skip Instructions:** IF MORROM2<>1..6 THEN  
LISTRM  
IF MORROM2=1 THEN  
FAMRM  
IF MORROM2=2 and MORROM2<>1 THEN  
RECRM  
IF MORROM2=3 and MORROM2<>1,2 THEN  
DENS  
IF MORROM2=4 and MORROM2<>1..3 THEN  
LAUNDY  
IF MORROM2=5 and MORROM2<>1..4 THEN  
OTHFIN  
IF MORROM2=6 and MORROM2<>1..5 THEN  
OTHRUN

---

**Name:** FAMRM

**SAS Name:** FAMRM

**Universe Description:** There are other rooms in the house and other room is family room and Reg. Occ., URE, or Vacant

**Question Text:** How many family rooms, great rooms, or TV rooms?

Enter the number of each type of room respondent mentions. Do not count the same room more than once.

Do not count garages, hallways, closets, or porches as rooms

Enter 5 for 5 or more

**Skip Instructions:** IF MORROM2<>2..6 THEN  
LISTRM  
IF MORROM2=2 THEN

```
RECRM
IF MORROM2=3 and MORROM2<>2 THEN
  DENS
IF MORROM2=4 and MORROM2<>2,3 THEN
  LAUNDY
IF MORROM2=5 and MORROM2<>2..4 THEN
  OTHFIN
IF MORROM2=6 and MORROM2<>2..5 THEN
  OTHRUN
```

---

**Name:** RECRM

**SAS Name:** RECRM

**Universe Description:** home has other rooms, has recreation room and Reg. Occ., URE, or Vacant

**Question Text:** How many recreation rooms?

Enter the number of each type of room respondent mentions. Do not count the same room more than once.

Do not count garages, hallways, closets, or porches as rooms

Enter 5 for 5 or more

**Skip Instructions:** IF MORROM2<>3..6 THEN  
 LISTRM  
IF MORROM2=3 THEN  
 DENS  
IF MORROM2=4 and MORROM2<>3 THEN  
 LAUNDY  
IF MORROM2=5 and MORROM2<>3,4 THEN  
 OTHFIN  
IF MORROM2=6 and MORROM2<>3..5 THEN  
 OTHRUN

---

**Name:** DENS

**SAS Name:** DENS

**Universe Description:** Home has a Den, Library and Reg. Occ., URE, or Vacant

**Question Text:** How many dens or libraries?

Enter the number of each type of room respondent mentions. Do not count the same room more than once.

Do not count garages, hallways, closets, or porches as rooms

Enter 5 for 5 or more

**Skip Instructions:** IF MORROM2<>4..6 THEN  
LISTRM  
IF MORROM2=4 THEN  
LAUNDY  
IF MORROM2=5 and MORROM2<> 4 THEN  
OTHFIN  
IF MORROM2=6 and MORROM2<>4,5 THEN  
OTHRUN

---

**Name:** LAUNDY

**SAS Name:** LAUNDY

**Universe Description:** Home has laundry/utility/pantry, Reg. Occ., URE, or Vacant

**Question Text:** How many laundry, utility, or pantry rooms?

Enter the total number of this type of room respondent mentions. Do not count the same room more than once.

Do not count garages, hallways, closets, or porches as rooms

Enter 5 for 5 or more

**Skip Instructions:** IF MORROM2<>5..6 THEN  
LISTRM  
IF MORROM2=5 THEN  
OTHFIN  
IF MORROM2=6 and MORROM2<> 5 THEN  
OTHRUN

---

**Name:** OTHFN

**SAS Name:** OTHFN

**Universe Description:** There are other finished rooms in the house and Reg. Occ., URE, or Vacant

**Question Text:** How many other FINISHED rooms?

Enter the total number of this type of room respondent mentions. Do not count the same room more than once.

Do not count garages, hallways, closets, or porches as rooms

Enter 5 for 5 or more

**Skip Instructions:** IF MORROM2<>6 THEN  
LISTRM

IF MORROM2=6 THEN  
OTHRUN

---

**Name:** OTHRUN

**SAS Name:** OTHRUN

**Universe Description:** There are other unfinished rooms in the house and Reg. Occ., URE, and Vacant

**Question Text:** How many other UNFINISHED rooms?

Enter the total number of this type of room respondent mentions. Do not count the same room more than once.

Do not count garages, hallways, closets, or porches as rooms

Enter 5 for 5 or more

**Skip Instructions:** IF OTHRUN=ANSWERED THEN  
LISTRM

---

**Name:** LISTRM

**SAS Name:** RCHECK1

**Universe Description:** unit is a studio, or there are no other rooms in unit, or other rooms listed and Reg. Occ., URE, or Vacant

**Question Text:** I have listed

^Studio

^BEDRMS Bedroom(s), ^BATHS Bathroom(s),

^HALFB Half bathroom(s), ^KITCH Kitchen(s),

^DINING Separate dining room(s), ^LIVING Living room(s),

^FAMRM Family room(s)/"Great" room(s)/TV room(s),

^RECRM Recreation room(s), ^DENS Den(s)/Libraries,

^LAUNDY Laundry room(s)/Utility room(s)/Panttries,

^OTHFIN Other Finished room(s), ^OTHRUN Other Unfinished room(s)

Are there any other rooms ^Elsewhere?

(Have I mis-recorded the number of any rooms?)

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** IF LISTRM=NO,DK,RF and [BEDRMS=0 or (BATHS=0 and HALFB=0) or KITCH=0]  
OR [BEDRMS=empty or (BATHS=empty and HALFB=empty) or KITCH=empty]  
THEN  
NOROOM

```

IF ISTATUS=1 and LISTRM=NO,DK,RF and STUDIO=1,2 or (BEDRMS>=1 and
(BATHS>=1 or HALFB>=1) and KITCH>=1) THEN
  EXCLUS
IF ISTATUS<>1 and LISTRM=NO,DK,RF and STUDIO=1,2 or (BEDRMS>=1 and
(BATHS>=1 or HALFB>=1) and KITCH>=1) THEN
  DRSHOP
if LISTRM=1 then
  ERROR_LISTRM

```

---

**Name:** NOROOM

**SAS Name:** RCHECK2

**Universe Description:** no other rooms listed for the house and there are no bedrooms, no bathrooms, no half bathrooms, or there's no kitchen or there's no answer for bedroom, bathrooms or kitchens and Reg. Occ., URE, or Vacant

**Question Text:** For efficiency or studio apartments, if bedroom and/or kitchen is listed below, enter "1" without asking question.

I want to be sure that I have correctly recorded all of the rooms information. My notes state that there is not a:

^Bedroom

^Bathroom

^Kitchen

in ^this\_that home.

Is that correct?

**Answer List:** NOROOM

---

| Value: | Mnemonic: | Description:  |
|--------|-----------|---|
| 1      |           | Yes   |
| 2      |           | No - CORRECT screen. PROBE: Which do you have? Which do you not have? |

---

**Skip Instructions:** IF NOROOM=yes,DK,RF and STATUS=1 THEN  
 EXCLUS  
 IF NOROOM=YES, DK RF and ISTATUS<>1 THEN  
 DRSHOP  
 if NOROOM=2 then  
 ERROR\_NOROOM

---

**Name:** EXCLUS

**SAS Name:** EXCLUS

**Universe Description:** Regular Occupied Interview



**Question Text:** How many rooms, if any, are used EXCLUSIVELY for business space?

**Skip Instructions:** IF EXCLUS=0,DK,RF THEN  
BUSPER  
IF EXCLUS=1 THEN  
DIRAC1  
if EXCLUS=2..10 then  
DIRAC2

---

**Name:** DIRAC1

**SAS Name:** DIRAC

**Universe Description:** There is one room used exclusively for business space and Regular Occupied Int

**Question Text:** Does that office have direct access to the outside without going through any other room?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF DIRAC1=1,2,DK,RF THEN  
BUSPER

---

**Name:** DIRAC2

**SAS Name:** DIRAC2

**Universe Description:** There is more than one room used exclusively for business space and Regular Occupied Int

**Question Text:** How many of these have direct access to the outside without going through any other room?

**Skip Instructions:** IF DIRAC2=0-10, DK, RF THEN  
BUSPER

---

**Name:** BUSPER

**SAS Name:** BUSPER

**Universe Description:** Regular Occ. Interview

**Question Text:** How many rooms, if any, are used both as business space and for personal use?

**Skip Instructions:** IF (ISTATUS=1 and TENURE=1) THEN  
DRSHOP  
IF ISTATUS=1 and TENURE=2,3 and [INCSAM=1 or REPLHU=1 or I\_ISTATUS=4 or I\_UNITSF<99 OR I\_UNITSF>99998] THEN

UNITSFQ  
IF ISTATUS=1 and TENURE=2,3 and [INCSAM<>1 and REPLHU<>1 and  
I\_ISTATUS<>4 and I\_UNITSF>=99 and I\_UNITSF<=99998] THEN  
USFCHG

---

**Name:** DRSHOP

**SAS Name:** DRSHOP

**Universe Description:** Owner occupied units and vacant and URE units

**Question Text:** Is there a medical or dental office or any commercial establishment on the property?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** IF DRSHOP=YES,NO,DK,RF and INCSAM=1or REPLHU=1 or I\_ISTATUS=4 or  
(I\_UNITSF<99 OR I\_UNITSF>99998) THEN  
UNITSFQ  
IF DRSHOP=YES,NO,DK,RF and INCSAM=0 and REPLHU<>1 and I\_ISTATUS<>4  
and (I\_UNITSF>=99 and I\_UNITSF<=99998) THEN  
USFCHG

---

**Name:** GARAGE

**SAS Name:**

**Universe Description:**

---

**Name:** UNITSFQ

**SAS Name:** UNITSFQ

**Universe Description:** new address

**Question Text:** Thinking about all the rooms you mentioned earlier, as well as ^hallways and entry  
ways in ^the\_that ^HTYPEFILL 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^business)

**Skip Instructions:** IF CDEPSTAT=1 and I\_PORCH=1 THEN

PORCHV

IF CDEPSTAT<>1 or I\_PORCH<>1 THEN

PORCHQ

---

**Name:** USFCHG

**SAS Name:** USFCHG

**Universe Description:**

**Question Text:** Since ^month has there been a change in the amount of living space in the ^HTYPEFILL because of putting on an addition, finishing an attic, or converting a garage to living space?

(Do not count finishing a basement)

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF USFCHG=YES THEN  
ADDLOSS  
IF USFCHG=NO,DK,RF and CDEPSTAT=1 and I\_PORCH=1 THEN  
PORCHV  
IF USFCHG=NO,DK,RF and (CDEPSTAT<>1 or I\_PORCH<>1) THEN  
PORCHQ

---

**Name:** ADDLOSS

**SAS Name:** ADDLOSS

**Universe Description:** There has been a change made to the house

**Question Text:** Was this change an addition or loss?

**Answer List:** ADDLOSS

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Addition            |
| 2             |                  | Loss                |

---

**Skip Instructions:** IF ADDLOSS=ADDITION THEN  
ADD  
IF ADDLOSS=LOSS THEN  
LOSS  
IF ADDLOSS=DK,RF and CDEPSTAT=1 and I\_PORCH=1 THEN  
PORCHV  
IF ADDLOSS=DK,RF and (CDEPSTAT<>1 or I\_PORCH<>1) THEN  
PORCHQ

---

**Name:** ADD

**SAS Name:** FT1AD

**Universe Description:** An addition was put on the house

**Question Text:** How many square feet of living space were added?

If dimensions are given, record first dimension

**Skip Instructions:** if ADD=1..99998 THEN  
ADD2  
IF ADD=DK,RF and CDEPSTAT=1 and I\_PORCH=1 THEN  
PORCHV  
IF ADD=DK,RF and (CDEPSTAT<>1 or I\_PORCH<>1) THEN  
PORCHQ

---

**Name:** ADD2

**SAS Name:** FT2AD

**Universe Description:** An addition was put on the house

**Question Text:** Enter second dimension

If total square feet entered at "ADD" screen, enter "1"

**Skip Instructions:** IF CDEPSTAT=1 and I\_PORCH=1 THEN  
PORCHV  
IF CDEPSTAT<>1 or I\_PORCH<>1 THEN  
PORCHQ

---

**Name:** LOSS

**SAS Name:** FT1LS

**Universe Description:** Change to home was a loss

**Question Text:** How many square feet of living space were lost?

If dimensions are given, record first dimension

**Skip Instructions:** IF LOSS>=1 THEN  
LOSS2  
IF LOSS=DK,RF and CDEPSTAT=1 and I\_PORCH=1 THEN  
PORCHV  
IF LOSS=DK,RF and (CDEPSTAT<>1 or I\_PORCH<>1) THEN  
PORCHQ

---

**Name:** LOSS2

**SAS Name:** FT2LS

**Universe Description:** Change to home was a loss

**Question Text:** Enter second dimension

If total square feet lost entered at "LOSS" screen, enter "1"

**Skip Instructions:** IF CDEPSTAT=1 and I\_PORCH=1 THEN  
PORCHV  
IF CDEPSTAT<>1 or I\_PORCH<>1 THEN  
PORCHQ

---

**Name:** PORCHV

**SAS Name:** PORCHV

**Universe Description:** Reg Occ., URE or Vacant, dependent interview, porch previously recorded

**Question Text:** Last time we recorded that the ^HTYPEFILL had a porch, deck, balcony, or patio.

Is this information still correct?

(Measuring at least 4 feet by 4 feet)

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** IF PORCHV=YES,NO,DK,RF and CDEPSTAT=1 and I\_GARAGE=1 THEN  
GARAGEV  
IF PORCHV=YES, NO, DK, RF and (CDEPSTAT<>1 or I\_GARAGE<>1) THEN  
GARAGEQ

---

**Name:** PORCHQ

**SAS Name:** PORCHQ

**Universe Description:** Reg. Occ, URE, or Vacant, and dependent interview, or no information previously recorded

**Question Text:** Does ^the\_that ^HTYPEFILL have a porch, deck, balcony, or patio?

(Measuring at least 4 feet by 4 feet)

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** IF PORCHQ=YES,NO,DK,RF and CDEPSTAT=1 and I\_GARAGE=1 THEN  
GARAGEV  
IF PORCHQ=YES, NO, DK, RF and (CDEPSTAT<>1 or I\_GARAGE<>1) THEN  
GARAGEQ

---

**Name:** GARAGEV

**SAS Name:** GARAGEV

**Universe Description:** reg occ., URE, Vacant, and dependent interview and garage previously reported

**Question Text:** (Last time) we recorded that a garage or carport was included with ^the\_that ^HTYPEFILL.

Is this still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If GARAGEV = 2,DK,RF THEN  
INCP  
If GARAGEV = 1 and ISTATUS = 1 THEN  
TRUCKS  
If GARAGEV = 1 and ISTATUS = 2,3, and STYPE =3,DK,RF THEN  
END  
if GARAGEV = 1 and STYPE = 1,2,4 and CDEPSTAT = 1 and ISTATUS = 2,3 and  
((I\_LTSQFT <> empty) or ( I\_LTFT1Q<> empty and I\_LTFT2Q <> empty) or  
(I\_LTACQ <> empty)) then  
LOTV  
If GARAGEV = 1 and STYPE = 1,2,4 and CDEPTAT <>1 and ISTATUS = 2,3 or or  
((I\_LTSQFT = empty) and ( I\_LTFT1Q = empty or I\_LTFT2Q = empty) and  
(I\_LTACQ = empty)) then  
LOTQ

---

**Name:** GARAGEQ

**SAS Name:** GARAGE

**Universe Description:** no dependent interview or no information for garage

**Question Text:** Is a garage or carport ^attached included with ^the\_that ^HTYPEFILL?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If GARAGEQ = 2,DK,RF THEN  
INCP  
If GARAGEQ = 1 and ISTATUS = 1 THEN  
TRUCKS  
If GARAGEQ = 1 and ISTATUS = 2,3, and STYPE =3,DK,RF THEN

END  
 if GARAGEQ = 1 and STYPE = 1,2,4 and CDEPSTAT = 1 and ISTATUS = 2,3 and  
 ((I\_LTSQFT <> empty) or ( I\_LTFT1Q<> empty and I\_LTFT2Q <> empty) or  
 (I\_LTACQ <> empty)) then  
 LOTV  
 If GARAGEQ = 1 and STYPE = 1,2,4 and CDEPTAT <>1 and ISTATUS = 2,3 or or  
 ((I\_LTSQFT = empty) and ( I\_LTFT1Q = empty or I\_LTFT2Q = empty) and  
 (I\_LTACQ = empty)) then  
 LOTQ

**Name:** INCP  
**SAS Name:** INCP  
**Universe Description:** no garage

**Question Text:** Is a ^driveway

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If INCP = 1,2,DK,RF and ISTATUS = 1 THEN  
 TRUCKS  
 If INCP = 1,2,DK,RF and ISTATUS = 2,3, and STYPE =3,DK,RF THEN  
 END  
 If INCP = 1,2,DK,RF and STYPE = 1,2,4 and CDEPSTAT = 1 and ISTATUS = 2,3  
 and ((I\_LTSQFT <> empty) or ( I\_LTFT1Q<> empty and I\_LTFT2Q <> empty) or  
 (I\_LTACQ <> empty)) then  
 LOTV  
 If INCP = 1,2,DK,RF and STYPE = 1,2,4 and CDEPTAT <>1 and ISTATUS = 2,3 or  
 ((I\_LTSQFT = empty) and ( I\_LTFT1Q = empty or I\_LTFT2Q = empty) and  
 (I\_LTACQ = empty)) then  
 LOTQ

**Name:** TRUCKS  
**SAS Name:** TRUCKS  
**Universe Description:** Regular Occupied Interview

**Question Text:** How many vans or trucks of one-ton capacity or less are kept at home for use by  
 members of your household?

Enter 5 for 5 or more

**Skip Instructions:** IF TRUCKS=0-5,DK,RF THEN  
 CARS

**Name:** CARS

**SAS Name:** CARS

**Universe Description:** Regular Occupied Interview

**Question Text:** How many automobiles, excluding vans or trucks, are kept at home for use by members of your household?

Enter 5 for 5 or more

**Skip Instructions:** if STYPE = 3 or (TENURE = 1 and CONDO = 1,2) then  
END  
if STYPE = 1,2,4 and CDEPSTAT = 1 and ((ISTATUS = 2,3) or (ISTATUS = 1 and TENURE <>1 or CONDO <> 1,2)) and ((I\_LTSQFT <> empty) or ( I\_LTFT1Q<> empty and I\_LTFT2Q <> empty) or (I\_LTACQ <> empty)) then  
LOTV  
if STYPE = 1,2,4 and CDEPSTAT <>1 and ((ISTATUS = 2,3) or (ISTATUS = 1 and TENURE <>1 or CONDO <> 1,2)) or ((I\_LTSQFT = empty) and ( I\_LTFT1Q = empty or I\_LTFT2Q = empty) and (I\_LTACQ = empty)) then  
LOTQ

**Name:** LOTV

**SAS Name:** ILOTSZVR

**Universe Description:** single unit detached or attached or mobile home and URE or vacant, or regular occ. and not a condo or coop and no previous info. for lot size

**Question Text:** Last time we recorded that your lot was ^SqFt\_Acres.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF LOTV=no,DK THEN  
LOTQ  
IF LOTV=yes,RF THEN  
INVEND

**Name:** LOTQ

**SAS Name:** LOTQ

**Universe Description:** No or Don't know recieved for lot verify question or single unit detached or attached or mobile home and ure or vacant interview or reg. occ. and not a condo or coop and no info. in lot size input variables

**Question Text:** About how large is the ^site\_lot?



Don't read the answers, mark the appropriate box and enter the amount on the following screen

**Answer List:** LOTQ

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Square Feet         |
| 2             |                  | Feet by Feet        |
| 3             |                  | Whole Acres         |

---

**Skip Instructions:** IF LOTQ=DK,RF THEN  
LTAC1P  
IF LOTQ=square feet THEN  
LTSQFTQ  
IF LOTQ=feet by feet THEN  
LTFT1Q  
IF LOTQ=whole acres  
LTACQ

---

**Name:** LTSQFTQ

**SAS Name:** ILTSQFTQ

**Universe Description:** Respondent knows lot measurements in square feet

**Question Text:** Include all connecting land that is owned or that is rented with the home

If under 1 acre, convert to approximate square feet

Use 999998 if 999,998 square feet or more

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.

**Skip Instructions:** IF LTSQFTQ=DK,RF THEN  
LTAC1P  
IF LTSQFTQ=200-999998 THEN  
INVEND

---

**Name:** LTFT1Q

**SAS Name:** LTFT1Q

**Universe Description:** Respondent knows foot by foot measurement of site/lot

**Question Text:** Enter the first dimension

Include all connecting land that is owned or that is rented with the home

**Skip Instructions:** IF LTFT1Q<>EMPTY, DK, RF THEN  
LTFT2Q  
IF LTFT1Q=DK,RF THEN  
LTAC1P

---

**Name:** LTFT2Q  
**SAS Name:** LTFT2Q  
**Universe Description:** Respondent gives the first measurement of foot x foot measurement of site/lot

**Question Text:** Enter the value of the second dimension

**Skip Instructions:** IF LTFT2Q=10..999998 THEN  
INVEND  
IF LTFT2Q=DK,RF THEN  
LTAC1P

---

**Name:** LTACQ  
**SAS Name:** LTACQ  
**Universe Description:** Respondent knows the measurement of the site/lot in whole acres

**Question Text:** Include all connecting land that is owned or that is rented with the home

Drop any fractions, don't round up

**Skip Instructions:** IF LTACQ=1-999998  
INVEND  
if LTACQ=DK,RF THEN  
LAC1P

---

**Name:** LTAC1P  
**SAS Name:** LTAC1P  
**Universe Description:** respondent doesn't know measurement of lot

**Question Text:** Would you say that the ^site\_lot is more than 1 acre or less than 1 acre?

**Answer List:** LTAC1P

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | More         |
| 2      |           | Less         |

---

**Skip Instructions:** IF LTAC1P=DK THEN  
LTAC10P  
IF LTAC1P=RF THEN  
INVEND  
IF LTAC1P=more THEN

ACRES  
IF LTAC1P=less THEN  
ESTIMATE

---

**Name:** ACRES  
**SAS Name:** ACRES  
**Universe Description:** lot is more than 1 acre

**Question Text:** About how many acres?

Enter number of whole acres. Drop any fractions - don't round up

**Skip Instructions:** IF ACRES=DK,RF THEN  
LTAC10P  
IF ACRES=1..999998 THEN  
INVEND

---

**Name:** LTAC10P  
**SAS Name:** LTAC10P  
**Universe Description:** Respondent doesn't know how many acres the lot/site is or refuses to answer

**Question Text:** Is it more than 10 acres?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** IF LTAC10P=yes,no,DK,RF THEN  
INVEND

---

**Name:** ESTIMATE  
**SAS Name:** ESTIMATE  
**Universe Description:** lot is less than 1 acre

**Question Text:** Could you give me an estimate of the dimensions of the lot?

Mark appropriate measurement type and input numbers on following screens

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 square feet or more

**Answer List:** ESTIMATE

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Square Feet         |
| 2             |                  | Feet by Feet        |

---

**Skip Instructions:** IF ESTIMATE=DK,RF THEN  
    INVEND  
IF ESTIMATE=square feet THEN  
    LTSQFTP  
IF ESTIMATE=feet by feet THEN  
    LTFT1P

---

**Name:** LTSQFTP

**SAS Name:** LTSQFTP

**Universe Description:** Respondent knows estimate of lot in square feet

**Question Text:** Enter square footage 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 square feet or more

**Skip Instructions:** IF LTSQFTP=200..999998 OR NOT EMPTY THEN  
    INVEND

---

**Name:** LTFT1P

**SAS Name:** LTFT1P

**Universe Description:** Repondent knows estimated foot by foot measurement of lot

**Question Text:** Input first dimension of foot by foot measurement of the lot

**Skip Instructions:** IF LTFT1P=10..999998 THEN  
    LTFT2P  
IF LTFT1P=DK,RF THEN  
    INVEND

---

**Name:** LTFT2P

**SAS Name:** LTFT2P

**Universe Description:** Respondent knows estimated dimensions of lot in feet

**Question Text:** Enter the second measurement for the feet by feet measurement

**Skip Instructions:** IF LTFT2P=10..999998, DK, RF THEN  
INVEND

---

**Name:** COOK

**SAS Name:** COOK

**Universe Description:**

---

**Name:** BURNER

**SAS Name:** BURNER

**Universe Description:**

---

**Name:** OVEN

**SAS Name:** OVEN

**Universe Description:**

---

**Name:** REFR

**SAS Name:** REFR

**Universe Description:**

---

**Name:** SINK

**SAS Name:** SINK

**Universe Description:**

---

**Name:** CFUEL

**SAS Name:** CFUEL

**Universe Description:**

---

**Name:** EQPINTRO

**SAS Name:**

**Universe Description:** Regular, occupied interviews, Vacant and URE interviews.

**Question Text:** Turning now to questions about appliances and other household equipment.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |                     |
|---|--|---------------------|
| 1 |  | Enter 1 to continue |
|---|--|---------------------|

---

**Skip Instructions:** If CDEPSTAT = 1 and I\_COOK = 1 Then  
COOKV

Elseif CDEPSTAT <> 1 or I\_COOK <> 1 Then  
COOKQ

---

**Name:** COOKV

**SAS Name:** COOKV

**Universe Description:** Returning units eligible for dependent interviewing who reported a stove at previous interview.

**Question Text:** (Last time) we recorded that your ^HTYPEFILL had some type of cooking stove, or a range with an oven--one that is in working order.

Is this information still correct?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If COOKV = Yes and I\_CFUEL in [1..5] Then  
CFUELV  
Elseif COOKV = Yes and I\_CFUEL <> [1..5]) Then  
CFUELQ  
Elseif COOKV in [No,Dk,Rf] and I\_BURNER = 1 Then  
BURNERV  
Elseif COOKV in [No,Dk,Rf] and I\_BURNER <> 1 Then  
BURNERQ

---

**Name:** COOKQ

**SAS Name:** COOKQ

**Universe Description:** All housing units ineligible for dependent interviewing and eligible units who did not report a stove at previous interview.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have some type of cooking stove, or a range with an oven--one that is in working order?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If COOKQ = Yes and CDEPSTAT = 1 and I\_CFUEL in [1..5] Then  
CFUELV  
Elseif COOKQ = Yes and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_CFUEL <> [1..5]))Then

CFUELQ  
 Elseif COOKQ in [No,Dk,Rf] and CDEPSTAT = 1 and I\_BURNER = 1 Then  
 BURNERV  
 Elseif COOKQ in [No,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and  
 I\_BURNER <> 1)) Then  
 BURNERQ

**Name:** BURNERV

**SAS Name:** BURNERV

**Universe Description:** Returning units eligible for dependent interviewing who reported burners at previous interview and have not reported a stove.

**Question Text:** (Last time) we recorded that your ^HTYPEFILL had built-in cooking burners that are in working order.

Is this information still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If BURNERV = Yes and I\_CFUEL in [1..5] Then  
 CFUELV  
 Elseif BURNERV = Yes and I\_CFUEL <> [1..5] Then  
 CFUELQ  
 Elseif BURNERV in [No,Dk,Rf] and REPLHH = 2 and I\_OVEN = 1 Then  
 OVENV  
 Elseif BURNERV in [No,Dk,Rf] and (REPLHH <> 2 or I\_OVEN <> 1) Then  
 OVENQ

**Name:** BURNERQ

**SAS Name:** BURNERQ

**Universe Description:** All housing units ineligible for dependent interviewing who have not reported a cooking stove; Eligible units who did not report burners at previous interview and have not reported a stove.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have any built-in cooking burners that are in working order?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If BURNERQ = Yes and CDEPSTAT = 1 and I\_CFUEL in [1..5] Then  
 CFUELV  
 Elseif BURNERQ = Yes and ((CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_CFUEL <> [1..5])) Then  
 CFUELQ  
 Elseif BURNERQ in [No,Dk,Rf] and CDEPSTAT = 1 and I\_OVEN = 1 and REPLHH = 2 Then  
 OVENV  
 Elseif BURNERQ in [No,Dk,Rf] and (CDEPSTAT = 2 or REPLHH <> 2 or I\_OVEN <> 1 Then  
 OVENQ

**Name:** OVENV

**SAS Name:** OVENV

**Universe Description:** Returning units and households eligible for dependent interviewing who reported a microwave at previous interview and have not reported a stove or burners.

**Question Text:** (Last time) we recorded that your ^HTYPEFILL had a microwave oven that is in working order.

Is this information still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If OVENV in [Yes,No,Dk,Rf] and I\_CFUEL in [1..5] and (COOK = 1 or BURNER = 1 or OVEN = 1) Then  
 CFUELV  
 Elseif OVENV in [Yes,No,Dk,Rf] and I\_CFUEL <> [1..5] and (COOK = 1 or BURNER = 1 or OVEN = 1) Then  
 CFUELQ  
 Elseif OVENV in [No,Dk,Rf] and COOK <> 1 and BURNER <> 1 and I\_REFR = 1 Then  
 REFRV  
 Elseif OVENV in [No,Dk,Rf] and COOK <> 1 and BURNER <> 1 and I\_REFR <> 1 Then  
 REFRQ

**Name:** OVENQ

**SAS Name:** OVENQ

**Universe Description:** Replacement households or units ineligible for dependent interviewing that have not reported a stove or burners.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have a microwave



oven that is in working order?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If OVENQ = Yes and CDEPSTAT = 1 and I\_CFUEL in [1..5] Then  
CFUELV  
Elseif OVENQ = Yes and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_CFUEL <> [1..5])) Then  
CFUELQ  
Elseif OVENQ in [No,Dk,Rf] and CDEPSTAT = 1 and I\_REFR = 1 Then  
REFRV  
Elseif OVENQ in [No,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_REFR <> 1)) Then  
REFRQ

---

**Name:** CFUELV

**SAS Name:** CFUELV

**Universe Description:** Returning units eligible for dependent interviewing who have reported a stove, burners, or microwave; and at previous interview reported some type of cooking fuel.

**Question Text:** (Last time) we recorded that your ^HTYPEFILL used ^CKFUEL most for cooking.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If CFUELV in [Yes,Rf] and I\_REFR = 1 Then  
REFRV  
Elseif CFUELV in [Yes,Rf] and I\_REFR <> 1 Then  
REFRQ  
Elseif CFUELV in [No,Dk] Then  
CFUELQ

---

**Name:** CFUELQ

**SAS Name:** CFUELQ

**Universe Description:** Housing units who have reported a stove, burners, or microwave and have not reported any type of cooking fuel.

**Question Text:** What fuel is used MOST for cooking--electricity, gas or something else?

If "something else," ask "What is used?"

**Answer List:** CFUELQ

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                                   |
|---------------|------------------|---|
| 1             | Electric         | Electricity   |
| 2             | Gas              | Gas, LP Gas (liquid propane (LP) same as bottled gas) |
| 3             | Kerosene         | Kerosene or other liquid fuel                         |
| 4             | Coal             | Coal or coke  |
| 5             | Wood             | Wood  |
| 6             | Other            | Other; specify  |
| 7             | None             | No fuel used  |

---

**Skip Instructions:** If CFUELQ <> 6 and CDEPSTAT = 1 and I\_REFR =1 Then  
REFRV  
Elseif CFUELQ <> 6 and (CDEPSTAT =2 or (CDEPSTAT = 1 and I\_REFR <> 1))  
Then  
REFRQ  
Elseif CFUELQ = 6 Then  
CFUELQS

---

**Name:** CFUELQS

**SAS Name:** CFUELQS

**Universe Description:** Cooking fuel is other than electricity, gas, kerosene, coal, and wood.

**Question Text:** Specify other cooking fuel

**Skip Instructions:** If CFUELQS <> Empty and CDEPSTAT = 1 and I\_REFR = 1 Then  
REFRV  
Elseif CFUELQS <> Empty and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_REFR <>  
1))Then  
REFRQ

---

**Name:** REFRV

**SAS Name:** REFRV

**Universe Description:** Returning units eligible for dependent interviewing who reported a refrigerator at previous interview.

**Question Text:** (Last time) we recorded that your ^HTYPEFILL had a refrigerator that is in working order.

Is this information still correct?

Exclude ice boxes

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If REFRV in [Yes,No,Dk,Rf] and I\_SINK = 1 Then  
SINKV  
Elseif REFRV in [Yes,No,Dk,Rf] and I\_SINK <> 1 Then  
SINKQ

---

**Name:** REFRQ

**SAS Name:** REFRQ

**Universe Description:** All housing units ineligible for dependent interviewing and eligible units who did not report a refrigerator at previous interview.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have a refrigerator that is in working order?

Exclude ice boxes.

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If REFRQ in [Yes,No,Dk,Rf] and CDEPSTAT = 1 and I\_SINK = 1 Then  
SINKV  
Elseif REFRQ in [Yes,No,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_SINK <> 1)) Then  
SINKQ

---

**Name:** SINKV

**SAS Name:** SINKV

**Universe Description:** Returning units eligible for dependent interviewing who reported a sink at previous interview.

**Question Text:** (Last time) we recorded that your ^HTYPEFILL had a kitchen sink.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |

---

**Skip Instructions:** If SINKV = Yes and STYPE = 3 and SINK = 1 and REFR = 1 and (COOK = 1 or BURNER = 1 or OVEN = 1) Then

KEXCLU

Elseif SINKV in [Yes,No,Dk,Rf] and [STYPE <> 3 or SINK <> 1 or REFR <> 1 or (COOK <> 1 and BURNER <> 1 and OVEN <> 1)] and (I\_DISPL = 1 or I\_TRASH = 1 or I\_DISH = 1 or I\_WASH = 1 or I\_DRY = 1) Then

APPLV

Elseif SINKV in [Yes,No,Dk,Rf] and [STYPE <> 3 or SINK <> 1 or REFR <> 1 or (COOK <> 1 and BURNER <> 1 and OVEN <> 1)] and I\_DISPL <> 1 and I\_TRASH <> 1 and I\_DISH <> 1 and I\_WASH <> 1 and I\_DRY <> 1 Then

DISPLQ

**Name:** SINKQ

**SAS Name:** SINKQ

**Universe Description:** All housing units ineligible for dependent interviewing and eligible units who did not report a sink at previous interview.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have a kitchen sink?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If SINKQ in [Yes,No,Dk,Rf] and STYPE = 3 and SINK = 1 and REFR = 1 and (COOK = 1 or BURNER = 1 or OVEN = 1) Then

KEXCLU

Elseif SINKQ in [Yes,No,Dk,Rf] AND (STYPE <> 3 or SINK <> 1 or REFR <> 1 or (COOK <> 1 and BURNER <> 1 and OVEN <> 1)) AND (CDEPSTAT = 1 and (I\_DISPL = 1 or I\_TRASH = 1 or I\_DISH = 1 or I\_WASH = 1 or I\_DRY = 1)) Then

APPLV

Elseif SINKQ in [Yes,No,Dk,Rf] AND (STYPE <> 3 or SINK <> 1 or REFR <> 1 or (COOK <> 1 and BURNER <> 1 and OVEN <> 1)) AND (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_DISPL <> 1 and I\_TRASH <> 1 and I\_DISH <> 1 and I\_WASH <> 1 and I\_DRY <> 1)) Then

DISPLQ

**Name:** KEXCLU

**SAS Name:** KEXCLU

**Universe Description:** Multiunits who have a sink, refrigerator, and either a stove, burner or microwave.

**Question Text:** Are these kitchen facilities ^KitchenUse?

Answer List: YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If KEXCLU in [Yes,No,Dk,Rf] and CDEPSTAT = 1 and (I\_DISPL = 1 or I\_TRASH = 1 or I\_DISH = 1 or I\_WASH = 1 or I\_DRY = 1)  
APPLV  
Elseif KEXCLU in [Yes,No,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_DISPL <> 1 and I\_TRASH <> 1 and I\_DISH <> 1 and I\_WASH <> 1 and I\_DRY <> 1)) Then  
DISPLQ

---

**Name:** DRY

**SAS Name:** DRY

**Universe Description:**

---

**Name:** DFUEL

**SAS Name:** DFUEL

**Universe Description:**

---

**Name:** APPLV

**SAS Name:** APPLV

**Universe Description:** Returning units eligible for dependent interviewing who reported a disposal, compactor, dishwasher, washer, or dryer at previous interview.

**Question Text:** (Last time) we recorded that your ^HTYPEFILL had the following in working order:

^disposal\_y  
^compactor\_y ^apartment  
^dishwasher\_y  
^washer\_y ^apartment  
^dryer\_y ^apartment

^Lacking  
^disposal\_n  
^compactor\_n ^apartment  
^dishwasher\_n  
^washer\_n ^apartment  
^dryer\_n ^apartment

Is this information still correct?

If household plans to fix/replace non-working appliance soon, count it as working.

Answer List: YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If [(APPLV = Yes and DRY in [2,Empty]) or APPLV = Rf] and I\_PUBSEW = 1 Then  
PUBSWV  
Elseif [(APPLV = Yes and DRY in [2,Empty]) or APPLV = Rf] and I\_PUBSEW <> 1  
Then  
PUBSEWQ  
Elseif APPLV = Yes and DRY = 1 and I\_DFUEL in [1,2] Then  
DFUELV  
Elseif APPLV = Yes and DRY = 1 and I\_DFUEL <> [1,2] Then  
DFUELQ  
Elseif APPLV in [No,Dk] Then  
DISPLQ

**Name:** DISPLQ

**SAS Name:** DISPLQ

**Universe Description:** All housing units ineligible for dependent interviewing and eligible units who did not report a working disposal, compactor, dishwasher, washer, or dryer at previous interview.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have a garbage disposal?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If DISPLQ in [Yes,No,Dk,Rf] Then  
TRASHQ

**Name:** TRASHQ

**SAS Name:** TRASHQ

**Universe Description:** All housing units ineligible for dependent interviewing and eligible units who did not report a working disposal, compactor, dishwasher, washer, or dryer at previous interview.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have a built-in trash compactor?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |

---

2

No

---

**Skip Instructions:** If TRASHQ in [Yes,No,Dk,Rf] Then  
DISHQ

---

**Name:** DISHQ

**SAS Name:** DISHQ

**Universe Description:** All housing units ineligible for dependent interviewing and eligible units who did not report a working disposal, compactor, dishwasher, washer, or dryer at previous interview.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have a dishwasher?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** If DISHQ in [Yes,No,Dk,Rf] Then  
WASHQ

---

**Name:** WASHQ

**SAS Name:** WASHQ

**Universe Description:** All housing units ineligible for dependent interviewing and eligible units who did not report a working disposal, compactor, dishwasher, washer, or dryer at previous interview.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have a washing machine?

^apartment2

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** If WASHQ in [Yes,No,Dk,Rf] Then  
DRYQ

---

**Name:** DRYQ

**SAS Name:** DRYQ

**Universe Description:** All housing units ineligible for dependent interviewing and eligible units who did not report a working disposal, compactor, dishwasher, washer, or dryer at previous

interview.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have a clothes dryer?

^apartment2

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If DRYQ = Yes or DISPLQ = Yes or TRASHQ = Yes or DISHQ = Yes or WASHQ = Yes Then  
APPLWK  
Elseif DRYQ <> Yes and DISPLQ <> Yes and TRASHQ <> Yes and DISHQ <> Yes and WASHQ <> Yes and CDEPSTAT = 1 and I\_PUBSEW = 1 Then  
PUBSWV  
Elseif DRYQ <> Yes and DISPLQ <> Yes and TRASHQ <> Yes and DISHQ <> Yes and WASHQ <> Yes and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_PUBSEW <> 1)) Then  
PUBSEWQ

---

**Name:** APPLWK

**SAS Name:** APPLWK

**Universe Description:** Units reporting a dryer, disposal, compactor, dishwasher, or washer.

**Question Text:** ^appliancefill1 ^appliancefill2 currently in working order?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If APPLWK in [Yes,Dk,Rf] and DRY = 1 and CDEPSTAT = 1 and I\_DFUEL in [1,2] Then  
DFUELV  
Elseif APPLWK in [Yes,Dk,Rf] and DRY = 1 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_DFUEL <> [1,2])) Then  
DFUELQ  
Elseif APPLWK in [Yes,Dk,Rf] and DRY <> 1 and CDEPSTAT = 1 and I\_PUBSEW = 1 Then  
PUBSWV  
Elseif APPLWK in [Yes,Dk,Rf] and DRY <> 1 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_PUBSEW <> 1)) Then  
PUBSEWQ



```

Elseif APPLWK = No AND
  (DISPLQ = Yes and (TRASHQ = Yes or DISHQ = Yes or WASHQ = Yes or DRYQ
= Yes)) or
  (TRASHQ = Yes and (DISHQ = Yes or WASHQ = Yes or DRYQ = Yes)) or
  (DISHQ = Yes and (WASHQ = Yes or DRYQ = Yes)) or
  (WASHQ = Yes and DRYQ = Yes) Then
  APPLBRK
Elseif APPLWK = No and DISPLQ = Yes and TRASHQ <> Yes and DISHQ <> Yes
and WASHQ <> Yes and DRYQ <> Yes Then
  DISPLFXQ
Elseif APPLWK = No and DISPLQ <> Yes and TRASHQ = Yes and DISHQ <> Yes
and WASHQ <> Yes and DRYQ <> Yes Then
  TRASHFXQ
Elseif APPLWK = No and DISPLQ <> Yes and TRASHQ <> Yes and DISHQ = Yes
and WASHQ <> Yes and DRYQ <> Yes Then
  DISHFXQ
Elseif APPLWK = No and DISPLQ <> Yes and TRASHQ <> Yes and DISHQ <> Yes
and WASHQ = Yes and DRYQ <> Yes Then
  WASHFXQ
Elseif APPLWK = No and DISPLQ <> Yes and TRASHQ <> Yes and DISHQ <> Yes
and WASHQ <> Yes and DRYQ = Yes Then
  DRYFXQ

```

**Name:** APPLBRK

**SAS Name:** APPLBRK

**Universe Description:** Units reporting at least two of five appliances--dryer, disposal, compactor, dishwahrser, or washer.

**Question Text:** Which appliances are not working?

s Enter all that apply, separate with commas

^compactor

**Answer List:** APPLBRK

| Value: | Mnemonic:  | Description:               |
|--------|------------|----------------------------|
| 1      | Disposal   | A garbage disposal         |
| 2      | Compactor  | A built-in trash compactor |
| 3      | Dishwasher | A dishwasher               |
| 4      | Washer     | A washing machine          |
| 5      | Dryer      | A clothers dryer           |

**Skip Instructions:** If APPLBRK = 1 Then

DISPLFXQ

Elseif APPLBRK <> 1 and APPLBRK = 2 Then

TRASHFXQ

```

Elseif APPLBRK <> 1 and APPLBRK <> 2 and APPLBRK = 3 Then
  DISHFXQ
Elseif APPLBRK <> 1 and APPLBRK <> 2 and APPLBRK <> 3 and APPLBRK = 4
Then
  WASHFXQ
Elseif APPLBRK <> 1 and APPLBRK <> 2 and APPLBRK <> 3 and APPLBRK <> 4
and APPLBRK = 5 Then
  DRYFXQ

```

**Name:** DISPLFXQ

**SAS Name:** DISPLFXQ

**Universe Description:** Units with broken garbage disposals

**Question Text:** Will the garbage disposal be fixed soon?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If DISPLFXQ in [Yes,No,Dk,Rf] and APPLBRK = 2 Then  
 TRASHFXQ  
 Elseif DISPLFXQ in [Yes,No,Dk,Rf] and APPLBRK <> 2 and APPLBRK = 3 Then  
 DISHFXQ  
 Elseif DISPLFXQ in [Yes,No,Dk,Rf] and APPLBRK <> 2 and APPLBRK <> 3 and  
 APPLBRK = 4 Then  
 WASHFXQ  
 Elseif DISPLFXQ in [Yes,No,Dk,Rf] and APPLBRK <> 2 and APPLBRK <> 3 and  
 APPLBRK <> 4 and APPLBRK = 5 Then  
 DRYFXQ  
 Elseif DISPLFXQ in [Yes,No,Dk,Rf] and DRY = 1 and CDEPSTAT = 1 and I\_DFUEL  
 in [1,2] Then  
 DFUELV  
 Elseif DISPLFXQ in [Yes,No,Dk,Rf] and DRY = 1 and (CDEPSTAT = 2 or  
 (CDEPSTAT = 1 and I\_DFUEL <> [1,2])) Then  
 DFUELQ  
 Elseif DISPLFXQ in [Yes,No,Dk,Rf] and DRY <> 1 and CDEPSTAT = 1 and  
 I\_PUBSEW = 1 Then  
 PUBSWV  
 Elseif DISPLFXQ in [Yes,No,Dk,Rf] and DRY <> 1 and (CDEPSTAT = 2 or  
 (CDEPSTAT = 1 and I\_PUBSEW <> 1)) Then  
 PUBSEWQ

**Name:** TRASHFXQ

**SAS Name:** TRASHFXQ

**Universe Description:** Units with broken trash compactors

**Question Text:** Will the built-in trash compactor be fixed soon?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TRASHFXQ in [Yes,No,Dk,Rf] and APPLBRK = 3 Then  
DISHFXQ  
Elseif TRASHFXQ in [Yes,No,Dk,Rf] and APPLBRK <> 3 and APPLBRK = 4 Then  
WASHFXQ  
Elseif TRASHFXQ in [Yes,No,Dk,Rf] and APPLBRK <> 3 and APPLBRK <> 4 and  
APPLBRK = 5 Then  
DRYFXQ  
Elseif TRASHFXQ in [Yes,No,Dk,Rf] and DRY = 1 and CDEPSTAT = 1 and I\_DFUEL  
in [1,2] Then  
DFUELV  
Elseif TRASHFXQ in [Yes,No,Dk,Rf] and DRY = 1 and (CDEPSTAT = 2 or  
(CDEPSTAT = 1 and I\_DFUEL <> [1,2])) Then  
DFUELQ  
Elseif TRASHFXQ in [Yes,No,Dk,Rf] and DRY <> 1 and CDEPSTAT = 1 and  
I\_PUBSEW = 1 Then  
PUBSWV  
Elseif TRASHFXQ in [Yes,No,Dk,Rf] and DRY <> 1 and (CDEPSTAT = 2 or  
(CDEPSTAT = 1 and I\_PUBSEW <> 1)) Then  
PUBSEWQ

---

**Name:** DISHFXQ

**SAS Name:** DISHFXQ

**Universe Description:** Units with broken dishwashers

**Question Text:** Will the dishwasher be fixed soon?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If DISHFXQ in [Yes,No,Dk,Rf] and APPLBRK = 4 Then  
WASHFXQ  
Elseif DISHFXQ in [Yes,No,Dk,Rf] and APPLBRK <> 4 and APPLBRK = 5 Then  
DRYFXQ  
Elseif DISHFXQ in [Yes,No,Dk,Rf] and DRY = 1 and CDEPSTAT = 1 and I\_DFUEL in  
[1,2] Then  
DFUELV

Elseif DISHFXQ in [Yes,No,Dk,Rf] and DRY = 1 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_DFUEL <> [1,2])) Then  
 DFUELQ  
 Elseif DISHFXQ in [Yes,No,Dk,Rf] and DRY <> 1 and CDEPSTAT = 1 and I\_PUBSEW = 1 Then  
 PUBSWV  
 Elseif DISHFXQ in [Yes,No,Dk,Rf] and DRY <> 1 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_PUBSEW <> 1)) Then  
 PUBSEWQ

**Name:** WASHFXQ

**SAS Name:** WASHFXQ

**Universe Description:** Units with broken washing machines

**Question Text:** Will the washing machine be fixed soon?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If WASHFXQ in [Yes,No,Dk,Rf] and APPLBRK = 5 Then  
 DRYFXQ  
 Elseif WASHFXQ in [Yes,No,Dk,Rf] and DRY = 1 and CDEPSTAT = 1 and I\_DFUEL in [1,2] Then  
 DFUELQ  
 Elseif WASHFXQ in [Yes,No,Dk,Rf] and DRY = 1 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_DFUEL <> [1,2])) Then  
 DFUELQ  
 Elseif WASHFXQ in [Yes,No,Dk,Rf] and DRY <> 1 and CDEPSTAT = 1 and I\_PUBSEW = 1 Then  
 PUBSWV  
 Elseif WASHFXQ in [Yes,No,Dk,Rf] and DRY <> 1 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_PUBSEW <> 1)) Then  
 PUBSEWQ

**Name:** DRYFXQ

**SAS Name:** DRYFXQ

**Universe Description:** Units with broken dryers

**Question Text:** Will the clothes dryer be fixed soon?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

|   |     |
|---|-----|
| 1 | Yes |
| 2 | No  |

**Skip Instructions:** If DRYFXQ = Yes and DRY = 1 and CDEPSTAT = 1 and I\_DFUEL in [1,2] Then  
 DFUELV  
 Elseif DRYFXQ = Yes and DRY = 1 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_DFUEL <> [1,2])) Then  
 DFUELQ  
 Elseif DRYFXQ in [No,Dk,Rf] and DRY <> 1 and CDEPSTAT = 1 and I\_PUBSEW = 1  
 Then  
 PUBSWV  
 Elseif DRYFXQ in [No,Dk,Rf] and DRY <> 1 and (CDEPSTAT = 2 or (CDEPSTAT = 1  
 and I\_PUBSEW <> 1)) Then  
 PUBSEWQ

**Name:** DFUELV

**SAS Name:** DFUELV

**Universe Description:** Returning units eligible for dependent interviewing that have a working dryer and reported some type of dryer fuel at previous interview.

**Question Text:** (Last time) we recorded that your dryer used ^DRFUEL.

Is this information still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If DFUELV in [Yes,Rf] and I\_PUBSEW = 1 Then  
 PUBSWV  
 Elseif DFUELV in [Yes,Rf] and I\_PUBSEW <> 1 Then  
 PUBSEWQ  
 Elseif DFUELV in [No,Dk] Then  
 DFUELQ

**Name:** DFUELQ

**SAS Name:** DFUELQ

**Universe Description:** Units who have reported a working dryer and have not reported any type of dryer fuel.

**Question Text:** What type of fuel does the dryer use?

**Answer List:** FUELS1

| Value: | Mnemonic: | Description:                 |
|--------|-----------|------------------------------|
| 1      | Electric  | Electricity                  |
| 2      | Gas       | Gas, LP gas (liquid propane) |
| 3      | Other     | Other; specify               |

**Skip Instructions:** If DFUELQ in [1,2,Dk,Rf] and CDEPSTAT = 1 and I\_PUBSEW = 1 Then  
PUBSWV  
Elseif DFUELQ in [1,2,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and  
I\_PUBSEW <> 1))Then  
PUBSEWQ  
Elseif DFUELQ = 3 Then  
DFUELQS

**Name:** DFUELQS

**SAS Name:** DFUELQS

**Universe Description:** Dryer fuel is other than electricity or gas.

**Question Text:** Specify other dryer fuel

**Skip Instructions:** If DFUELQS <> Empty and CDEPSTAT = 1 and I\_PUBSEW = 1 Then  
PUBSWV  
Elseif DFUELQS <> Empty and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_PUBSEW  
<> 1)) Then  
PUBSEWQ

**Name:** HOTPIP

**SAS Name:** HOTPIP

**Universe Description:**

**Name:** BSINK

**SAS Name:** BSINK

**Universe Description:**

**Name:** TOILET

**SAS Name:** TOILET

**Universe Description:**

**Name:** TUB

**SAS Name:** TUB

**Universe Description:**

**Name:** PUBSEW

**SAS Name:** PUBSEW

**Universe Description:**

---

**Name:** SEWDIS

**SAS Name:** SEWDIS

**Universe Description:**

---

**Name:** PLMFCNT

**SAS Name:**

**Universe Description:**

---

**Name:** PUBSWV

**SAS Name:** PUBSWV

**Universe Description:** Returning units eligible for dependent interviewing who reported unit connected to public sewer at last interview.

**Question Text:** (Last time) we recorded that your ^HTYPEFILL was connected to a public sewer.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If PUBSWV = Yes and BATHS in [0,Dk,Rf] Then  
HOTPIP2  
Elseif PUBSWV = Yes and BATHS = 1 Then  
HOTPIP1  
Elseif PUBSWV = Yes and BATHS >= 2 Then  
SHARPF  
Elseif PUBSWV in [No,Dk,Rf] Then  
SEWDISQ

---

**Name:** PUBSEWQ

**SAS Name:** PUBSEWQ

**Universe Description:** Unit is ineligible for dependent interviewing; or reported unit is not connected to public sewer at last interview.

**Question Text:** Is ^your\_the\_that ^HTYPEFILL connected to a public sewer?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If PUBSEWQ = Yes and BATHS in [0,Dk,Rf] Then  
HOTPIP2  
Elseif PUBSEWQ = Yes and BATHS = 1 Then  
HOTPIP1  
Elseif PUBSEWQ = Yes and BATHS >= 2 Then  
SHARPF  
Elseif PUBSEWQ in [No,Dk,Rf]) and CDEPSTAT = 1 and I\_SEWDIS = 1 Then  
SEWDISV  
Elseif PUBSEWQ in [No,Dk,Rf]) and (CDEPSTAT = 2 or (CDEPSTAT = 1 and  
I\_SEWDIS <> 1)) Then  
SEWDISQ

**Name:** SEWDISV

**SAS Name:** SEWDISV

**Universe Description:** Returning units eligible for dependent interviewing who reported unit is connected to septic tank or cesspool at last interview and are not connected to a public sewer.

**Question Text:** (Last time) we recorded that your ^HTYPEFILL used a septic tank or cesspool for sewage disposal.

Is this information still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If SEWDISV = Yes Then  
SEWDUS  
Elseif SEWDISV in [No,Dk] Then  
SEWDISQ  
Elseif SEWDISV = Rf and BATHS in [0,Dk,Rf] Then  
HOTPIP2  
Elseif SEWDISV = Rf and BATHS = 1 Then  
HOTPIP1  
Elseif SEWDISV = Rf and BATHS >= 2 Then  
SHARPF

**Name:** SEWDISQ

**SAS Name:** SEWDISQ

**Universe Description:** Unit is not connected to a public sewer.



**Question Text:** What means of sewage disposal does ^your\_the\_that  
^HTYPEFILL have?

**Answer List:** SEWDISQ

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             | Septic           | Septic tank         |
| 2             | Cesspool         | Cesspool            |
| 3             | Toilet           | Chemical toilet     |
| 4             | Outhouse         | Outhouse or privy   |
| 5             | Other            | Other; specify      |
| 6             | None             | None                |

---

**Skip Instructions:** If SEWDISQ in [1,2] Then  
SEWDUS  
Elseif SEWDISQ in [3,4,6,Dk,Rf] and BATHS in [0,Dk,Rf] Then  
HOTPIP2  
Elseif SEWDISQ in [3,4,6,Dk,Rf] and BATHS = 1 Then  
HOTPIP1  
Elseif SEWDISQ in [3,4,6,Dk,Rf] and BATHS >= 2 Then  
SHARPF  
Elseif SEWDISQ = 5 Then  
SEWDISQSP

---

**Name:** SEWDISQS

**SAS Name:** SEWDISQS

**Universe Description:** Disposal type is other than septic, cesspool, or outhouse.

**Question Text:** Specify other type of sewage disposal

**Skip Instructions:** If SEWDISQS <> Empty and BATHS in [0,Dk,Rf] Then  
HOTPIP2  
Elseif SEWDISQS <> Empty and BATHS = 1 Then  
HOTPIP1  
Elseif SEWDISQS <> Empty and BATHS >=2 Then  
SHARPF

---

**Name:** SEWDUS

**SAS Name:** SEWDUS

**Universe Description:** Unit uses septic or cesspool for sewage disposal.

**Question Text:** How many homes are connected to the ^septic\_cess?

**Answer List:** SEWDUS

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | One          |
| 2      |           | 2 to 5       |
| 3      |           | 6 or more    |

**Skip Instructions:** If SEWDUS in [1..3,Dk,Rf] and BATHS in [0,Dk,Rf] Then  
HOTPIP2  
Elseif SEWDUS in [1..3,Dk,Rf] and BATHS = 1 Then  
HOTPIP1  
Elseif SEWDUS in [1..3,Dk,Rf] and BATHS >= 2 Then  
SHARPF

**Name:** HOTPIP1

**SAS Name:** HOTPIP1

**Universe Description:** Unit has one full bath.

**Question Text:** Does ^your\_the\_that full bath contain:

Both hot and cold water?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If HOTPIP1 in [Yes,No,Dk,Rf] Then  
BSINK1

**Name:** BSINK1

**SAS Name:** BSINK1

**Universe Description:** Unit has one full bath

**Question Text:** (Does ^your\_the\_that full bath contain:)

A bathroom sink?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If BSINK1 in [Yes,No,Dk,Rf] Then  
TOILET1

**Name:** TOILET1

**SAS Name:** TOILET1

**Universe Description:** Unit has one full bath

**Question Text:** (Does ^your\_the\_that full bath contain:)

A flush toilet?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TOILET1 in [Yes,No,Dk,Rf] Then  
TUB1

---

**Name:** TUB1

**SAS Name:** TUB1

**Universe Description:** Unit has one full bath.

**Question Text:** (Does ^your\_the\_that full bath contain:)

A bathtub or a shower?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If HOTPIP1 = Yes and BSINK1 in [No,Dk,Rf] Then  
BSINKP  
Elseif HOTPIP1 = Yes and BSINK1 = Yes and TOILET1 in [No,Dk,Rf] Then  
TOILETP  
Elseif HOTPIP1 = Yes and BSINK1 = Yes and TOILET1 = Yes and TUB1 in  
[No,Dk,Rf] Then  
TUBP  
Elseif HOTPIP1 = Yes and BSINK1 = Yes and TOILET1 = Yes and TUB1 = Yes Then  
SHARPF  
Elseif HOTPIP1 in [No,Dk,Rf] Then  
HOTPIPP

---

**Name:** HOTPIPP

**SAS Name:** HOTPIPP

**Universe Description:** Unit has one full bath without hot and cold running water.

**Question Text:** Is there both hot and cold water anywhere  
in ^your\_the\_that home?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If HOTPIPP = Yes and BSINK1 = Yes and TOILET1 = Yes and TUB1 = Yes Then  
PLMFCP2  
Elseif HOTPIPP in [Yes,No,Dk,Rf] and BSINK1 in [No,Dk,Rf] Then  
BSINKP  
Elseif HOTPIPP in [Yes,No,Dk,Rf] and BSINK1 = Yes and TOILET1 in [No,Dk,Rf]  
Then  
TOILETP  
Elseif HOTPIPP in [Yes,No,Dk,Rf] and BSINK1 = Yes and TOILET1 = Yes and TUB1  
in [No,Dk,Rf] Then  
TUBP

---

**Name:** BSINKP

**SAS Name:** BSINKP

**Universe Description:** Unit has one full bath without a sink.

**Question Text:** Is there a bathroom sink anywhere  
in ^your\_the\_that home?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If BSINKP in [Yes,No,Dk,Rf] and TOILET1 in [No,Dk,Rf] Then  
TOILETP  
Elseif BSINKP in [Yes,No,Dk,Rf] and TOILET1 = Yes and TUB1 in [No,Dk,Rf] Then  
TUBP  
Elseif BSINKP = Yes and TOILET1 = Yes and TUB1 = Yes Then  
PLMFCP2

---

**Name:** TOILETP

**SAS Name:** TOILETP

**Universe Description:** Unit has one full bath without a toilet.

**Question Text:** Is there a flush toilet anywhere  
in ^your\_the\_that home?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TOILETP = Yes and TUB1 = Yes Then  
PLMFCP2  
Elseif TOILETP in [No,Dk,Rf] and TUB1 = Yes and HOTPIPP in [No,Dk,Rf] and  
BSINKP in [No,Dk,Rf] Then  
SHARPF  
Elseif TOILTETP in [Yes,No,Dk,Rf] and TUB1 in [No,Dk,Rf] Then  
TUBP

---

**Name:** TUBP

**SAS Name:** TUBP

**Universe Description:** Unit has one full bath without a tub or shower.

**Question Text:** Is there a bathtub or a shower anywhere  
in ^your\_the\_that home?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TUBP = Yes or (TUBP in in [No,Dk,Rf] and (HOTPIPP = Yes or BSINKP = Yes or  
TOILETP = Yes)) Then  
PLMFCP2  
Elseif TUBP in [No,Dk,Rf] and (HOTPIPP in [No,Dk,Rf] and BSINKP in [No,Dk,Rf]  
and in [No,Dk,Rf] and TOILETP in [No,Dk,Rf]) Then  
SHARPF  
Elseif TUBP in [No,Dk,Rf] and BSINK1 in [No,Dk,Rf] and BSINKP in [No,Dk,Rf] and  
HOTPIP1 in [No,Dk,Rf] and HOTPIPP in [No,Dk,Rf] and TOILET1 in [No,Dk,Rf] and  
TOILETP in [No,Dk,Rf] and CDEPSTAT = 1 and I\_WATER in [1..6] Then  
WATERV  
Elseif TUBP in [No,Dk,Rf] and BSINK1 in [No,Dk,Rf] and BSINKP in [No,Dk,Rf] and  
HOTPIP1 in [No,Dk,Rf] and HOTPIPP in [No,Dk,Rf] and TOILET1 in [No,Dk,Rf] and  
TOILETP in [No,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_WATER <>  
[1..6])) Then  
WATERQ

---

**Name:** PLMFCP2

**SAS Name:** PLMFCP2

**Universe Description:** Unit has hot/cold water, sink, toilet, or tub/shower.

**Question Text:** ^Are\_Is2 in an area or room adjoining  
^your\_the bathroom?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If PLMFCP2 in [Yes,No,Dk,Rf] Then  
SHARPF

---

**Name:** HOTPIP2

**SAS Name:** HOTPIP2

**Universe Description:** Unit has no full bath.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have both hot and cold water?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If HOTPIP2 in [Yes,No,Dk,Rf] Then  
BSINK2

---

**Name:** BSINK2

**SAS Name:** BSINK2

**Universe Description:** Unit has no full bath.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have a bathroom sink?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If BSINK2 in [Yes,No,Dk,Rf] Then  
TOILET2

---

**Name:** TOILET2

**SAS Name:** TOILET2

**Universe Description:** Unit has no full bath.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have a flush toilet?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TOILET2 in [Yes,No,Dk,Rf] Then  
TUB2

---

**Name:** TUB2

**SAS Name:** TUB2

**Universe Description:** Unit has no full bath.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have a bathtub or shower?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If HOTPIP2 = Yes or BSINK2 = Yes or TOILET2 = Yes or TUB2 = Yes Then  
SHARPF  
Elseif HOTPIP2 <> Yes and BSINK2 <> Yes or TOILET2 <> Yes and TUB2 <> Yes  
and CDEPSTAT = 1 and I\_WATER in [1..6] Then  
WATERV  
Elseif HOTPIP2 <> Yes and BSINK2 <> Yes or TOILET2 <> Yes and TUB2 <> Yes  
and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_WATER <> [1..6])) Then  
WATERQ

---

**Name:** SHARPF

**SAS Name:** SHARPF

**Universe Description:** Unit has hot/cold running water, a bathroom sink, a toilet, or a tub/shower.

**Question Text:** Some people live in neighborhoods where some of the houses don't have complete plumbing facilities. So, they must use other people's bathrooms. ^Does\_When anyone not living in ^your\_the home, not counting guests or workers, regularly use ^your\_the ^plumbing\_bathroom?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If SHARPF in [Yes,No,Dk,Rf] and HOTPIP = 1 and CDEPSTAT = 1 and WFUEL in [1..7] Then  
 WFUELV  
 Elseif SHARPF in [Yes,No,Dk,Rf] and HOTPIP = 1 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_WFUEL <> [1..7]))Then  
 WFUELQ  
 Elseif SHARPF in [Yes,No,Dk,Rf] and HOTPIP <> 1 and CDEPSTAT = 1 and I\_WATER in [1..6] Then  
 WATERV  
 Elseif SHARPF in [Yes,No,Dk,Rf] and HOTPIP <> 1 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_WATER <> [1..6])) Then  
 WATERQ

---

**Name:** WATER

**SAS Name:** WATER

**Universe Description:**

---

**Name:** WFUEL

**SAS Name:** WFUEL

**Universe Description:**

---

**Name:** WFUELV

**SAS Name:** WFUELV

**Universe Description:** Returning units that have hot/cold running water. Units are also eligible for dependent interviewing and reported a type of water fuel at last interview.

**Question Text:** (Last time) we recorded ^I\_WTFUEL as the fuel used most to heat the water.

Is this information still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If WFUELV in [Yes,Rf] and I\_WATER in [1..6] Then  
 WATERV  
 Elseif WFUELV in [Yes,Rf] and I\_WATER <> [1..6] Then  
 WATERQ



Elseif WFUELV in [No,Dk] Then  
WFUELQ

---

**Name:** WFUELQ

**SAS Name:** WFUELQ

**Universe Description:** Units who have reported hot/cold running water, but have not reported any type of water fuel.

**Question Text:** What type of fuel is used MOST to heat the water?

**Answer List:** FUELS2

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                                   |
|---------------|------------------|---|
| 1             | Electric         | Electricity   |
| 2             | Gas              | Gas, LP Gas (liquid propane (LP) same as bottled gas) |
| 3             | Oil              | Fuel oil  |
| 4             | Kerosene         | Kerosene or other liquid fuel                         |
| 5             | Coal             | Coal or coke  |
| 6             | Wood             | Wood  |
| 7             | Solar            | Solar energy  |
| 8             | Other            | Other; specify  |

---

**Skip Instructions:** If WFUELQ in [1..7,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_WATER <> [1..6])) Then  
WATERQ  
Elseif WFUELQ in [1..7,Dk,Rf] and CDEPSTAT = 1 and I\_WATER in [1..6] Then  
WATERV  
Elseif WFUELQ = 8 Then  
WFUELQS

---

**Name:** WFUELQS

**SAS Name:** WFUELQS

**Universe Description:** Water fuel type is other than electricity, gas, oil, kerosene, coal/coke, wood or solar.

**Question Text:** Specify other type of water fuel

**Skip Instructions:** If WFUELQS <> Empty and CDEPSTAT = 1 and I\_WATER in [1..6] Then  
WATERV  
Elseif WFUELQS <> Empty and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_WATER <> [1..6])) Then  
WATERQ

---

**Name:** WATERV

**SAS Name:** WATERV

**Universe Description:** Returning units eligible for dependent interviewing who reported a water source at last interview.

**Question Text:** (Last time) we recorded that most of your water came from ^I\_WATERFILL.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If WATERV = Yes and WATER = 2 and I\_WELL in [1,2] Then  
WELLV  
Elseif WATERV = Yes and WATER = 2 and I\_WELL <> [1,2] Then  
WELLQ  
Elseif WATERV = Yes and WATER in [1,3..5] and I\_WELDUS in [1..5] Then  
WLDS1V  
Elseif WATERV = Yes and WATER in [1,3..5] and I\_WELDUS <> [1..5] Then  
WELDUS1  
Elseif WATERV in [Yes,Rf] and WATER in [6,Rf] and I\_HFUEL in [1..7] Then  
HFUELAV  
Elseif WATERV in [Yes,Rf] and WATER in [6,Rf] and I\_HFUEL <> [1..7]))Then  
HFUELA  
Elseif WATERV in [No,Dk] Then  
WATERQ

---

**Name:** WATERQ

**SAS Name:** WATERQ

**Universe Description:** Unit is ineligible for dependent interviewing; or did not report a water source at last interview; or reported a water source at last interview, but it wasn't verified.

**Question Text:** Does most of the water for ^your\_the\_that ^HTYPEFILL come from a water system, either public or private, from an individual well, or from some other source?

**Answer List:** WATER

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                                  |
|---------------|------------------|--|
| 1             | Public           | Public or private water system (includes city water) |
| 2             | Well             | Individual well                                      |
| 3             | Spring           | Spring   |
| 4             | Cistern          | Cistern  |

---

|   |         |                          |
|---|---------|--------------------------|
| 5 | Stream  | Stream or lake           |
| 6 | Bottled | Commercial bottled water |
| 7 | Other   | Other; specify           |

**Skip Instructions:** If WATERQ = 2 and CDEPSTAT = 1 and I\_WELL in [1,2] Then  
WELLV  
Elseif WATERQ = 2 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_WELL <> [1,2]))  
Then  
WELLQ  
Elseif WATERQ in [1,3..5] and CDEPSTAT = 1 and I\_WELDUS in [1..5] and WATER  
= I\_WATER Then  
WLDS1V  
Elseif WATERQ in [1,3..5] and [CDEPSTAT = 2 or (CDEPSTAT = 1 and (I\_WELDUS  
<> [1..5] or WATER <> I\_WATER))] Then  
WELDUS1  
Elseif WATERQ in [6,Dk,Rf] and CDEPSTAT = 1 and I\_HFUEL in [1..7] Then  
HFUELAV  
Elseif WATERQ in [6,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_HFUEL  
<> [1..7])) Then  
HFUELA  
Elseif WATERQ = 7 Then  
WATERQSP

**Name:** WATERQSP

**SAS Name:** WATERQSP

**Universe Description:** Water source is other than public, well, spring, cistern, stream/lake, or bottled.

**Question Text:** Specify other water source

**Skip Instructions:** If WATERQSP <> Empty Then  
WATERS

**Name:** WELLV

**SAS Name:** WELLV

**Universe Description:** Returning units that have a well. Units are also eligible for dependent interviewing and reported the type of well at last interview.

**Question Text:** And that well is ^drilled\_dug?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If WELLV in [Yes,Rf] and I\_WELDUS in [1..5] and WATER = I\_WATER Then

WLDS1V  
Elseif WELLV in [Yes,Rf] and I\_WELDUS <> [1..5] or WATER <> I\_WATER Then  
WELDUS1  
Elseif WELLV in [No,Dk] Then  
WELLQ

---

**Name:** WELLQ

**SAS Name:** WELLQ

**Universe Description:** Units who have reported a well, but have not reported the type of well.

**Question Text:** Is the well drilled or dug?

**Answer List:** WELLQ

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Drilled      |
| 2      |           | Dug          |

---

**Skip Instructions:** If WELLQ in [1,2,Dk,Rf] and CDEPSTAT = 1 and I\_WELDUS in [1..5] and WATER = I\_WATER Then  
WLDS1V  
Elseif WELLQ in [1,2,Dk,Rf] and [CDEPSTAT = 2 or (CDEPSTAT = 1 and (I\_WELDUS <> [1..5] or WATER <> I\_WATER))] Then  
WELDUS1

---

**Name:** WLDS1V

**SAS Name:** WLDS1V

**Universe Description:** Returning units eligible for dependent interviewing who reported a water source and the number of homes served by that source at last interview.

**Question Text:** (Last time) we recorded that the ^WATERFILL provided water to ^homes.

Is this information still correct?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If WLDS1V in [Yes,Rf] or (WLDS1V = Dk and I\_WELDUS = 5) Then  
WATERS  
Elseif WLDS1V = No or (WLDS1V = Dk and I\_WELDUS <> 5) Then  
WELDUS1

---

**Name:** WELDUS1

**SAS Name:** WELDUS1

**Universe Description:** Units who have reported a water source, but have not reported the number of homes served by that source.

**Question Text:** Does that ^WATERFILL provide water to 15 or more homes?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If WELDUS1 in [Yes,Dk,Rf] Then  
WATERS  
Elseif WELDUS1 = No Then  
WELDUS2

---

**Name:** WELDUS2

**SAS Name:** WELDUS2

**Universe Description:** Units who reported the number of homes served as less than 15.

**Question Text:** How many homes does the ^WATERFILL serve?

**Answer List:** WELDUS2

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Only this home      |
| 2             |                  | 2 to 5              |
| 3             |                  | 6 to 9              |
| 4             |                  | 10 to 14            |

---

**Skip Instructions:** If WELDUS2 in [1..4,Dk,Rf] Then  
WATERS

---

**Name:** WATERS

**SAS Name:** WATERS

**Universe Description:** Unit has water from public/private system, well, spring, cistern, stream/lake or source other than bottled water.

**Question Text:** In your opinion, is the water from this  
^WATERFILL safe for cooking and drinking?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If WATERS in [Yes,Dk,Rf] and CDEPSTAT = 1 and I\_HFUEL in [1..7] Then  
 HFUELAV  
 Elseif (WATERS in [Yes,Dk,Rf] or (WATERS = No and ISTATUS in [2,3])) and  
 (CDEPSTAT = 2 or (CDEPSTAT = 1 and HFUEL <> [1..7])) Then  
 HFUELA  
 Elseif WATERS = No and ISTATUS = 1 Then  
 WATERD

**Name:** WATERD

**SAS Name:** WATERD

**Universe Description:** Unit reported water safe for drinking. Regular, occupied interviews only.

**Question Text:** Where do you get your water for  
 drinking?

**Answer List:** WATER

| Value: | Mnemonic: | Description:   |
|--------|-----------|--|
| 1      | Public    | Public or private water system (includes city water) |
| 2      | Well      | Individual well                                      |
| 3      | Spring    | Spring   |
| 4      | Cistern   | Cistern  |
| 5      | Stream    | Stream or lake                                       |
| 6      | Bottled   | Commercial bottled water                             |
| 7      | Other     | Other; specify                                       |

**Skip Instructions:** If WATERD in [1..6,Dk,Rf] and CDEPSTAT = 1 and I\_HFUEL in [1..7] Then  
 HFUELAV  
 Elseif WATERD in [1..6,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and  
 I\_HFUEL <> [1..7])) Then  
 HFUELA  
 Elseif WATERD = 7 Then  
 WATERDSP

**Name:** WATERDSP

**SAS Name:** WATERDSP

**Universe Description:** WATERD = 7

**Question Text:** s Specify other source of drinking water

**Skip Instructions:** If WATERDSP <> Empty and CDEPSTAT =1 and I\_HFUEL in [1..7] Then

HFUELAV  
If WATERDSP <> Empty and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_HFUEL <> [1..7])) Then  
HFUELA

---

**Name:** HEQUIP  
**SAS Name:** HEQUIP  
**Universe Description:**

---

**Name:** HFUEL  
**SAS Name:** HFUEL  
**Universe Description:**

---

**Name:** HFUELAV  
**SAS Name:** HFUELAV  
**Universe Description:** Returning units eligible for dependent interviewing who reported a type of heating fuel at last interview.

**Question Text:** (Last time) we recorded that the fuel used most for heating your ^HTYPEFILL was ^I\_HTFUEL.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If HFUELAV in [No,Dk] Then  
HFUELA  
Elseif HFUELAV in [Yes,Rf] and I\_HEQUIP in [1..11,14] Then  
HEQUIPV  
Elseif HFUELAV in [Yes,Rf] and I\_HEQUIP <> [1..11,14] Then  
HCENTA

---

**Name:** HFUELA  
**SAS Name:** HFUELA  
**Universe Description:** Unit is ineligible for dependent interviewing; or did not report a type of heating fuel at last interview; or reported a fuel at last interview, but it wasn't verified.

**Question Text:** What fuel is used MOST for heating  
^your\_the\_that ^HTYPEFILL?

**Answer List:** HFUELA

| Value: | Mnemonic: | Description:  |
|--------|-----------|---|
| 1      | Electric  | Electricity   |
| 2      | Gas       | Gas, LP Gas (liquid propane (LP) same as bottled gas) |
| 3      | Oil       | Fuel oil  |
| 4      | Kerosene  | Kerosene or other liquid fuel                         |
| 5      | Coal      | Coal or coke  |
| 6      | Wood      | Wood  |
| 7      | Solar     | Solar energy  |
| 8      | Other     | Other; specify  |
| 9      | None      | None  |

**Skip Instructions:** If (HFUELA in [1,3..7] or (HFUELA = 2 and ISTATUS = 2)) and CDEPSTAT = 1 and I\_HEQUIP = [1..11,14] Then  
HEQUIPV  
Elseif (HFUELA in [1,3..7] or (HFUELA = 2 and ISTATUS = 2)) and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_HEQUIP <> [1..11,14]) Then  
HCENTA  
Elseif HFUELA = 2 and ISTATUS in [2,3] Then  
GASPI2  
Elseif HFUELA = 8 Then  
HFUELASP  
Elseif HFUELA = 9 Then  
HFUELB

---

**Name:** HFUELASP

**SAS Name:** HFUELASP

**Universe Description:** Heating fuel type is other than electricity, gas, oil, kerosene, coal/coke, wood or solar.

**Question Text:** s Specify other type of heating fuel

**Skip Instructions:** If HFUELASP <> Empty and CDEPSTAT = 1 and I\_HEQUIP in [1..11,14] Then  
HEQUIPV  
Elseif (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_HEQUIP <> [1..11,14])) Then  
HCENTA

---

**Name:** HFUEL B

**SAS Name:** HFUEL B

**Universe Description:** No heating fuel is used.

**Question Text:** Is that because ^HTYPEFILL5 ^do\_does2 not HAVE any heating equipment or is that because ^you\_tenant1 ^your\_the heating equipment?

Enter 1 if you do not have any heating equipment.

Include equipment that is broken and WILL NOT be fixed.



Enter 2 if ^not\_could heating equipment. Include equipment that is TEMPORARILY broken but WILL BE fixed.

**Answer List:** HFUELB

| Value: | Mnemonic: | Description:                      |
|--------|-----------|-----------------------------------|
| 1      |           | Do not have any heating equipment |
| 2      |           | Not using heating equipment       |

**Skip Instructions:** If HFUELB in [1,Dk,Rf] Then  
 FPLWKQ  
 Elseif HFUELB = 2 Then  
 HFUELC

**Name:** HFUELC

**SAS Name:** HFUELC

**Universe Description:** Units where heating fuel is not used because heating equipment is broken.

**Question Text:** If ^you\_tenant2 were to use ^your\_the heating equipment, what type of fuel would it use?

**Answer List:** FUELS2

| Value: | Mnemonic: | Description:  |
|--------|-----------|---|
| 1      | Electric  | Electricity   |
| 2      | Gas       | Gas, LP Gas (liquid propane (LP) same as bottled gas) |
| 3      | Oil       | Fuel oil  |
| 4      | Kerosene  | Kerosene or other liquid fuel                         |
| 5      | Coal      | Coal or coke  |
| 6      | Wood      | Wood  |
| 7      | Solar     | Solar energy  |
| 8      | Other     | Other; specify  |

**Skip Instructions:** If (HFUELC in [1,3..7,Dk,Rf] or (HFUELC = 2 and ISTATUS = 1)) and CDEPSTAT = 1 and I\_HEQUIP in [1..11,14] Then  
 HEQUIPV  
 Elseif (HFUELC in [1,3..7,Dk,Rf] or (HFUELC = 2 and ISTATUS = 1)) and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_HEQUIP <> [1..11,14])) Then  
 HCENTA  
 Elseif HFUELC = 2 and ISTATUS in [2,3] Then  
 GASPI2  
 Elseif HFUELC = 8 Then  
 HFUELCSP

**Name:** HFUELCSP

**SAS Name:** HFUELCSP

**Universe Description:** Heating fuel type is other than electricity, gas, oil, kerosene, coal/coke, wood or solar.

**Question Text:** s Specify other type of heating fuel

**Skip Instructions:** If HFUELCSP <> Empty and CDEPSTAT = 1 and I\_HEQUIP in [1..11,14] Then  
HEQUIPV  
Elseif HFUELCSP <> Empty and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_HEQUIP  
<> [1..11,14])) Then  
HCENTA

---

**Name:** GASPI2

**SAS Name:** GASPI2

**Universe Description:** Vacant and URE units that use gas for heating fuel.

**Question Text:** Is it from underground pipes or bottled gas?

**Answer List:** gaspip

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             | Piped gas        | piped gas           |
| 2             | Bottled gas      | bottled gas         |

---

**Skip Instructions:** If GASPI2 in [1,2,Dk,Rf] and CDEPSTAT = 1 and I\_HEQUIP in [1..11,14] Then  
HEQUIPV  
Elseif GASPI2 in [1,2,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_HEQUIP  
<> [1..11,14])) Then  
HCENTA

---

**Name:** HEQUIPV

**SAS Name:** HEQUIPV

**Universe Description:** Returning units eligible for dependent interviewing who reported main heating equipment at last interview and may still have it.

**Question Text:** (Last time) we recorded that your MAIN heating equipment was ^mainheat.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If (HEQUIPV = Yes and I\_HEQUIP in [1..9,14]) or HEQUIPV = Rf Then  
 FPLWKQ  
 Elseif HEQUIPV = Yes and I\_HEQUIP in [10,11] Then  
 MSHTEQP  
 Elseif HEQUIPV in [No,Dk] Then  
 HCENTA

**Name:** HCENTA

**SAS Name:** HCENTA

**Universe Description:** Unit is ineligible for dependent interviewing; or did not report main heating equipment at last interview; or reported equipment at last interview, but it wasn't verified.

**Question Text:** Sometimes people have more than one type of heating equipment in ^the\_their home. Turning first to questions about ^your\_the MAIN heating equipment:

Is ^your\_the heating equipment designed to send heat to all or most of the rooms?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If HCENTA in [Yes,Dk] Then  
 HCENTB  
 Elseif HCENTA in [No,Rf] Then  
 HPORTA

**Name:** HCENTB

**SAS Name:** HCENTB

**Universe Description:** Unit's main heating equipment heats all rooms or respondent unsure.

**Question Text:** Does it send heat to the rooms by...?

**Answer List:** HCENTB

| Value: | Mnemonic:  | Description:  |
|--------|------------|---|
| 1      | Forced Air | Forced warm air through ducts and vents             |
| 2      | Steam      | Steam or hot water through radiators or pipes       |
| 3      | Coils      | Electric coils inside the floors, ceilings or walls |
| 4      | Other      | Some other way                                      |

**Skip Instructions:** If HCENTB = 1 and HFUEL = 1 Then  
HCENTC  
Elseif HCENTB in [2,3] or (HCENTB = 1 and HFUEL in [2..8,Dk,Rf]) Then  
FPLWKQ  
Elseif HCENTB in [4,Dk,Rf] Then  
HPORTA

---

**Name:** HCENTC  
**SAS Name:** HCENTC  
**Universe Description:** Unit's main heating equipment runs by electricity and heats rooms by forcing air through ducts.

**Question Text:** And is that equipment a standard electric FURNACE or is it a HEAT PUMP?

**Answer List:** HCENTC

---

| Value: | Mnemonic: | Description:              |
|--------|-----------|---------------------------|
| 1      | Furnace   | Standard Electric Furnace |
| 2      | Heat Pump | Heat Pump                 |

---

**Skip Instructions:** If HCENTC in [1,2,Dk,Rf] Then  
FPLWKQ

---

**Name:** HPORTA  
**SAS Name:** HPORTA  
**Universe Description:** Unit's main heating equipment does not heat all rooms or heats rooms in a way other than through ducts, radiators, or coils.

**Question Text:** Is ^your\_the\_ that 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.

**Answer List:** HPORTA

---

| Value: | Mnemonic:    | Description: |
|--------|--------------|--------------|
| 1      | Portable     | Portable     |
| 2      | Not Portable | Nor Portable |

---

**Skip Instructions:** If HPORTA = 1 Then  
HPORTB  
Elseif HPORTA = 2 Then  
HPORTC

Elseif HPORTA = Rf Then  
FPLWKQ

---

**Name:** HPORTB

**SAS Name:** HPORTB

**Universe Description:** Unit's main heating equipment is portable.

**Question Text:** What type of portable equipment is it?

After entering answer, read category  
to respondent to verify classification.

**Answer List:** HPORTB

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>       |
|---------------|------------------|---------------------------|
| 1             | Unvented         | Unvented room heaters     |
| 2             | Electric         | Portable electric heaters |
| 3             | Other            | Other; specify            |

---

**Skip Instructions:** If HPORTB in [1,2,Dk,Rf] Then  
FPLWKQ  
Elseif HPORTB = 3 Then  
HPORTBSP

---

**Name:** HPORTBSP

**SAS Name:** HPORTBSP

**Universe Description:** Portable heater type is other than unvented room heater or portable electric heater.

**Question Text:** Specify other type of portable heater

**Skip Instructions:** If HPORTBSP <> Empty Then  
FPLWKQ

---

**Name:** HPORTC

**SAS Name:** HPORTC

**Universe Description:** Unit's main heating equipment is not portable.

**Question Text:** What type of equipment is it?

After entering answer, read category  
to respondent to verify classification.

**Answer List:** HPORTC

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |               |  |
|---|---------------|--|
| 1 | Furnace       | Floor, wall or other pipeless furnace built into the structure |
| 2 | Baseboard     | Built-in electric baseboard heaters                            |
| 3 | Vented        | Vented room heaters burning kerosene, gas or oil               |
| 4 | Unvented      | Unvented room heaters burning kerosene, gas or oil             |
| 5 | Cooking Stove | Cooking stove (gas or electric)                                |
| 6 | Other Stove   | Woodburning stove, pot belly stove, Franklin stove             |
| 7 | Inserts       | Fireplaces with inserts  |
| 8 | No Inserts    | Fireplaces without inserts                                     |
| 9 | Other         | Other  |

**Skip Instructions:** If HPORTC in [1..6,Dk,Rf] Then  
FPLWKQ  
Elseif HPORTC in [7,8] Then  
MSHTEQP  
Elseif HPORTC = 9 Then  
HPORTD

**Name:** HPORTD

**SAS Name:** HPORTD

**Universe Description:** Nonportable heating equipment is other than built-in furnace, baseboard heaters, vented or unvented room heaters, cooking or woodburning stoves, or fireplace.

**Question Text:** Specify other main heating equipment type not reported until now:

After entering answer, read category to respondent to verify classification.

**Answer List:** HPORTD

| Value: | Mnemonic:  | Description:  |
|--------|------------|---|
| 1      | Forced Air | Forced warm air furnace with ducts and vents to the individual rooms              |
| 2      | Electric   | Electric heat pump  |
| 3      | Steam      | Steam or hot water system with radiators or other system using steam or hot water |
| 4      | Coils      | Electric coils in floors, ceilings or walls                                       |
| 5      | Unvented   | Unvented room heaters burning kerosene, gas or oil                                |
| 6      | Portable   | Portable electric heaters   |
| 7      | Other      | Other; specify  |

**Skip Instructions:** If HPORTD in [1..6,Dk,Rf] Then  
FPLWKQ  
Elseif HPORTD = 7 Then  
HPORTDSP

**Name:** HPORTDSP

**SAS Name:** HPORTDSP

**Universe Description:** Nonportable heating equipment is other than forced air furnace, heat pump, steam, coils, unvented room heaters, or portable heaters.

**Question Text:** Specify type of nonportable heating equipment

**Skip Instructions:** If HPORTDSP <> Empty Then  
FPLWKQ

**Name:** FPLWKQ

**SAS Name:** FPLWKQ

**Universe Description:** Unit's main heating equipment is not a fireplace.

**Question Text:** Does ^your\_the ^HTYPEFILL have a usable fireplace?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If FPLWKQ = Yes Then  
FPHEQP  
Elseif FPLWKQ in [No,Dk,Rf] and HEQUIP in [13,Dk,Rf] and CDEPSTAT = 1 and  
I\_AIRSYS = 1 Then  
ARSYS2V  
Elseif FPLWKQ in [No,Dk,Rf] and HEQUIP in [13,Dk,Rf] and (CDEPSTAT = 2 or  
(CDEPSTAT = 1 and I\_AIRSYS <> 1)) Then  
AIRSYS2  
Elseif FPLWKQ in [No,Dk,Rf] and HEQUIP <> [13,Dk,Rf] Then  
MSHTEQP

**Name:** FPHEQP

**SAS Name:** FPHEQP

**Universe Description:** Unit has a useable fireplace.

**Question Text:** Do you consider ^your\_the\_that fireplace  
to be heating equipment?

If more than 1 fireplace, enter "Yes"  
if any considered heating equipment.

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

|   |     |
|---|-----|
| 1 | Yes |
| 2 | No  |

**Skip Instructions:** If FPHEQP = Yes Then  
 FPINS1  
 Elseif FPHEQP in [No,Dk,Rf] and HEQUIP <> [13,Dk,Rf] Then  
 MSHTEQP  
 Elseif FPHEQP in [No,Dk,Rf] and HEQUIP in [13,Dk,Rf] and CDEPSTAT = 1 and  
 I\_AIRSYS = 1 Then  
 ARSYS2V  
 Elseif FPHEQP in [No,Dk,Rf] and HEQUIP in [13,Dk,Rf] and (CDEPSTAT = 2 or  
 (CDEPSTAT = 1 and I\_AIRSYS <> 1)) Then  
 AIRSYS2

**Name:** FPINS1

**SAS Name:** FPINS1

**Universe Description:** Unit's fireplace considered heating equipment.

**Question Text:** Does it have inserts, that is, equipment  
 designed to circulate more heat into the  
 room?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If FPINS1 = Yes Then  
 FPINS2  
 Elseif FPINS1 in [No,Dk,Rf] and HEQUIP <> [13,Dk,Rf] Then  
 MSHTEQP  
 Elseif FPINS1 in [No,Dk,Rf] and HEQUIP in [13,Dk,Rf] and CDEPSTAT = 1 and  
 I\_AIRSYS = 1 Then  
 ARSYS2V  
 Elseif FPINS1 in [No,Dk,Rf] and HEQUIP in [13,Dk,Rf] and (CDEPSTAT = 2 or  
 (CDEPSTAT = 1 and I\_AIRSYS <> 1)) Then  
 AIRSYS2

**Name:** FPINS2

**SAS Name:** FPINS2

**Universe Description:** Unit's fireplace has inserts

**Question Text:** ^Do\_Is2 more than one fireplace with inserts?

**Answer List:** YesNo



| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If FPINS2 = Yes Then

FPINS3

Elseif FPINS2 in [No,Dk,Rf] and HEQUIP <> [13,Dk,Rf] Then

MSHTEQP

Elseif FPINS2 in [No,Dk,Rf] and HEQUIP in [13,Dk,Rf] and CDEPSTAT = 1 and I\_AIRSYS = 1 Then

ARSYS2V

Elseif FPINS2 in [No,Dk,Rf] and HEQUIP in [13,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_AIRSYS <> 1)) Then

AIRSYS2

**Name:** FPINS3

**SAS Name:** FPINS3

**Universe Description:** Unit has more than one fireplace

**Question Text:** Do all or some of the fireplaces have inserts?

**Answer List:** FPINS

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      | All       | All          |
| 2      | Some      | Some         |

**Skip Instructions:** If FPINS3 in [1,2,Dk,Rf] and HEQUIP <> [13,Dk,Rf] Then

MSHTEQP

Elseif FPINS3 in [1,2,Dk,Rf] and HEQUIP in [13,Dk,Rf] and CDEPSTAT = 1 and I\_AIRSYS = 1 Then

ARSYS2V

Elseif FPINS3 in [1,2,Dk,Rf] and HEQUIP in [13,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_AIRSYS <> 1)) Then

AIRSYS2

**Name:** MSHTEQP

**SAS Name:** MSHTEQP

**Universe Description:** Unit reported some type of main heating equipment.

**Question Text:** ^More\_heat

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

|   |     |
|---|-----|
| 1 | Yes |
| 2 | No  |

**Skip Instructions:** If MSHTEQP = Yes Then

SHTEQP1

Elseif MSHTEQP in [No,Dk,Rf] and HCEN TC = 2 or HPORTD = 2 or HEQUIP = 3  
Then

AIRSYS1

Elseif MSHTEQP in [No,Dk,Rf] and HCEN TC <> 2 and HPORTD <> 2 and HEQUIP  
<> 3 and CDEPSTAT = 1 and I\_AIRSYS = 1 Then

ARSYS2V

Elseif MSHTEQP in [No,Dk,Rf] and HCEN TC <> 2 and HPORTD <> 2 and HEQUIP  
<> 3 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_AIRSYS <> 1)) Then

AIRSYS2

**Name:** SHTEQP1

**SAS Name:** SHTEQP1

**Universe Description:** Unit has secondary heating equipment.

**Question Text:** Is that a...

Read bold categories

Enter all that apply, separate with commas

**Answer List:** SHTEQP1

| Value: | Mnemonic: | Description:                                 |
|--------|-----------|--|
| 1      | Stove     | Woodburning, pot belly, or Franklin stove(s) |
| 2      | Portable  | Portable electric heater(s)                  |
| 3      | Built-in  | Built-in electric unit(s)                    |
| 4      | Heaters   | Room heater(s) burning kerosene, gas or oil  |
| 5      | Else      | Something else                               |
| 6      | None      | None   |

**Skip Instructions:** If MSHTEQP = 4 Then

ROOMHTR

Elseif MSHTEQP = 5 Then

SHTEQP2

Elseif MSHTEQP in [1..3,6] and HCEN TC = 2 or HPORTD = 2 or HEQUIP = 3 Then

AIRSYS1

Elseif MSHTEQP in [1..3,6] and HCEN TC <> 2 and HPORTD <> 2 and HEQUIP <> 3  
and CDEPSTAT = 1 and I\_AIRSYS = 1 Then

ARSYS2V

Elseif MSHTEQP in [1..3,6] and HCEN TC <> 2 and HPORTD <> 2 and HEQUIP <> 3  
and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_AIRSYS <> 1)) Then

AIRSYS2

**Name:** ROOMHTR

**SAS Name:** ROOMHTR

**Universe Description:** Unit has room heaters in addition to main heating equipment.

**Question Text:** Is the room heater VENTED to the outside through a chimney, flue, or pipes OR is it UNVENTED?

Enter all that apply, separate with commas

**Answer List:** ROOMHTR

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      | Vented    | Vented       |
| 2      | Unvented  | Unvented     |

**Skip Instructions:** If ROOMHTR in [1,2,Dk,Rf] and MSHTEQP = 5 Then  
SHTEQP2  
Elseif ROOMHTR in [1,2,Dk,Rf] and MSHTEQP in [1..4] and HCENTC = 2 or HPORTD = 2 or HEQUIP = 3 Then  
AIRSYS1  
Elseif ROOMHTR in [1,2,Dk,Rf] and MSHTEQP in [1..4] and HCENTC <> 2 and HPORTD <> 2 and HEQUIP <> 3 and CDEPSTAT = 1 and I\_AIRSYS = 1 Then  
ARSYS2V  
Elseif ROOMHTR in [1,2,Dk,Rf] and MSHTEQP in [1..4] and HCENTC <> 2 and HPORTD <> 2 and HEQUIP <> 3 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_AIRSYS <> 1)) Then  
AIRSYS2

**Name:** SHTEQP2

**SAS Name:** SHTEQP2

**Universe Description:** Unit has additional secondary heating equipment.

**Question Text:** ^More\_heat2

Enter all that apply, separate with commas

**Answer List:** SHTEQP2

| Value: | Mnemonic:  | Description:  |
|--------|------------|---|
| 1      | Cookstove  | Electric or gas cookstove   |
| 2      | Furnace    | Floor, wall or other pipeless furnace built into the structure              |
| 3      | Forced Air | Forced warm air furnace with ducts and vents to the individual rooms        |
| 4      | Heat Pump  | Electric heat pump  |
| 5      | Steam      | Steam/hot water system with radiators or other system using steam/hot water |
| 6      | Other      | Other; specify  |

**Skip Instructions:** If SHTEQP2 in [1..5,Dk,Rf] and HCENTC = 2 or HPORTD = 2 or HEQUIP = 3 Then  
AIRSYS1  
Elseif SHTEQP2 in [1..5,Dk,Rf] and HCENTC <> 2 and HPORTD <> 2 and HEQUIP  
<> 3 and CDEPSTAT = 1 and I\_AIRSYS = 1 Then  
ARSYS2V  
Elseif SHTEQP2 in [1..5,Dk,Rf] and HCENTC <> 2 and HPORTD <> 2 and HEQUIP  
<> 3 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_AIRSYS <> 1)) Then  
AIRSYS2  
Elseif SHTEQP2 = 6 Then  
SHTEQP2S

---

**Name:** SHTEQP2S

**SAS Name:** SHTEQP2S

**Universe Description:** Secondary heating equipment is other than cookstove, pipeless or forced air furnace, heat pump, or steam.

**Question Text:** Specify type of additional heating equipment

**Skip Instructions:** If SHTEQP2S <> Empty and and (HCENTC = 2 or HPORTD = 2 or HEQUIP = 3)  
Then  
AIRSYS1  
Elseif SHTEQP2S <> Empty and and HCENTC <> 2 and HPORTD <> 2 and  
HEQUIP <> 3 and CDEPSTAT = 1 and I\_AIRSYS = 1 Then  
ARSYS2V  
Elseif SHTEQP2S <> Empty and HCENTC <> 2 and HPORTD <> 2 and HEQUIP <>  
3 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_AIRSYS <> 1)) Then  
AIRSYS2

---

**Name:** OAFUEL

**SAS Name:** OAFUEL

**Universe Description:**

---

**Name:** AFUEL

**SAS Name:** AFUEL

**Universe Description:**

---

**Name:** AIRSYS1

**SAS Name:** AIRSYS1

**Universe Description:** Unit has or may have heatpump.

**Question Text:** Does ^your\_the ^pump\_equipment provide air conditioning for  
^your\_the home?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If AIRSYS1 = Yes Then  
OARSYS1  
Elseif AIRSYS1 in [No,Dk,Rf] and CDEPSTAT = 1 and I\_AIRSYS = 1 Then  
ARSYS2V  
Elseif AIRSYS1 in [No,Dk,Rf] and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_AIRSYS <> 1)) Then  
AIRSYS2

**Name:** OARSYS1

**SAS Name:** OARSYS1

**Universe Description:** Unit's heat pump provides air conditioning.

**Question Text:** ^Besides\_Does2 ^your\_the\_that home have another central air conditioning system?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If OARSYS1 = Yes Then  
OAFUEL1  
Elseif OARSYS1 in [No,Dk,Rf] Then  
AIR

**Name:** OAFUEL1

**SAS Name:** OAFUEL1

**Universe Description:** Unit has another central a/c system

**Question Text:** What kind of fuel does this other central air conditioning system use?

**Answer List:** FUELS1

| Value: | Mnemonic: | Description:                 |
|--------|-----------|------------------------------|
| 1      | Electric  | Electricity                  |
| 2      | Gas       | Gas, LP gas (liquid propane) |
| 3      | Other     | Other; specify               |

**Skip Instructions:** If OAFUEL1 in [1,2,Dk,Rf] Then

AIR  
Elseif OAFUEL1 = 3 Then  
OAFUEL1S

---

**Name:** OAFUEL1S  
**SAS Name:** OAFUEL1S  
**Universe Description:** Supplemental air conditioning fuel type is other than electricity or gas.

**Question Text:** s Specify other type of air conditioning fuel

**Skip Instructions:** If OAFUEL1S <> Empty Then  
AIR

---

**Name:** ARSYS2V  
**SAS Name:** ARSYS2V  
**Universe Description:** Returning units eligible for dependent interviewing who reported central air conditioning at last interview.

**Question Text:** (Last time) we recorded that your ^HTYPEFILL had central air conditioning.

Is this information still correct?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If ARSYS2V = Yes and I\_AFUEL in [1,2] Then  
AFUELV  
Elseif ARSYS2V = Yes and I\_AFUEL <> [1,2] Then  
AFUELQ  
Elseif ARSYS2V in [No,Dk,Rf] Then  
AIR

---

**Name:** AIRSYS2  
**SAS Name:** AIRSYS2  
**Universe Description:** Units ineligible for dependent interviewing and eligible units who did not report central air conditioning at previous interview.

**Question Text:** Does ^your\_the\_that ^HTYPEFILL have central air conditioning?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If AIRSYS2 = Yes and CDEPSTAT = 1 and I\_AFUEL in [1,2] Then  
 AFUELV  
 Elseif AIRSYS2 = Yes and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_AFUEL <>  
 [1,2])) Then  
 AFUELQ  
 Elseif AIRSYS2 in [No,Dk,Rf] Then  
 AIR

**Name:** AFUELV

**SAS Name:** AFUELV

**Universe Description:** Returning units eligible for dependent interviewing who reported a type of AC fuel at last interview.

**Question Text:** (Last time) we recorded that your central air conditioning used ^I\_ACFUEL.

Is this information still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If AFUELV in [Yes,Rf] Then  
 OARSYS2  
 Elseif AFUELV in [No,Dk] Then  
 AFUELQ

**Name:** AFUELQ

**SAS Name:** AFUELQ

**Universe Description:** Units who have reported central air conditioning, but have not reported any type of a/c fuel.

**Question Text:** What kind of fuel does it use?

**Answer List:** FUELS1

| Value: | Mnemonic: | Description:                 |
|--------|-----------|------------------------------|
| 1      | Electric  | Electricity                  |
| 2      | Gas       | Gas, LP gas (liquid propane) |

---

3            Other            Other; specify

---

**Skip Instructions:** If AFUELQ in [1,2,Dk,Rf] Then  
                         OARSYS2  
                         Elseif AFUELQ = 3 Then  
                         AFUELQSP

---

**Name:** AFUELQSP  
**SAS Name:** AFUELQSP  
**Universe Description:** Air conditioning fuel type is other than electricity or gas.

**Question Text:** s Specify other type of air conditioning fuel

**Skip Instructions:** If AFUELQSP <> Empty Then  
                         OARSYS2

---

**Name:** OARSYS2  
**SAS Name:** OARSYS2  
**Universe Description:** Units who have reported some type of air conditioning fuel.

**Question Text:** Does ^your\_the\_that home have another  
                         central air conditioning system?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If OARSYS2 = Yes Then  
                         OAFUEL2  
                         Elseif OARSYS2 in [No,Dk,Rf] Then  
                         AIR

---

**Name:** OAFUEL2  
**SAS Name:** OAFUEL2  
**Universe Description:** Unit has another central a/c system

**Question Text:** What kind of fuel does this other central  
                         air conditioning system use?

**Answer List:** FUELS1

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      | Electric  | Electricity  |

---



|   |       |                              |
|---|-------|------------------------------|
| 2 | Gas   | Gas, LP gas (liquid propane) |
| 3 | Other | Other; specify               |

**Skip Instructions:** If OAFUEL2 in [1,2,Dk,Rf] Then  
AIR  
Elseif OAFUEL2 = 3 Then  
OAFUEL2S

**Name:** OAFUEL2S

**SAS Name:** OAFUEL2S

**Universe Description:** Supplemental air conditioning fuel type is other than electricity or gas.

**Question Text:** Specify other type of air conditioning fuel

**Skip Instructions:** If OAFUEL2S <> Empty Then  
AIR

**Name:** AIR

**SAS Name:** AIR

**Universe Description:** Regular,occupied interviews, Vacant and URE interviews.

**Question Text:** ^Do\_Does4 any room air conditioners?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If AIR = Yes Then  
NUMAIR  
Elseif AIR in [No,Dk,Rf] Then  
SMOKE

**Name:** NUMAIR

**SAS Name:** NUMAIR

**Universe Description:** Unit has room air conditioners.

**Question Text:** How many?

Enter 8 for 8 or more

**Skip Instructions:** If NUMAIR in [1..8,Dk,Rf] Then  
SMOKE

**Name:** SMOKE

**SAS Name:** SMOKE

**Universe Description:** Regular,occupied interviews, Vacant and URE interviews.

**Question Text:** ^Do\_Is a working smoke detector inside  
^your\_the\_that ^HTYPEFILL?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If SMOKE = Yes Then  
SMOKPWR  
Elseif SMOKE in [No,Dk,Rf] and ISTATUS = 1 Then  
FIREX  
Elseif SMOKE in [No,Dk,Rf] and ISTATUS in [2,3] Then  
SPRNKLR

---

**Name:** SMOKPWR

**SAS Name:** SMOKPWR

**Universe Description:** Unit has a working smoke detector.

**Question Text:** Is ^your\_the smoke detector powered by  
electricity, batteries, or both?

**Answer List:** SMOKPWR

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             | Electricity      | Electricity         |
| 2             | Batteries        | Batteries           |
| 3             | Both             | Both                |

---

**Skip Instructions:** If SMOKPWR in [2,3] Then  
BATTERY  
Elseif SMOKPWR in [1,Dk,Rf] and ISTATUS = 1 Then  
FIREX  
Elseif SMOKPWR in [1,Dk,Rf] and ISTATUS in [2,3] Then  
SPRNKLR

---

**Name:** BATTERY

**SAS Name:** BATTERY

**Universe Description:** Unit's smoke detector powered by batteries.

**Question Text:** Have the batteries in ^your\_the smoke detector

been replaced in the past 6 months?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If BATTERY in [Yes,No,Dk,Rf] and ISTATUS = 1 Then  
FIREX  
Elseif BATTERY in [Yes,No,Dk,Rf] and ISTATUS in [2,3] Then  
SPRNKLR

---

**Name:** FIREX  
**SAS Name:** FIREX  
**Universe Description:** Regular,occupied interviews.

**Question Text:** ^Do\_Is2 a fire extinguisher in ^your\_the\_that  
^home\_apartment2 that was purchased or  
recharged in the last 2 years?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If FIREX in [Yes,No,Dk,Rf] Then  
SPRNKLR

---

**Name:** SPRNKLR  
**SAS Name:** SPRNKLR  
**Universe Description:** Regular,occupied interviews, Vacant and URE interviews.

**Question Text:** ^Do\_Is2 a fire sprinkler system  
inside ^your\_the\_that ^HTYPEFILL?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If SPRNKLR in [Yes,No,Dk,Rf] Then  
MONOX

**Name:** MONOX

**SAS Name:** MONOX

**Universe Description:** Regular,occupied interviews, Vacant and URE interviews.

**Question Text:** ^Do\_Is a working carbon monoxide  
detector inside ^your\_the\_that ^HTYPEFILL?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If MONOX in [Yes,No,Dk,Rf] Then  
Exit Module

---

**Name:** CELARLK

**SAS Name:**

**Universe Description:**

---

**Name:** MOVDATE

**SAS Name:** MOVDATE

**Universe Description:**

---

**Name:** WINTER

**SAS Name:** WINTER

**Universe Description:**

---

**Name:** BRKDNINTRO

**SAS Name:**

**Universe Description:** Regular Occupied

**Question Text:** The next series of questions are about problems that some people have experienced with their homes. We are interested in knowing if you have experienced these types of problems too.

**Answer List:** BRKDNINTRO

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to Continue |

---

**Skip Instructions:** if ISTATUS=1 and (EQUIP<>13 and EQUIP<>EMPTY) and (any HHMEM present before March of current year)  
FREEZE

if ISTATUS=1 and (EQUIP=13,EMPTY or (EQUIP<>13 and EQUIP<>EMPTY and all move after Feb of current year)) and ((HOTPIP=1 or HOTPIP2=1 or OUT\_HOTPIP1=1) or (BATHS >=2)) then

IFDRY

if ISTATUS=1 and ((EQUIP=13,EMPTY) or (EQUIP<>13 and EQUIP<>EMPTY and all move after Feb of current year)) and HOTPIP<>1 and HOTPIP2<>1 and OUT\_HOTPIP<>1 and BATHS<2 and OUT\_TOILET=1 then

IFTLT1

if ISTATUS=1 and ((EQUIP=13,EMPTY) or (EQUIP<>13 and EQUIP<>EMPTY and all move after Feb of current year)) and HOTPIP<>1 and HOTPIP2<>1 and OUT\_HOTPIP<>1 and BATHS<2 and OUT\_TOILET<>1 then

LEAK1

---

**Name:** FREEZE

**SAS Name:** FREEZEQ

**Universe Description:** Regular Occupied, and if recent mover HHMEM moved in before Feb. of current year

**Question Text:** Last winter, for any reason, was your ^HTYPEFILL so cold for 24 hours or more that ^you\_one uncomfortable?

Do not count visitors, only household members

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** if FREEZE=yes then

IFCOLD

if FREEZE=NO, DK, RF and ((HOTPIP=1 or HOTPIP1=1 or HOTPIP2=1) or (BATHS>=2)) then

IFDRY

if FREEZE=NO, DK, RF and (HOTPIP<>1 and HOTPIP1<>1 and HOTPIP2<>1 and BATHS<2) and TOILET=1 then

IFTLT1

if FREEZE=NO, DK, RF and (HOTPIP<>1 and HOTPIP1<>1 and HOTPIP2<>1 and BATHS<2) and (TOILET<>1) then

LEAK1

---

**Name:** IFCOLD

**SAS Name:** IFCOLD

**Universe Description:** house was cold for 24 hours or more and Reg. Occupied interview

**Question Text:** Was that because the MAIN heating equipment broke down?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if IFCOLD= no then  
 OTHCOLD2  
 if IFCOLD=yes then  
 NUMCOLD  
 if IFCOLD=DK,RF and (HOTPIP=1 or HOTPIP1=1 or HOTPIP2=1) or BATHS>=2  
 then  
 IFDRY  
 if IFCOLD=DK,RF and (HOTPIP<>1 and HOTPIP1<>1 and HOTPIP2<>1 and  
 BATHS<2) and TOILET=1 then  
 IFTLT1  
 if IFCOLD=DK, RF and (HOTPIP<>1 and HOTPIP1<>1 and HOTPIP2<>1 and  
 BATHS<2) and TOILET<>1 then  
 LEAK1

**Name:** NUMCOLD

**SAS Name:** NUMCOLD

**Universe Description:** home was cold for more than 24 hours b/c main heating equipment broke and Reg.  
 Occ. interivew

**Question Text:** How many times did the MAIN heating equipment break down for 6 hours or more?

Enter 8 for 8 or more

**Skip Instructions:** if NUMCOLD=0..8, DK, RF then  
 OTHCOLD

**Name:** OTHCLD

**SAS Name:** OTHCLD

**Universe Description:** Main heating equipment broke down 0-8 times for 6+hours, or don't know or refuse to  
 answer and Reg. Occ. Interview

**Question Text:** Was it cold for any other reason?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if OTHCLD=YES then  
 OTHCOLD2  
 if OTHCLD=no,DK,RF and ((HOTPIP=1 or HOTPIP1=1 or HOTPIP2=1) or

BATHS>=2) then  
 IFDRY  
 if OTHCLD=NO,DK,RF and (HOTPIP<>1 and HOTPIP1<>1 and HOTPIP2<>1 and  
 BATHS<2) and TOILET=1 then  
 IFTLT1  
 if OTHCLD=NO,DK,RF and (HOTPIP<>1 and HOTPIP1<>1 and HOTPIP2<>1 and  
 BATHS<2) and TOILET<>1 then  
 LEAK1

**Name:** OTHCOLD2

**SAS Name:** WHYCD1

**Universe Description:** it was cold in the house for other reason and Reg. Occ. Interview

**Question Text:** What was the reason?

Enter all that apply, separate with commas

**Answer List:** OTHCOLD2

| Value: | Mnemonic: | Description:                |
|--------|-----------|-----------------------------|
| 1      |           | Utility interruption        |
| 2      |           | Inadequate heating capacity |
| 3      |           | Inadequate insulation       |
| 4      |           | Cost of heating             |
| 5      |           | Other, specify              |

**Skip Instructions:** if OTHCOLD2 = 5 then  
 WHYCDSP  
 if OTHCOLD2= [1..4], dk, rf and (HOTPIP1=1 or HOTPIP2=1 or HOTPIP=1) or  
 BATHS>=2 then  
 IFDRY  
 if OTHCOLD=[1..4], dk, rf and (HOTPIP<>1 and HOTPIP1<>1 and HOTPIP2<>1 and  
 BATHS<2) and TOILET=1 then  
 IFTLT1  
 if OTHCOLD=[1..4], dk, rf and (HOTPIP<>1 and HOTPIP1<>1 and HOTPIP2<>1 and  
 BATHS<2) and TOILET<>1 then  
 LEAK1

**Name:** WHYCDSP

**SAS Name:** WHYCDSP

**Universe Description:** Other reason for home being cold and Reg. Occ. Interview

**Question Text:** Specify other reason for cold

**Skip Instructions:** if WHYCDSP = answered,DK,RF and (HOTPIP<>1 and HOTPIP1<>1 and  
 HOTPIP2<>1 and BATHS<2) and TOILET<>1 then

LEAK1  
if WHYCDSP = answered,DK,RF and (HOTPIP<>1 and HOTPIP1<>1 and  
HOTPIP2<>1 and BATHS<2) and TOILET=1 then  
IFTLT1  
if WHYCDSP=answered, dk, rf AND ((HOTPIP1=1 or HOTPIP2=1 or HOTPIP=1) or  
BATHS>=2) then  
IFDRY

---

**Name:** IFDRY  
**SAS Name:** IFDRY  
**Universe Description:** has both hot and cold water or has 2+ bathrooms, and Reg. Occ. interview

**Question Text:** Was your home ever COMPLETELY without running water ^since\_in?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** if IFDRY=NO, dk, rf, and OUT\_TOILET<>1 then  
LEAK1  
if IFDRY=NO, DK,RF and OUT\_TOILET=1 then  
IFTLT1  
if IFDRY=YES then  
NUMDRY

---

**Name:** NUMDRY  
**SAS Name:** NUMDRY  
**Universe Description:** home was completely without running water in the last 3 months and Reg. Occ.  
interview

**Question Text:** How many times was it not available for 6 hours or more?

Enter 8 for 8 or more

**Skip Instructions:** if NUMDRY=0..8, dk, rf and TOILET<>1 then  
LEAK1  
if NUMDRY=0..8, dk, rf and TOILET=1 then  
IFTLT1

---

**Name:** IFTLT1  
**SAS Name:** IFTLT1  
**Universe Description:** there's a flush toilet and Reg.Occ. Interview

**Question Text:** Was there any time ^you\_household when ^all\_your BROKEN, or STOPPED UP, or



otherwise NOT WORKING, so you COULDN'T USE ^any\_it?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if IFTLT1=YES, DK, RF and (DATE - MOVDATE) >90 then  
IFTLT2  
if IFTLT1=NO, DK, RF and (DATE - MOVDATE) =90 then  
LEAK1  
if IFTLT1=YES and (DATE - MOVDATE) <=90 then  
NUM3TLT

---

**Name:** IFTLT2

**SAS Name:** IFTLT2

**Universe Description:** toilets were stopped up within the last 3 months, household has lived there for more than 3 months and Reg.Occ. interview

**Question Text:** Did that happen at all WITHIN THE PAST THREE MONTHS, that is, since ^date?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if IFTLT2=yes then  
NUM3TLT  
if IFTLT2=2,DK,RF then  
LEAK1

---

**Name:** NUM3TLT

**SAS Name:** NUM3TLT

**Universe Description:** toilets backed up/not working in the past 3 months and Reg.Occ. interview

**Question Text:** How many times since ^date ^were\_was not working?

Enter 8 for 8 or more

**Skip Instructions:** if NUM3TLT=1..8, dk, rf then  
NUMTLT

---

**Name:** NUMTLT

**SAS Name:** NUMTLT

**Universe Description:** Toilet not working 1-8 times in the past 3 months/since moved in, and Reg.Occ. interview

**Question Text:** And how many of those times ^were\_was not working for SIX HOURS or MORE?

Enter 8 for 8 or more

**Skip Instructions:** if NUMTLT=1..8,DK,RF then  
LEAK1

**Name:** LEAK1

**SAS Name:** LEAK1

**Universe Description:** reg. occ. interview

**Question Text:** These next questions are about water leaks-either from OUTSIDE your ^HTYPEFILL ^building or from INSIDE.

While ^youve\_your been living here, did water ever leak INTO your ^HTYPEFILL ^building ^directly FROM THE OUTSIDE--for example, through the roof, ^outside walls, ^basement or any closed windows or skylights?

**Answer List:** LEAK1

| Value: | Mnemonic: | Description:           |
|--------|-----------|------------------------|
| 1      |           | Yes                    |
| 2      |           | No outside water leaks |

**Skip Instructions:** If LEAK1 = 2, DK, RF then  
ILEAK1  
If LEAK1 = 1 and (DATE-MOVDATE)<= 365 then  
WHERELK  
If LEAK1 = 1 and (DATE-MOVDATE) > 365 then  
LEAK2

**Name:** LEAK2

**SAS Name:** LEAK2

**Universe Description:** water leaked from outside and household has been there for over a year or don't know how long and Reg.Occ. interview

**Question Text:** Did water leak in from the outside within the past 12 months-- that is since ^year\_date?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if LEAK2=YES then  
 WHERELK  
 if LEAK2=NO, DK, RF then  
 ILEAK1

**Name:** WHERELK

**SAS Name:** BLEAK

**Universe Description:** Reg.Occ. Interview and Water leak from outside and household live there for one year or less, or water leak from outside in the last 3 months/since moved in

**Question Text:** Did the water come in from the --

Read aloud all bolded categories  
 Enter all that apply, separate with commas

**Answer List:** WHERELK

| Value: | Mnemonic: | Description:                                    |
|--------|-----------|---|
| 1      |           | Roof?   |
| 2      |           | Basement?                                       |
| 3      |           | Walls or around closed windows or closed doors? |
| 4      |           | Somewhere else (specify)?                       |

**Skip Instructions:** If (WHERELK = 1, 3, DK, RF) or (WHERELK = 2 and STYPE <> 1,2 then  
 ILEAK1  
 If WHERELK = 2 and STYPE = 1, 2 and CELLAR <> 1,2 then  
 LEAKP  
 If WHERELK = 4 then  
 OTLEAKSP

**Name:** OTLEAKSP

**SAS Name:** OTLEAK

**Universe Description:** other reason for outside water leak

**Question Text:** Enter description of source of other OUTSIDE water leak

**Skip Instructions:** If WHERELK = 2 and STYPE = 1,2 and CELLAR NE 1,2 then  
 LEAKP  
 If WHERELK <> 2 or STYPE <> 1,2 or CELLAR = 1,2 then  
 ILEAK1

**Name:** LEAKP

**SAS Name:** LEAKP

**Universe Description:** respondent indicated there is no basement in the INV module but then said there is a leak from the basement

**Question Text:** You stated water comes in through the basement. Earlier answers said this house did not have a basement. Do you have a basement under all of the house, under part of the house, or is it that the water leak did not come from the basement?

**Answer List:** LEAKP

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                      |
|---------------|------------------|--|
| 1             |                  | Basement under all of the house          |
| 2             |                  | Basement under part of the house         |
| 3             |                  | Water does not come in from the basement |

---

**Skip Instructions:** If LEAKP = 1,2,then  
ILEAK1  
If LEAKP = 3, DK, RF then  
E\_LEAKP

---

**Name:** ILEAK1

**SAS Name:** ILEAK1

**Universe Description:** Reg.Occ. Interviews

**Question Text:** Now about water leaks from INSIDE. Since ^youve\_your lived here, did water leak in--

from broken pipes or water heaters, backed up plumbing, ^another\_any ^home\_apartment\_living?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if ILEAK1=1 and (DATE-MOVDATE)<=365 then  
WHERELK2  
if ILEAK1=1 and (DATE-MOVEDATE)>365 then  
ILEAK2  
if ILEAK1=2, DK, RF and PUBSEW<>1 and SEWDIS<>1 and CDEPSTAT=1 and  
I\_NOWIRE1=1 then  
NOWIR1V  
if ILEAK1=2, DK, RF and PUBSEW<>1 and SEWDIS<>1 and CDEPSTAT<>1 and  
I\_NOWIRE1<>1 then  
NOWIR1Q

if ILEAK1=2,DK,RF and (PUBSEW=1 or SEWDIS=1) then  
IFSEW

---

**Name:** ILEAK2

**SAS Name:** ILEAK2

**Universe Description:** Reg.Occ. Interview, there have been inside leaks and hh has lived there for at least a year

**Question Text:** Did any inside water leaks happen within the past 12 months-- that is, since ^year\_date?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** if ILEAK2=1 then  
WHERELK2

if ILEAK2=2, DK, RF and (PUBSEW=1 or SEWDIS=1) then  
IFSEW

if ILEAK2=2, DK, RF and PUBSEW<>1 and SEWDIS<>1 and CDEPSTAT=1 and  
I\_NOWIRE1=1 then  
NOWIR1V

if ILEAK2=2, DK, RF and PUBSEW<>1 and SEWDIS<>1 and (CDEPSTAT<>1 or  
I\_NOWIRE1<>1) then  
NOWIR1Q

---

**Name:** WHERELK2

**SAS Name:** NLEAK1

**Universe Description:** regular occupied interview and there are water leaks from the inside

**Question Text:** Where did the water come from?

Enter all that apply, separate with commas

**Answer List:** WHERELK2

---

| Value: | Mnemonic: | Description:  |
|--------|-----------|---|
| 1      |           | Own plumbing fixtures back up and/or overflowed         |
| 2      |           | Pipes leaked (include pipe leaks from other apartments) |
| 3      |           | Broken water heater                                     |
| 4      |           | Other, specify  |
| 5      |           | Unknown   |

---

**Skip Instructions:** if WHERELK2=4 then  
 NLEAK1SP  
 if WHERELK2<>4 and PUBSEW=1 or SEWDIS=1 then  
 IFSEW  
 if WHERELK2<>4 and PUBSEW<>1 and SEWDIS<>1 and CDEPSTAT=1 and I\_NOWIRE1=1 then  
 NOWIR1V  
 if WHERELK2<>4 and PUBSEW<>1 and SEWDIS<>1 and (CDEPSTAT<>1 or I\_NOWIRE1<>1) then  
 NOWIR1Q

**Name:** NLEAKSP

**SAS Name:** NLEAKSP

**Universe Description:** other reason for inside water leak

**Question Text:** Enter description of source of other INSIDE water leak

**Skip Instructions:** if PUBSEW=1 or SEWDIS=1 then  
 IFSEW  
 if PUBSEW<>1 and SEWDIS<>1 and CDEPSTAT=1 and I\_NOWIR1=1 then  
 NOWIR1V  
 if PUBSEW<>1 and SEWDIS<>1 and (CDEPSTAT<>1 or I\_NOWIR1<>1) then  
 NOWIR1Q

**Name:** IFSEW

**SAS Name:** IFSEW

**Universe Description:** Regular Occupied Interviews and home is connected to public sewer or sewage disposal system is a Septic tank or Cesspool or Chemical toilet

**Question Text:** Did the sewage system break down ^since\_within-- that is, since ^date?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if IFSEW=1 then  
 NUMSEW  
 if IFSEW=2, dk, rf and CDEPSTAT=1 and I\_NOWIRE1=1 then  
 NOWIR1V  
 if IFSEW=2, dk, rf and (CDEPSTAT<>1 or I\_NOWIRE1<>1) then  
 NOWIR1Q

**Name:** NUMSEW

**SAS Name:** NUMSEW

**Universe Description:** the sewage system broke down in the last 3 months

**Question Text:** How many of these breakdowns lasted 6 hours or more?

Enter 8 for 8 or more

**Skip Instructions:** if NUMSEW=0..8, DK, RF and CDEPSTAT=1 and I\_NOWIRE1=1 then  
NOWIR1V

if NUMSEW=0..8, DK, RF and (CDEPSTAT<>1 or I\_NOWIRE1<>1) then  
NOWIR1Q

---

**Name:** PLUGS

**SAS Name:**

**Universe Description:**

---

**Name:** NOWIRE

**SAS Name:**

**Universe Description:**

---

**Name:** NOWIREV

**SAS Name:** NOWIREV

**Universe Description:** continuing address with previous answer given from last enumeration, and Reg.Occ, URE, or Vacant interview

**Question Text:** Last time we recorded that all the electrical wiring in the finished areas of ^the\_your home was concealed in the walls or in protective metal or plastic coverings.

Is this still correct?

Exclude appliance cords, extension cords, chandelier cords, phone antenna, cable TV wires, etc.

**Answer List:** NOWIR1V

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>         |
|---------------|------------------|-----------------------------|
| 1             |                  | Yes, wiring still concealed |
| 2             |                  | No, wiring not concealed    |
| 3             |                  | No electrical wiring        |

---

**Skip Instructions:** If NOWIREV = 3 then  
CRACKS

If NOWIREV - 1,2,DK,RF and (CEDEPSTAT = 1 and I\_PLUGS = 1 then  
PLUGSV

If NOWIREV - 1,2,DK,RF and I\_PLUGS <> 1 then  
PLUGSQ

---

**Name:** NOWIR1Q

**SAS Name:** NOWIR1Q

**Universe Description:** new household or no info. given previous enumeration and Reg.Occ., URE, or Vacant Interview

**Question Text:** Is all the electrical wiring in the finished areas of ^the\_ your home concealed in the walls?

Exclude appliance cords, extension cords, chandelier cords, phone, antenna, cable TV wires, etc.

**Answer List:** NOWIR1Q

---

| Value: | Mnemonic: | Description:             |
|--------|-----------|--------------------------|
| 1      |           | Yes, wiring concealed    |
| 2      |           | No, wiring not concealed |
| 3      |           | No electrical wiring     |

---

**Skip Instructions:** If NOWIR1Q = 3 then  
CRACKS  
If NOWIR1Q = 1 and (CEDEPSTAT = 1 and I\_PLUGS = 1 then  
PLUGSV  
If NOWIR1Q = 1 and I\_PLUGS <> 1 then  
PLUGSQ  
if NOWIR1Q = 2,DK,RF then  
NOWIRE2Q

---

**Name:** NOWIRE2Q

**SAS Name:** NOWIRE2Q

**Universe Description:** wiring not concealed, and Reg.Occ, URE or Vacant interview

**Question Text:** Is the electrical wiring safely contained in protective metal or plastic coverings?

Exclude appliance cords, extension cords, chandelier cords, phone, antenna, cable TV wires, etc.

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** if NOWIRE2Q=YES, NO, DK, RF and (CDEPSTAT<>1 or I\_PLUGS<>1) then



PLUGSQ  
if NOWIRE2Q=1,2,DK,RF and CDEPSTAT=1 and I\_PLUGS=1 then  
PLUGSV

---

**Name:** PLUGSV  
**SAS Name:** PLUGSV  
**Universe Description:** Reg.Occ, URE, or Vacant interview and Dependent interview and home has electrical wiring

**Question Text:** Last time we recorded that every room had an electrical outlet or wall plug that worked.

Is this still correct?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** if PLUGSV=YES,NO,DK,RF and ISTATUS=2,3 then  
CRACKS  
if PLUGSV=YES,NO,DK,RF and ISTATUS<>2,3 then  
IFBLOW

---

**Name:** PLUGSQ  
**SAS Name:** PLUGSQ  
**Universe Description:** Reg. Occ, URE, or Vacant interview, no previous info. and home has electrical wiring

**Question Text:** Does every room have an electrical outlet or wall plug that works?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** if PLUGSQ=YES,NO,DK,RF and ISTATUS=2,3 then  
CRACKS  
if PLUGSQ=YES,NO,DK,RF and ISTATUS<>2,3 then  
IFBLOW

---

**Name:** IFBLOW  
**SAS Name:** IFBLOW  
**Universe Description:** Regular Occupied Interview, unit has electrical wiring

**Question Text:** Have any fuses blown or circuit breakers tripped ^three\_since?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if IFBLOW=YES then  
NUMBLOW  
if IFBLOW=NO, DK, RF then  
CRACKS

---

**Name:** NUMBLOW

**SAS Name:** NUMBLOW

**Universe Description:** fuses have blown/circuit breakers tripped in the past 3 months, and Reg.Occ. Interview

**Question Text:** How many times ^three\_since?

Enter 8 for 8 or more

**Skip Instructions:** if NUMBLOW=1..8, dk, rf then  
CRACKS

---

**Name:** CRACKS

**SAS Name:** CRACKS

**Universe Description:** Regular Occupied Interview, URE or vacant interview

**Question Text:** People sometimes have problems with cracks or holes in ^their floors, walls, or ceilings -- not hairline cracks or nail holes, but OPEN cracks or holes.

In the INSIDE walls or ceilings of ^your\_the\_that ^HTYPEFILL, are there any OPEN HOLES or CRACKS WIDER THAN THE EDGE OF A DIME?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if CRACKS=YES,NO, DK, RF then  
HOLES

---

**Name:** HOLES

**SAS Name:** HOLES

**Universe Description:** Reg.Occ, URE, or Vacant interview

**Question Text:** How about the floors in ^your\_the\_that ^HTYPEFILL -- ^do\_are any holes in the floors big enough for someone to catch their foot on?

(About 4 inches across -- About the height of a soup can)

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if HOLES=yes,no, dk, rf then  
BIGP1

---

**Name:** BIGP1

**SAS Name:** BIGP1

**Universe Description:** Reg.Occ., URE, or Vacant Interview

**Question Text:** ^besides\_does the inside of ^your\_the\_that ^HTYPEFILL have any areas of peeling paint or broken plaster?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if BIGP1=YES then  
BIGP2  
if BIGP1=NO, DK, RF and ISTATUS=1 then  
EVROD  
if BIGP1=NO, DK, RF and ISTATUS<>1 then  
Next Module

---

**Name:** BIGP2

**SAS Name:** BIGP2

**Universe Description:** Regular Occupied, URE, or Vacant Interview and there are areas of peeling paint and/or broken plaster in home

**Question Text:** Are any of these areas bigger than 8 inches by 11 inches?

(The size of a standard business letter)

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if BIGP2=YES, NO, DK, RF and ISTATUS=1 then  
EVROD  
if BIGP2=YES,NO, DK, RF and ISTATUS<>1 then  
Next Module

---

**Name:** EVROD

**SAS Name:** EVROD

**Universe Description:** regular occupied interview

**Question Text:** Have you ever seen signs of mice or rats INSIDE your ^HTYPEFILL ^building?

(Exclude rats/mice kept as pets or snake food or otherwise deliberately brought inside)

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if EVROD=NO, DK, RF and TENURE=2,3 then  
MAJR1  
if EVROD=YES then  
M3ROD  
if EVROD=NO, DK, RF and TENURE=1 then  
Next Module

---

**Name:** M3ROD

**SAS Name:** M3ROD

**Universe Description:** signs of mice/rats in home and Reg.Occ. interview

**Question Text:** Was that ^three\_since --  
that is, since ^date

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if M3ROD=YES then  
RATMICE  
if M3ROD=NO, DK, RF and TENURE=1 then  
Next Module  
if M3ROD=NO, DK, RF and TENURE=2,3 then  
MAJR1

---

**Name:** RATMICE  
**SAS Name:** RATS  
**Universe Description:** signs of mice/rat in the past 3 months and Reg.Occ. interview

**Question Text:** Was it a rat, a mouse, or aren't you sure what it was?  
  
Enter all that apply, separate with commas

**Answer List:** RATMICE

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Rat          |
| 2      |           | Mouse        |
| 3      |           | Not Sure     |

---

**Skip Instructions:** if RATMICE=ANSWER MARKED, DK, RF and TENURE=1 then  
Next Module  
if RATMICE=ANSWER MARKED, DK, RF and TENURE=2,3 then  
MAJR1

---

**Name:** MAJR1  
**SAS Name:** MAJR1  
**Universe Description:** Regular Occupied Interview and Rented or Occupied w/out payment of cash rent

**Question Text:** When the owner has to do MAJOR maintenance or repairs:  
Do they start quickly enough?

**Answer List:** MAJR1

---

| Value: | Mnemonic: | Description:                             |
|--------|-----------|--|
| 1      |           | Yes usually                              |
| 2      |           | Not usually                              |
| 3      |           | Very mixed                               |
| 4      |           | Haven't needed any                       |
| 5      |           | Landlord not responsible for maintenance |

---

**Skip Instructions:** IF MAJR1=1,2,3,DK,RF THEN  
MAJR2

IF MAJR1=4 THEN  
MINR1  
IF MAJR1=5 THEN  
BLDMNT

---

**Name:** MAJR2

**SAS Name:** MAJR2

**Universe Description:** respondent has needed repairs by landlord and Reg.Occ. Interview and unit is rent for cash or no cash

**Question Text:** Do they solve the problem quickly once they start?

**Answer List:** YES\_NO\_MIXED

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

|   |  |       |
|---|--|-------|
| 3 |  | Mixed |
|---|--|-------|

---

**Skip Instructions:** IF MAJR2=YES, NO, MIXED, DK,RF THEN  
MAJR3

---

**Name:** MAJR3

**SAS Name:** MAJR3

**Universe Description:** yes, no, mixed response to landlord solving major repair problem quickly and Reg.Occ. Interview, unit is rented for cash or no payment

**Question Text:** Are they polite and considerate of your home?

**Answer List:** YES\_NO\_MIXED

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

|   |  |       |
|---|--|-------|
| 3 |  | Mixed |
|---|--|-------|

---

**Skip Instructions:** IF MAJR3=YES, NO, MIXED, DK, RF THEN  
MINR1

---

**Name:** MINR1

**SAS Name:** MINR1

**Universe Description:** Reg.Occ. interview, unit is rented for cash or no payment, and landlord is responsible for maintenance of unit

**Question Text:** For MINOR maintenance or repairs:  
Do they start quickly enough?

**Answer List:** MINR1

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes usually         |
| 2             |                  | Not usually         |
| 3             |                  | Very mixed          |
| 4             |                  | Haven't needed any  |

---

**Skip Instructions:** IF MINR1=1,2,3,DK,RF THEN  
MINR2  
IF MINR1=4 THEN  
BLDMNT

---

**Name:** MINR2

**SAS Name:** MINR2

**Universe Description:** Landlord starts minor repairs quickly usually, not usually, or very mixed, and Reg.Occ., URE, or Vacant Interview, and person rents or occupies w/out rent

**Question Text:** Do they solve the problem quickly once they start?

**Answer List:** YES\_NO\_MIXED

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |
| 3             |                  | Mixed               |

---

**Skip Instructions:** IF MINR2=1,2,3, DK, RF THEN  
MINR3

---

**Name:** MINR3

**SAS Name:** MINR3

**Universe Description:** yes,no,mixed response to Landlord solves minor problem quickly, and Reg.Occ., URE, or Vacant Interview, and rented or no cash rent

**Question Text:** Are they polite and considerate of your home?

**Answer List:** YES\_NO\_MIXED

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |

---

|   |       |
|---|-------|
| 2 | No    |
| 3 | Mixed |

**Skip Instructions:** IF MINR3=1..3, DK,RF THEN  
BMDMNT

**Name:** BMDMNT

**SAS Name:** BMDMNT

**Universe Description:** occupied renter

**Question Text:** On maintenance of the building, are you completely satisfied, partly satisfied, or dissatisfied?

**Answer List:** Satisfied

| Value: | Mnemonic: | Description:                                  |
|--------|-----------|---|
| 1      |           | Completely satisfied                          |
| 2      |           | Partly satisfied                              |
| 3      |           | Dissatisfied                                  |
| 4      |           | Landlord not responsible for this maintenance |

**Skip Instructions:** IF BMDMNT=1,2,3,4, DK,RF then  
GRDMNT

**Name:** GRDMNT

**SAS Name:** GRDMNT

**Universe Description:** Renter Occupied

**Question Text:** On maintenance of the grounds, are you completely satisfied, partly satisfied, or dissatisfied?

**Answer List:** Satisfied

| Value: | Mnemonic: | Description:                                  |
|--------|-----------|---|
| 1      |           | Completely satisfied                          |
| 2      |           | Partly satisfied                              |
| 3      |           | Dissatisfied                                  |
| 4      |           | Landlord not responsible for this maintenance |

**Skip Instructions:** IF GRDMNT=1,2,3,4, DK, RF  
Next Module

**Name:** QUAKE

**SAS Name:** QUAKE



**Universe Description:**

---

**Name:** TORNADO

**SAS Name:** TORNADO

**Universe Description:**

---

**Name:** LNDSLD

**SAS Name:** LNDSLD

**Universe Description:**

---

**Name:** FIRE

**SAS Name:** FIRE

**Universe Description:**

---

**Name:** FLOOD

**SAS Name:** FLOOD

**Universe Description:**

---

**Name:** OTHDIS

**SAS Name:** OTHDIS

**Universe Description:**

---

**Name:** NWBED

**SAS Name:** NWBED

**Universe Description:**

---

**Name:** NWBTH

**SAS Name:** NWBTH

**Universe Description:**

---

**Name:** NWREC

**SAS Name:** NWREC

**Universe Description:**

---

**Name:** NWOTH

**SAS Name:** NWOTH

**Universe Description:**

---

**Name:** ADDBED

**SAS Name:** ADDBED

**Universe Description:**

---

**Name:** ADDBTH

**SAS Name:** ADDBTH

**Universe Description:**

---

**Name:** ADDKIT

**SAS Name:** ADDKIT

**Universe Description:**

---

**Name:** ADDOTH

**SAS Name:** ADDOTH

**Universe Description:**

---

**Name:** GARAG

**SAS Name:** GARAG

**Universe Description:**

---

**Name:** PRCH

**SAS Name:** PRCH

**Universe Description:**

---

**Name:** DECK

**SAS Name:** DECK

**Universe Description:**

---

**Name:** CARPORT

**SAS Name:** CARPORT

**Universe Description:**

---

**Name:** OTHOUT

**SAS Name:** OTHOUT

**Universe Description:**

---

**Name:** BTHROOM

**SAS Name:** BTHROOM

**Universe Description:**

---

**Name:** KITCHN

**SAS Name:** KITCHN

**Universe Description:**

---

**Name:** RENBEDR

**SAS Name:** RENBEDR

**Universe Description:**

---

**Name:** RENBTH

**SAS Name:** RENBTH

**Universe Description:**

---

**Name:** RENOTH

**SAS Name:** RENOTH

**Universe Description:**

---

**Name:** NWBEDB

**SAS Name:** NWBEDB

**Universe Description:**

---

**Name:** NWBTHB

**SAS Name:** NWBTHB

**Universe Description:**

---

**Name:** NWRECB

**SAS Name:** NWRECB

**Universe Description:**

---

**Name:** NWOTHB

**SAS Name:** NWOTHB

**Universe Description:**

---

**Name:** ADBEDB

**SAS Name:** ADBEDB

**Universe Description:**

---

**Name:** ADBTHB

**SAS Name:** ADBTHB

**Universe Description:**

---

**Name:** ADKITB

**SAS Name:** ADKITB

**Universe Description:**

---

**Name:** ADOTHB

**SAS Name:** ADOTHB

**Universe Description:**

---

**Name:** GARAGB

**SAS Name:** GARAGB

**Universe Description:**

---

**Name:** PORCHB

**SAS Name:** PORCHB

**Universe Description:**

---

**Name:** DECKB

**SAS Name:** DECKB

**Universe Description:**

---

**Name:** CRPRTB

**SAS Name:** CRPRTB

**Universe Description:**

---

**Name:** OTHOTB

**SAS Name:** OTHOTB

**Universe Description:**

---

**Name:** BTHRDB

**SAS Name:** BTHRDB

**Universe Description:**

---

**Name:** KITRDB

**SAS Name:** KITRDB

**Universe Description:**

---

**Name:** RNBEDRB

**SAS Name:** RNBEDRB

**Universe Description:**

---

**Name:** RNBTHB  
**SAS Name:** RNBTHB  
**Universe Description:**

---

**Name:** RNOTHB  
**SAS Name:** RNOTHB  
**Universe Description:**

---

**Name:** ROOFB  
**SAS Name:** ROOFB  
**Universe Description:**

---

**Name:** SIDNGB  
**SAS Name:** SIDNGB  
**Universe Description:**

---

**Name:** DOORB  
**SAS Name:** DOORB  
**Universe Description:**

---

**Name:** INSLB  
**SAS Name:** INSLB  
**Universe Description:**

---

**Name:** PIPEB  
**SAS Name:** PIPEB  
**Universe Description:**

---

**Name:** PLFXTB  
**SAS Name:** PLFXTB  
**Universe Description:**

---

**Name:** WIRNGB  
**SAS Name:** WIRNGB  
**Universe Description:**

---

**Name:** SECURB  
**SAS Name:** SECURB  
**Universe Description:**

---

**Name:** CARPTB  
**SAS Name:** CARPTB  
**Universe Description:**

---

**Name:** FLOORB  
**SAS Name:** FLOORB  
**Universe Description:**

---

**Name:** PANELB  
**SAS Name:** PANELB  
**Universe Description:**

---

**Name:** CENARB  
**SAS Name:** CENARB  
**Universe Description:**

---

**Name:** HTEQUB  
**SAS Name:** HTEQUB  
**Universe Description:**

---

**Name:** SEPTB  
**SAS Name:** SEPTB  
**Universe Description:**

---

**Name:** WTRHB  
**SAS Name:** WTRHB  
**Universe Description:**

---

**Name:** DSHWB  
**SAS Name:** DSHWB  
**Universe Description:**

---

**Name:** DSPLB  
**SAS Name:** DSPLB  
**Universe Description:**

---

**Name:** MSINAB  
**SAS Name:** MSINAB  
**Universe Description:**

---

**Name:** MSINBB

**SAS Name:** MSINBB

**Universe Description:**

---

**Name:** MSINCB

**SAS Name:** MSINCB

**Universe Description:**

---

**Name:** DRIVEB

**SAS Name:** DRIVEB

**Universe Description:**

---

**Name:** FENCEB

**SAS Name:** FENCEB

**Universe Description:**

---

**Name:** PATIOB

**SAS Name:** PATIOB

**Universe Description:**

---

**Name:** POOLB

**SAS Name:** POOLB

**Universe Description:**

---

**Name:** SHEDB

**SAS Name:** SHEDB

**Universe Description:**

---

**Name:** MOUTAB

**SAS Name:** MOUTAB

**Universe Description:**

---

**Name:** MOUTBB

**SAS Name:** MOUTBB

**Universe Description:**

---

**Name:** MOUTCB

**SAS Name:** MOUTCB

**Universe Description:**

---

**Name:** NWBEDWK

**SAS Name:** NWBEDWK

**Universe Description:**

---

**Name:** NWBTHWK

**SAS Name:** NWBTHWK

**Universe Description:**

---

**Name:** NWRECWK

**SAS Name:** NWRECWK

**Universe Description:**

---

**Name:** NWOTHWK

**SAS Name:** NWOTHWK

**Universe Description:**

---

**Name:** ADBEDWK

**SAS Name:** ADBEDWK

**Universe Description:**

---

**Name:** ADBTHWK

**SAS Name:** ADBTHWK

**Universe Description:**

---

**Name:** ADKITWK

**SAS Name:** ADKITWK

**Universe Description:**

---

**Name:** ADOTHWK

**SAS Name:** ADOTHWK

**Universe Description:**

---

**Name:** GARAGWK

**SAS Name:** GARAGWK

**Universe Description:**

---

**Name:** PORCHWK

**SAS Name:** PORCHWK

**Universe Description:**

---



**Name:** DECKWK  
**SAS Name:** DECKWK  
**Universe Description:**

---

**Name:** CRPRTWK  
**SAS Name:** CRPRTWK  
**Universe Description:**

---

**Name:** OTHOTWK  
**SAS Name:** OTHOTWK  
**Universe Description:**

---

**Name:** BTHRDWK  
**SAS Name:** BTHRDWK  
**Universe Description:**

---

**Name:** KITRDWK  
**SAS Name:** KITRDWK  
**Universe Description:**

---

**Name:** RNBEDWK  
**SAS Name:** RNBEDWK  
**Universe Description:**

---

**Name:** RNBTHWK  
**SAS Name:** RNBTHWK  
**Universe Description:**

---

**Name:** RNOTHWK  
**SAS Name:** RNOTHWK  
**Universe Description:**

---

**Name:** ROOFWK  
**SAS Name:** ROOFWK  
**Universe Description:**

---

**Name:** SIDWK  
**SAS Name:** SIDWK  
**Universe Description:**

---

**Name:** DOORWK  
**SAS Name:** DOORWK  
**Universe Description:**

---

**Name:** INSLWK  
**SAS Name:** INSLWK  
**Universe Description:**

---

**Name:** PIPEWK  
**SAS Name:** PIPEWK  
**Universe Description:**

---

**Name:** PLFXTWK  
**SAS Name:** PLFXTWK  
**Universe Description:**

---

**Name:** WIRWK  
**SAS Name:** WIRWK  
**Universe Description:**

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**Name:** SECURWK  
**SAS Name:** SECURWK  
**Universe Description:**

---

**Name:** CARPTWK  
**SAS Name:** CARPTWK  
**Universe Description:**

---

**Name:** FLOORWK  
**SAS Name:** FLOORWK  
**Universe Description:**

---

**Name:** PANELWK  
**SAS Name:** PANELWK  
**Universe Description:**

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**Name:** CENARWK  
**SAS Name:** CENARWK  
**Universe Description:**

---

**Name:** HTEQUWK  
**SAS Name:** HTEQUWK  
**Universe Description:**

---

**Name:** SEPTWK  
**SAS Name:** SEPTWK  
**Universe Description:**

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**Name:** WTRHWK  
**SAS Name:** WTRHWK  
**Universe Description:**

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**Name:** DSHWWK  
**SAS Name:** DSHWWK  
**Universe Description:**

---

**Name:** DSPLWK  
**SAS Name:** DSPLWK  
**Universe Description:**

---

**Name:** INSAWK  
**SAS Name:** INSAWK  
**Universe Description:**

---

**Name:** INSBWK  
**SAS Name:** INSBWK  
**Universe Description:**

---

**Name:** INSCWK  
**SAS Name:** INSCWK  
**Universe Description:**

---

**Name:** DRIVEWK  
**SAS Name:** DRIVEWK  
**Universe Description:**

---

**Name:** FENCEWK  
**SAS Name:** FENCEWK  
**Universe Description:**

---

**Name:** PATIOWK  
**SAS Name:** PATIOWK  
**Universe Description:**

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**Name:** POOLWK  
**SAS Name:** POOLWK  
**Universe Description:**

---

**Name:** SHEDWK  
**SAS Name:** SHEDWK  
**Universe Description:**

---

**Name:** OUTAWK  
**SAS Name:** OUTAWK  
**Universe Description:**

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**Name:** OUTBWK  
**SAS Name:** OUTBWK  
**Universe Description:**

---

**Name:** OUTCWK  
**SAS Name:** OUTCWK  
**Universe Description:**

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**Name:** NWBEDAM  
**SAS Name:** NWBEDAM  
**Universe Description:**

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**Name:** NWBTHAM  
**SAS Name:** NWBTHAM  
**Universe Description:**

---

**Name:** NWRECAM  
**SAS Name:** NWRECAM  
**Universe Description:**

---

**Name:** NWOTHAM  
**SAS Name:** NWOTHAM  
**Universe Description:**

---

**Name:** ADBEDAM

**SAS Name:** ADBEDAM

**Universe Description:**

---

**Name:** ADBTHAM

**SAS Name:** ADBTHAM

**Universe Description:**

---

**Name:** ADKITAM

**SAS Name:** ADKITAM

**Universe Description:**

---

**Name:** ADOTHAM

**SAS Name:** ADOTHAM

**Universe Description:**

---

**Name:** GARAGAM

**SAS Name:** GARAGAM

**Universe Description:**

---

**Name:** PORCHAM

**SAS Name:** PORCHAM

**Universe Description:**

---

**Name:** DECKAM

**SAS Name:** DECKAM

**Universe Description:**

---

**Name:** CRPRTAM

**SAS Name:** CRPRTAM

**Universe Description:**

---

**Name:** OTHOTAM

**SAS Name:** OTHOTAM

**Universe Description:**

---

**Name:** BTHRDAM

**SAS Name:** BTHRDAM

**Universe Description:**

---

**Name:** KITRDAM

**SAS Name:** KITRDAM

**Universe Description:**

---

**Name:** RNBEDAM

**SAS Name:** RNBEDAM

**Universe Description:**

---

**Name:** RNBTHAM

**SAS Name:** RNBTHAM

**Universe Description:**

---

**Name:** RNOTHAM

**SAS Name:** RNOTHAM

**Universe Description:**

---

**Name:** ROOFAM

**SAS Name:** ROOFAM

**Universe Description:**

---

**Name:** SIDAM

**SAS Name:** SIDAM

**Universe Description:**

---

**Name:** DOORAM

**SAS Name:** DOORAM

**Universe Description:**

---

**Name:** INSLAM

**SAS Name:** INSLAM

**Universe Description:**

---

**Name:** PIPEAM

**SAS Name:** PIPEAM

**Universe Description:**

---

**Name:** PLFXTAM

**SAS Name:** PLFXTAM

**Universe Description:**

---

**Name:** WIRAM

**SAS Name:** WIRAM

**Universe Description:**

---

**Name:** SECURAM

**SAS Name:** SECURAM

**Universe Description:**

---

**Name:** CARPTAM

**SAS Name:** CARPTAM

**Universe Description:**

---

**Name:** FLOORAM

**SAS Name:** FLOORAM

**Universe Description:**

---

**Name:** PANELAM

**SAS Name:** PANELAM

**Universe Description:**

---

**Name:** CENARAM

**SAS Name:** CENARAM

**Universe Description:**

---

**Name:** HTEQUAM

**SAS Name:** HTEQUAM

**Universe Description:**

---

**Name:** SEPTAM

**SAS Name:** SEPTAM

**Universe Description:**

---

**Name:** WTRHAM

**SAS Name:** WTRHAM

**Universe Description:**

---

**Name:** DSHWAM

**SAS Name:** DSHWAM

**Universe Description:**

---

**Name:** DSPLAM

**SAS Name:** DSPLAM

**Universe Description:**

---

**Name:** INSAAM

**SAS Name:** INSAAM

**Universe Description:**

---

**Name:** INSBAM

**SAS Name:** INSBAM

**Universe Description:**

---

**Name:** INSCAM

**SAS Name:** INSCAM

**Universe Description:**

---

**Name:** DRIVEAM

**SAS Name:** DRIVEAM

**Universe Description:**

---

**Name:** FENCEAM

**SAS Name:** FENCEAM

**Universe Description:**

---

**Name:** PATIOAM

**SAS Name:** PATIOAM

**Universe Description:**

---

**Name:** POOLAM

**SAS Name:** POOLAM

**Universe Description:**

---

**Name:** SHEDAM

**SAS Name:** SHEDAM

**Universe Description:**

---

**Name:** OUTAAM

**SAS Name:** OUTAAM

**Universe Description:**

---



**Name:** OUTBAM  
**SAS Name:** OUTBAM  
**Universe Description:**

---

**Name:** OUTCAM  
**SAS Name:** OUTCAM  
**Universe Description:**

---

**Name:** HMR\_INTRO  
**SAS Name:**  
**Universe Description:** REG OCC INTERVIEW, OWNER-OCCUPIED UNITS

**Question Text:** The next questions are about work done to your home.

Enter 1 to continue.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If HMR\_INTRO <> empty  
CSTMNT

---

**Name:** CSTMNT  
**SAS Name:** CSTMNT  
**Universe Description:** IF REG INTERVIEW AND OWNER-OCCUPIED

**Question Text:** 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.  
Enter a numeric value between 0 and 9998.

**Skip Instructions:** IF CSTMNT = 0..9998, Dk, Rf  
HINTRO2

---

**Name:** HINTRO2  
**SAS Name:**  
**Universe Description:** ALL REGULAR INTERVIEW, OWNER OCCUPIED UNITS

**Question Text:** The next series of questions deal with only home remodeling and major improvements and replacements in the last two years. DO NOT include routine minor work such as painting or fixing a broken water pipe. Also

DO NOT include work such as decorating or landscaping.

Enter 1 to continue.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** HINTRO2 = Enter 1 to continue  
MAJDIS

---

**Name:** MAJDIS

**SAS Name:** MAJDIS

**Universe Description:** ALL REGULAR INTERVIEW, OWNER OCCUPIED UNITS

**Question Text:** In the last two years, has there been a MAJOR disaster, such as an earthquake or tornado that required you to make extensive repairs to your home?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF MAJDIS = YES  
TYPDIS  
IF MAJDIS = NO, DK, RF  
UNFINIS

---

**Name:** TYPDIS

**SAS Name:** TYPDIS

**Universe Description:** unit involved in a major disaster

**Question Text:** What happened?

Mark (X) all that apply.

**Answer List:** Disasters

| Value: | Mnemonic: | Description:             |
|--------|-----------|--------------------------|
| 1      |           | Earthquake               |
| 2      |           | Tornado, hurricane, etc. |
| 3      |           | Landslide                |
| 4      |           | Lightning or fire        |
| 5      |           | Flood                    |
| 6      |           | Other, specify           |

**Skip Instructions:** TYPDIS = Other, specify

DISASP

TYPDIS = Earthquake, Tornado, hurricane, etc, Landslide, Lightning or fire, Flood

DISRPA

TYPDIS = Dk, Ref

HINTRO3

**Name:** DISASP

**SAS Name:** DISASP

**Universe Description:** cases with "other, specify" in TYPDIS

**Question Text:** Specify type of other disaster

**Skip Instructions:** DISASP <> empty

DISRPA

**Name:** DISRPA

**SAS Name:** DISRPA

**Universe Description:** All units reporting any type of disaster damage

**Question Text:** What major repairs were being/are being made?

Enter one job per screen or "N" for no more jobs.

**Skip Instructions:** DISRPA = N or DISRPA = Dk or DISRPA = Rf

ERR\_DISRPA

DISRPA <> empty and DISRPA <> N and DISRPA <> Dk and DISRPA <> Rf

DISRPB

**Name:** DISRPB

**SAS Name:** DISRPB

**Universe Description:** units with at least 1 disaster repair job

**Question Text:** (What major repairs were being/are being made?)

Enter second disaster repair job or, enter "N" for no more jobs.

**Skip Instructions:** (DISRPB = N or DISRPB = Dk or DISRPB = Rf) and (CDEPSTAT <> 1 or (I\_DISRPA = missing and I\_DISRPB = missing and I\_DISRPC = missing))  
DISRPWK  
DISRPB <> N and DISRPB <> Dk and DISRPB <> Rf and DISRPB <> missing  
DISRPC  
(DISRPB = N or DISRPB = Dk or DISRPB = Rf) and CDEPSTAT = 1 and (I\_DISRPA <> missing or I\_DISRPB <> missing or I\_DISRPC <> missing)  
DISREPB

**Name:** DISRPC

**SAS Name:** DISRPC

**Universe Description:** units with at least 2 disaster repair jobs

**Question Text:** (What major repairs were being/are being made?)

Enter third disaster repair job or, enter "N" for no more jobs.

**Skip Instructions:** If CDEPSTAT <> 1 or (I\_DISRPA = missing and I\_DISRPB = missing and I\_DISRPC = missing)  
DISRPWK  
If CDEPSTAT = 1 and (I\_DISRPA <> missing or I\_DISRPB <> missing or I\_DISRPC <> missing)  
DISREPB

**Name:** DISREPB

**SAS Name:** DISREPB

**Universe Description:** unit with 1 or more current disaster jobs and 1 or more prior year disaster jobs and eligible for dependency

**Question Text:** Possible duplicate job from last interview.

In ^pymonth ^pyyear, we recorded the following disaster repair work:

^disaster1

^disaster2

^disaster3

Is this the same disaster repair work, OR is it a different job?

**Answer List:** Same\_job

| Value: | Mnemonic: | Description:                    |
|--------|-----------|---------------------------------|
| 1      |           | Yes, same job as last interview |
| 2      |           | No, different job               |

**Skip Instructions:** If DISREPB = Yes, same job as last interview  
HINTRO3  
If DISREPB = No, different job or DISREPB = Dk, or DISREPB = Rf

DISRPWK

---

**Name:** DISRPWK

**SAS Name:** DISRPWK

**Universe Description:** if unit has major disaster that is not a duplicate of a previous year's job

**Question Text:** Did someone in your household do most of the work?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If DISRPWK = Yes, or No, or Dk, or Rf  
DISRPAM

---

**Name:** DISRPAM

**SAS Name:** DISRPAM

**Universe Description:** units with a disaster repair regardless of type of worker

**Question Text:** How much did the entire disaster repair job cost, including your costs and any amount covered by insurance, not counting your time?

Enter a numeric value of either 0, or between 2 and 999998

**Skip Instructions:** If DISRPAM <> missing  
HINTRO3

---

**Name:** HINTRO3

**SAS Name:**

**Universe Description:** units where a major disaster was reported, regardless of type or if a duplicate job

**Question Text:** In the next questions, please do not include any part of the MAJOR disaster work already reported because I have already recorded that information.

Enter 1 to continue.

**Answer List:** Continue

---

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | Enter 1 to continue |

---

**Skip Instructions:** If HINTRO3 = 1

UNFINIS

---

**Name:** UNFINIS

**SAS Name:** UNFINIS

**Universe Description:** units with a major disaster or not (equivalent of ISTATUS = 1 and TENURE = 1)

**Question Text:** In the last two years, was any work done to the attic, ^basement\_hmr, garage, or other unfinished area of your home to make it a finished room?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If UNFINIS = No, Dk, or Rf  
ADDITON  
If UNFINIS = Yes  
NWROOM

---

**Name:** NWROOM

**SAS Name:** NWROOM

**Universe Description:** units reporting job finishing a room

**Question Text:** What kind of room(s) were created?

Enter all that apply.

**Answer List:** unfinished\_rooms

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Bedroom             |
| 2             |                  | Bathroom            |
| 3             |                  | Recreation room     |
| 4             |                  | Other room          |

---

**Skip Instructions:** If NWROOM = Bedroom, Bathroom, Recreation room, Other room, Dk, or Rf  
ADDITON

---

**Name:** ADDITON

**SAS Name:** ADDITON

**Universe Description:** units with or without job finishing unfinished areas (same as owner-occupied units)

**Question Text:** In the last two years, were any ROOM ADDITIONS built onto your home that made it bigger?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ADDITON = yes  
ADROOM  
If (ADDITON = no, or Dk, or Rf) and STYPE <> 3  
BULTOUT  
If (ADDITON = no, or Dk, or Rf) and STYPE = 3  
BTHKIT

---

**Name:** ADROOM  
**SAS Name:** ADROOM  
**Universe Description:** units with room addition jobs

**Question Text:** What was added?

Enter all that apply.

**Answer List:** addition\_rooms

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Bedroom             |
| 2             |                  | Bathroom            |
| 3             |                  | Kitchen             |
| 4             |                  | Other room addition |

---

**Skip Instructions:** ADROOM <> missing and STYPE <> 3  
BULTOUT  
ADROOM <> missing and STYPE = 3  
BTHKIT

---

**Name:** BULTOUT  
**SAS Name:** BULTOUT  
**Universe Description:** units 1-detached, 1-attached and mobile homes regardless of whether room addition done  
(same as: Owner occupied units except those in multiunit structures)

**Question Text:** Was anything ^else\_hmr built onto the outside of your home, such as an attached garage, carport, deck, or porch?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If BULTOUT = Yes  
EXTADD  
If BULTOUT = No, or Dk, or Rf  
BTHKIT

---

**Name:** EXTADD

**SAS Name:** EXTADD

**Universe Description:** owner occupied units in 1-detached, 1-attached or mobile homes reporting exterior additions to the unit

**Question Text:** What was built?

Enter all that apply.

**Answer List:** external\_job

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>    |
|---------------|------------------|------------------------|
| 1             |                  | Attached garage        |
| 2             |                  | Porch                  |
| 3             |                  | Deck                   |
| 4             |                  | Carport                |
| 5             |                  | Other outside addition |

---

**Skip Instructions:** If EXTADD <> missing  
BTHKIT

---

**Name:** BTHKIT

**SAS Name:** BTHKIT

**Universe Description:** single-family units with or without added rooms or external additions and multiunits with or without added rooms (same as owner-occupied units)

**Question Text:** Was your bathroom or kitchen remodeled in the last two years? By remodeling, we mean SUBSTANTIAL changes to the room Do not count jobs that were just painting or papering.

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |

---



**Skip Instructions:** If BTHKIT = Yes  
BKROOM  
If BTHKIT = No, or Dk, or Rf  
RENALT

**Name:** BKROOM

**SAS Name:** BKROOM

**Universe Description:** units reporting a bathroom or kitchen remodeling job

**Question Text:** Which rooms?

Enter all that apply.

**Answer List:** remodelling\_rooms

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Bathroom(s)  |
| 2      |           | Kitchen      |

**Skip Instructions:** If BKROOM <> missing  
RENALT

**Name:** RENALT

**SAS Name:** RENALT

**Universe Description:** units with or without a remodelling job (same as: Owner occupied units)

**Question Text:** Did you renovate or alter any other rooms by changing their structure,  
that is moving, adding, or removing walls?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If RENALT = yes  
RENROOM  
If RENALT = no, or Dk, or Rf  
HINTRO4

**Name:** RENROOM

**SAS Name:** RENROOM

**Universe Description:** Owner occupied units with a renovation job

**Question Text:** What rooms resulted?

Enter all that apply.

**Answer List:** renovate\_room

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Bedroom(s)          |
| 2             |                  | Bathroom(s)         |
| 3             |                  | Other room          |

---

**Skip Instructions:** If RENROOM <> missing  
HINTRO4

---

**Name:** HINTRO4

**SAS Name:**

**Universe Description:** units with or without a renovation job (same as: Owner occupied units)

**Question Text:** Next are questions about OTHER work you may have done to your home in the last two years. We are only interested in jobs that were MAJOR alterations or improvements, such as rewiring, a new roof, new windows or doors. Do NOT include minor repairs or other routine maintenance.  
^already\_reported\_hmr.

Enter 1 to continue.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If HINTRO4 = 1  
ROOF

---

**Name:** ROOF

**SAS Name:** ROOF

**Universe Description:** all units from HINTRO4 (same as: Owner occupied units)

**Question Text:** Have you added or replaced any of the following:  
  
roofing?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |     |
|---|-----|
| 1 | Yes |
| 2 | No  |

**Skip Instructions:** If ROOF <> empty  
SIDING

**Name:** SIDING

**SAS Name:** SIDING

**Universe Description:** Owner occupied units, all responses from ROOF

**Question Text:** (Have you added or replaced any of the following:)

siding?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If SIDING <> missing  
DOORWIN

**Name:** DOORWIN

**SAS Name:** DOORWIN

**Universe Description:** owner occupied units with any entry in SIDING

**Question Text:** (Have you added or replaced any of the following:)

doors or windows?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If DOORWIN <> missing  
INSULAT

**Name:** INSULAT

**SAS Name:** INSULAT

**Universe Description:** Owner occupied units with some entry in DOORWIN

**Question Text:** (Have you added or replaced any of the following:)

insulation?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If INSULAT <> missing  
WTRPIPE

---

**Name:** WTRPIPE

**SAS Name:** WTRPIPE

**Universe Description:** Owner occupied units with some entry in INSULAT

**Question Text:** (Have you added or replaced any of the following:)

interior water pipes?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If WTRPIPE <> missing  
PLUMFXT

---

**Name:** PLUMFXT

**SAS Name:** PLUMFXT

**Universe Description:** owner occupied units with entry in WTRPIPE

**Question Text:** (Have you added or replaced any of the following:)

plumbing fixtures, such as sinks or bathtubs?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If PLUMFXT <> missing

WIRING

---

**Name:** WIRING

**SAS Name:** WIRING

**Universe Description:** owner occupied units with PLUMFXT entry

**Question Text:** (Have you added or replaced any of the following:)

electrical wiring, fuse boxes, breaker panels or built-in lighting?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If WIRING <> missing  
SECURE

---

**Name:** SECURE

**SAS Name:** SECURE

**Universe Description:** owner occupied units where WIRING has an entry

**Question Text:** (Have you added or replaced any of the following:)

security systems?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If SECURE <> missing  
CARPET

---

**Name:** CARPET

**SAS Name:** CARPET

**Universe Description:** owner occupied units where SECURE has an entry

**Question Text:** In the last two years, have you installed any wall-to-wall carpeting?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If CARPET <> missing  
FLOORIN

**Name:** FLOORIN

**SAS Name:** FLOORIN

**Universe Description:** owner occupied units with entry in CARPET

**Question Text:** (In the last two years, have you installed any)

other floorings, such as hardwood, tile, marble or vinyl?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If FLOORIN <> missing  
PANELIN

**Name:** PANELIN

**SAS Name:** PANELIN

**Universe Description:** owner occupied units with entry in FLOORIN

**Question Text:** (In the last two years, have you installed any)

paneling, ceiling tiles or drywall?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If PANELIN <> missing  
HINTRO5

**Name:** HINTRO5

**SAS Name:**

**Universe Description:** owner occupied units with an entry in PANELIN

**Question Text:** The following questions are about equipment in your home. Do not include work already reported because we don't want to count jobs twice.

Enter 1 to continue

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If HINTRO5 = 1  
CENAIR

---

**Name:** CENAIR

**SAS Name:** CENAIR

**Universe Description:** owner occupied units

**Question Text:** In the last two years, have you added or replaced central air conditioning?

(Do not include heat pumps)

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If CENAIR <> empty  
HEATEQU

---

**Name:** HEATEQU

**SAS Name:** HEATEQU

**Universe Description:** owner occupied units with entry in CENAIR

**Question Text:** (In the last two years, have you added or replaced)

built-in heating equipment, such as a furnace, heat pump, boiler, duct work or radiators?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |

---

---

2

No

---

**Skip Instructions:** If HEATEQU <> empty  
SEPTIC

---

**Name:** SEPTIC

**SAS Name:** SEPTIC

**Universe Description:** owner occupied units with entry in HEATEQU

**Question Text:** (In the last two years, have you added or replaced)  
  
a septic tank?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** If SEPTIC <> empty  
WTRHTR

---

**Name:** WTRHTR

**SAS Name:** WTRHTR

**Universe Description:** owner occupied units with entry in SEPTIC

**Question Text:** (In the last two years, have you added or replaced)  
  
a water heater?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** If WTRHTR <> empty  
DSHWSHR

---

**Name:** DSHWSHR

**SAS Name:** DSHWSHR

**Universe Description:** owner occupied units with entry in WTRHTR

**Question Text:** (In the last two years, have you added or replaced)



a built-in dishwasher?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If DSHWSHR <> empty  
DSPOSAL

---

**Name:** DSPOSAL

**SAS Name:** DSPOSAL

**Universe Description:** owner occupied units with entry in DSHWSHR

**Question Text:** (In the last two years, have you added or replaced)

a garbage disposal?

**Answer List:** YesNo

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| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If DSPOSAL <> empty  
MSINSID

---

**Name:** MSINSID

**SAS Name:** MSINSID

**Universe Description:** owner occupied units with an entry in DSPOSAL

**Question Text:** Did we miss any other MAJOR remodeling, improvement or replacement jobs done INSIDE your home in the last two years? Do not include minor repairs, painting or wallpapering.

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If MSINSID <> Yes and STYPE <> 3  
DRIVEWY  
If MSINSID = Yes

MISINA

If MSINSID <> Yes and STYPE = 3 and [(MAJDIS = Yes and UNFINIS <> Yes and ADDITON <> Yes and BTHKIT <> Yes and RENALT <> Yes) or (MAJDIS <> Yes and ((NWROOM = Dk or Ref) or (ADROOM = Dk or Ref) or (BKROOM = Dk or Ref) or (RENROOM = Dk or Ref)) and NWROOM <> Bedroom and NWROOM <> Bathroom and NWROOM <> Recreation room and NWROOM <> Other room and ADROOM <> Bedroom and ADROOM <> Bathroom and ADROOM <> Kitchen and ADROOM <> Other room addition and BKROOM <> Bathroom(s) and BKROOM <> Kitchen and RENROOM <> Bedroom(s) and RENROOM <> Bathroom(s) and RENROOM <> Other room)] and (ROOF <> Yes and SIDING <> Yes and DOORWIN <> Yes and INSULAT <> Yes and WTRPIPE <> Yes and PLUMFXT <> Yes and WIRING <> Yes and SECURE <> Yes and CARPET <> Yes and FLOORIN <> Yes and PANELIN <> Yes and CENAIR <> Yes and HEATEQU <> Yes and SEPTIC <> Yes and WTRHTR <> Yes and DSHWSHR <> Yes and DSPOSAL <> Yes)

SUBFIX

If MSINSID <> Yes and STYPE = 3 and MAJDIS <> Yes and UNFINIS <> Yes and ADDITON <> Yes and BTHKIT <> Yes and RENALT <> Yes and ROOF <> Yes and SIDING <> Yes and DOORWIN <> Yes and INSULAT <> Yes and WTRPIPE <> Yes and PLUMFXT <> Yes and WIRING <> Yes and SECURE <> Yes and CARPET <> Yes and FLOORIN <> Yes and PANELIN <> Yes and CENAIR <> Yes and HEATEQU <> Yes and SEPTIC <> Yes and WTRHTR <> Yes and DSHWSHR <> Yes and DSPOSAL <> Yes

HMR\_END

If MSINSID <> Yes and STYPE = 3 and (NWROOM = Bedroom or NWROOM = Bathroom or NWROOM = Recreation room or NWROOM = Other room or ADROOM = Bedroom or ADROOM = Bathroom or ADROOM = Kitchen or ADROOM = Other room addition or BKROOM = Bathroom(s) or BKROOM = Kitchen or RENROOM = Bedroom(s) or RENROOM = Bathroom(s) or RENROOM = Other room or ROOF = Yes or SIDING = Yes or DOORWIN = Yes or INSULAT = Yes or WTRPIPE = Yes or PLUMFXT = Yes or WIRING = Yes or SECURE = Yes or CARPET = Yes or FLOORIN = Yes or PANELIN = Yes or CENAIR = Yes or HEATEQU = Yes or SEPTIC = Yes or WTRHTR = Yes or DSHWSHR = Yes or DSPOSAL = Yes)

INTROJOB

---

**Name:** MISINA

**SAS Name:** MISINA

**Universe Description:** owner occupied units with an other inside job reported

**Question Text:** What was the job?

Enter one job per screen or "N" for no more jobs.

**Skip Instructions:** If MISINA <> empty and MISINA <> N and MISINA <> Dk and MISINA <> Rf  
MISINB  
If MISINA = N or MISINA = Dk or MISINA = Rf  
ERR\_MISINA

---

**Name:** MISINB

**SAS Name:** MISINB

**Universe Description:** owner occupied units with more than 1 other inside jobs

**Question Text:** (What was the job?)

Enter one job per block or "N" for no more jobs.

**Skip Instructions:** If MISINB <> empty and MISINB <> N and MISINB <> Dk and MISINB <> Rf  
MISINC  
If (MISINB = N or MISINB = Dk or MISINB = Rf) and STYPE <> 3  
DRIVEWY  
If (MISINB = N or MISINB = Dk or MISINB = Rf) and STYPE = 3  
INTROJOB

---

**Name:** MISINC

**SAS Name:** MISINC

**Universe Description:** owner occupied units with at least 2 other inside jobs reported

**Question Text:** (What was the job?)

Enter one job per block or "N" for no more jobs.

**Skip Instructions:** If STYPE <> 3  
DRIVEWY  
If STYPE = 3  
INTROJOB

---

**Name:** DRIVEWY

**SAS Name:** DRIVEWY

**Universe Description:** owner occupied detached, attached or mobile homes

**Question Text:** Now, about work done to your LOT or YARD, in the last two years, have you added or replaced driveways or walkways?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If DRIVEWY <> empty  
FENCE

---

**Name:** FENCE

**SAS Name:** FENCE

**Universe Description:** owner occupied detached, attached and mobile homes

**Question Text:** (In the last two years, have you added or replaced:)

fencing or walls?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If FENCE <> empty  
PATIO

---

**Name:** PATIO

**SAS Name:** PATIO

**Universe Description:** owner occupied detached, attached or mobile homes

**Question Text:** (In the last two years, have you added or replaced:)

a patio, terrace, or a detached deck?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If PATIO <> empty  
POOL

---

**Name:** POOL

**SAS Name:** POOL

**Universe Description:** owner occupied detached, attached or mobile homes

**Question Text:** (In the last two years, have you added or replaced:)

a swimming pool, tennis court, or other recreational structure?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |

---

---

2

No

---

**Skip Instructions:** If POOL <> empty  
SHED

---

**Name:** SHED

**SAS Name:** SHED

**Universe Description:** owner occupied detached, attached or mobile homes

**Question Text:** (In the last two years, have you added or replaced:)

a shed, detached garage, or other building?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

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|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

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**Skip Instructions:** If SHED <> empty  
MISSOUT

---

**Name:** MISSOUT

**SAS Name:** MISSOUT

**Universe Description:** owner occupied detached, attached or mobile homes

**Question Text:** Did we miss any other MAJOR remodeling, improvement or replacement jobs done to your LOT or YARD in the last two years? Do not include minor repairs, landscaping or painting.

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

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**Skip Instructions:** If MISSOUT = Yes  
MISOUTA

If MISSOUT <> Yes and [(MAJDIS = Yes and UNFINIS <> Yes and ADDITON <> Yes and BULTOUT <> Yes and BTHKIT <> Yes and RENALT <> Yes) or (MAJDIS <> Yes and ((NWROOM = Dk or NWROOM = Rf) or (ADROOM = Dk or ADROOM = Rf) or (EXTADD = Dk or EXTADD = Rf) or (BKROOM = Dk or BKROOM = Rf) or (RENROOM = Dk or RENROOM = Rf)) and NWROOM <> Bedroom and NWROOM <> Bathroom and NWROOM <> Recreation room and NWROOM <> Other room and ADROOM <> Bedroom and ADROOM <> Bathroom and ADROOM <> Kitchen and ADROOM <> Other room addition and EXTADD <> Attached garage and EXTADD

<> Porch and EXTADD <> Deck and EXTADD <> Carport and EXTADD <> Other outside addition and BKROOM <> Bathroom(s) and BKROOM <> Kitchen and RENROOM <> Bedroom(s) and RENROOM <> Bathroom(s) and RENROOM <> Other room)] and (ROOF <> Yes and SIDING <> Yes and DOORWIN <> Yes and INSULAT <> Yes and WTRPIPE <> Yes and PLUMFXT <> Yes and WIRING <> Yes and SECURE <> Yes and CARPET <> Yes and FLOORIN <> Yes and PANELIN <> Yes and CENAIR <> Yes and HEATEQU <> Yes and SEPTIC <> Yes and WTRHTR <> Yes and DSHWSHR <> Yes and DSPOSAL <> Yes and MSINSID <> Yes and DRIVEWY <> Yes and FENCE <> Yes and PATIO <> Yes and POOL <> Yes and SHED <> Yes)

SUBFIX

MISSOUT <> Yes and (NWROOM = Bedroom or NWROOM = Bathroom or NWROOM = Recreation room or NWROOM = Other room or ADROOM = Bedroom or ADROOM = Bathroom or ADROOM = Kitchen or ADROOM = Other room addition or BKROOM = Bathroom(s) or BKROOM = Kitchen or RENROOM = Bedroom(s) or RENROOM = Bathroom(s) or RENROOM = Other room or EXTADD = Attached garage or EXTADD = Porch or EXTADD = Deck or EXTADD = Carport or EXTADD = Other outside addition or ROOF = Yes or SIDING = Yes or DOORWIN = Yes or INSULAT = Yes or WTRPIPE = Yes or PLUMFXT = Yes or WIRING = Yes or SECURE = Yes or CARPET = Yes or FLOORIN = Yes or PANELIN = Yes or CENAIR = Yes or HEATEQU = Yes or SEPTIC = Yes or WTRHTR = Yes or DSHWSHR = Yes or DSPOSAL = Yes or MSINSID = Yes or DRIVEWY = Yes or FENCE = Yes or PATIO = Yes or POOL = Yes or SHED = Yes)

INTROJOB

If MISSOUT <> Yes and MAJDIS <> Yes and UNFINIS <> Yes and ADDITON <> Yes and BULTOUT <> Yes and BTHKIT <> Yes and RENALT <> Yes and ROOF <> Yes and SIDING <> Yes and DOORWIN <> Yes and INSULAT <> Yes and WTRPIPE <> Yes and PLUMFXT <> Yes and WIRING <> Yes and SECURE <> Yes and CARPET <> Yes and FLOORIN <> Yes and PANELIN <> Yes and CENAIR <> Yes and HEATEQU <> Yes and SEPTIC <> Yes and WTRHTR <> Yes and DSHWSHR <> Yes and DSPOSAL <> Yes and MSINSID <> Yes and DRIVEWY <> Yes and FENCE <> Yes and PATIO <> Yes and POOL <> Yes and SHED <> Yes and MISSOUT <> Yes

HMR\_END

---

**Name:** MISOUTA

**SAS Name:** MISOUTA

**Universe Description:** owner occupied units with other outside jobs in detached, attached or mobile homes

**Question Text:** What was the job?

Enter one job per screen or "N" for no more jobs.

**Skip Instructions:** If MISOUTA <> empty and MISOUTA <> Dk and MISOUTA <> Rf and MISOUTA <> N

MISOUTB

If MISOUTA = N or MISOUTA = Dk or MISOUTA = Rf

ERR\_MISOUTA

---

**Name:** MISOUTB

**SAS Name:** MISOUTB

**Universe Description:** owner occupied units with at least one other outside job

**Question Text:** (What was the job?)

Enter one job per screen or "N" for no more jobs.

**Skip Instructions:** If MISOUTB <> empty and MISOUTB <> Dk and MISOUTB <> Rf and MISOUTB <> N  
MISOUTC  
If MISOUTB = N or MISOUTB = Dk or MISOUTB = Rf  
INTROJOB

**Name:** MISOUTC

**SAS Name:** MISOUTC

**Universe Description:** owner occupied units with at least two other outside jobs

**Question Text:** (What was the job?)

Enter one job per screen or "N" for no more jobs.

**Skip Instructions:** If MISOUTC <> empty  
INTROJOB

**Name:** INTROJOB

**SAS Name:**

**Universe Description:** owner occupied unit with 1 or more specific jobs done

**Question Text:** ^Earlier\_job\_type

Enter "1" to continue.

**Answer List:** Continue

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | Enter 1 to continue |

**Skip Instructions:** Roster pass is for NWROOM = Bedroom: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_NWBED = X  
JOB  
Roster pass is for NWROOM = Bedroom: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_NWBED <> X or REPLHH = 1)  
JOBWK  
Roster pass is for NWROOM = Bathroom: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_NWBTH = X  
JOB

Roster pass is for NWROOM = Bathroom: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_NWBTH <> X or REPLHH = 1)  
JOBWK  
Roster pass is for NWROOM = Recreation room: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_NWREC = X  
JOBW  
Roster pass is for NWROOM = Recreation room: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_NWREC <> X or REPLHH = 1)  
JOBWK  
Roster pass is for NWROOM = Other room: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_NWOTH = X  
JOBW  
Roster pass is for NWROOM = Other room: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_NWOTH <> X or REPLHH = 1)  
JOBWK  
Roster pass is for ADROOM = Bedroom: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_ADDBED = X  
JOBW  
Roster pass is for ADROOM = Bedroom: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_ADDBED <> X or REPLHH = 1)  
JOBWK  
Roster pass is for ADROOM = Bathroom: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_ADDBTH = X  
JOBW  
Roster pass is for ADROOM = Bathroom: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_ADDBTH <> X or REPLHH = 1)  
JOBWK  
Roster pass is for ADROOM = Kitchen: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_ADDKIT = X  
JOBW  
Roster pass is for ADROOM = Kitchen: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_ADDKIT <> X or REPLHH = 1)  
JOBWK  
Roster pass is for ADROOM = Other room addition: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_ADDOTH = X  
JOBW  
Roster pass is for ADROOM = Other room addition: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_ADDOTH <> X or REPLHH = 1)  
JOBWK  
Roster pass is for EXTADD = Attached garage: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_GARAG = X  
JOBW  
Roster pass is for EXTADD = Attached garage: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_GARAG <> X or REPLHH = 1)  
JOBWK  
Roster pass is for EXTADD = Porch: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_PRCH = X  
JOBW  
Roster pass is for EXTADD = Porch: INTROJOB = Enter 1 to continue and



(CDEPSTAT <> 1 or I\_PRCH <> X or REPLHH = 1)

JOBWK

Roster pass is for EXTADD = Deck: INTROJOB = Enter 1 to continue and  
CDEPSTAT = 1 and REPLHH <> 1 and I\_DECK = X

JOBB

Roster pass is for EXTADD = Deck: INTROJOB = Enter 1 to continue and  
(CDEPSTAT <> 1 or I\_DECK <> X or REPLHH = 1)

JOBWK

Roster pass is for EXTADD = Carport: INTROJOB = Enter 1 to continue and  
CDEPSTAT = 1 and REPLHH <> 1 and I\_CARPORT = X

JOBB

Roster pass is for EXTADD = Carport: INTROJOB = Enter 1 to continue and  
(CDEPSTAT <> 1 or I\_CARPORT <> X or REPLHH = 1)

JOBWK

Roster pass is for EXTADD = Other outside addition: INTROJOB = Enter 1 to  
continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_OTHOUT = X

JOBB

Roster pass is for EXTADD = Other outside addition: INTROJOB = Enter 1 to  
continue and (CDEPSTAT <> 1 or I\_OTHOUT <> X or REPLHH = 1)

JOBWK

Roster pass is for BKROOM = Bathroom(s): INTROJOB = Enter 1 to continue and  
CDEPSTAT = 1 and REPLHH <> 1 and I\_BTHROOM = X

JOBB

Roster pass is for BKROOM = Bathroom(s): INTROJOB = Enter 1 to continue and  
(CDEPSTAT <> 1 or I\_BTHROOM <> X or REPLHH = 1)

JOBWK

Roster pass is for BKROOM = Kitchen: INTROJOB = Enter 1 to continue and  
CDEPSTAT = 1 and REPLHH <> 1 and I\_KITCHN = X

JOBB

Roster pass is for BKROOM = Kitchen: INTROJOB = Enter 1 to continue and  
(CDEPSTAT <> 1 or I\_KITCHN <> X or REPLHH = 1)

JOBWK

Roster pass is for RENROOM = Bedroom(s): INTROJOB = Enter 1 to continue and  
CDEPSTAT = 1 and REPLHH <> 1 and I\_RENBEDR = X

JOBB

Roster pass is for RENROOM = Bedroom(s): INTROJOB = Enter 1 to continue and  
(CDEPSTAT <> 1 or I\_RENBEDR <> X or REPLHH = 1)

JOBWK

Roster pass is for RENROOM = Bathroom(s): INTROJOB = Enter 1 to continue and  
CDEPSTAT = 1 and REPLHH <> 1 and I\_RENBTH = X

JOBB

Roster pass is for RENROOM = Bathroom(s): INTROJOB = Enter 1 to continue and  
(CDEPSTAT <> 1 or I\_RENBTH <> X or REPLHH = 1)

JOBWK

Roster pass is for RENROOM = Other room: INTROJOB = Enter 1 to continue and  
CDEPSTAT = 1 and REPLHH <> 1 and I\_RENOTH = X

JOBB

Roster pass is for RENROOM = Other room: INTROJOB = Enter 1 to continue and  
(CDEPSTAT <> 1 or I\_RENOTH <> X or REPLHH = 1)

JOBWK

Roster pass is for ROOF = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_ROOF = X

JOBB

Roster pass is for ROOF = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_ROOF <> X or REPLHH = 1)

JOBWK

Roster pass is for SIDING = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_SIDING = X

JOBB

Roster pass is for SIDING = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_SIDING <> X or REPLHH = 1)

JOBWK

Roster pass is for DOORWIN = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_DOORWIN = X

JOBB

Roster pass is for DOORWIN = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_DOORWIN <> X or REPLHH = 1)

JOBWK

Roster pass is for INSULAT = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_INSULAT = X

JOBB

Roster pass is for INSULAT = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_INSULAT <> X or REPLHH = 1)

JOBWK

Roster pass is for WTRPIPE = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_WTRPIPE = X

JOBB

Roster pass is for WTRPIPE = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_WTRPIPE <> X or REPLHH = 1)

JOBWK

Roster pass is for PLUMFXT = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_PLUMFXT = X

JOBB

Roster pass is for PLUMFXT = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_PLUMFXT <> X or REPLHH = 1)

JOBWK

Roster pass is for WIRING = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_WIRING = X

JOBB

Roster pass is for WIRING = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_WIRING <> X or REPLHH = 1)

JOBWK

Roster pass is for SECURE = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_SECURE = X

JOBB

Roster pass is for SECURE = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_SECURE <> X or REPLHH = 1)

JOBWK

Roster pass is for CARPET = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_CARPET = X

JOB

Roster pass is for CARPET = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_CARPET <> X or REPLHH = 1)

JOBWK

Roster pass is for FLOORIN = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_FLOORIN = X

JOB

Roster pass is for FLOORIN = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_FLOORIN <> X or REPLHH = 1)

JOBWK

Roster pass is for PANELIN = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_PANELIN = X

JOB

Roster pass is for PANELIN = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_PANELIN <> X or REPLHH = 1)

JOBWK

Roster pass is for CENAIR = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_CENAIR = X

JOB

Roster pass is for CENAIR = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_CENAIR <> X or REPLHH = 1)

JOBWK

Roster pass is for HEATEQU = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_HEATEQU = X

JOB

Roster pass is for HEATEQU = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_HEATEQU <> X or REPLHH = 1)

JOBWK

Roster pass is for SEPTIC = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_SEPTIC = X

JOB

Roster pass is for SEPTIC = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_SEPTIC <> X or REPLHH = 1)

JOBWK

Roster pass is for WTRHTR = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_WTRHTR = X

JOB

Roster pass is for WTRHTR = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_WTRHTR <> X or REPLHH = 1)

JOBWK

Roster pass is for DSHWSHR = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_DSHWSHR = X

JOB

Roster pass is for DSHWSHR = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_DSHWSHR <> X or REPLHH = 1)

JOBWK

Roster pass is for DSPOSAL = Yes: INTROJOB = Enter 1 to continue and

CDEPSTAT = 1 and REPLHH <> 1 and I\_DSPOSAL = X

JOBB

Roster pass is for DSPOSAL = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_DSPOSAL <> X or REPLHH = 1)

JOBWK

Roster pass is for MISINA <> empty and MISINA <> Dk and MISINA <> Ref and MISINA <> N: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and [(I\_MISINA <> empty and I\_MISINA <> D and I\_MISINA <> R and I\_MISINA <> N) or (I\_MISINB <> empty and I\_MISINB <> D and I\_MISINB <> R and I\_MISINB <> N) or (I\_MISINC <> empty and I\_MISINC <> D and I\_MISINC <> R and I\_MISINC <> N)]

JOBB

Roster pass is for MISINA <> empty and MISINA <> Dk and MISINA <> Ref and MISINA <> N: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or [(I\_MISINA = empty or I\_MISINA = D or I\_MISINA = R or I\_MISINA = N) and (I\_MISINB = empty or I\_MISINB = D or I\_MISINB = R or I\_MISINB = N) and (I\_MISINC = empty or I\_MISINC = D or I\_MISINC = R or I\_MISINC = N)] or REPLHH = 1)

JOBWK

Roster pass is for MISINB <> empty and MISINB <> Dk and MISINB <> Ref and MISINB <> N: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and [(I\_MISINA <> empty and I\_MISINA <> D and I\_MISINA <> R and I\_MISINA <> N) or (I\_MISINB <> empty and I\_MISINB <> D and I\_MISINB <> R and I\_MISINB <> N) or (I\_MISINC <> empty and I\_MISINC <> D and I\_MISINC <> R and I\_MISINC <> N)]

JOBB

Roster pass is for MISINB <> empty and MISINB <> Dk and MISINB <> Ref and MISINB <> N: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or [(I\_MISINA = empty or I\_MISINA = D or I\_MISINA = R or I\_MISINA = N) and (I\_MISINB = empty or I\_MISINB = D or I\_MISINB = R or I\_MISINB = N) and (I\_MISINC = empty or I\_MISINC = D or I\_MISINC = R or I\_MISINC = N)] or REPLHH = 1)

JOBWK

Roster pass is for MISINC <> empty and MISINC <> Dk and MISINC <> Ref and MISINC <> N: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and [(I\_MISINA <> empty and I\_MISINA <> D and I\_MISINA <> R and I\_MISINA <> N) or (I\_MISINB <> empty and I\_MISINB <> D and I\_MISINB <> R and I\_MISINB <> N) or (I\_MISINC <> empty and I\_MISINC <> D and I\_MISINC <> R and I\_MISINC <> N)]

JOBB

Roster pass is for MISINC <> empty and MISINC <> Dk and MISINC <> Ref and MISINC <> N: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or [(I\_MISINA = empty or I\_MISINA = D or I\_MISINA = R or I\_MISINA = N) and (I\_MISINB = empty or I\_MISINB = D or I\_MISINB = R or I\_MISINB = N) and (I\_MISINC = empty or I\_MISINC = D or I\_MISINC = R or I\_MISINC = N)] or REPLHH = 1)

JOBWK

Roster pass is for DRIVEWY = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_DRIVEWY = X

JOBB

Roster pass is for DRIVEWY = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_DRIVEWY <> X or REPLHH = 1)

JOBWK

Roster pass is for FENCE = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_FENCE = X

JOBB

Roster pass is for FENCE = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_FENCE <> X or REPLHH = 1)

JOBWK

Roster pass is for PATIO = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_PATIO = X

JOBB

Roster pass is for PATIO = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_PATIO <> X or REPLHH = 1)

JOBWK

Roster pass is for POOL = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_POOL = X

JOBB

Roster pass is for POOL = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_POOL <> X or REPLHH = 1)

JOBWK

Roster pass is for SHED = Yes: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and I\_SHED = X

JOBB

Roster pass is for SHED = Yes: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or I\_SHED <> X or REPLHH = 1)

JOBWK

Roster pass is for MISOUTA <> empty and MISOUTA <> Dk and MISOUTA <> Ref and MISOUTA <> N: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and [(I\_MISOUTA <> empty and I\_MISOUTA <> D and I\_MISOUTA <> R and I\_MISOUTA <> N) or (I\_MISOUTB <> empty and I\_MISOUTB <> D and I\_MISOUTB <> R and I\_MISOUTB <> N) or (I\_MISOUTC <> empty and I\_MISOUTC <> D and I\_MISOUTC <> R and I\_MISOUTC <> N)]

JOBB

Roster pass is for MISOUTA <> empty and MISOUTA <> Dk and MISOUTA <> Ref and MISOUTA <> N: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or [(I\_MISOUTA = empty or I\_MISOUTA = D or I\_MISOUTA = R or I\_MISOUTA = N) and (I\_MISOUTB = empty or I\_MISOUTB = D or I\_MISOUTB = R or I\_MISOUTB = N) and (I\_MISOUTC = empty or I\_MISOUTC = D or I\_MISOUTC = R or I\_MISOUTC = N)] or REPLHH = 1)

JOBWK

Roster pass is for MISOUTB <> empty and MISOUTB <> Dk and MISOUTB <> Ref and MISOUTB <> N: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and REPLHH <> 1 and [(I\_MISOUTA <> empty and I\_MISOUTA <> D and I\_MISOUTA <> R and I\_MISOUTA <> N) or (I\_MISOUTB <> empty and I\_MISOUTB <> D and I\_MISOUTB <> R and I\_MISOUTB <> N) or (I\_MISOUTC <> empty and I\_MISOUTC <> D and I\_MISOUTC <> R and I\_MISOUTC <> N)]

JOBB

Roster pass is for MISOUTB <> empty and MISOUTB <> Dk and MISOUTB <> Ref and MISOUTB <> N: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or [(I\_MISOUTA = empty or I\_MISOUTA = D or I\_MISOUTA = R or I\_MISOUTA = N)

and (I\_MISOUTB = empty or I\_MISOUTB = D or I\_MISOUTB = R or I\_MISOUTB = N)  
and (I\_MISOUTC = empty or I\_MISOUTC = D or I\_MISOUTC = R or I\_MISOUTC = N)] or REPLHH = 1)

JOBWK

Roster pass is for MISOUTC <> empty and MISOUTC <> Dk and MISOUTC <> Ref  
and MISOUTC <> N: INTROJOB = Enter 1 to continue and CDEPSTAT = 1 and  
REPLHH <> 1 and [(I\_MISOUTA <> empty and I\_MISOUTA <> D and I\_MISOUTA  
<> R and I\_MISOUTA <> N) or (I\_MISOUTB <> empty and I\_MISOUTB <> D and  
I\_MISOUTB <> R and I\_MISOUTB <> N) or (I\_MISOUTC <> empty and I\_MISOUTC  
<> D and I\_MISOUTC <> R and I\_MISOUTC <> N)]

JOBB

Roster pass is for MISOUTC <> empty and MISOUTC <> Dk and MISOUTC <> Ref  
and MISOUTC <> N: INTROJOB = Enter 1 to continue and (CDEPSTAT <> 1 or  
[(I\_MISOUTA = empty or I\_MISOUTA = D or I\_MISOUTA = R or I\_MISOUTA = N)  
and (I\_MISOUTB = empty or I\_MISOUTB = D or I\_MISOUTB = R or I\_MISOUTB = N)  
and (I\_MISOUTC = empty or I\_MISOUTC = D or I\_MISOUTC = R or I\_MISOUTC = N)] or REPLHH = 1)

JOBWK

---

**Name:** JOBB

**SAS Name:** JOBB

**Universe Description:** owner occupied units (eligible for dependency)-- excluding replacement households--with the same type job reported in the current and prior year

**Question Text:** ^oldjob\_hmr

Is this the same ^job\_type\_hmr we recorded in ^pymonth, ^pyyear, OR is it a different job?

**Answer List:** Same\_job

---

| Value: | Mnemonic: | Description:                    |
|--------|-----------|---------------------------------|
| 1      |           | Yes, same job as last interview |
| 2      |           | No, different job               |

---

**Skip Instructions:** JOBB = No, different job or JOBB = Dk or JOBB = Rf

JOBWK

JOBB = Yes, same job and further roster passes needed

JOBINTRO (for next roster pass)

JOBB = Yes, same job and no further roster passes needed and (MAJDIS = Yes or UNFINIS = Yes or ADDITON = Yes or BULTOUT = Yes or BTHKIT = Yes or RENALT = Yes or ROOF = Yes or SIDING = Yes or DOORWIN = Yes or INSULAT = Yes or WTRPIPE = Yes or PLUMFXT = Yes or WIRING = Yes or SECURE = Yes or CARPET = Yes or FLOORIN = Yes or PANELIN = Yes or CENAIR = Yes or HEATEQU = Yes or SEPTIC = Yes or WTRHTR = Yes or DSHWSHR = Yes or DSPOSAL = Yes or MSINSID = Yes or DRIVEWY = Yes or FENCE = Yes or PATIO = Yes or POOL = Yes or SHED = Yes or MISSOUT = Yes)

SUBFIX

JOB = Yes, same job and no further roster passes needed and (MAJDIS <> Yes and UNFINIS <> Yes and ADDITON <> Yes and BULTOUT <> Yes and BTHKIT <> Yes and RENALT <> Yes and ROOF <> Yes and SIDING <> Yes and DOORWIN <> Yes and INSULAT <> Yes and WTRPIPE <> Yes and PLUMFXT <> Yes and WIRING <> Yes and SECURE <> Yes and CARPET <> Yes and FLOORIN <> Yes and PANELIN <> Yes and CENAIR <> Yes and HEATEQU <> Yes and SEPTIC <> Yes and WTRHTR <> Yes and DSHWSHR <> Yes and DSPOSAL <> Yes and MSINSID <> Yes and DRIVEWY <> Yes and FENCE <> Yes and PATIO <> Yes and POOL <> Yes and SHED <> Yes and MISSOUT <> Yes)

HMR\_END

**Name:** JOBWK

**SAS Name:** JOBWK

**Universe Description:** owner occupied units with a job that doesn't duplicate a prior year job or the unit not eligible for dependent interviewing on job

**Question Text:** Did someone in your household do most of the work?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** JOBWK <> empty  
JOBAM

**Name:** JOBAMT

**SAS Name:** JOBAMT

**Universe Description:** owner occupied units with a replacement/alteration which isn't a duplicate of a previous survey's job

**Question Text:** How much did the entire ^job\_type\_hmr cost, including your costs and any amount covered by insurance, not counting your time.

Enter a numeric value of either 0, or between 2 and 999998.

Enter 1 if cost of job included in a previously reported amount.

**Skip Instructions:** not the last pass of the roster (e.g. one or more jobs remain)  
JOB  
last pass of the roster (all jobs have been discussed)  
SUBFIX

**Name:** SUBFIX

**SAS Name:** SUBFIX

**Universe Description:** owner-occupied units with 1 or more general jobs reported

**Question Text:** 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?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** SUBFIX <> empty  
HMR\_END

---

**Name:** GATED

**SAS Name:** GATED

**Universe Description:** Regular occupied Interview and no previous information or yes response received in prior enumeration

**Question Text:** The following questions are about your community.

Is your community surrounded by walls or fences preventing access by persons other than residents?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF GATED = 2 AND STYPE = 3 and I\_ACCESSB<>1 THEN  
ACCESSBQ  
IF GATED = 2 AND STYPE = 3 and I\_ACCESSB=1 THEN  
ACCESSBV  
IF GATED = 2 and STYPE <> 3 and (any person has HHMEM = 1 and AGE >= 55)  
and I\_AGERES<>1 then  
AGERESQ  
IF GATED = 2 and STYPE <> 3 and (any person has HHMEM = 1 and AGE >= 55)  
and I\_AGERES=1 then  
AGERESV  
IF GATED = 2 and STYPE <> 3 and (no person with HHMEM = 1 is also AGE>= 55)  
then  
CLUB

---

**Name:** GATEDV



**SAS Name:** GATEDV

**Universe Description:** regular occupied interview, returning household, and yes answer from previous enumeration

**Question Text:** The following questions are about your community.

(Last time) we recorded that your community is surrounded by walls or fences preventing access by persons other than residents.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if GATEDV=1,2,DK,RF and I\_ACCESSC=1 then  
ACCESSCV  
if GATEDV=1,2,DK,RF and I\_ACCESS<>1 then  
ACCESSCQ

---

**Name:** ACCESSC

**SAS Name:** ACCESSC

**Universe Description:** Person lives in a gated community or don't know or refusal from GATED screen and no previous information from last enumeration

**Question Text:** Does access to your community require a special entry system such as entry codes, key cards, or security guard approval?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF ACCESSC = 1,2,DK,RF AND STYPE = 3 and I\_ACCESSB<>1 THEN  
ACCESSBQ  
IF ACCESSC=1,2,DK,RF and STYPE=3 and I\_ACCESSB=1 THEN  
ACCESSBV  
If ACCESSC = 1,2,Dk,Rf and STYPE <> 3 and (no person with HHMEM = 1 and AGE  
>= 55) then  
CLUB  
If ACCESSC = 1,2,Dk,Rf and STYPE <> 3 and (any person with HHMEM = 1 and  
AGE >= 55) and I\_AGERES=1 then  
AGERESV

If ACCESSC = 1,2,Dk,Rf and STYPE <> 3 and (any person with HHMEM = 1 and AGE >= 55) and I\_AGERES<>1 then  
AGERESQ

---

**Name:** ACCESSCV

**SAS Name:** ACCESSCV

**Universe Description:** returning household and yes answer received last enumeration

**Question Text:** (Last time) we recoreded access to your community requires a special entry system such as entry codes, key cards, or security guard approval.

Is this information still correct?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** if ACCESSCV=1,DK,RF and STYPE=3 abd I\_ACCESSB<>1 then  
ACCESSBQ

if ACCESSCV=1,DK,RF and STYPE=3 and I\_ACCESSB=1 then  
ACCESSBV

If ACCESSCV = 1,Dk,Rf and STYPE <> 3 and (no person with HHMEM = 1 and AGE >= 55) then

CLUB

If ACCESSCV = 1,Dk,Rf and STYPE <> 3 and (any person with HHMEM = 1 and AGE >= 55) and I\_AGERES<>1 then

AGERESQ

If ACCESSCV = 1,Dk,Rf and STYPE <> 3 and (any person with HHMEM = 1 and AGE >= 55) and I\_AGERES=1 then

AGERESV

---

**Name:** ACCESSB

**SAS Name:** ACCESSB

**Universe Description:** Reg. Occ. interview and HU is 2 or more units and community is not gated or previous question is answered and no previous yes answer received in prior enumeration

**Question Text:** Does access to your building require a special entry system such as entry codes, key cards, or security guard approval?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

---

|   |     |
|---|-----|
| 1 | Yes |
| 2 | No  |

**Skip Instructions:** If ACCESSB = 1,2,Dk,Rf and (no person with HHMEM = 1 and AGE >= 55) then CLUB  
 If ACCESSB = 1,2,Dk,Rf and (any person with HHMEM = 1 and AGE >= 55) and I\_AGERES<>1 then AGERES  
 If ACCESSB = 1,2,Dk,Rf and (any person with HHMEM = 1 and AGE >= 55) and I\_AGERES=1 then AGERESV

**Name:** ACCESSBV

**SAS Name:** ACCESSBV

**Universe Description:** Reg. Occ. interview and returning HH and HU is 2 or more units and community is not gated or previous question is answered and previous yes answer received in prior enumeration

**Question Text:** (Last time) we recorded access to your building requires a special entry system such as entry codes, key cards, or security guard approval.

Is this information still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If ACCESSBV = 1,2,Dk,Rf and (no person with HHMEM = 1 and AGE >= 55) then CLUB  
 If ACCESSBV = 1,2,Dk,Rf and (any person with HHMEM = 1 and AGE >= 55) and I\_AGERES<>1 then AGERES  
 If ACCESSBV = 1,2,Dk,Rf and (any person with HHMEM = 1 and AGE >= 55) and I\_AGERES=1 then AGERESV

**Name:** AGERES

**SAS Name:** AGERES

**Universe Description:** One or more HH members is age 55 or older and no yes response from previous enumeration

**Question Text:** You mentioned that one or more members of your household are 55 or older. Some communities are age-restricted, meaning that at least one member of the family must

be at least 55 years or older. Is your development age-restricted?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF AGERES = 1 THEN  
CLUB  
IF AGERES = 2, DK, RF THEN  
NORC

---

**Name:** AGERESV

**SAS Name:** AGERESV

**Universe Description:** Regular Occ. interview and returning HH and One or more HH members is age 55 or older and yes response from previous enumeration

**Question Text:** (Last time) we recorded that your development was age-restricted, meaning that at least one member of the family must be at least 55 years or older.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF AGERESV = 1 THEN  
CLUB  
IF AGERESV = 2, DK, RF THEN  
NORC

---

**Name:** NORC

**SAS Name:** NORC

**Universe Description:** Person does not live in age-restricted community and one HH member is 55+

**Question Text:** Sometimes communities that are not age-restricted still attract certain age groups. Do you believe the majority of your neighbors are 55 or over?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** IF NORC = 1, 2, DK, RF THEN  
CLUB

**Name:** CLUB  
**SAS Name:** CLUB  
**Universe Description:** Regular occupied interview

**Question Text:** Are any of the following features included in your community?  
  
Community Center or Clubhouse?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** IF CLUB = 1,2,Dk,Rf and I\_GOLF<>1 then  
GOLF

IF CLUB = 1,2,DK,RF and I\_GOLF=1 then  
TRAILS

**Name:** GOLF  
**SAS Name:** GOLF  
**Universe Description:** Regular occupied interview and no previous "yes" response

**Question Text:** (Are any of the following features included in your community?)  
  
Golf Course?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** IF GOLF = 1,2,DK,RF then  
TRAILS

**Name:** TRAILS

**SAS Name:** TRAILS

**Universe Description:** Regular occupied interview

**Question Text:** (Are any of the following features included in your community?)

Walking/Jogging Trails?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if TRAILS = 1,2,DK,RF then  
SHUTLE

---

**Name:** SHUTLE

**SAS Name:** SHUTLE

**Universe Description:** Regular Occupied Interview

**Question Text:** (Are any of the following features included in your community?)

Shuttle Bus?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF SHUTLE=1,2,DK,RF THEN  
CARE

---

**Name:** CARE

**SAS Name:** CARE

**Universe Description:** Regular Occupied Interview

**Question Text:** (Are any of the following features included in your community?)

Day Care Center?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |     |
|---|-----|
| 1 | Yes |
| 2 | No  |

**Skip Instructions:** IF CARE=1,2,DK,RF THEN  
BEACH

**Name:** BEACH

**SAS Name:** BEACH

**Universe Description:** Regular Occupied Interview

**Question Text:** (Are any of the following features included in your community?)

Beach, Park or Shoreline?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if BEACH = 1,2,DK,RF and NUNITS >= 5 and (any person has HHMEM = 1 and AGE >= 55) then  
MEALS  
if BEACH =1,2,DK,RF and (NUNITS < 5 or (no person has HHMEM = 1 and AGE >= 55)) then  
STRN

**Name:** MEALS

**SAS Name:** MEALS

**Universe Description:** multi-unit building with 5+ units, and one household member age 55 or older

**Question Text:** Some properties offer special services to residents.

Even if you don't personally use them, does the management of this building provide residents with:

Meals?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if MEALS = 1,2,DK,RF then  
TRANSP

---

**Name:** TRANSP

**SAS Name:** TRANSP

**Universe Description:** multi-unit building with 5+ units, and one household member age 55 or older

**Question Text:** (Some properties offer special services to residents. Even if you don't personally use them, does the management of this building provide residents with:)

Transportation?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** if TRANSP= 1,2,DK,RF then  
HOUSKP

---

**Name:** HOUSKP

**SAS Name:** HOUSKP

**Universe Description:** multi-unit building with 5+ units, and one household member age 55 or older

**Question Text:** (Some properties offer special services to residents. Even if you don't personally use them, does the management of this building provide residents with:)

Housekeeping?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** if HOUSKP = 1,2,DK,RF then  
FINMGMT

---

**Name:** FINMGMT

**SAS Name:** FINMGMT

**Universe Description:** multi-unit building with 5+ units, and one household member age 55 or older

**Question Text:** Does the management of this building provide assistance with:  
Managing Finances?



**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if FINMGMT=1,2,DK,RF then  
PHONUUSE

---

**Name:** PHONUUSE

**SAS Name:** PHONUUSE

**Universe Description:** multi-unit building with 5+ units, and one household member age 55 or older

**Question Text:** (Does the management of this building provide assistance with:)

Phone Use?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if PHONUUSE=1,2,DK,RF then  
SHOPNG

---

**Name:** SHOPNG

**SAS Name:** SHOPNG

**Universe Description:** multi-unit building with 5+ units, and one household member age 55 or older

**Question Text:** (Does the management of this building provide assistance with:)

Shopping?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if SHOPNG =1,2,DK,RF and (MEALS=1 or TRANSP=1 or HOUSKP=1 or  
FINMGMT=1 or PHONUUSE=1)then  
BATHNG  
if SHOPNG=2,DK,RF and (MEALS<>1 or TRANSP<>1 or HOUSKP<>1 or  
FINMGMT<>1 or PHONUUSE<>1) then

---

**Name:** BATHNG

**SAS Name:** BATHNG

**Universe Description:** multi-unit building with 5+ units, and one household member age 55 or older and yes response given for meals, transportation, housekeeping, finance management, phone use, or shopping questions

**Question Text:** (Does the management of this building provide assistance with personal care such as:)

Bathing?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** if BATHNG = 1,2,DK,RF then  
EATNG

---

**Name:** EATNG

**SAS Name:** EATNG

**Universe Description:** multi-unit building with 5+ units, and one household member age 55 or older and yes response given for meals, transportation, housekeeping, finance management, phone use, or shopping questions

**Question Text:** (Does the management of this building provide assistance with personal care such as:)

Eating?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** if EATNG = 1,2,DK,RF then  
MOVNG

---

**Name:** MOVNG

**SAS Name:** MOVNG

**Universe Description:** multi-unit building with 5+ units, and one household member age 55 or older and yes

response given for meals, transportation, housekeeping, finance management, phone use, or shopping questions

**Question Text:** (Does the management of this building provide assistance with personal care such as:)

Moving about?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if MOVNG = 1,2,DK,RF then  
DRESNG

---

**Name:** DRESNG

**SAS Name:** DRESNG

**Universe Description:** multi-unit building with 5+ units, and one household member age 55 or older and yes response given for meals, transportation, housekeeping, finance management, phone use, or shopping questions

**Question Text:** (Does the management of this building provide assistance with personal care such as:)

Dressing?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if DRESNG = 1,2,DK,RF then  
TOLTUSE

---

**Name:** TOLTUSE

**SAS Name:** TOLTUSE

**Universe Description:** multi-unit building with 5+ units, and one household member age 55 or older and yes response given for meals, transportation, housekeeping, finance management, phone use, or shopping question

**Question Text:** (Does the management of this building provide assistance with personal care such as:)

Toilet use?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if TOLTUSE = 1,2,DK,RF then  
STRN

---

**Name:** STRN

**SAS Name:** STRN

**Universe Description:** Regular occupied interview

**Question Text:** Now, I am going to ask you a few questions that are more NEIGHBORHOOD specific.

Does your neighborhood have bothersome street noise or heavy traffic?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF STRNA = 1, 2, DK, RF THEN  
ODOR

---

**Name:** ODOR

**SAS Name:** ODOR

**Universe Description:** regular occupied interview

**Question Text:** Does your neighborhood have bothersome smoke, gas, or bad smells?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF ODORA = 1, 2, DK, RF THEN  
CRIME

---

**Name:** CRIME

**SAS Name:** CRIME

**Universe Description:** Regular occupied interview

**Question Text:** To the best of your knowledge, have any serious crimes occurred in your neighborhood in the past 12 months?

For example, burglary, robbery, theft, rape, or murder?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF CRIME = 1, 2, DK, RF THEN  
NPROBS

---

**Name:** NPROBS

**SAS Name:** NPROBS

**Universe Description:** Regular occupied interview

**Question Text:** Is there ^anything about the neighborhood that bothers you?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF NPROBS = 1 THEN  
BOTHERS  
IF STYPE<>2,3 and NPROBS=2,DK,RF THEN  
NEWTRN  
IF STYPE=2,3 and NPROBS=2, DK, RF THEN  
NOISN1

---

**Name:** BOTHERS

**SAS Name:** BOTHERS

**Universe Description:** Something in the neighborhood bothers the respondent

**Question Text:** What about the neighborhood bothers you?

Enter all that apply, separate with commas

**Answer List: BOTHERS**

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|---|
| 1             |                  | No Problem  |
| 2             |                  | Noise   |
| 3             |                  | Litter or housing deterioration                               |
| 4             |                  | Poor city/county services                                     |
| 5             |                  | Undesirable commercial, institutional, or industrial property |
| 6             |                  | People  |
| 7             |                  | Other - Specify   |

---

**Skip Instructions:** IF STYPE = 1, 4, or 5 and BOTHERS<>7 THEN  
NEWTRN  
IF STYPE <> 1, 4, or 5 and BOTHERS<>7 THEN  
NOISN1  
IF BOTHERS=7 THEN  
BOTHERSP

---

**Name:** BOTHERSP  
**SAS Name:** OTHNHD  
**Universe Description:** OTHER selected on BOTHERS screen

**Question Text:** Enter description of other bothersome neighborhood condition

**Skip Instructions:** IF STYPE=1,4,5 THEN  
NEWTRN  
IF STYPE<>1,4,5 THEN  
NOISN1

---

**Name:** NOISN1  
**SAS Name:** NOISN1  
**Universe Description:** STYPE is one unit attached or 2+ units

**Question Text:** What about inside your building? How often, if ever, do you hear neighbors through the floors, walls or ceilings of your  
^home\_mobile\_building?

**Answer List:** NOISN1

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                    |
|---------------|------------------|--|
| 1             |                  | Never (at most once per year)          |
| 2             |                  | Rarely (less than 2 times per month)   |
| 3             |                  | Sometimes (less than 2 times per week) |

**Skip Instructions:** IF NOISN1 = 1, DK, RF THEN  
NEWTRN  
IF NOISN1 = 2-4 THEN  
NOISN2

**Name:** NOISN2

**SAS Name:** NOISN2

**Universe Description:** Person can hear neighbors rarely, sometimes, or frequently

**Question Text:** Is the loudness of the noise bothersome?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** IF NOISN2 = 1, 2, DK, RF THEN  
NOISN3

**Name:** NOISN3

**SAS Name:** NOISN3

**Universe Description:** Person hears noise from neighbors rarely, sometimes, or frequently

**Question Text:** Is the time of the noise bothersome?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** IF NOISN3 = 1, 2, DK, RF THEN  
NEWTRN

**Name:** NEWTRN

**SAS Name:** NEWTRN

**Universe Description:** Regular occupied interview

**Question Text:** Is there public transportation for this area?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** IF NEWTRN = 2, DK, RF THEN  
 SHPCLS  
 IF NEWTRN = 1 THEN  
 USETRN

**Name:** USETRN  
**SAS Name:** USETRN  
**Universe Description:** Neighborhood has public transportation

**Question Text:** ^you\_Anyone use public transportation regularly for commuting to work or school?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** IF USETRN = 1, 2, DK, RF THEN  
 TIMETRN

**Name:** TIMETRN  
**SAS Name:** TIMETRN  
**Universe Description:** Neighborhood has public transportation

**Question Text:** How many minutes does it take to get to the nearest bus stop, train station or subway stop?

**Skip Instructions:** IF TIMETRN = 0..999, DK, RF THEN  
 SHPCLS

**Name:** SHPCLS  
**SAS Name:** SHPCLS  
**Universe Description:** Regular Occupied Interview and no previous yes answer received in last enumeration

**Question Text:** Do you have grocery stores or drug stores within 15 minutes of your home?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |



---

2

No

---

**Skip Instructions:** IF SHPCLS = 2, DK, RF THEN  
SATPOL  
IF SHPCLS=1 THEN  
SHP

---

**Name:** SHPCLSV

**SAS Name:** SHPCLSV

**Universe Description:** regular occupied interview and returning HH and previous yes answer given last enumeration

**Question Text:** (Last time) we recorded you have grocery stores or drug stores within 15 minutes of your home.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** IF SHPCLSV = 2, DK, RF THEN  
SATPOL  
IF SHPCLSV=1 THEN  
SHP

---

**Name:** SHP

**SAS Name:** SHP

**Universe Description:** Grocery stores/drug stores within 15 minutes

**Question Text:** Are they satisfactory?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** IF SHP = 1, 2, DK, RF THEN  
SATPOL

---

**Name:** SATPOL

**SAS Name:** SATPOL

**Universe Description:** Regular occupied interview

**Question Text:** Do you have satisfactory police protection for this area?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF SATPOL = 1, 2, DK, RF THEN  
KIDCOUNT

---

**Name:** KIDCOUNT

**SAS Name:**

**Universe Description:**

**Question Text:** DO NOT DISPLAY THIS SCREEN

(see special instructions and stores)

**Skip Instructions:** IF KIDCOUNT >= 1 THEN  
SCHOOL  
IF KIDJR >= 1 AND KIDCOUNT<1 THEN  
SCH  
IF KIDCOUNT = 0 AND KIDJR = 0 THEN  
Next Module

---

**Name:** SCHOOL

**SAS Name:** SCHOOL

**Universe Description:** There is at least one kid age 5-15 living in the household

**Question Text:** ^DoChildren\_Name attend a public school or a private school?

Enter all that apply, separate with commas

**Answer List:** SCHOOL

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|---|
| 1             |                  | Public school (K-12)  |
| 2             |                  | Private school (K-12)   |
| 3             |                  | Other school (ungraded school, special schools, preschools, early learning centers, etc.) |
| 4             |                  | Schooled at home  |
| 5             |                  | Not in school   |

---

**Skip Instructions:** IF AGE <= 13 and HHMEM= 1 THEN  
SCH  
IF AGE > 13 THEN  
Next Module

---

**Name:** SCH  
**SAS Name:** SCH  
**Universe Description:** Child in household is age 13 or younger and there is a kid in the household

**Question Text:** Is the public elementary school for this address satisfactory?

If more than one public elementary school, ask about the closest one to the sample unit

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF SCH = 1, 2,DK, RF THEN  
SCHM

---

**Name:** SCHM  
**SAS Name:** SCHM  
**Universe Description:** At least one child in household is 13 or younger and there is a kid in the household

**Question Text:** How do you think your public elementary school compares academically to other public elementary schools in the area, is it:

Read answer categories

**Answer List:** BETTER\_WORSE\_SAME

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Better?             |
| 2             |                  | About the same?     |
| 3             |                  | Worse?              |

---

**Skip Instructions:** IF SCHM = 1, 2, DK, RF THEN  
SCHCLS

---

**Name:** SCHCLS  
**SAS Name:** SCHCLS  
**Universe Description:** Public elementary school for area is/isn't satisfactory

and no "yes" response received in previous enumeration and there is a kid in the household

**Question Text:** Is that public elementary school within one mile of here?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF SCHCLS = 1, 2, DK, RF THEN  
Next Module

---

**Name:** SCHCLSV

**SAS Name:** SCHCLSV

**Universe Description:** regular occupied interview and returning HH and yes answer received in prior enumeration and there is a child in the household

**Question Text:** (Last time) we recorded that public elementary school is within one mile of here.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF SCHCLSV = 1, 2, DK, RF THEN  
Next Module

---

**Name:** RMOVINTRO

**SAS Name:**

**Universe Description:** respondent or HH member is a recent mover

**Question Text:** Now we are going to ask about where ^you\_people lived before moving here.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** if RMOVINTRO=1 and RFLAG=1 then  
REASONS

if RMOVINTRO=1 and eflag>=1 then  
 ALMV  
 if RMOVINTRO=1 and eflag=1 then  
 XSTATE

**Name:** rflag  
**SAS Name:**  
**Universe Description:**

**Name:** eflag  
**SAS Name:**  
**Universe Description:**

**Name:** REASONS  
**SAS Name:** REASONS  
**Universe Description:** person in household is a recent mover that has been there 2 years or less since the previous interview period, respondent is a recent mover

**Question Text:** What are the reasons you moved from your last residence?

Enter all that apply, separate with a comma

**Answer List:** Reasons

| Value: | Mnemonic: | Description:  |
|--------|-----------|---|
| 1      |           | A private company or person wanted to use it for some purpose |
| 2      |           | Forced to leave by the government                             |
| 3      |           | Disaster loss (fire, flood, etc.)                             |
| 4      |           | New job or job transfer                                       |
| 5      |           | To be closer to work/school/other                             |
| 6      |           | Other, financial/employment related                           |
| 7      |           | To establish own household                                    |
| 8      |           | Needed a larger house or apartment                            |
| 9      |           | Married, widowed, divorced, or separated                      |
| 10     |           | Other, family/personal related                                |
| 11     |           | Wanted a better quality house (apartment)                     |
| 12     |           | Change from owner to renter OR renter to owner                |
| 13     |           | Wanted lower rent or less expensive house to maintain         |
| 14     |           | Other housing related reasons                                 |
| 15     |           | Evicted from residence  |
| 16     |           | Other-Specify   |

**Skip Instructions:** if 16 (other-specify) is marked (X) then

```

REASONSP
IF REASONS=DK, RF THEN
  LOOKNS
IF REASONS= more than 1 answer marked (of 1..15)THEN
  WHYMOVE
if REASONS = private company or person wanted to use for some purpose IS THE
ONLY ANSWER SELECTED THEN
  WMOWNR1
IF REASONS = Forced to leave by government IS THE ONLY ANSWER SELECTED
THEN
  WMGOVP1
if REASONS<>private company or forced to leave by government THEN
  WMPRIV2

```

**Name:** REASONSP

**SAS Name:** WMSP

**Universe Description:** Other-Specify chosen as a reason moved from previous residence

**Question Text:** Specify other reasons moved from last residence

**Skip Instructions:** IF ANSWER IS SPECIFIED AND AT LEAST 1 OTHER ITEM MARKED ON REASONS THEN  
WHYMOVE

**Name:** WHYMOVE

**SAS Name:** WHYMOVE

**Universe Description:** 2 or more items marked on REASONS screen

**Question Text:** What was the main reason you moved?

Enter precode 1-16 or enter 0 if all reasons of equal importance.

**Answer List:** WHYMOVE

| Value: | Mnemonic: | Description:                    |
|--------|-----------|---------------------------------|
| 0      |           | All reasons of equal importance |
| 1      |           | ^WMPRIV                         |
| 2      |           | ^WMGOVT                         |
| 3      |           | ^WMDISL                         |
| 4      |           | ^WMJOBS                         |
| 5      |           | ^WMCLOS                         |
| 6      |           | ^WMFEMP                         |
| 7      |           | ^WMONHH                         |
| 8      |           | ^WMLARG                         |
| 9      |           | ^WMMARR                         |

|    |         |
|----|---------|
| 10 | ^WMFAML |
| 11 | ^WMQUAL |
| 12 | ^WMCHTN |
| 13 | ^WMCHEP |
| 14 | ^WMHOUS |
| 15 | ^WMEVIC |
| 16 | ^WMOTHR |

**Skip Instructions:** if REASONS=1 then  
 WMOWNR1  
 if REASONS=2 then  
 WMGOVP1  
 if REASONS<>1 and REASONS<>2 then  
 WMPRIV2

**Name:** WMOWNR1

**SAS Name:** WMOWNR1

**Universe Description:** Private company or person wanted to use previous residence for some purpose

**Question Text:** Did you leave-

Because the owner, or member of the owner's family were going to move into that residence?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if WMOWNR1=no, dk, rf then  
 WMCNDO1  
 if WMOWNR1=YES and WMGOVT1=X then  
 WMGOVP1  
 if WMOWNR1=YES and WMGOVT1<>X then  
 LOOKNS

**Name:** WMCNDO1

**SAS Name:** WMCNDO1

**Universe Description:** Owner or members of the owners family were NOT going to move into previous residence

**Question Text:** (Did you leave)

Because that unit was going to become a condominium or cooperative?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if WMCNDO1=NO, DK, RF then  
WMREPR1  
if WMCNDO1=YES and WMGOVT1=X then  
WMGOVP1  
if WMCNDO1=YES and WMGOVT1<>X then  
LOOKNS

---

**Name:** WMREPR1

**SAS Name:** WMREPR1

**Universe Description:** Respondent did NOT move from previous residence because it was going to become a condo or coop

**Question Text:** (Did you leave)  
Because the residence was closed for repairs?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if WMREPR1=YES, NO, DK, RF then  
LOOKNS

---

**Name:** WMGOVP1

**SAS Name:** WMGOVP1

**Universe Description:** government forced to them to leave

**Question Text:** Did you leave-  
Because the government wanted to use the land or building for some other purpose?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if WMGOVP1=YES then



LOOKNS  
if WMGOVP1=NO, DK, RF then  
WMNFIT1

---

**Name:** WMNFIT1

**SAS Name:** WMNFIT1

**Universe Description:** The government did NOT want to use the land or building for some other purpose

**Question Text:** (Did you leave)  
Because that residence was condemned by the government as unfit for occupancy?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** if WMNFIT1=YES, NO, DK, RF then  
LOOKNS

---

**Name:** WMPRIV2

**SAS Name:** WMPRIV2

**Universe Description:** not forced to move because of person or business wanted the land and not forced to move by government

**Question Text:** In addition to the reason(s) given, did you leave-  
Because a private company or person wanted to use it for some purpose?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** if WMPRIV2=YES then  
WMOWNER2  
if WMPRIV2=NO, DK, RF then  
WMGOVT2

---

**Name:** WMOWNER2

**SAS Name:**

**Universe Description:** Private company or person wanted to use it for some purpose

**Question Text:** Was that because the owner or members of the owner's family were going to move

into that residence?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if WMOWNR2=YES then  
LOOKNS  
if WMOWNR2=NO, DK, RF then  
WMCNDO2

---

**Name:** WMCNDO2

**SAS Name:** WMCNDO2

**Universe Description:** owner or member of owners family did NOT move in to previous residence

**Question Text:** (Did you leave)  
Because it was going to be a condominium or cooperative?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if WMCNDO2=YES then  
LOOKNS  
if WMCNDO2=NO, DK, RF then  
WMREPR2

---

**Name:** WMREPR2

**SAS Name:** WMREPR2

**Universe Description:** previous residence did NOT become condo or coop

**Question Text:** (Did you leave)  
Because it was closed for repairs?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if WMREPR2=YES, NO, DK, RF then

LOOKNS

---

**Name:** WMGOVT2

**SAS Name:** WMGOVT2

**Universe Description:** private company or person did NOT want the previous residence for some purpose

**Question Text:** (Did you leave)  
Because the government forced you to leave?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if WMGOVT2=YES then  
WMGOVP2  
if WMGOVT2=NO, DK, RF then  
LOOKNS

---

**Name:** WMGOVP2

**SAS Name:** WMGOVP2

**Universe Description:** forced out of previous residence by the government

**Question Text:** Was that because the government wanted to use the land or building for some other purpose?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if WMGOVP2=YES then  
LOOKNS  
if WMGOVP2=NO, DK, RF then  
WMNFIT2

---

**Name:** WMNFIT2

**SAS Name:** WMNFIT2

**Universe Description:** government did not want to use the land or building for some other purpose

**Question Text:** (Did you leave)  
Because it was condemned by the government as unfit for occupancy?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if WMNFIT2=YES, NO, DK, RF then  
LOOKNS

---

**Name:** LOOKNS

**SAS Name:** LOOKNS

**Universe Description:** had to move because of owner, or condo/coop conversion, or closed for repairs, or government

**Question Text:** When you were going to move, did you look for a(n) ^HTYPEFILL in any neighborhood other than this?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if LOOKNS=YES, NO, DK, RF then  
LOOKHS

---

**Name:** LOOKHS

**SAS Name:** LOOKHS

**Universe Description:** response received for previous question

**Question Text:** Did you look at both ^houses\_mobile and apartments?

**Answer List:** LOOKHS

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>      |
|---------------|------------------|--------------------------|
| 1             |                  | Yes, looked at both      |
| 2             |                  | No, didn't look at both  |
| 3             |                  | Looked only at this unit |

---

**Skip Instructions:** if LOOKHS=YES, NO, DK, RF then  
NUMHS  
if LOOKHS= LOOKED ONLY AT THIS UNIT and LOOKNS=YES,DK,RF then  
HEARHS  
if LOOKHS = LOOKED ONLY AT THIS UNIT and LOOKNS=NO then  
STOPLK

**Name:** NUMHS

**SAS Name:** NUMHS

**Universe Description:** Respondent may have looked at other homes besides the one currently living in

**Question Text:** About how many other houses, apartments, and manufactured/mobile homes did you look at before you chose this one?

**Skip Instructions:** if NUMHS=0..2, DK, RF, or LOOKNS=2 then  
STOPLK  
if NUMHS=3..99 and LOOKNS=1,DK,RF then  
HEARHS

**Name:** STOPLK

**SAS Name:** STOPLK

**Universe Description:** Number of homes looked at before this home was 2 or less, or did not look in any other neighborhoods for homes

**Question Text:** Some people look ^homes\_neighborhood. Did you stop looking, because you...

Read categories and enter all that apply, separate with commas.

**Answer List:** STOPLK

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>  |
|---------------|------------------|--|
| 1             |                  | Had to move quickly?   |
| 2             |                  | Had trouble traveling to see others (caring for others, transportation, disabilities)? |
| 3             |                  | Didn't know of any others?   |
| 4             |                  | Were too busy to look more?  |
| 5             |                  | Were completely happy with this one?   |
| 6             |                  | Don't like looking?  |
| 7             |                  | No particular reason   |
| 8             |                  | Other-Specify  |

**Skip Instructions:** if Other-Specify is Marked then  
NLSP  
IF 1..7=X then  
HEARHS

**Name:** NLSP

**SAS Name:** NLSP

**Universe Description:** Other reason stopped looking marked on STOPLK screen

**Question Text:** Specify other reason stopped looking

**Skip Instructions:** if NLSP=answer specified THEN  
HEARHS

---

**Name:** HEARHS

**SAS Name:** HEARHS

**Universe Description:** Respondent is a recent mover

**Question Text:** How did you hear about this ^HTYPEFILL?

Probe: How did you FIRST hear? (if more than one source)

**Answer List:** HEARHS

---

| Value: | Mnemonic: | Description:  |
|--------|-----------|---|
| 1      |           | Advertisement (newspaper, booklet of homes available, internet, etc.) |
| 2      |           | Broker  |
| 3      |           | Sign on property  |
| 4      |           | Friend, relative, or acquaintance                                     |
| 5      |           | Other-Specify   |

---

**Skip Instructions:** if OTHER-SPECIFY is Marked then  
HEARSP  
if 1..4=X, DK,RF then  
PMOVYR

---

**Name:** HEARSP

**SAS Name:** HEARSP

**Universe Description:** Other Specify selected for how they heard about their new home

**Question Text:** Specify other way heard about this place

**Skip Instructions:** if answer is specified then  
PMOVYR

---

**Name:** PMOVYR

**SAS Name:** PMOVYR

**Universe Description:** person answered how they heard about their current home

**Question Text:** When was the last time you moved before this?

Enter 4-digit year

**Skip Instructions:** if PMOVYR>=(SURV\_YR - 5) then  
PMOVM  
if PMOVYR< SURV\_YR, DK, RF then

NHOODA

---

**Name:** PMOVM

**SAS Name:** PMOVM

**Universe Description:** year of previous move was within last 5 years

**Question Text:** What month was that?

**Answer List:** PMOVM

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | January             |
| 2             |                  | February            |
| 3             |                  | March               |
| 4             |                  | April               |
| 5             |                  | May                 |
| 6             |                  | June                |
| 7             |                  | July                |
| 8             |                  | August              |
| 9             |                  | September           |
| 10            |                  | October             |
| 11            |                  | November            |
| 12            |                  | December            |

---

**Skip Instructions:** if PMOVM=1..12, DK, RF and [not in (PMOVM > MOVM) and (PMOVYR = MOVYR)]  
then  
NHOODA  
if (PMOVM > MOVM) and (PMOVYR = MOVYR) then  
E\_PMOVM

---

**Name:** NHOODA

**SAS Name:** NHOODA

**Universe Description:**

**Question Text:** People's reasons for selecting a new neighborhood may be different from their reasons for choosing a particular home.

Enter exact words

**Skip Instructions:** if NHOODA = text entered, EMPTY, DK, RF then  
WNBRHD

---

**Name:** WNBRHD

**SAS Name:** WNBRHD

**Universe Description:**

**Question Text:** Enter all that apply, separate with commas

**Answer List:** WNBRHD

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                  |
|---------------|------------------|--------------------------------------|
| 1             |                  | Convenient to job                    |
| 2             |                  | Convenient to friends or relatives   |
| 3             |                  | Convenient to leisure activities     |
| 4             |                  | Convenient to public transportation  |
| 5             |                  | Good schools                         |
| 6             |                  | Other public services                |
| 7             |                  | Looks/design of neighborhood         |
| 8             |                  | House was an important consideration |
| 9             |                  | Other-Specify                        |

---

**Skip Instructions:** if WNBRHD=DK,RF, or only one choice marked then  
HOMEA  
if WNBRHD=XX (more than one choice marked) then  
WHYTON  
if WNBRHD=9 then  
WNSP

---

**Name:** WNSP

**SAS Name:** WNSP

**Universe Description:** other-specify marked on WNBRHD

**Question Text:** Specify other reason attracted to this neighborhood

**Skip Instructions:** if WNSP = answered then  
HOMEA

---

**Name:** WHYTON

**SAS Name:** WHYTON

**Universe Description:** more than one reason why person chose the neighborhood

**Question Text:** What is the MAIN reason you chose this neighborhood?

Enter precode 1-9 or enter 0 (zero) - All reasons of equal importance.

**Answer List:** WHYTON

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---



|   |                                 |
|---|---------------------------------|
| 0 | All reasons of equal importance |
| 1 | ^WNJOB                          |
| 2 | ^WNPEPL                         |
| 3 | ^WNFUN                          |
| 4 | ^WNTRAN                         |
| 5 | ^WNSCH                          |
| 6 | ^WNSRV                          |
| 7 | ^WNLOOK                         |
| 8 | ^WNHOME                         |
| 9 | ^WNOTHR                         |

**Skip Instructions:** if WHYTON=0..9,DK,RF then  
HOMEA

**Name:** HOMEA

**SAS Name:** HOMEA

**Universe Description:**

**Question Text:** Now considering your home, what attracted you to this ^HTYPEFILL

Write exact words

**Skip Instructions:** IF HOMEA = text entered, dk, rf, EMPTY THEN  
WHOME

**Name:** WHOME

**SAS Name:** WHOME

**Universe Description:** only one reason for choosing neighborhood

**Question Text:** Enter all that apply, separate with commas

**Answer List:** WHOME

| Value: | Mnemonic: | Description:            |
|--------|-----------|-------------------------|
| 1      |           | Financial reasons       |
| 2      |           | Room layout/design      |
| 3      |           | Kitchen                 |
| 4      |           | Size                    |
| 5      |           | Exterior appearance     |
| 6      |           | Yar/trees/view          |
| 7      |           | Quality of construction |
| 8      |           | Only one available      |
| 9      |           | Other-Specify           |

**Skip Instructions:** IF WHOME=9 THEN  
WHSP  
IF WHOME=1..8, DK, RF THEN  
XNRATE  
IF WHOME= more than one answer marked THEN  
WHYTOH

---

**Name:** WHSP  
**SAS Name:** WHSP  
**Universe Description:** Other specify marked as reason for choosing home on WHOME screen

**Question Text:** Specify other reasons for choosing this home

**Skip Instructions:** IF WHSP specified, DK, RF, and [OTHER-SPECIFY is the only answer marked on WHOME] THEN  
XNRATE  
IF WHSP=answered and at least one other answer marked on WHOME THEN  
WHYTOH

---

**Name:** WHYTOH  
**SAS Name:** WHYTOH  
**Universe Description:** respondent is a recent mover

**Question Text:** What was the MAIN reason you chose this ^HTYPEFILL?

Enter precode 1-9 or enter 0 (zero). All reasons of equal importance.

**Answer List:** WHYTOH

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>             |
|---------------|------------------|---------------------------------|
| 0             |                  | All reasons of equal importance |
| 1             | ^WHFIN           |                                 |
| 2             | ^WHDSN           |                                 |
| 3             | ^WHKIT           |                                 |
| 4             | ^WHSIZ           |                                 |
| 5             | ^WHEXT           |                                 |
| 6             | ^WHYRD           |                                 |
| 7             | ^WHQUL           |                                 |
| 8             | ^WHAVL           |                                 |
| 9             | ^WHOTH           |                                 |

---

**Skip Instructions:** IF WHYTOH=0..9, DK, RF THEN  
XNRATE

---

**Name:** XNRATE

**SAS Name:** XNRATE

**Universe Description:** Respondent is a recent mover

**Question Text:** Is this neighborhood better, worse, or about the same as your last neighborhood?

**Answer List:** XNRATE

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Better              |
| 2             |                  | Worse               |
| 3             |                  | About the same      |
| 4             |                  | Same neighborhood   |

---

**Skip Instructions:** if XNRATE=Better, Worse, About the same, Same neighborhood, DK, RF THEN  
XHRATE

---

**Name:** XHRATE

**SAS Name:** XHRATE

**Universe Description:** valid answer given for rating of neighborhood

**Question Text:** Is this ^HTYPEFILL better, worse, or about the same as your last home?

**Answer List:** XHRATE

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Better              |
| 2             |                  | Worse               |
| 3             |                  | About the same      |

---

**Skip Instructions:** if (2 or more persons MOVED in after prior year date of interview or INCSAM=1) or (2 or more persons MOVED during survey year, (YEAR-1), or (YEAR-2)) then  
ALMV  
if )(only one person moved in after prior year date of interview or INCSAM=1) or (only one person moved in during the survey year, (YEAR-1), or (YEAR-2)) THEN  
FIRST

---

**Name:** ALMV

**SAS Name:** ALMV

**Universe Description:** 2 or more persons moved in within the past 2 years

**Question Text:** Earlier you told me ^MOVERS moved into this ^HTYPEFILL within the last 2 years.  
Did ^you\_all\_he\_she\_they move here from the same previous residence?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if ALMV=no, dk, rf then  
FIRST  
if ALMV = yes then  
XSTATE

**Name:** FIRST

**SAS Name:** FIRST

**Universe Description:** recent movers in household moved from different previous residence

**Question Text:** If only one recent mover in the household, mark without asking.

Which people moved here from the first previous residence? Start with the previous residence from which the most people moved.

^movers

Enter the line number of all people who moved from the first previous residence, separate with commas

Make sure that all persons mentioned, and no one else moved from the residence. Correct if necessary.

**Answer List:** ^MOVERS

**Skip Instructions:** IF FIRST>30, or the line number is greater than number of recent movers in household THEN  
E\_LINENUMBER  
if FIRST=1..30, N and is a valid line number for the household then  
SECOND

**Name:** SECOND

**SAS Name:** SECOND

**Universe Description:** recent movers in household moved from different previous residence

**Question Text:** Which people moved here from the next previous residence? Start with the previous residence from which the most people moved.

Enter the line number of all people who moved from the second previous residence, separate with commas.

Make sure that all persons mentioned, and no one else moved from the residence. Correct if necessary.

**Answer List:** ^MOVERS

**Skip Instructions:** if there are more recent movers in the household then  
THIRD  
if no more recent movers then  
XINUS  
IF SECOND>30, or the line number is greater than number of recent movers in  
household THEN  
E\_LINENUMBER

---

**Name:** THIRD

**SAS Name:** THIRD

**Universe Description:** recent movers in household moved from different previous residence

**Question Text:** Which people moved here from the next previous residence? Start with the previous residence from which the most people moved.

Enter the line number of all people who moved from the third previous residence, separate with commas.

Make sure that all persons mentioned, and no one else moved from the residence. Correct if necessary.

**Answer List:** ^MOVERS

**Skip Instructions:** if no more recent movers then  
XINUS  
IF THIRD>30, or the line number is greater than number of recent movers in  
household THEN  
E\_LINENUMBER

---

**Name:** XSTATE

**SAS Name:** XSTATE

**Universe Description:** Recent movers in household

**Question Text:** (READ NAMES) What State did ^you live in just before moving here?

^MOVERS2

Enter state abbreviation

Enter "NU" if previous residence was outside the U.S.

**Skip Instructions:** IF XSTATE<> 88 then  
XUNIT  
IF XSTATE=88 then  
RMOV\_END

---

**Name:** XUNIT

**SAS Name:** XUNIT

**Universe Description:** Previous residence was in U.S.

**Question Text:** Was that residence -

Read all answer categories

**Answer List:** XUNIT

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>              |
|---------------|------------------|----------------------------------|
| 1             |                  | A house?                         |
| 2             |                  | An apartment?                    |
| 3             |                  | A manufactured/mobile home?      |
| 4             |                  | Or some other type of residence? |

---

**Skip Instructions:** if XUNIT=house, apartment, mobile home, dk, rf THEN  
XTEN  
if XUNIT=other THEN  
RMOV\_END

---

**Name:** XTEN

**SAS Name:** XTEN

**Universe Description:** previous residence was in U.S. and was a house, an apartment or a mobile home

**Question Text:** Was that home -

**Answer List:** XTEN

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                                 |
|---------------|------------------|---|
| 1             |                  | Owned or being bought by someone in that household? |
| 2             |                  | Rented for cash?                                    |
| 3             |                  | Occupied without payment of cash rent?              |

---

**Skip Instructions:** if XTEN=OWN (1), RENT (2), NO PAY (3), DK, RF then  
XCOND

---

**Name:** XCOND

**SAS Name:** XCOND

**Universe Description:** previous residence in U.S. and XTEN screen answered

**Question Text:** Was the ^XUNIT part of a cooperative or condominium, or neither one?

**Answer List:** XCOND

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |             |
|---|-------------|
| 1 | Cooperative |
| 2 | Condominium |
| 3 | Neither     |
| 4 | Don't Know  |

**Skip Instructions:** if XCOND=COOP then  
XCOOP  
if XCOND=condo, neither, Dk, RF THEN  
XPER

**Name:** XCOOP

**SAS Name:** XCOOP

**Universe Description:** previous residence was a cooperative

**Question Text:** 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?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** if XCOOP=YES then  
XPER  
if XCOOP=NO then  
XCOND

**Name:** XPER

**SAS Name:** XPER

**Universe Description:** previous residence in U.S. and previous residence was/wasn't a condo or coop

**Question Text:** How many people lived in that household just before the move?

**Skip Instructions:** if XPER=1 THEN  
XCOST  
if XPER>=2, DK, RF then  
XHEAD

**Name:** XHEAD

**SAS Name:** XHEAD

**Universe Description:** previous residence in U.S. and 2+ people lived in previous residence

**Question Text:** Was that ^XUNIT ^XTEN by someone who moved here?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if XHEAD=YES, DK, RF then  
XCOST  
if XHEAD=NO then  
XREL

---

**Name:** XREL

**SAS Name:** XREL

**Universe Description:** previous residence inside the U.S.

**Question Text:** Was it ^XTEN by a relative?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if XREL=YES, NO, DK, RF then  
XCOST

---

**Name:** XCOST

**SAS Name:** XCOST

**Universe Description:** previous residence inside the U.S.

**Question Text:** When ^you moved, did ^your housing costs increase, decrease, or stay about the same, including utilities and ^mort\_rent.

(Compare their share, if not whole household)

**Answer List:** XCOST

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|-----------------------|
| 1             |                  | Increase              |
| 2             |                  | Decrease              |
| 3             |                  | Stayed about the same |
| 4             |                  | Don't Know            |

---

**Skip Instructions:** if XCOST=INCREASE, DECREASE, SAME, DK, RF then  
RMOV\_END



**Name:** JTWINTRO

**SAS Name:**

**Universe Description:**

**Question Text:** The next questions deal with commuting and the distance between a person's home and job.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** IF TIMEJ and DISTJ= DK or RF AND DISTJ >= TIMEJ THEN  
WHOME

---

**Name:** WLINEQ

**SAS Name:** WLINEQ

**Universe Description:** person is a household member and Regular Occupied Interview and at least one person in the household age 15 or older (THIS MODULE IS ASKED OF EACH HOUSEHOLD MEMBER AGE 15 AND OVER)  
JTWINTRO = CONTINUE

**Question Text:** Did ^you\_name 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.

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF WLINEQ = YES THEN  
HJOB  
IF WLINEQ = NO, DK OR RF THEN  
Next Module or next person in HH

---

**Name:** HJOB

**SAS Name:** HJOB

**Universe Description:** Person worked last week

**Question Text:** Did ^you\_Name usually report to the same location to begin work each day?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** IF HJOB = YES, NO, DK OR RF THEN  
TRAN

**Name:** TRAN

**SAS Name:** TRAN

**Universe Description:** Person worked last week

**Question Text:** How did ^you\_Name usually get to work last week?

If a person uses different means of transportation on different days...  
Which did ^you\_Name use the most often?

If a person uses more than one means of transportation on the same day...  
Which covered the longest distance?

**Answer List:** TRAN

| Value: | Mnemonic: | Description:       |
|--------|-----------|--------------------|
| 1      |           | Car                |
| 2      |           | Truck              |
| 3      |           | Van                |
| 4      |           | Bus or Streetcar   |
| 5      |           | Subway or elevated |
| 6      |           | Railroad           |
| 7      |           | Taxicab            |
| 8      |           | Motorcycle         |
| 9      |           | Bicycle            |
| 10     |           | Other vehicle      |
| 11     |           | Walked only        |
| 12     |           | Works at home      |

**Skip Instructions:** IF TRAN = CAR, TRUCK, VAN THEN  
VEHCL  
IF TRAN = WORKS AT HOME THEN  
WHOME  
IF TRAN not in [CAR, TRUCK, VAN, HOME] THEN  
TIMEJ

**Name:** VEHCL

**SAS Name:** VEHCL

**Universe Description:** Person's usual way to work is a car, truck, or van  
TRAN in [Car, Truck, Van]

**Question Text:** Did ^you\_Name drive alone or go with others?

**Answer List:** VEHCL

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Alone               |
| 2             |                  | Go with others      |

---

**Skip Instructions:** IF VEHCL = GO WITH OTHERS THEN  
PASS  
IF VEHCL = ALONE, DK OR RF THEN  
TIMEJ

---

**Name:** PASS

**SAS Name:** PASS

**Universe Description:** Person drives with others to work

**Question Text:** How many people, including ^yourself\_Name usually ride in the ^vehicle?

Enter 15 if 15 or more people

**Skip Instructions:** IF PASSin [2..7] THEN  
TIMEJ

---

**Name:** TIMEJ

**SAS Name:** TIMEJ

**Universe Description:** Person did not work at home (traveled to work)

**Question Text:** How many minutes did it usually take ^you\_Name to get to work?

**Skip Instructions:** IF TIMEJ = 1-998 THEN  
TIME

---

**Name:** TIME

**SAS Name:** WTIMHR

**Universe Description:** Person did not work at home last week (traveled to work)

**Question Text:** What time did ^you\_Name usually leave for work? Was that A.M. or P.M.?

**Skip Instructions:** IF TIME = 1-12

TIMEMIN

---

**Name:** TIMEMIN

**SAS Name:** WTIMEMN

**Universe Description:** Person did not work at home last week (traveled to work)

**Question Text:** Enter Minute

**Skip Instructions:** IF TIMEMIN = 00-59 THEN  
TIMEAMPM

---

**Name:** TIMEAMPM

**SAS Name:** AMPM

**Universe Description:** Person did not work at home last week (traveled to work)

**Question Text:** Enter A.M. or P.M.

**Answer List:** AM/PM

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | A.M.         |
| 2      |           | P.M.         |

---

**Skip Instructions:** IF TIMEAMPM = 1,2,DK,RF THEN  
DISTJ

---

**Name:** DISTJ

**SAS Name:** DISTJ

**Universe Description:** Person did not work at home last week (traveled to work)

**Question Text:** How many miles was ^your\_Name trip to work?

Enter 0 if less than one mile

**Skip Instructions:** if (TIMEJ or DISTJ = Dk or Rf) or (DISTJ >= TIMEJ) or (DISTJ = 0 and TIMEJ < 45)  
then  
WHHOME  
if (DISTJ = 0 and TIMEJ >= 45) or (TIMEJ < DISTJ and TIMEJ <> Dk, Rf and DISTJ  
<> Dk, Rf) then  
E\_DISTJ

---

**Name:** WHOME

**SAS Name:** WHOME

**Universe Description:**

**Question Text:** Last week, did ^you\_NAME do any of ^your\_his\_her regularly scheduled work for ^your\_his\_her employer at home?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if WHOME = 1 then  
WHHRW  
if WHOME = 2,DK,RF then  
WHHRB

---

**Name:** WHHRW

**SAS Name:** WHHRW

**Universe Description:** person worked from home last week

**Question Text:** Last week, how many hours did ^you\_NAME work at home on a wage or salary job?

**Skip Instructions:** if WHHRW=1..168,DK,RF then  
WHDY

---

**Name:** WHDY

**SAS Name:** WHDY

**Universe Description:** Person worked from home last week

**Question Text:**

How many separate days last week did ^you\_NAME work at home instead of traveling to work?

**Skip Instructions:** if WHDY=0..7,DK,RF then  
WHHRB

---

**Name:** WHHRB

**SAS Name:** WHHRB

**Universe Description:**

**Question Text:** Last week, how many hours did ^you\_Name work at home as a self-employed person or contract worker or business owner?

**Skip Instructions:** IF WHHRB = 0..168, DK, RF then

**Name:** RETINTRO

**SAS Name:**

**Universe Description:** (TENURE = 1) OR  
 (TENURE in [2,3] and I\_FRSTOC = Empty and BUILT >= 1990) OR  
 (TENURE in [2,3] and STYPE = 4)

**Question Text:** Now we'd like to ask more questions about ^your\_this2 home.

**Answer List:** Continue

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | Enter 1 to continue |

**Skip Instructions:** If RETINTRO = 1 and BUILT >= 1990 Then  
 FRSTOC  
 Elseif RETINTRO = 1 and BUILT < 1990 and TENURE = 1 Then  
 PREOCC  
 Elseif RETINTRO = 1 and BUILT < 1990 and TENURE in [2,3] and STYPE = 4 Then  
 OWNLOT1  
 Elseif RETINTRO = 1 and BUILT < 1990 and TENURE in [2,3] and STYPE <> 4 Then  
 Exit Module

**Name:** FRSTOC

**SAS Name:** FRSTOC

**Universe Description:** Homes built in 1990 or after.

**Question Text:** Were you the first ^person\_people to occupy this home  
 or did someone else live here before you?

**Answer List:** FRSTOC

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | First occupants     |
| 2      |           | Previously occupied |

**Skip Instructions:** If FRSTOC = 1 and STYPE in [1,2] and TENURE = 1 Then  
 CUSHOM  
 Elseif ((FRSTOC = 1 and STYPE in [3,4]) or FRSTOC in [2,Dk,Rf]) and TENURE = 1  
 Then  
 PREOCC  
 Elseif FRSTOC in [1,2,Dk,Rf] and TENURE in [2,3] and STYPE = 4 Then  
 OWNLOT1

Elseif FRSTOC in [1,2,Dk,Rf] and TENURE in [2,3] and STYPE <> 4 Then  
Exit Module

---

**Name:** CUSHOM

**SAS Name:** CUSHOM

**Universe Description:** Detached and attached houses that are owned, where the occupants are the first owners.

**Question Text:** How did ^you\_OWNER obtain ^your\_this2 home?  
Did ^you\_OWNER2 -

Read categories until a "Yes" is obtained

**Answer List:** CUSHOM

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>  |
|---------------|------------------|--|
| 1             | Prebuilt         | Buy the house already built?   |
| 2             | Agreement        | 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             | Contractor       | Have a general contractor build it on ^YOUR_OWNER OWN LAND? (ALSO INCLUDES LEASED LAND)  |
| 4             | Self             | Build it ^self_owner on ^YOUR_OWNER OWN LAND? (INCLUDE PERSON ACTING AS OWN GENERAL CONTRACTOR. ALSO INCLUDES LEASED LAND)   |
| 5             | Gift             | Receive it as a gift or inheritance?   |

---

**Skip Instructions:** If CUSHOM in [1..5,Dk,Rf] Then  
WHNGET

---

**Name:** PREOCC

**SAS Name:** PREOCC

**Universe Description:** Homes that are owned, where the occupants are not the first owners or the home was built before 1990 or the unit is a multiunit or manufactured/mobile home.

**Question Text:** Did ^you\_OWNER receive the home as a gift or inheritance or did ^you\_OWNER2 purchase it?

**Answer List:** PREOCC

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>        |
|---------------|------------------|----------------------------|
| 1             | Gift             | Gift or inheritance        |
| 2             | Purchased        | Purchased, bought or built |

---

**Skip Instructions:** If PREOCC in [1,2,Dk,Rf] Then  
WHNGET

---

**Name:** WHNGET

**SAS Name:** WHNGET

**Universe Description:** Homes that are owned.

**Question Text:** When did this household ^get the ^HTYPEFILL?

If land and building bought at different times, building only

**Skip Instructions:** If WHNGET in [1900..INTYR] and (REPLHH = 1 or CDEPSTAT = 2) and Person with OLDEST = 1 has (INTYR - WHNGET) > (INTYR - BRTHY) Then  
E\_WHNGET1  
Elseif WHNGET > INTYR Then  
E\_WHNGET2  
Elseif WHNGET in [1900..INTYR] and SDESIG = 1 Then  
TASB  
Elseif WHNGET in [1900..INTYR] and SDESIG = 2 and (CUSHOM = 5 or PREOCC = 1) Then  
FRSTHO  
Elseif WHNGET in [1900..INTYR] and SDESIG = 2 and CUSHOM in [3,4] Then  
CPRICEQ  
Elseif WHNGET in [1900..INTYR] and SDESIG = 2 and (CUSHOM in [1,2,Dk,Rf] or PREOCC in [2,Dk,Rf]) Then  
LPRICEQ

---

**Name:** TASB

**SAS Name:** TASB

**Universe Description:** Regular, occupied interviews at homes that are owned. National cases only.

**Question Text:** When you\_OWNER ^got this ^HTYPEFILL,  
did anyone make inquiries or have this ^HTYPEFILL  
inspected or tested for any of the following?

Asbestos

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If TASB in [Yes,No,Dk,Rf] Then  
TPBPAI

---



**Name:** TPBPAI

**SAS Name:** TPBPAI

**Universe Description:** Answered asbestos inspection question

**Question Text:** (When you\_OWNER ^got this ^HTYPEFILL, did anyone make inquiries or have this ^HTYPEFILL inspected or tested for any of the following?)

Lead-based paint

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TPBPAI in [Yes,No,Dk,Rf] Then  
TRADON

---

**Name:** TRADON

**SAS Name:** TRADON

**Universe Description:** Answered lead based paint inspection question

**Question Text:** (When you\_OWNER ^got this ^HTYPEFILL, did anyone make inquiries or have this ^HTYPEFILL inspected or tested for any of the following?)

Radon

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TRADON in [Yes,No,Dk,Rf] Then  
TPBPIP

---

**Name:** TPBPIP

**SAS Name:** TPBPIP

**Universe Description:** Answered radon inspection question

**Question Text:** (When you\_OWNER ^got this ^HTYPEFILL, did anyone make inquiries or have this ^HTYPEFILL inspected or tested for any of the following?)

Lead pipes

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TPBPIP in [Yes,No,Dk,Rf] Then  
TPBSOL

---

**Name:** TPBSOL

**SAS Name:** TPBSOL

**Universe Description:** Answered lead pipes inspection question

**Question Text:** (When you\_OWNER ^got this ^HTYPEFILL,  
did anyone make inquiries or have this ^HTYPEFILL  
inspected or tested for any of the following?)

Lead solder on copper pipes

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TPBSOL in [Yes,No,Dk,Rf] Then  
TWATER

---

**Name:** TWATER

**SAS Name:** TWATER

**Universe Description:** Answered lead solder inspection question

**Question Text:** (When you\_OWNER ^got this ^HTYPEFILL,  
did anyone make inquiries or have this ^HTYPEFILL  
inspected or tested for any of the following?)

Water quality

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TWATER in [Yes,No,Dk,Rf] Then  
TALWIR

---

**Name:** TALWIR

**SAS Name:** TALWIR

**Universe Description:** Answered water quality inspection question

**Question Text:** (When you\_OWNER ^got this ^HTYPEFILL,  
did anyone make inquiries or have this ^HTYPEFILL  
inspected or tested for any of the following?)

Aluminum wiring

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TALWIR = Yes or TASB = Yes or TPBPPI = Yes or TRADON = Yes or TPBPPI =  
Yes or TPBSOL = Yes or TWATER = Yes Then

TREP

Elseif TALWIR <> Yes and TASB <> Yes and TPBPPI <> Yes and TRADON <> Yes  
and TPBPPI <> Yes and TPBSOL <> Yes and TWATER <> Yes and CUSHOM in  
[3,4] Then

CPRICEQ

Elseif TALWIR <> Yes and TASB <> Yes and TPBPPI <> Yes and TRADON <> Yes  
and TPBPPI <> Yes and TPBSOL <> Yes and TWATER <> Yes and (CUSHOM = 5  
or PREOCC = 1) Then

FRSTHO

Elseif TALWIR <> Yes and TASB <> Yes and TPBPPI <> Yes and TRADON <> 1  
and TPBPPI <> Yes and TPBSOL <> Yes and TWATER <> Yes1 and (CUSHOM in  
[1,2,D,R] or PREOCC in [2,D,R]) Then

LPRICEQ

---

**Name:** TREP

**SAS Name:** TREP

**Universe Description:** Answered Yes to one of the inspection questions.

**Question Text:** Were any repairs or replacements made as a result of the  
inquiry, inspection, or test?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |

---

---

2

No

---

**Skip Instructions:** If TREP in [Yes,No,Dk,Rf] Then  
TADJ

---

**Name:** TADJ

**SAS Name:** TADJ

**Universe Description:** Answered question about inspection repairs.

**Question Text:** Were any adjustments made to the purchase price of the  
^HTYPEFILL as a result of the inquiry, inspection, or test?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** If TADJ in [Yes,No,Dk,Rf] and CUSHOM = 5 or PREOCC = 1 Then  
FRSTHO  
Elseif TADJ in [Yes,No,Dk,Rf] and CUSHOM in [3,4] Then  
CPRICEQ  
Elseif TADJ in [Yes,No,Dk,Rf] and (CUSHOM in [1,2,Dk,Rf] or PREOCC in [2,Dk,Rf]  
Then  
LPRICEQ

---

**Name:** LPRICEQ

**SAS Name:** LPRICEQ

**Universe Description:** Owner purchased home and land together.

**Question Text:** What was the price of the ^HTYPEFILL?

(Exclude closing cost)

(For manufactured/mobile homes, exclude value of the land)

Enter 9999998 for \$9,999,998 or more

**Skip Instructions:** If LPRICEQ in [1..9999998,Dk,Rf] Then  
DWNPAY

---

**Name:** CPRICEQ

**SAS Name:** CPRICEQ

**Universe Description:** Owner had home built on own land.

**Question Text:** What was the construction cost as well as the value of the

land at that time?

Enter 9999998 for \$9,999,998 or more

**Skip Instructions:** If CPRICEQ in [1..9999998,Dk,Rf] Then  
DWNPAY

**Name:** DWNPAY

**SAS Name:** DWNPAY

**Universe Description:** Owner purchased home and land together or owner had home built on own land.

**Question Text:** 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

**Answer List:** DWNPAY

| Value: | Mnemonic: | Description:   |
|--------|-----------|--|
| 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  |

**Skip Instructions:** If DWNPAY in [1..6] or (DWNPAY = 7 and CDEPSTAT = 1 and I\_DWNPAY = 7) Then  
DWNAMT  
Elseif DWNPAY = 7 and (CDEPSTAT = 2 or (CDEPSTAT = 1 and I\_DWNPAY = Empty)) Then  
DWNPYSP  
Elseif DWNPAY in [8,Dk,Rf] and STYPE = 4 Then  
OWNLOT1  
Elseif DWNPAY in [8,Dk,Rf] AND  
[(STYPE in [1,2] and CONDO = 3 and DRSHOP = Yes and (LTSQFTQ < 440000 or LTFT1Q\*LTFT2Q < 440000 or LTACQ < 10 or ACRES < 10 or LTAC10P = No)) OR  
(STYPE in [1,2] and CONDO = 3 and DRSHOP = Yes and LOTV = Yes and (I\_LTSQFTQ < 440000 or I\_LTFT1Q\*I\_LTFT2Q < 440000 or I\_LTACQ < 10)) OR  
(STYPE in [1,2] and CONDO = 3 and (LTSQFTQ >= 440000 or LTFT1Q\*LTFT2Q >= 440000 or LTACQ >= 10 or ACRES >= 10 or LTAC10P = Yes)) OR  
(STYPE in [1,2] and CONDO = 3 and LOTV = Yes and (I\_LTSQFTQ >= 440000 or I\_LTFT1Q\*I\_LTFT2Q >= 440000 or I\_LTACQ >= 10)) OR (STYPE = 3 and CONDO = 3)] Then  
PVALUE

Elseif DWNPAY in [8,Dk,Rf] Then  
VALUE1

---

**Name:** DWNPYSP

**SAS Name:** DWNPYSP

**Universe Description:** Units ineligible for dependent interviewing with source of downpayment other than categories in DWNPAY.

**Question Text:** Specify other source of down payment

**Skip Instructions:** If DWNPYSP <> Empty Then  
DWNAMT

---

**Name:** DWNAMT

**SAS Name:** DWNAMT

**Universe Description:** Entered a source in down payment question.

**Question Text:** ^I\_DWNPMT

Considering all sources of money, what was the total amount of the down  
^payment

You may answer in dollars or percent.

Do not read the answers. Mark the appropriate box and enter the amount on the  
following screen.

If bought outright, enter 2 for Percent

**Answer List:** DWNAMT

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      | Dollars   | Dollars      |
| 2      | Percent   | Percent      |

---

**Skip Instructions:** If DWNAMT = 1 Then  
DWNDLR  
Elseif DWNAMT = 2 Then  
DWNPCT  
Elseif DWNAMT in [Dk,Rf] and STYPE = 4 Then  
OWNLOT1  
Elseif DWNAMT in [Dk,Rf] AND  
[(STYPE in [1,2] and CONDO = 3 and DRSHOP = Yes and (LTSQFTQ < 440000 or  
LTFT1Q\*LTFT2Q < 440000 or LTACQ < 10 or ACRES < 10 or LTAC10P = No)) OR  
(STYPE in [1,2] and CONDO = 3 and DRSHOP = Yes and LOTV = Yes and  
(I\_LTSQFTQ < 440000 or I\_LTFT1Q\*I\_LTFT2Q < 440000 or I\_LTACQ < 10)) OR  
(STYPE in [1,2] and CONDO = 3 and (LTSQFTQ >= 440000 or LTFT1Q\*LTFT2Q >=  
440000 or LTACQ >= 10 or ACRES >= 10 or LTAC10P = Yes)) OR

(STYPE in [1,2] and CONDO = 3 and LOTV = Yes and (I\_LTSQFTQ >= 440000 or I\_LTFT1Q\*I\_LTFT2Q >= 440000 or I\_LTACQ >= 10)) OR (STYPE = 3 and CONDO = 3) Then  
PVALUE  
Elseif DWNAMT in [Dk,Rf] Then  
VALUE1

---

**Name:** DWNDLR

**SAS Name:** DWNDLR

**Universe Description:** Knows amount of down payment in dollars.

**Question Text:** Enter amount in dollars

**Skip Instructions:** If DWNDLR in [1..9999998,Dk,Rf] and STYPE = 4 Then  
OWNLOT1  
Elseif DWNDLR in [1..9999998,Dk,Rf] AND  
[(STYPE in [1,2] and CONDO = 3 and DRSHOP = Yes and (LTSQFTQ < 440000 or LTFT1Q\*LTFT2Q < 440000 or LTACQ < 10 or ACRES < 10 or LTAC10P = No)) OR  
(STYPE in [1,2] and CONDO = 3 and DRSHOP = Yes and LOTV = Yes and (I\_LTSQFTQ < 440000 or I\_LTFT1Q\*I\_LTFT2Q < 440000 or I\_LTACQ < 10)) OR  
(STYPE in [1,2] and CONDO = 3 and (LTSQFTQ >= 440000 or LTFT1Q\*LTFT2Q >= 440000 or LTACQ >= 10 or ACRES >= 10 or LTAC10P = Yes)) OR  
(STYPE in [1,2] and CONDO = 3 and LOTV = Yes and (I\_LTSQFTQ >= 440000 or I\_LTFT1Q\*I\_LTFT2Q >= 440000 or I\_LTACQ >= 10)) OR (STYPE = 3 and CONDO = 3) Then  
PVALUE  
Elseif DWNDLR in [1..9999998,Dk,Rf] Then  
VALUE1

---

**Name:** DWNPCT

**SAS Name:** DWNPCT

**Universe Description:** Knows amount of down payment in percent.

**Question Text:** Enter amount in percent

If bought outright, enter 100

**Skip Instructions:** If DWNPCT in [1..100,Dk,Rf] and STYPE = 4 Then  
OWNLOT1  
Elseif DWNPCT in [1..100,Dk,Rf] AND  
[(STYPE in [1,2] and CONDO = 3 and DRSHOP = Yes and (LTSQFTQ < 440000 or LTFT1Q\*LTFT2Q < 440000 or LTACQ < 10 or ACRES < 10 or LTAC10P = No)) OR  
(STYPE in [1,2] and CONDO = 3 and DRSHOP = Yes and LOTV = Yes and (I\_LTSQFTQ < 440000 or I\_LTFT1Q\*I\_LTFT2Q < 440000 or I\_LTACQ < 10)) OR  
(STYPE in [1,2] and CONDO = 3 and (LTSQFTQ >= 440000 or LTFT1Q\*LTFT2Q >= 440000 or LTACQ >= 10 or ACRES >= 10 or LTAC10P = Yes)) OR  
(STYPE in [1,2] and CONDO = 3 and LOTV = Yes and (I\_LTSQFTQ >= 440000 or

I\_LTFT1Q\*I\_LTFT2Q >= 440000 or I\_LTACQ >= 10)) OR (STYPE = 3 and CONDO = 3)] Then  
 PVALUE  
 Elseif DWNPCT in [1..100,Dk,Rf] Then  
 VALUE1

**Name:** FRSTHO

**SAS Name:** FRSTHO

**Universe Description:** Homes that are owned.

**Question Text:** Have ^you\_any ever owned a home before?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If FRSTHO in [Yes,No,Dk,Rf] and STYPE = 4 Then  
 OWNLOT1  
 Elseif FRSTHO in [Yes,No,Dk,Rf] AND  
 [(STYPE in [1,2] and CONDO = 3 and DRSHOP = Yes and (LTSQFTQ < 440000 or  
 LTFT1Q\*LTFT2Q < 440000 or LTACQ < 10 or ACRES < 10 or LTAC10P = No)) OR  
 (STYPE in [1,2] and CONDO = 3 and DRSHOP = Yes and LOTV = Yes and  
 (I\_LTSQFTQ < 440000 or I\_LTFT1Q\*I\_LTFT2Q < 440000 or I\_LTACQ < 10)) OR  
 (STYPE in [1,2] and CONDO = 3 and (LTSQFTQ >= 440000 or LTFT1Q\*LTFT2Q >= 440000 or LTACQ >= 10 or ACRES >= 10 or LTAC10P = Yes)) OR  
 (STYPE in [1,2] and CONDO = 3 and LOTV = Yes and (I\_LTSQFTQ >= 440000 or  
 I\_LTFT1Q\*I\_LTFT2Q >= 440000 or I\_LTACQ >= 10)) OR (STYPE = 3 and CONDO = 3)] Then  
 PVALUE  
 Elseif FRSTHO in [Yes,No,Dk,Rf] Then  
 VALUE1

**Name:** OWNLOT1

**SAS Name:** OWNLOT1

**Universe Description:** Manufactured/mobile homes.

**Question Text:** Do you own the land on which the manufactured/mobile home sits?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |



**Skip Instructions:** If OWNLOT1 = Yes and TENURE = 1 Then  
LVALUE  
Elseif OWNLOT1 in [No,Dk,Rf] and TENURE = 1 Then  
VALUE1  
Elseif OWNLOT1 in [Yes,No,Dk,Rf] and TENURE in [2,3] Then  
Exit Module

---

**Name:** LVALUE

**SAS Name:** LVALUE

**Universe Description:** Owns land on which manufactured/mobile home sits.

**Question Text:** How much do you think the land would sell for on today's market?

Enter 9999998 for \$9,999,998 or more

**Skip Instructions:** If LVALUE in [1..9999998,Dk,Rf]and TENURE = 1 Then  
VALUE1  
Elseif LVALUE in [1..9999998,Dk,Rf]and TENURE in [2,3] Then  
Exit Module

---

**Name:** VACANCY

**SAS Name:** VACANCY

**Universe Description:**

**Answer List:** VACANCY

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                         |
|---------------|------------------|---|
| 1             |                  | For rent only                               |
| 2             |                  | For rent or for sale                        |
| 3             |                  | Fpr sale only                               |
| 4             |                  | Rented, but not yet occupied                |
| 5             |                  | Spld, but not yet occupied                  |
| 6             |                  | Held for occasional use throughout the year |
| 7             |                  | Other; specify                              |
| 8             |                  | Seasonal-Summer only                        |
| 9             |                  | Seasonal-Winter only                        |
| 10            |                  | Other seasonal; specify                     |
| 11            |                  | Migratory                                   |

---

**Name:** MOVAC

**SAS Name:** MOVAC

**Universe Description:** Vacant interviews only.

**Question Text:** How many months has that ^HTYPEFILL been vacant?

If 1 to 24, enter number of months  
If less than 1 month, enter 0  
If over 2 years, enter 25  
If never occupied, enter 26

**Skip Instructions:** If MOVAC in [0..26,Dk,Rf] Then  
VACANC1

---

**Name:** VACANC1

**SAS Name:** VACANC1

**Universe Description:** Vacant and URE interviews.

**Question Text:** Is ^the\_that ^HTYPEFILL INTENDED for year-round use, for  
occupancy only on a seasonal basis, or for use by migrant workers?

**Answer List:** VACANC1

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>     |
|---------------|------------------|-------------------------|
| 1             |                  | Year round              |
| 8             |                  | Seasonal-Summer only    |
| 9             |                  | Seasonal-Winter only    |
| 10            |                  | Other seasonal; specify |
| 11            |                  | Migratory               |

---

**Skip Instructions:** If VACANC1 in [1,8,9,11,Dk,Rf]  
MOPERM  
Elseif VACANC1 = 10 Then  
VCNC1SP

---

**Name:** VCNC1SP

**SAS Name:** VCNC1SP

**Universe Description:** Vacancy status is other than year-round, seasonal, or migratory.

**Question Text:** Specify other seasonal use

**Skip Instructions:** If VCNC1SP <> Empty Then  
MOPERM

---

**Name:** MOPERM

**SAS Name:** MOPERM

**Universe Description:** Answered the "vacancy status" question.

**Question Text:** How many months has it been since ^the\_that ^HTYPEFILL  
was occupied as a permanent home?

If 1 to 24, enter number of months  
 If less than 1 month, enter 0  
 If over 2 years, enter 25  
 If never occupied as a permanent home, enter 26

**Skip Instructions:** If MOPERM in [0..26,Dk,Rf] and VACANC1 = 1 Then  
 TIMSHR  
 Elseif MOPERM in [0..26,Dk,Rf] and VACANC1 in [8..11,Dk,Rf] Then  
 YRRND

**Name:** YRRND

**SAS Name:** YRRND

**Universe Description:** Answered the "months occupied" question at homes for seasonal/migratory use.

**Question Text:** Does the construction and heating of ^the\_that ^HTYPEFILL  
 make it suitable for year-round use?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If YRRND in [Yes,No,Dk,Rf] Then  
 TIMSHR

**Name:** TIMSHR

**SAS Name:** TIMSHR

**Universe Description:** Vacant and URE interviews.

**Question Text:** Is the ownership of ^the\_that ^HTYPEFILL time-shared?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If TIMSHR in [Yes,No,Dk,Rf] and VACANC1 = 1 Then  
 VACANC2  
 Elseif TIMSHR in [Yes,No,Dk,Rf] and (VACANC1 = 11 or (VACANC1 in [Dk,Rf] and  
 ISTATUS = 3)) and  
 [(STYPE in [1,2] and CONDO = 3 and (LTSQFTQ < 440000 or LTFT1Q\*LTFT2Q <  
 440000 or LTACQ < 10 or ACRES < 10 or LTAC10P = No and DRSHOP = Yes)) OR  
 (STYPE in [1,2] and CONDO = 3 and (LTSQFTQ >= 440000 or LTFT1Q\*LTFT2Q >=

440000 or LTACQ >= 10 or ACRES >= 10 or LTAC10P = Yes)) OR  
(STYPE = 3 and CONDO = 3)] Then  
PVALUE  
Elseif TIMSHR in [Yes,No,Dk,Rf] and [(VACANC1 in [8..10,Dk,Rf] and ISTATUS = 2)  
or (VACANC1 in [8..10] and ISTATUS = 3)] Then  
SNITEV

**Name:** VACANC2

**SAS Name:** VACANC2

**Universe Description:** Units intended for year round use.

**Question Text:** ^Does\_Is ^HTYPEFILL ^to\_be...

Read bold categories

**Answer List:** VACANC2

| Value: | Mnemonic: | Description:                                 |
|--------|-----------|--|
| 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                               |

**Skip Instructions:** If VACANC2 = 7 Then

VCNC2SP

Elseif (VACANC2 in [1..6,Dk,Rf] and ISTATUS = 2) or (VACANC2 = 6 and ISTATUS = 3) Then

SNITEV

Elseif VACANC2 in [3,5,7,Dk,Rf] and ISTATUS = 3 and

[(STYPE in [1,2] and CONDO = 3 and (LTSQFTQ < 440000 or LTFT1Q\*LTFT2Q < 440000 or LTACQ < 10 or ACRES < 10 or LTAC10P = No and DRSHOP = Yes)) OR  
(STYPE in [1,2] and CONDO = 3 and (LTSQFTQ >= 440000 or LTFT1Q\*LTFT2Q >= 440000 or LTACQ >= 10 or ACRES >= 10 or LTAC10P = Yes)) OR  
(STYPE = 3 and CONDO = 3)] Then

PVALUE

Elseif VACANC2 in [1,2,4] and ISTATUS = 3 Then

Exit Module

**Name:** VCNC2SP

**SAS Name:** VCNC2SP

**Universe Description:** Vacancy status is other than for rent/sale/occasional use.

**Question Text:** Specify other year round use

**Skip Instructions:** If VCNC2SP <> Empty and ISTATUS = 2 Then

SNITEV

Elseif VCNC2SP <> Empty and ISTATUS = 3 and

[(STYPE in [1,2] and CONDO = 3 and (LTSQFTQ < 440000 or LTFT1Q\*LTFT2Q < 440000 or LTACQ < 10 or ACRES < 10 or LTAC10P = No and DRSHOP = Yes)) OR (STYPE in [1,2] and CONDO = 3 and (LTSQFTQ >= 440000 or LTFT1Q\*LTFT2Q >= 440000 or LTACQ >= 10 or ACRES >= 10 or LTAC10P = Yes)) OR

(STYPE = 3 and CONDO = 3)] Then

PVALUE

---

**Name:** SNITEV

**SAS Name:** SNITEV

**Universe Description:** Vacant units for seasonal/migratory/occasional use and all UREs except units for migratory use.

**Question Text:** In the past year, how many nights did the owner(s) stay ^here\_there2?

**Answer List:** Nights

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | 0-2 nights          |
| 2             |                  | 3-7 nights          |
| 3             |                  | 8 or more nights    |

---

**Skip Instructions:** If SNITEV in [1..3,Dk,Rf] Then

SRENTV

---

**Name:** SRENTV

**SAS Name:** SRENTV

**Universe Description:** Answered the # nights stayed question.

**Question Text:** In the past year, how many nights was ^the\_that unit rented out?

**Answer List:** Nights

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | 0-2 nights          |
| 2             |                  | 3-7 nights          |
| 3             |                  | 8 or more nights    |

---

**Skip Instructions:** If SRENTV in [1..3,Dk,Rf] Then

WHYOWN

---

**Name:** WHYOWN

**SAS Name:** WHYOWN

**Universe Description:** Answered the # nights rented question.

**Question Text:** Which of the following reasons is why the owner(s) own this ^HTYPEFILL? Because...

Read answer categories

Enter all that apply, separate with commas

**Answer List:** WHYOWN

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                                    |
|---------------|------------------|--|
| 1             | Previous Res     | It was a previous usual residence                      |
| 2             | Recreational     | It is used for recreational purposes                   |
| 3             | Investment       | It is for investment purposes                          |
| 4             | For Sale         | Owner(s) wish to sell it but have not yet been able to |
| 5             | Inherited        | It was inherited                                       |
| 6             | Other            | Some other reason; specify                             |

---

**Skip Instructions:** If WHYOWN = 6 Then  
SOTHSP  
Elseif WHYOWN in [1..5,Dk,Rf] Then  
S150MV

---

**Name:** SOTHSP

**SAS Name:** SOTHSP

**Universe Description:** Reason unit owed is other than reasons listed in WHYOWN.

**Question Text:** Specify other reason owned

**Skip Instructions:** If SOTHSP <> Empty Then  
S150MV

---

**Name:** S150MV

**SAS Name:** S150MV

**Universe Description:** Answered "reason home is owned" question.

**Question Text:** Is this unit within 150 miles of the owner's current residence?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If S150MV in [Yes,No,Dk,Rf] and  
[(STYPE in [1,2] and CONDO = 3 and (LTSQFTQ < 440000 or LTFT1Q\*LTFT2Q <  
440000 or LTACQ < 10 or ACRES < 10 or LTAC10P = No and DRSHOP = Yes)) OR  
(STYPE in [1,2] and CONDO = 3 and (LTSQFTQ >= 440000 or LTFT1Q\*LTFT2Q >=  
440000 or LTACQ >= 10 or ACRES >= 10 or LTAC10P = Yes)) OR  
(STYPE = 3 and CONDO = 3)] Then  
PVALUE

---

**Name:** VALUE  
**SAS Name:** VALUE  
**Universe Description:**

---

**Name:** VRHMR  
**SAS Name:** VRHMR  
**Universe Description:** Major repairs, etc. made

---

**Name:** VRDIS  
**SAS Name:** VRDIS  
**Universe Description:** Unit disaster changed value.

---

**Name:** VRLAND  
**SAS Name:** VRLAND  
**Universe Description:** Land sale/purchase changed value.

---

**Name:** VRDEVL  
**SAS Name:** VRDEVL  
**Universe Description:** Area development changed value.

---

**Name:** VRADIS  
**SAS Name:** VRADIS  
**Universe Description:** Area disaster changed value.

---

**Name:** VRECON  
**SAS Name:** VRECON  
**Universe Description:** Changes in economy changed value.

---

**Name:** VRZONE  
**SAS Name:** VRZONE  
**Universe Description:** Rezoning changed value.

---

**Name:** VRPYWG

**SAS Name:** VRPYWG

**Universe Description:** Previous response wrong.

---

**Name:** VRCYWG

**SAS Name:** VRCYWG

**Universe Description:** Current response wrong.

---

**Name:** VROTH

**SAS Name:** VROTH

**Universe Description:** Value changed for other reason.

---

**Name:** RETCALK

**SAS Name:**

**Universe Description:**

---

**Name:** RETCALK1

**SAS Name:**

**Universe Description:**

---

**Name:** RETCALK2

**SAS Name:**

**Universe Description:**

---

**Name:** PVALUE

**SAS Name:** PVALUE

**Universe Description:** Multi-unit buildings; or single unit houses that sit on either 10+ acres or on less than 10 acres but have a business on the property; exclude condos/coops.

**Question Text:** How much do you think the ^RETUNIT1 would sell for on today's market?

**Skip Instructions:** If PVALUE in [1..9999998,Dk,Rf] and (VACANCY in [3,6..11,Dk,Rf,Empty] or TIMSHR in [Yes,Dk,Rf,Empty])Then  
VALUE1  
Elseif PVALUE in [1..9999998,Dk,Rf] and VACANCY 5 and TIMSHR = No Then  
VALUE3

---

**Name:** VALUE1

**SAS Name:** VALUE1

**Universe Description:** Regular, occupied units that are owned; URE units; and Vacant units that are not rentals and are unsold.



**Question Text:** ^RETSELL ^RETUNIT2  
^sell\_for  
  
^not\_land

**Skip Instructions:** If VALUE1 in [1..9999998,Dk,Rf] and ISTATUS = 1 and RETCALC in [0,2] Then  
MARKT  
Elseif VALUE1 in [1..9999998,Dk,Rf] and ISTATUS in [2,3] and RETCALC in [0,2]  
Then  
Exit Module  
Elseif VALUE1 in [1..9999998,Dk,Rf] and RETCALC = 1 Then  
VALCHNG

---

**Name:** VALCHNG

**SAS Name:** VALCHNG

**Universe Description:** Value changed by more than 35% since last interview.

**Question Text:** Last time we interviewed your household, the value of the ^mh\_property at which you live was reported to be \$^I\_VALUE. This time you reported the value to be \$^VALUE. This represents a substantial change. What is the reason for the large difference?

Enter all that apply, separate with commas

**Answer List:** VALCHNG

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|---|
| 1             |                  | Major repairs, alterations, additions, or improvements have since been made |
| 2             |                  | Unit involved in disaster or partial demolition which changed the value     |
| 3             |                  | Sold or purchased land  |
| 4             |                  | Area has been much more developed   |
| 5             |                  | Area has had major disaster   |
| 6             |                  | Changes in economy  |
| 7             |                  | Rezoning  |
| 8             |                  | Previous response was wrong   |
| 9             |                  | Current response was wrong  |
| 10            |                  | Other response; specify   |

---

**Skip Instructions:** If VALCHNG in [1..8,Dk,Rf] and ISTATUS = 1 Then  
MARKT  
Elseif VALCHNG in [1..8,Dk,Rf] and ISTATUS in [2,3] Then  
Mortgage Module  
Elseif VALCHNG = 9 Then  
VALUE2R  
Elseif VALCHNG = 10 Then

VRSP

---

**Name:** VRSP

**SAS Name:** VRSP

**Universe Description:** Reason for value change is other than reasons listed in VALCHNG.

**Question Text:** Specify other reason value changed

**Skip Instructions:** If VRSP <> Empty and ISTATUS = 1 Then  
MARKT  
Elseif VRSP <> Empty and ISTATUS in [2,3] Then  
Mortgage Module

---

**Name:** VALUE2R

**SAS Name:** VALUE2R

**Universe Description:** VALUE1 response incorrect.

**Question Text:** Let me repeat the question and correct what I have recorded.  
^RETSELL ^RETUNIT2  
^sell\_for  
  
^not\_land

**Skip Instructions:** If VALUE2R in [1..9999998,Dk,Rf] and ISTATUS = 1 Then  
MARKT  
Elseif VALUE2R in [1..9999998,Dk,Rf] and ISTATUS in [2,3] Then  
Mortgage Module

---

**Name:** VALUE3

**SAS Name:** VALUE3

**Universe Description:** Vacant and URE interviews at units that are sold and are not time-shared.

**Question Text:** What was the purchase price?

**Skip Instructions:** If VALUE3 in [1..9999998,Dk,Rf] and ISTATUS = 1 Then  
MARKT  
Elseif VALUE3 in [1..9999998,Dk,Rf] and ISTATUS in [2,3] Then  
Mortgage Module

---

**Name:** MARKT

**SAS Name:** MARKT

**Universe Description:** Regular, occupied interviews at homes that are owned.

**Question Text:** Is this home currently for rent or sale?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If MARKET = Yes Then  
MARKET  
Elseif MARKET in [No,Dk,Rf] Then  
NROWNR

---

**Name:** MARKET  
**SAS Name:** MARKET  
**Universe Description:** Home is currently for rent or sale.

**Question Text:** Is it for -

Read all categories

**Answer List:** MARKET

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Rent only?          |
| 2             |                  | Rent or for sale?   |
| 3             |                  | Sale only?          |

---

**Skip Instructions:** If MARKET in [1..3,Dk,Rf] Then  
NROWNR

---

**Name:** NROWNR  
**SAS Name:** NROWNR  
**Universe Description:** Regular, occupied interviews at homes that are owned.

**Question Text:** Is the ownership of the ^HTYPEFILL shared with anyone NOT  
living here?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If NROWNR in [Yes,No,Dk,Rf] Then  
NRPAYM

---

**Name:** NRPAYM

**SAS Name:** NRPAYM

**Universe Description:** Answered shared ownership question.

**Question Text:** Does anyone not living here pay some of the mortgage or utility costs?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If NRPAYM in [Yes,No,Dk,Rf] Then  
Mortgage Module

---

**Name:** MORTBEGIN

**SAS Name:**

**Universe Description:** All interview cases

**Question Text:** DO NOT READ THIS SCREEN

FR NOTE -- THIS BEGINS THE MORTGAGE MODULE

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If ISTATUS = RegOcc and TENURE = Owned and RESPLINE = owner or owner's spouse Then  
MORTINTRO  
If ISTATUS = RegOcc and TENURE = Owned and RESPLINE <> owner or owner's spouse Then  
MORTCALLBK  
If ISTATUS <> RegOcc or TENURE <> Owned Then  
MORTEND

---

**Name:** MORTCALLBK

**SAS Name:**

**Universe Description:** Reg Occ.and owned but respondent is not eligible to answer mortgage questions

**Question Text:** WARNING

THE RESPONDENT IS NOT ELIGIBLE TO ANSWER THE QUESTIONS ABOUT MORTGAGES OR OTHER LOANS SECURED BY THE PROPERTY. YOU WILL BE INSTRUCTED AT THE END OF THIS INTERVIEW

TO ARRANGE A CALLBACK TO SPEAK WITH THE OWNER, SPOUSE  
OF THE OWNER, AND/OR CO-OWNER.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If MORTCALLBK = 1 Then  
MORTEND

---

**Name:** MORTINTRO

**SAS Name:** MORTINTRO

**Universe Description:** Reg. occ., owned and respondent is eligible to answer mortgage questions

**Question Text:** The next questions are about mortgages and 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.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If MORTINTRO = 1 Then  
MG

If MORTINTRO = Arrange callback to speak with spouse and/or co-owner, or to provide respondent time to research information Then  
MORTEND

---

**Name:** MG

**SAS Name:** MG

**Universe Description:** Reg. occ., owned, respondent eligible to answer mortgage questions, and no callback needed per MORTINTRO

**Question Text:** Not counting home equity loans, is there a mortgage or any loans on this ^HTYPEFILL?

This includes land contracts

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |

---

**Skip Instructions:** If MG = Yes Then  
REGMOR  
If MG = No, DK, or RF Then  
HELUMP

**Name:** REGMOR

**SAS Name:** REGMOR

**Universe Description:** Mortgage or loan other than home equity reported

**Question Text:** How many mortgages (or loans) are there now on the ^HTYPEFILL?

Do not count home equity loans

**Skip Instructions:** If REGMOR = 1..7, DK, RF Then  
HELUMP

**Name:** HELUMP

**SAS Name:** HELUMP

**Universe Description:** Reg. occ., owned and respondent is eligible to answer mortgage questions

**Question Text:** Do you ^also have a LUMP SUM home equity loan, that is, a home equity loan that is paid out in a one-time lump-sum amount and that must be repaid over a period of time?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If HELUMP = yes Then  
HELUMN  
If [HELUMP = No and (MG=Yes, DK,RF or MG= No and NRPAYM = No, DK,RF)]  
OR If [HELUMP = DK , RF]Then  
HELC  
If HELUMP = No and MG = No and NRPAYM = Yes Then  
MGP1

**Name:** HELUMN

**SAS Name:** HELUMN

**Universe Description:** Lump sum home equity loan reported.

**Question Text:** How many LUMP SUM home equity loans do you have?

**Skip Instructions:** If HELUMN = 1..10, DK, RF Then  
HELCL

---

**Name:** HELCL

**SAS Name:** HELCL

**Universe Description:** reg. occ., owned, and respondent eligible to answer mortgage questions.

**Question Text:** Do you ^also have a home equity LINE OF CREDIT, that is, a home equity loan that allows you to borrow against it as often as you wish, up to a fixed limit?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If HELCL = Yes Then  
HELCLN

If HELCL = No and MORTFL = 1 and REGMOR = 1 Then  
LANDC

If [HELCL = DK, RF and MORTFL = 1 and REGMOR = 1] or [HELCL = No, DK, RF and  
(MORTFL = 1 and REGMOR >= 2 and <= 7) or (MORTFL = 2,3)] Then  
BLKINTRO

If NOMORTFL = 0 and Owner/owner's spouse >= 62 Then  
RAM

If [NOMORTFL = 0 and Owner or owner's spouse < 62] or [HELCL = No, DK, RF and  
NOMORTFL = empty and MORTFL = 0] Then  
MORTEND

---

**Name:** HELCLN

**SAS Name:** HELCLN

**Universe Description:** Line of credit home equity loan reported

**Question Text:** How many home equity LINES OF CREDIT do you have?

**Skip Instructions:** If HELCLN = 1..10, DK, RF and MORTFL = 1, 2, 3 Then  
BLKINTRO

If HELCLN = 1..10, DK, RF and MORTFL = 0 Then  
HECR

---

**Name:** LANDC

**SAS Name:** LANDC

**Universe Description:** One regular mortgage and no home equity lump sum or line of credit loans reported.

**Question Text:** Is your mortgage a land contract?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If LANDC = Yes, No, DK, RF Then  
BLKINTRO

---

**Name:** MGP1

**SAS Name:** MGP1

**Universe Description:** No regular mortgage or lump sum home equity loan reported but someone not living here pays some of the mortgage or utility costs reported in NRPAYM in RET module. This could be an inconsistency.

**Question Text:** POSSIBLE PROBLEM

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?

**Answer List:** MGP1

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                               |
|---------------|------------------|---|
| 1             |                  | Previous answer to NRPAYM in RET module incorrect |
| 2             |                  | Utility costs only                                |
| 3             |                  | Mortgage costs only                               |
| 4             |                  | Both utility and mortgage costs                   |

---

**Skip Instructions:** If MGP1 = 3,4 Then  
MGP2  
If MGP1 = 1,2,DK,RF Then  
HELC

---

**Name:** MGP2

**SAS Name:** MGP2

**Universe Description:** Help with mortgage costs only or utility and mortgage costs reported

**Question Text:** POSSIBLE PROBLEM

Then there is a mortgage or other loan on this ^HTYPEFILL, is that correct?



**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If MGP2 = No, DK, RF Then  
HELK  
If MGP2 = Yes Then  
REGMOR

---

**Name:** SUMVER

**SAS Name:** SUMVER

**Universe Description:** At least one regular mortgage and/or one lump sum home equity loan and/or one home equity line of credit reported

**Question Text:** ^Earlier

^numregmort  
^numlumpsum  
^numcreditline

Is this correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if SUMVER = YES then  
BLKINTRO

---

**Name:** BLKINTRO

**SAS Name:** BLKINTRO

**Universe Description:** At least one regular mortgage or one lump sum home equity loan reported

**Question Text:**

^mortgage\_lumpsum

^FRinstruc

**Answer List:** Continue

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | Enter 1 to continue |

**Skip Instructions:** If MORTFL = 1 or [MORTFL = 3 and pass is for a reg. mort.] Then  
SUBMOR  
If this is the 1st or 2nd pass through BREGLUMP and [MORTFL = 2 or MORTFL = 3  
and pass is for a lump sum] Then  
MATBUY  
If this is the 3rd or 4th pass through BREGLUMP and [MORTFL = 2 or MORTFL = 3  
and pass is for a lump sum] Then  
AMMORT2

---

**Name:** SUBMOR  
**SAS Name:** SUBMOR  
**Universe Description:** At least 1 reg. mort. or lump sum home equity loan reported

**Question Text:** ^SUBMORintro

Did you get the ^mortgage\_nummortgage through a State or local government program that provides lower cost mortgages?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If this is 1st or 2nd pass through BREGLUMP Then  
MATBUY  
If this is 3rd or 4th pass through BREGLUMP then  
AMMORT2

---

**Name:** MATBUY  
**SAS Name:** MATBUY  
**Universe Description:** At least 1 reg. mort. or lump sum home equity loan reported.

Also see stores in BLKINTRO if a lump sum

**Question Text:** ^Now\_First ^MATBUYintro

Did you get the ^current the same year you ^acquired\_bought your home?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

|   |     |
|---|-----|
| 1 | Yes |
| 2 | No  |

**Skip Instructions:** If MATBUY = 2 and [MORTFL = 2 or MORTFL = 3 and pass is for a lump sum] Then  
 YRMOR  
 If MATBUY = 2 and [MORTFL = 1 or MORTFL = 3 and pass is for a reg. mort.] Then  
 REFI  
 If MATBUY = 1, DK, RF and [MORTFL = 2 or MORTFL = 3 and pass is for a lump  
 sum] Then  
 TERM2  
 If MATBUY = 1, DK, RF and [MORTFL = 1 or MORTFL = 3 and pass is for a reg.  
 mort.] Then  
 NEWMOR

**Name:** NEWMOR

**SAS Name:** NEWMOR

**Universe Description:** At least 1 reg. mort. or lump sum home equity loan reported

Also see stores in MATBUY if a lump sum

**Question Text:** With regard to the ^mortgage\_nummortgage, did you get a new mortgage  
 or did you assume someone else's mortgage?

**Answer List:** NEWMOR

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | New          |
| 2      |           | Assumed      |
| 3      |           | Wrap around  |

**Skip Instructions:** If NEWMOR = new, DK, RF Then  
 REFI  
 IF NEWMOR = assumed Then  
 AMMORT1  
 If NEWMOR = wrap around then  
 TERM2

**Name:** AMMORT1

**SAS Name:** AMMORT1

**Universe Description:** Assumed a mortgage

**Question Text:** How much was left to pay off when you assumed it?

(1-9999997) \$1 - \$9,999,997

(9999998) \$9,999,998 or more

**Skip Instructions:** If AMMORT1 = 1..9999998, DK, RF then  
TERM1

---

**Name:** TERM1  
**SAS Name:** TERM1  
**Universe Description:** Assumed a mortgage

**Question Text:** How many years remained on the mortgage then?

**Skip Instructions:** If TERM1 = 1..40, DK, RF Then  
PINCOP

---

**Name:** REFI  
**SAS Name:** REFI  
**Universe Description:** Did not get loan/mort same year as home and series is for a reg.mort  
OR New mortgage or DK/RF to say if its a new mortgage

Also see stores for MATBUY if a lump sum loan.

**Question Text:** Was this mortgage a refinancing of a previous mortgage?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If REFI = Yes Then  
REFNREAS  
If REFI = No, DK, RF and MATBUY = Yes , DK, RF and NEWMOR = New, DK, RF  
Then  
TERM2  
If REFI = No, DK, RF and MATBUY = No Then  
YRMOR

---

**Name:** REFNREAS  
**SAS Name:** REFNREAS  
**Universe Description:** Mortgage refinanced

**Question Text:** What were the reasons for refinancing this mortgage?

Enter all that apply

**Answer List:** REFNREAS

| Value: | Mnemonic: | Description:  |
|--------|-----------|---|
| 1      |           | To get a lower interest rate  |
| 2      |           | To reduce the monthly payment   |
| 3      |           | To increase the payment period for the mortgage   |
| 4      |           | To reduce the payment period for the mortgage   |
| 5      |           | To renew or extend a loan that has fallen due, without increasing the outstanding balance |
| 6      |           | To receive cash or increase the outstanding balance of the loan                           |
| 7      |           | Other reason, specify   |

**Skip Instructions:** If GTCASH = X Then  
CASH  
If OTHREF = X Then  
OTRFSP  
If OTHREF = empty and GETCASH = empty and MATBUY = Yes, DK, RF and  
NEWMOR = New, DK, RF Then  
TERM2  
If OTHREF = empty and GTCASH = empty and MATBUY = No Then  
YRMOR

**Name:** OTRFSP  
**SAS Name:** OTRFSP  
**Universe Description:** Other reasons given for refinancing

**Question Text:** (Record other reasons for refinancing)

**Skip Instructions:** If GETCASH = X Then  
CASH  
If GTCASH = empty and MATBUY = No Then  
YRMOR  
If GETCASH = empty and MATBUY = Yes, DK, RF and NEWMOR = New, DK, RF  
Then  
TERM2

**Name:** CASH  
**SAS Name:** CASH  
**Universe Description:** To receive cash or increase outstanding balance given as reason for refinancing.

**Question Text:** How much cash did you receive?

**Skip Instructions:** If CASH = 1..999998, DK, RF Then  
ADDTNS

**Name:** ADDTNS

**SAS Name:** ADDTNS

**Universe Description:** To receive cash or increase outstanding balance given as reason for refinancing.

**Question Text:** What percentage was used for additions, improvements or repairs to the home?

**Skip Instructions:** If ADDTNS = 0..100, DK, RF and MATBUY = No Then  
YRMOR

If ADDTNS = 0..100, DK, RF and MATBUY = Yes, DK, RF and NEWMOR = New,  
DK, RF Then  
TERM2

---

**Name:** YRMOR

**SAS Name:** YRMOR

**Universe Description:** Did not get mortgage/loan the same year as house.

**Question Text:** What year did you get the the ^mortgage\_loan?

**Skip Instructions:** If YRMOR = 1900..2006, DK, RF Then  
TERM2

---

**Name:** TERM2

**SAS Name:** TERM2

**Universe Description:** At least 1 reg. mort. or lump sum home equity loan reported and the mortgage is either new or a wrap around.

**Question Text:** When you first obtained THIS ^mortgage\_loan how many years was it for?

Enter 0 if it varies.

**Skip Instructions:** If TERM2 = 0..14 Then  
AMRTZ  
If TERM2 = 15..40, DK, RF Then  
AMMORT2

---

**Name:** AMRTZ

**SAS Name:** AMRTZ

**Universe Description:** 1-14 years remaining on mortgage/lump sum loan or it varies (0)

**Question Text:** At your current payments, how long would it take to pay off the loan?

**Skip Instructions:** If AMRTZ = 1..40, DK, RF Then  
AMMORT2

---

**Name:** AMMORT2

**SAS Name:** AMMORT2

**Universe Description:** At least 1 reg. mort or lump sum home equity loan reported and it is not assumed.

**Question Text:** ^amountques

^HELck

**Skip Instructions:** If AMMORT2 = 1..9999998, DK, RF and this is 1st or 2nd pass through BREGLUMP  
Then

PINCOP

If AMMORT2 = 1..9999998, DK, RF and this is the 3rd or 4th pass through  
BREGLUMP Then

PMT

---

**Name:** PINCOP

**SAS Name:** PINCOP

**Universe Description:** At least 1 reg. mort or lump sum home equity loan reported

**Question Text:** Does this ^mortgage\_loan cover - -

Other homes or apartments besides this one?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If PINCOP = Yes, No, DK, RF Then  
MFARM

---

**Name:** MFARM

**SAS Name:** MFARM

**Universe Description:** At least 1 reg. mort or lump sum home equity loan reported

**Question Text:** (Does this ^mortgage\_loan cover - - )

Farm Land?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If MFARM = Yes, No, DK, RF Then  
MCOM

**Name:** MCOM

**SAS Name:** MCOM

**Universe Description:** At least 1 reg. mort or lump sum home equity loan reported

**Question Text:** (Does this ^mortgage\_loan cover - - )

A business on this property?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If PINCOP = No, DK, RF and MFRM = No, DK, RF and MCOM = No, DK, RF Then  
INTW  
If PINCOP = Yes or MFRM = Yes or MCOM = Yes Then  
RESMOR

---

**Name:** RESMOR

**SAS Name:** RESMOR

**Universe Description:** Payment covers other home/apts, farm land, or business on property.

**Question Text:** How much of the \$ ^number\_amount applies just to your home?

**Skip Instructions:** If RESMOR in [1..9999998] and RESMOR > AMMORT2 Then  
E\_RESMOR  
If (RESMOR in [1..9999998] and RESMOR <= AMMORT2) or RESMOR in [DK,RF]  
Then  
INTW

---

**Name:** INTW

**SAS Name:** INTW

**Universe Description:** At least 1 reg. mort or lump sum home equity loan reported

**Question Text:** What is the current interest rate on the ^mortgage\_loan?

For example 6 1/4%: Enter 6 here and fraction on next screen

**Skip Instructions:** If INTW = 1..20 Then  
INTF  
If INTW = DK, RF Then  
PMT

---

**Name:** INTF



**SAS Name:** INTF

**Universe Description:** Whole interest rate number reported for mortgage/loan

**Question Text:** (What is the current interest rate on the ^mortgage\_loan? - Fraction)

Round down to nearest 1/8 percent

**Answer List:** INTF

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 0             |                  | 0 - no fraction     |
| 1             |                  | 1/8 (.125%)         |
| 2             |                  | 1/4 (.25%)          |
| 3             |                  | 3/8 (.375%)         |
| 4             |                  | 1/2 (.5%)           |
| 5             |                  | 5/8 (.625%)         |
| 6             |                  | 3/4 (.75%)          |
| 7             |                  | 7/8 (.875%)         |

---

**Skip Instructions:** If INTF = see answer list for actual text of categories, DK, RF Then  
PMT

---

**Name:** PMT

**SAS Name:** PMT

**Universe Description:** At least 1 reg. mort or lump sum home equity loan reported

**Question Text:** ^PMTques

(Include as much PITI as they pay)

**Skip Instructions:** If PMT = 1..9998, DK, RF and if on 1st or 2nd pass through BREGLUMP Then  
TAXPMT

---

**Name:** TAXPMT

**SAS Name:** TAXPMT

**Universe Description:** At least 1 reg. mortgage or lump sum home equity loan reported

**Question Text:** Besides principal and interest, does the payment include - -

Property taxes?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |

---

---

2

No

---

**Skip Instructions:** If TAXPMT = Yes, No, DK, RF Then  
INSPMT

---

**Name:** INSPMT

**SAS Name:** INSPMT

**Universe Description:** At least 1 reg. mortgage or lump sum home equity loan reported

**Question Text:** (Besides principal and interest, does the payment include - - )

Homeowner's insurance?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** If INSPMT = Yes, No, DK, FR Then  
PMIPMT

---

**Name:** PMIPMT

**SAS Name:** PMIPMT

**Universe Description:** At least 1 reg. mortgage or lump sum home equity loan reported

**Question Text:** (Besides principal and interest, does the payment include - - )

Private Mortgage Insurance?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** If PMIPMT = Yes, No, DK, RF Then  
OTHPMT

---

**Name:** OTHPMT

**SAS Name:** OTHPMT

**Universe Description:** At least 1 reg. mortgage or lump sum home equity loan reported

**Question Text:** (Besides principal and interest, does the payment include - - )

Anything else? (Exclude anything already mentioned)

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF OTHPMT = Yes and PMIPMT = No, DK, RF Then  
AMTM  
If OTHPMT = Yes, No, DK, RF and PMIPMT = Yes Then  
PMIAMT  
If OTHPMT = No, DK, RF and PMIPMT = No, DK, RF and [MORTFL = 1 or MORTFL = 3 and series is for a reg. mort.] Then  
MORTIN  
If OTHPMT = No, DK, RF and PMIPMT = No, DK, RF and [MORTFL = 2 or MORTFL = 3 and series is for a lump sum loan ] Then  
VARY

---

**Name:** PMIAMT

**SAS Name:** PMIAMT

**Universe Description:** Payment includes PMI

**Question Text:** How much was the private mortgage insurance payment last year?

**Skip Instructions:** If PMIAMT =1..999998, DK, RF and OTHPMT = Yes Then  
AMTM  
If PMIAMT = 1..999998, DK, RF and OTHPMT = No, DK, RF and [MORTFL = 1 or MORTFL = 3 and series is for a reg. mort] Then  
MORTIN  
If PMIAMT = 1..999998, DK, RF and OTHPMT=No, DK, RF and [MORTFL = 2 or MORTFL = 3 and series is for a lump sum] Then  
VARY

---

**Name:** AMTM

**SAS Name:** AMTM

**Universe Description:** Monthly mortgage payment includes other charges besides taxes, insurance, or PMI

**Question Text:** How much were the other charges last year?

(Exclude property tax, homeowner's insurance and PMI)

**Skip Instructions:** If AMTM = 1..9999998, DK, RF and [MORTFL = 1 or MORTFL = 3 and series is for a reg. mort] Then  
MORTIN  
If AMTM = 1..9999998, DK, RF and [MORTFL = 2 or MORTFL = 3 and series is for a lump sum] Then

VARY

---

**Name:** MORTIN

**SAS Name:** MORTIN

**Universe Description:** At least 1 reg. mortgage or lump sum home equity loan reported

**Question Text:** Is the mortgage an FHA, VA, Rural Housing Service/Rural Development mortgage, or some other type?

**Answer List:** MORTIN

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|---|
| 1             |                  | FHA   |
| 2             |                  | VA  |
| 3             |                  | Rural Housing Service/Rural Development (Formerly Farmer's Loan Administration) |
| 4             |                  | Some other type   |

---

**Skip Instructions:** If MORTIN = FHA, VA Then  
VARY  
If MORTIN = Other, DK, RF Then  
BANK  
If MORTIN = Rural Housing Service/Rural Dev. and REFI = No Then  
PERUS

---

**Name:** BANK

**SAS Name:** BANK

**Universe Description:** Mortgage is other type or DK, RF

**Question Text:** Did you borrow money from a bank or other organization OR did you borrow it from an individual?

**Answer List:** BANK

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>  |
|---------------|------------------|----------------------|
| 1             |                  | Bank or Organization |
| 2             |                  | Individual           |

---

**Skip Instructions:** If BANK = Individual Then  
SELL  
If BANK = Bank or Organization, DK, RF Then  
VARY

---

**Name:** SELL

**SAS Name:** SELL

**Universe Description:** Borrowed from individual

**Question Text:** Was that the former owner of the home?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If SELL = Yes, No, DK, RF Then  
VARY

---

**Name:** VARY

**SAS Name:** VARY

**Universe Description:** Mortgage/loan type is not Rural Housing Service/ Rural Dev.

**Question Text:** Are the payments on this loan the same during the whole length of the  
^mortgage\_loan?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If VARY = No Then  
HOWVARY  
If VARY = Yes, DK, RF and REFI= No Then  
PERUS

---

**Name:** HOWVARY

**SAS Name:** HOWVARY

**Universe Description:** Payments not same during length of mortgage/loan

**Question Text:** How do they change?

Enter all that apply, seperate with commas

**Answer List:** HOWVARY

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|---|
| 1             |                  | Change in taxes or insurance or due to decline in principal balance |
| 2             |                  | Change based on interest rates                                      |

---

|   |   |
|---|---|
| 3 | Rise at fixed schedule during part of loan  |
| 4 | Rise at fixed schedule whole length of loan |
| 5 | Last payment the biggest                    |
| 6 | Other, specify                              |

**Skip Instructions:** If FIXED is only category marked, Then  
 ASK1  
 If BLOON marked, Then  
 ASK5  
 If VARM marked Then  
 VARMSP  
 If [any other combination of categories are marked or nothing is marked] and REFI =  
 No, Then  
 PERUS

**Name:** VARMSP

**SAS Name:** VARMSP

**Universe Description:** Other specify category was marked in reasons why monthly payment can change.

**Question Text:** Specify other reason why the monthly payment changes.

**Skip Instructions:** If BLOON marked in HOWVARY Then  
 ASK5  
 If REFI = No then  
 PERUS

**Name:** ASK1

**SAS Name:** ASK1

**Universe Description:** Changes in taxes or insurance, or due to decline in principal balance ONLY reason given for how payment can change.

**Question Text:** Do they change for any other reason?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If ASK1 = No, DK, RF and REFI = No Then  
 PERUS

**Name:** ASK5

**SAS Name:** ASK5

**Universe Description:** Last payment biggest is given as reason why payment can change

**Question Text:** Of the total amount you borrowed, what percentage will have to be paid off in this last payment?

**Answer List:** ASK5

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | 1-25 percent        |
| 2             |                  | 26-50 percent       |
| 3             |                  | 51-75 percent       |
| 4             |                  | 76-100 percent      |

---

**Skip Instructions:** If ASK5 = 1-25 percent, 26-50 percent, 51-75 percent, 76-100 percent, DK, FR and REFI = No Then  
PERUS

---

**Name:** PERUS1

**SAS Name:** PERUS1

**Universe Description:** Not a refinancing

**Question Text:** What percentage of this loan was used for the purchase of the home or additions, improvements or repairs to this home?

**Skip Instructions:** If MORTINTRO = Enter 1 to Continue Then  
MG  
If MORTINTRO = Arrange callback to speak with spouse and/or co-owner, or to provide respondent time to research information Then  
MORTEND

---

**Name:** MRLN

**SAS Name:** MRLN

**Universe Description:**

---

**Name:** HECR

**SAS Name:** HECR

**Universe Description:** At least 1 line of credit home equity loan reported or DK, RF to the number.

**Question Text:** ^earlier ^a\_number ^Line1\_Lines. ^line2\_lines

What is your total credit limit on your ^numlines

**Skip Instructions:** If HECR = 1..9999998, DK, RF Then  
HEBAL

---

**Name:** HEBAL

**SAS Name:** HEBAL

**Universe Description:** At least 1 line of credit home equity loan reported or DK, FR number

**Question Text:** Do you now have an outstanding loan borrowed against ^it\_numloan

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If HEBAL = 1 Then  
HEBAM  
If HEBAL = 2, DK, RF and [HELCN = 1, DK, RF or HELCN >= 2 and <= 10 and all  
lump sum loans accounted for up to 3+ ]Then  
MORTEND

---

**Name:** HEBAM

**SAS Name:** HEBAM

**Universe Description:** Outstanding balance reported for line of credit loan

**Question Text:** What is your current (outstanding) balance on the ^loan\_numloan?

**Skip Instructions:** If HEBAM = 1..9999998, DK, RF and this is 1st or 2nd time through BHELINE Then  
HEINTW  
If HEBAM = 1..9999998, DK, RF and this is 3rd pass through BHELINE Then  
HEPMT

---

**Name:** HEINTW

**SAS Name:** HEINTW

**Universe Description:** Outstanding balance amount reported or DK, RF

**Question Text:** What is the current interest rate on the ^loan\_numloan?

For example: 6 1/4% Enter 6 here and fraction on next screen

**Skip Instructions:** If HEINTW = 1..25 Then  
HEINTF  
If HEINTW = DK, RF Then  
HEPMT

---

**Name:** HEINTF

**SAS Name:** HEINTF

**Universe Description:** Whole interest rate reported for outstanding balance on line of credit loan

**Question Text:** (What is the current interest rate on the ^loan\_numloan? - Fraction)



Round down to nearest 1/8 percent

**Answer List:** INTF

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 0             |                  | 0 - no fraction     |
| 1             |                  | 1/8 (.125%)         |
| 2             |                  | 1/4 (.25%)          |
| 3             |                  | 3/8 (.375%)         |
| 4             |                  | 1/2 (.5%)           |
| 5             |                  | 5/8 (.625%)         |
| 6             |                  | 3/4 (.75%)          |
| 7             |                  | 7/8 (.875%)         |

---

**Skip Instructions:** If HEINTF = 0..7, DK, RF Then  
HEPMT

---

**Name:** HEPMT

**SAS Name:** HEPMT

**Universe Description:** Amount of outstanding balance for line of credit loan reported or DK, RF the amount

**Question Text:** What was your last monthly payment on the ^loan\_numloan

**Skip Instructions:** If HEPMT = 1..9998, DK, RF and this is the 1st or 2nd time through BHELINE Then  
IMPROV  
If HEPMT = 1..9998, DK, RF and this is 3rd time through BHELINE Then  
MORTEND

---

**Name:** IMPROV

**SAS Name:** IMPROV

**Universe Description:** Amount of outstanding balance for line of credit home equity loan reported or DK, RF.

**Question Text:** Did you use any of the funds for additions, improvements or repairs to this home?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If IMPROV = Yes, No, DK, RF and HELCN >= 1 and <= 10 and all home equity lines  
of credit accounted for up to 3+ Then  
MORTEND

---

**Name:** MRLN

**SAS Name:** MRLN

**Universe Description:**

---

**Name:** RAM

**SAS Name:** RAM

**Universe Description:** Respondent has not reported a regular mortgage, a home equity lump sum loan or a home equity line of credit loan and the owner or owner's spouse is 62+ years old.

**Question Text:** 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 back 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.

Do you have this type of mortgage?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If RAM = Yes, No, DK, RF Then  
MORTEND

---

**Name:** MORTEND

**SAS Name:**

**Universe Description:**

**Skip Instructions:** If RAM = Yes, No, DK, RF Then  
MORTEND

---

**Name:** AMTXQ

**SAS Name:** AMTXQ

**Universe Description:** Reg. owner occ. or a URE/Vacant unit intended for year around use that is for sale only/sold not yet occupied.

**Question Text:** ^AMTXQA

^AMTXQB

^AMTXQC

Include school taxes, special assessments, and any other real estate taxes.

Exclude taxes past due from other years.

^AMTXQD

(0) None

(1-99997) \$1 - \$99,997

(99998) \$99,998 or more

**Skip Instructions:** If AMTXQ = 0..99998, DK, RF and ISTATUS = 1 and TENURE = 1 then  
TXRE

If AMTXQ = 0..99998, DK, RF and ISTATUS = 2,3 and STYPE = 4 then  
MHSTAY

If AMTXQ = 0..99998, DK, RF and ISTATUS = 2,3 and STYPE = 1..3 then  
IFFEEHO

---

**Name:** TXRE

**SAS Name:** TXRE

**Universe Description:** Any answer from amount of real estate taxes for reg. occ. owners only.

**Question Text:** 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?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If TXRE = 1 then  
AMTXRE

If TXRE = 2,DK, RF then  
BUY11

---

**Name:** AMTXRE

**SAS Name:** AMTXRE

**Universe Description:** Real estate tax rebate/exemption reported

**Question Text:** What was the amount of the property tax rebate?

(1-999997) \$1 - 99,997

(99998) \$99,998 or more

**Skip Instructions:** If AMTXRE = 1..99998, DK, RF then  
BUY11

---

**Name:** BUYI1

**SAS Name:** BUYI1

**Universe Description:** Reg. occ. owners and case did not have a value of yes for item in mortgage module regarding homeowner's insurance in monthly mortgage payment.

**Question Text:** Does this household have homeowner's insurance?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If BUYI1 = 1 then  
AMTI1

If BUYI1 = 2,DK,RF and STYPE = 1..3 then  
IFFEEHO

If BUYI1 = 2, DK, RF and STYPE = 4 and OWNLOT1 = 1, DK, RF then  
IFFEEMH1

If BUYI1 = 2, DK, RF and STYPE = 4 and OWNLOT1 = 2 then  
INCS1

---

**Name:** AMTI1

**SAS Name:** AMTI1

**Universe Description:** Home owner's insurance reported

**Question Text:** ^12\_lived\_here what was the total ^AMTI1?

(1-9997) \$1 - 9,997

(9998) \$9,998 or more

**Skip Instructions:** If AMTI1 = 1..9998,DK, RF and STYPE = 1..3 then  
IFFEEHO

If AMTI1 = 1..9998,DK, RF and STYPE = 4 and OWNLOT1 = 1, DK, RF then  
IFFEEMH1

If AMTI1 = 1..9998, DK, RF and STYPE = 4 and OWNLOT1 = 2 then  
INCS1

---

**Name:** MHSTAY

**SAS Name:** MHSTAY

**Universe Description:** A URE/Vacant unit that is intended for year around use and is for sale only/sold not yet occupied and is a mobile home.

**Question Text:** Is ^the\_that manufactured/mobile home to remain where it is, or is it to be moved?

**Answer List:** mhstay

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Remain       |
| 2      |           | To be moved  |

**Skip Instructions:** If MHSTAY = 1, DK, RF then  
OWNLOT2  
If MHSTAY = 2 then  
Exit Module

**Name:** OWNLOT2  
**SAS Name:** OWNLOT2  
**Universe Description:** Mobile home is to stay where it is or DK, RF to question.

**Question Text:** ^ownlot2 own the land?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If OWNLOT2 = 1, DK, RF then  
IFFEEMH1  
If OWNLOT2 = 2 then  
INCS1

**Name:** INCS1  
**SAS Name:** INCS1  
**Universe Description:** Reg. occ.owned mobile home where the land is NOT owned OR a URE/Vacant mobile home that is intended for year around use and is for sale only/sold not yet occupied and land is NOT owned.

**Question Text:** Earlier you told me ^INCS1A own the land. ^INCS1B pay rent for the land?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If INCS1 = 1 then  
FLRENT1  
If INCS1 = 2, DK, RF then  
IFFEEMH1

**Name:** FLRENT1

**SAS Name:** FLRENT1

**Universe Description:** Pays seperate rent for land

**Question Text:** How many times a year is the land/site rent due?

Enter "12" for monthly

(1-52) 1-52 times per year

(53) 53 times or more

**Skip Instructions:** If FLRENT1 = 1..53, DK, RF then  
LRENT1

---

**Name:** LRENT1

**SAS Name:** LRENT1

**Universe Description:** Any answer to # of times per year land/site rent is due

**Question Text:** What is the cost each ^timeinterval?

(0) no cash rent

(1-9995) \$1-\$9,995

(9996) \$9,996 or more

(9997) Included in manufactured/mobile home park fee or association fee

**Skip Instructions:** If LRENT1 = 0..9997, DK, RF then  
IFFEEMH1

---

**Name:** IFFEEMH1

**SAS Name:** IFFEEMH1

**Universe Description:** Reg. occ. owned mobile home or a URE/Vacant mobile home unit intended for year around use that is for sale only/sold not yet occupied and where there are no plans to move the mobile home.

**Question Text:** ^IFFEEMH1A ^IFFEEMH1B pay any ^IFFEEMH1C manufactured/mobile home park fee?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If IFFEEMH1 = 1 then  
CAMFMH1  
If IFFEEMH1 = 2, DK, RF then  
IFOTHF1

---

**Name:** CAMFMH1  
**SAS Name:** CAMFMH1  
**Universe Description:** A mobile home park fee/association fee reported.

**Question Text:** 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

**Skip Instructions:** If CAMFMH1 = 1..53, DK, RF then  
FEEAMTMH1

---

**Name:** FEEAMTMH1  
**SAS Name:** FEEAMTMH1  
**Universe Description:** Any answer to the # of times per year mobile home park fee is due

**Question Text:** What is the average each ^timeinterval?

(9998) \$9,998 or more

**Skip Instructions:** If FEEAMTMH1 = 1..9998, DK, RF then  
IFOTHF1

---

**Name:** IFOTHF1  
**SAS Name:** IFOTHF1  
**Universe Description:** Reg. occ. owned mobile home or a URE/Vacant mobile home unit intended for year around use that is for sale only/sold not yet occupied and where there are no plans to move the mobile home.

**Question Text:** Are there any ^IFOTHF1 required fees for utility hookups, mobile home association fees, and so forth?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If IFOTHF1 = 1 then  
FMHOTF1  
If IFOTHF1 = 2, DK, RF then  
Exit module

---

**Name:** FMHOTF1  
**SAS Name:** FMHOTF1  
**Universe Description:** Other mobile home fees reported

**Question Text:** 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

**Skip Instructions:** If FMHOTF1 = 1..53, DK, RF then  
MHOTFE1

---

**Name:** MHOTFE1  
**SAS Name:** MHOTFE1  
**Universe Description:** Any answer to # of times per year other mobile home fees are due.

**Question Text:** What is the average cost each ^timeinterval for those fees?

(998) \$998 or more

**Skip Instructions:** If MHOTFE1 = 1..998, DK, RF then  
Exit module

---

**Name:** IFFEEHO  
**SAS Name:** IFFEEHO  
**Universe Description:** Reg. occ. owners where unit is NOT a mobile home OR a URE/Vacant unit intended for year round use that is for sale only/sold not yet occupied and is NOT a mobile home.

**Question Text:** Is there a required ^IFFEEHO association fee?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If IFFEEHO = 1 then



CAMFHO  
If IFEEHO = 2, DK, RF and CONDO = 1, 2 then  
Exit module  
If IFEEHO = 2, DK, RF and CONDO = 3, DK, RF then  
INCS2

---

**Name:** CAMFHO  
**SAS Name:** CAMFHO  
**Universe Description:** Yes to required HO/condo/co-op fee

**Question Text:** 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

**Skip Instructions:** If CAMFHO = 1..53, DK, RF then  
FEEAMTHO

---

**Name:** FEEAMTHO  
**SAS Name:** FEEAMTHO  
**Universe Description:** Any answer to times per year fee due

**Question Text:** What is the average cost each ^TimeInterval?

(9998) \$9,998 or more

**Skip Instructions:** If 1..9998, DK, RF then  
Exit module

---

**Name:** INCS2  
**SAS Name:** INCS2  
**Universe Description:** Reg. occ. owners where the unit is NOT a mobile home and NOT a condo/co-op OR a URE/Vacant unit intended for year around use that is for sale only/sold not yet occupied and is NOT a mobile home and is NOT a condo/co-op.

**Question Text:** In some parts of the country people own their homes but rent the land.  
^INCS2 pay rent for the land?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If INCS2 = 1 and ISTATUS = 1 and ( MG = 1 or HELUMP = 1) then  
LANPMT  
If INCS2 = 1 and ISTATUS = 1 and (MG <> 1 and HELUMP <> 1) then  
FLRENT2  
If INCS2 = 1 and ISTATUS = 2,3 then  
FLRENT2  
If INCS2 = 2, DK, RF then  
Exit module

---

**Name:** LANPMT

**SAS Name:** LANPMT

**Universe Description:** Regular occupied interview, land is rented and there is a mortgage or lump sum home equity loan reported

**Question Text:** Is the land rent included with the mortgage payment?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If LANPMT = 1 then  
Exit module  
If LANPMT = 2, DK, RF then  
FLRENT2

---

**Name:** FLRENT2

**SAS Name:** FLRENT2

**Universe Description:** Regular Occupied and land rent is paid but is not included with the mortgage payment OR URE or VACANT and land rent is paid

**Question Text:** 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

**Skip Instructions:** If FLRENT2 = 1..53, DK, RF then  
LRENT2

---

**Name:** LRENT2

**SAS Name:** LRENT2

**Universe Description:** Any answer from # of times land rent due.

**Question Text:** What does it cost each ^timeinterval?

(9998) \$9,998 or more

**Skip Instructions:** If LRENT2 = 1..9998, DK, RF then  
Exit module

---

**Name:** FRENT

**SAS Name:** FRENT

**Universe Description:** Reg occ. renters or URE/Vacant units that are for rent only, rent or sale, or rented but not yet occupied.

**Question Text:** How often is the rent on that ^HTYPEFILL due?

Enter "12" if monthly

(1-52) 1-52 times per year

(53) 53 times or more

**Skip Instructions:** If FRENT = 1..53, DK, RF Then  
RENT

---

**Name:** RENT

**SAS Name:** RENT

**Universe Description:** Any answer to # times rent is due.

**Question Text:** ^RENTA ^RENTB

^RENTC

If parking priced separately, exclude it here

^RENTD

(2-29997) \$2-\$29,997

(29998) \$29,2998 or more

**Skip Instructions:** If RENT = 1..29998, DK, RF and ISTATUS = 1 and TENURE = 2 then  
BUYI2  
If RENT = 1..29998, DK, RF and ISTATUS = 2,3 and VACANCY = 1,2,4 then  
VACVAC

---

**Name:** VACVAC

**SAS Name:** VACVAC

**Universe Description:** Only URE/Vacant units that are for rent only, rent or sale, or rented not yet occupied and any answer from amount of rent.

**Question Text:** Is (FILL) ^HTYPEFILL for vacation or other short-term use?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If VACVAC = 1,2, DK, RF and STYPE = 1..3 then  
Exit module  
If VACVAC = 1,2, DK, RF and STYPE = 4 then  
INCS3

---

**Name:** BUYI2

**SAS Name:** BUYI2

**Universe Description:** Reg. occ. renters or occupied without payment of cash rent.

**Question Text:** Does this household have household property insurance?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If BUYI2 = 1 then  
AMTI2  
If BUYI2 = 2, DK, RF and STYPE = 1..3 then  
Exit module  
If BUYI2 = 2, DK, RF and STYPE = 4 then  
INCS3

---

**Name:** AMTI2

**SAS Name:** AMTI2

**Universe Description:** Renters property insurance reported

**Question Text:** In the past 12 months, what was the total cost?

(9998) \$9,998 or more

**Skip Instructions:** If AMTI2 = 1..9998, DK, RF and STYPE = 1..3 then  
Exit module  
If AMTI2 = 1.9998, DK, RF and STYPE = 4 then  
INCS3

---

**Name:** INCS3

**SAS Name:** INCS3

**Universe Description:** Reg. occ. renter/without cash rent and a mobile home OR URE/Vacant unit that is for rent only, rent or sale, or rented not yet occupied and a mobile home.

**Question Text:** ^INCS3 separate rent for the land?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If INCS3 = 1 then  
FLRENT3  
If INCS3 = 2, DK, RF then  
IFFEEMH2

---

**Name:** FLRENT3

**SAS Name:** FLRENT3

**Universe Description:** Pay separate rent for the land reported

**Question Text:** How many times a year is the land/site rent due?

Enter "12" if monthly

(1-52) 1-52 times per year

(53) 53 times or more

**Skip Instructions:** If FLRENT3 = 1..53, DK, RF then  
LRENT3

---

**Name:** LRENT3

**SAS Name:** LRENT3

**Universe Description:** Any answer to # of times per year land/site rent due.

**Question Text:** What is the cost each ^timeinterval?

(0) No cash rent

(1-9995) \$1-\$9,995

(9996) \$9,996 or more

(9997) Included in manufactured/mobile home park fee or association fee

**Skip Instructions:** If LRENT3 = 0..9997, DK, RF then  
IFFEEMH2

---

**Name:** IFFEEMH2

**SAS Name:** IFFEEMH2

**Universe Description:** Reg. occ. renter/without cash rent and a mobile home OR URE/Vacant unit that is for rent only, rent or sale, or rented not yet occupied and a mobile home.

**Question Text:** ^IFFEEMH2A ^IFFEEMH2B ^IFFEEMH2C any ^IFFEEMH2D manufactured/mobile home park fee?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If IFFEEMH2 = 1 then  
CAMFMH2  
If IFFEEMH2 = 2, DK, RF then  
IFOTHF2

---

**Name:** CAMFMH2

**SAS Name:** CAMFMH2

**Universe Description:** Yes, pays mobile home park fee.

**Question Text:** 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

**Skip Instructions:** If CAMFMH2 = 1..53, DK, RF then  
FEEAMTMH2

---

**Name:** FEEAMTMH2

**SAS Name:** FEEAMTMH2

**Universe Description:** Any answer to # per year MH park fee due

**Question Text:** What is the cost each ^timeinterval?

(1-9995) \$1 - \$9,995

(9996) \$9,996 or more

(9997) Included in manufactured/mobile home rent

**Skip Instructions:** If FEEAMTMH2 = 1..9998, DK, RF then  
IFOTHF2

---

**Name:** IFOTHF2

**SAS Name:** IFOTHF2

**Universe Description:** Reg. occ. renter/without cash rent and a mobile home OR URE/Vacant unit that is for rent only, rent or sale, or rented not yet occupied and a mobile home.

**Question Text:** Are there any ^IFOTHF2 required fees for utility hookups, mobile home association fees, and so forth?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If IFOTHF2 = 1 then  
FMHOTF2  
If IFOTHF2 = 2, DK, RF then  
Exit module

---

**Name:** FMHOTF2

**SAS Name:** FMHOTF2

**Universe Description:** Yes, other mobile home fees

**Question Text:** 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

**Skip Instructions:** If FMHOTF2 = 1..53, DK, RF then  
MHOTFE2

---

**Name:** MHOTFE2

**SAS Name:** MHOTFE2

**Universe Description:** Any answer to # per year other mobile home fees due.

**Question Text:** What is the average cost each ^timeinterval for those fees?

(998) \$998 or more

**Skip Instructions:** If MHOTFE2 = 1..998, DK, RF then  
Exit module

---

**Name:** RENEW

**SAS Name:** RENEW

**Universe Description:** Reg. occ renter/occupied without payment of cash rent.

**Question Text:** (Some rental agreements include a special re-certification process. Re-certification means a renter is REQUIRED to report everyone who lives with them, all jobs, all savings and sources of income AND this determines the amount of rent they have to pay.)

Do you have to re-certify to determine the amount of rent you pay?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If INTYR <> 2006, 2007, 2008, 2010 and I\_PROJ = 1 Then  
exit module  
If (INTYR = 2006, 2007, 2008, 2010 OR I\_PROJ <> 1)and RENEW = 1,2,DK,RF  
Then  
SUBRNT1

---

**Name:** SUBRNT1

**SAS Name:** SUBRNT1

**Universe Description:** Any answer from RENEW

**Question Text:** Is your rent amount lower because you are in either a Federal, State or local government housing program?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If SUBRNT1 = 1 or (if SUBRNT1 = 2, DK, RF and RENEW = 1)Then  
VCHER  
If SUBRNT1 = 2, DK, RF and RENEW = 2, DK, RF and case is in a rent control area  
Then  
RCNTRL1



If SUBRNT1 = 2, DK, RF and RENEW = 2, DK, RF and case is NOT in a rent control area Then  
RNTADJ1

---

**Name:** VCHER

**SAS Name:** VCHER

**Universe Description:** Either goes through re-certification or pays lower rent because of subsidy

**Question Text:** (A housing voucher gives a renter the right to choose where they live AND it helps pay for rent.)

Does your household have a housing voucher?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If VCHER = 1 Then  
VCHRMOV  
If VCHER = 2, DK, RF Then  
PROJ1

---

**Name:** VCHRMOV

**SAS Name:** VCHRMOV

**Universe Description:** HH has a housing voucher

**Question Text:** Can you use your housing voucher to move to another location?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If VCHRMOV = 1 and case is in a rent control area Then  
RCNTRL1  
If VCHRMOV = 1 and case is NOT in a rent control area Then  
RNTADJ1  
If VCHRMOV = 2, DK, RF Then  
APPLY

---

**Name:** PROJ1

**SAS Name:** PROJ1

**Universe Description:** Does not have a housing voucher or don't know/refuse to question

**Question Text:** Is the housing authority your landlord?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If PROJ1 = 1 Then  
PRENT  
If PROJ1 = 2, DK,RF Then  
APPLY

---

**Name:** APPLY

**SAS Name:** APPLY

**Universe Description:** Housing authority not the landlord (or DK, RF to question)  
or  
Can not use housing voucher to move to another location(or DK, RF to question)

**Question Text:** Was your household assigned to this specific ^HTYPEFILLAPPLY, or were you allowed to choose it yourself?

**Answer List:** APPLY

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>                            |
|---------------|------------------|--|
| 1             |                  | Household assigned to specific living quarters |
| 2             |                  | Household allowed to choose living quarters    |

---

**Skip Instructions:** If APPLY = 1, 2, DK, RF and case is in a rent control area, Then  
RCNTRL1  
elseif APPLY = 1, 2, DK, RF and case is NOT in a rent control area, Then  
RNTADJ1

---

**Name:** RCNTRL1

**SAS Name:** RCNTRL1

**Universe Description:** Case is in a state/county where rent control exists and one of the following 3 situations apply:

- \* no subsidy or re-certification or DK/RF to question and not in gov't program or DK, RF to question, or
- \* has voucher that allows HH to move to another location, or
- \* any answer to APPLY and PROJ is not yes

**Question Text:** Does the government limit the rent on your ^HTYPEFILL through rent control or rent

stabilization?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If RCNTRL1 = 1, 2, DK, RF Then  
RNTADJ1

---

**Name:** RNTADJ1

**SAS Name:** RNTADJ1

**Universe Description:** Any answer to rent control/stabilization question RCNTRL1,  
or  
Not a rent control area and any of three conditions

**Question Text:** Does anyone in the household work for the owner, or is anyone related to the owner?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If RNTADJ1 = 1 Then  
RNTAJ2  
If RNTADJ1 = 2, DK, RF and [(RCNTRL1 = 1 or SUBRNT1 = 1 or VCHER = 1 or  
APPLY = 2) and TENURE = 2] Then  
PRENT  
Elseif RNTADJ1 = 2, DK, RF and (RCNTRL1 <> 1 and SUBRNT1 <> 1 and VCHER  
<> 1 and APPLY <> 2) Then  
exit module

---

**Name:** RNTADJ2

**SAS Name:** RNTADJ2

**Universe Description:** Someone in HH works for or is related to owner

**Question Text:** Is the rent adjusted because someone in the household works for or is related to the  
owner?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |

---

**Skip Instructions:** If RNTADJ2 = 1 and TENURE = 2 Then  
 PRENT  
 Elseif RNTADJ2 = 1 and TENURE <> 2 Then  
 Exit module  
 If RNTADJ2 = 2, DK, RF and TENURE = 2 and (RCNTRL1 = 1 or SUBRNT1 = 1 or  
 VCHER = 1 or APPLY = 2) Then  
 PRENT  
 Else exit module

**Name:** PRENT

**SAS Name:** PRENT

**Universe Description:** HH pays cash rent and rent is adjusted because someone in HH works for/is related to owner OR  
 HH pays cash rent and rent is not adjusted because someone in HH works for or is related to the owner or DK, RF to question and one of the following 4 situations apply:  
 \* Rent is limited through rent control/rent stabilization,  
 \* Rent lower because HH is in government housing program,  
 \* HH has housing voucher,  
 \* HH allowed to choose unit OR  
 A housing authority is the landlord and the unit is not occupied without payment of cash rent

**Question Text:** Of the ^RENTAMOUNTFILL rent you reported, how much is this household required to pay?

**Skip Instructions:** If PRENT = 0...9997 and RENT =< PRENT Then  
 E\_PRENT,  
 Elseif PRENT = 0...9997 and RENT > PRENT Then  
 exit module  
 If PRENT = DK, RF Then  
 exit module

**Name:** SUBRNT2

**SAS Name:** SUBRNT2

**Universe Description:** URE/Vac unit that is for rent only, for rent or sale, or rented but not yet occupied.

**Question Text:** Does the Federal, State, or local government pay some of the cost of the unit?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If SUBRNT2 = 1 and I\_PROJ = 1 Then  
 exit module  
 If SUBRNT2 = 1 and I\_PROJ = empty Then  
 PROJ2  
 If [SUBRNT2 = 2, DK, RF or (SUBRNT2 = 1 and I\_PROJ = 2)]and case is in a rent control area Then  
 RCNTRL2  
 Elseif [SUBRNT2 = 2, DK, RF or (SUBRNT2 = 1 and I\_PROJ = 2)] and case is NOT in a rent control area Then  
 exit module

**Name:** PROJ2

**SAS Name:** PROJ2

**Universe Description:** Pays lower rent because of subsidy and no input value info for PROJ

**Question Text:** Is the building owned by the public housing authority?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If PROJ2 = 1 Then  
 exit module  
 If PROJ2 = 2, DK, RF and case is in a rent control area Then  
 RCNTRL2  
 Elseif PROJ2 = 2, DK, RF and case is NOT in a rent control area Then  
 exit module

**Name:** RCNTRL2

**SAS Name:** RCNTRL2

**Universe Description:** Case is in a state/county where rent control exists and one of the following 3 situations apply:

- \* Does not pay a lower rent because of a subsidy or DK, RF to question.
- \* PHA is not the landlord or DK, RF to question
- \* Pays a lower rent because of a subsidy or DK, RF to question and building is not owned by a public housing athority

**Question Text:** Does the local government limit the rent on the unit through rent control or rent stabilization?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If RCNTRL2 = 1, 2, DK, RF Then  
exit module

---

**Name:** Ecounter  
**SAS Name:** ECOUNTER  
**Universe Description:**

---

**Name:** Gcounter  
**SAS Name:** GCOUNTER  
**Universe Description:**

---

**Name:** Lflag  
**SAS Name:** lodflag  
**Universe Description:**

---

**Name:** Lcounter  
**SAS Name:**  
**Universe Description:**

---

**Name:** UTIL\_INTRO  
**SAS Name:**  
**Universe Description:** occupied units and year-round vacant or URE units that are for rent, for sale, for rent or sale, sold not occupied, rented not occupied, or with DK or Ref as reason for vacancy

**Question Text:** Now I have some questions about the ^cost\_billing.

**Answer List:** Continue

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | Enter 1 to continue |

**Skip Instructions:** If ISTATUS = 1 and PLUGS <> 1 and HFUEL <> 1 and CFUEL <> 1 and AFUEL <> 1 and DFUEL <> 1 and OAFUEL <> 1 and WFUEL <> 1 then  
USELECT  
Elseif ISTATUS in [2,3] and VACANCY in [3,5] and CONDO <> 2 then  
BUYT2  
Elseif ISTATUS in [2,3] and (VACANCY in [1,2,4,Dk,Ref] or CONDO = 2) then  
BUYE2

Elseif ISTATUS = 1 and (PLUGS = 1 or HFUEL = 1 or CFUEL = 1 or DFUEL = 1 or AFUEL = 1 or OAFUEL = 1 or WFUEL = 1) then  
EMPT

---

**Name:** BUYE2

**SAS Name:** BUYE2

**Universe Description:** year round URE or vacant unit with either:  
a vacancy status of for rent, for sale or rent, rented not yet occupied, Dk, Ref, OR  
a vacancy status of for sale, or sold not yet occupied and the unit is a condominium

**Question Text:** ^does\_would pay separately for -- Electricity?

**Answer List:** YesNo in rent

---

| <b>Value:</b> | <b>Mnemonic:</b>                                    | <b>Description:</b>                                 |
|---------------|---|---|
| 1             | Yes   | Yes   |
| 2             | No, included in rent, not included in other charges | No, included in rent, not included in other charges |
| 3             | Not used  | Not used  |

---

**Skip Instructions:** If BUYE2 <> empty then  
BUYG2

---

**Name:** BUYG2

**SAS Name:** BUYG2

**Universe Description:** unit with BUYE2 <> empty that is year round URE or vacant unit with either:  
a vacancy status of for rent, for sale or rent, rented not yet occupied, Dk, Ref, OR  
a vacancy status of for sale, or sold not yet occupied and the unit is a condominium

**Question Text:** (^does\_would pay separately for) -- Gas?

**Answer List:** YesNo in rent

---

| <b>Value:</b> | <b>Mnemonic:</b>                                    | <b>Description:</b>                                 |
|---------------|---|---|
| 1             | Yes   | Yes   |
| 2             | No, included in rent, not included in other charges | No, included in rent, not included in other charges |
| 3             | Not used  | Not used  |

---

**Skip Instructions:** if BUYG2 <> empty then  
BUYO2

---

**Name:** BUYO2

**SAS Name:** BUYO2

**Universe Description:** unit with BUYG2 <> empty and is year round URE or vacant unit with either:  
a vacancy status of for rent, for sale or rent, rented not yet occupied, Dk, Ref, OR

a vacancy status of for sale, or sold not yet occupied and unit is a condominium

**Question Text:** (^does\_would pay separately for) -- Fuel oil?

**Answer List:** YesNo in rent

---

| <b>Value:</b> | <b>Mnemonic:</b>     | <b>Description:</b>                               |
|---------------|----------------------|---|
| 1             | Yes                  | Yes   |
| 2             | No, included in rent | No, included in rent, charge fee or other charges |
| 3             | Not used             | Not used  |

---

**Skip Instructions:** if BUYO2 <> empty then  
BUYF2

---

**Name:** BUYF2

**SAS Name:** BUYF2

**Universe Description:** unit with BUYO2 <> empty and is year round URE or vacant unit with either:  
a vacancy status of for rent, for sale or rent, rented not yet occupied, Dk, Ref, OR  
a vacancy status of for sale, or sold not yet occupied and unit is a condominium

**Question Text:** (^does\_would pay separately for) -- Any other fuel?

**Answer List:** YesNo in rent

---

| <b>Value:</b> | <b>Mnemonic:</b>     | <b>Description:</b>                               |
|---------------|----------------------|---|
| 1             | Yes                  | Yes   |
| 2             | No, included in rent | No, included in rent, charge fee or other charges |
| 3             | Not used             | Not used  |

---

**Skip Instructions:** if BUYF2 <> empty then  
BUYT2

---

**Name:** BUYT2

**SAS Name:** BUYT2

**Universe Description:** vacant or URE units with vacancy status of for rent, for sale or rent, for sale, rented  
but not yet occupied, sold but not yet occupied, Dk or Ref

**Question Text:** (^owner\_occupant for) -- Garbage and trash collection?

**Answer List:** YesNo in rent

---

| <b>Value:</b> | <b>Mnemonic:</b>     | <b>Description:</b>                               |
|---------------|----------------------|---|
| 1             | Yes                  | Yes   |
| 2             | No, included in rent | No, included in rent, charge fee or other charges |

---



---

|   |          |          |
|---|----------|----------|
| 3 | Not used | Not used |
|---|----------|----------|

---

**Skip Instructions:** if BUYT2 <> empty then  
BUYW2

---

**Name:** BUYW2

**SAS Name:** BUYW2

**Universe Description:** URE or vacant unit with a vacancy status of for rent, for sale or rent, for sale, rented but not yet occupied, sold but not yet occupied, Dk or Ref, and billing for trash (BUYT2) is not empty

**Question Text:** (^owner\_occupant for) -- Water supply and sewage disposal?

**Answer List:** YesNo in rent

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

---

|   |     |     |
|---|-----|-----|
| 1 | Yes | Yes |
|---|-----|-----|

---

|   |  |  |
|---|--|--|
| 2 | No, included in rent, no included in other charges | No, included in rent, no included in other charges |
|---|--|--|

---

|   |          |          |
|---|----------|----------|
| 3 | Not used | Not used |
|---|----------|----------|

---

**Skip Instructions:** if BUYW2 <> empty then  
next appropriate module

---

**Name:** USELECT

**SAS Name:** USELECT

**Universe Description:** occupied units where:  
electricity is not reported as a heating, cooking, air conditioning, dryer, supplemental air conditioning or water heating fuel AND  
unit has does not have working electrical outlet in all rooms

**Question Text:** Do you use electricity in your home?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
|--------|-----------|--------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** USELEC = 1 then  
EMPT  
USELECT in [2,Dk,Ref] AND HFUEL <> 2 and CFUEL <> 2 and DFUEL <> 2 and  
AFUEL <> 2 and OAFUEL <> 2 and WFUEL <> 2 then  
USEGAS  
USELECT in [2,Dk,Ref] AND (HFUEL = 2 or CFUEL = 2 or DFUEL = 2 or AFUEL = 2  
or OAFUEL = 2 or WFUEL = 2) then

**Name:** EMPT

**SAS Name:** EMPT

**Universe Description:** unit uses electricity, or (has working electrical outlets in all rooms or uses electricity for heating, or cooking, or drying, or air conditioning or supplemental air conditioning or water heating)

**Question Text:** Are you billed separately for electricity?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** EMPT in [1,Dk,Ref] then  
 EFREQ  
 EMPT = 2 then  
 EBILL

**Name:** EBILL

**SAS Name:** EBILL

**Universe Description:** occupied units that are not billed for electricity separately

**Question Text:** Read categories until a "Yes" is obtained.

Is that because the electricity . . .

**Answer List:** combined utilities

| Value: | Mnemonic: | Description:  |
|--------|-----------|---|
| 1      |           | is included in the rent, condominium fee, site rent or other fee? |
| 2      |           | is combined with another utility cost?                            |
| 3      |           | is obtained free?   |

**Skip Instructions:** EBILL = 2 then  
 E\_EBILL  
 EBILL in [1,3,Dk,Ref] and HFUEL <> 2 and DFUEL <> 2 and AFUEL <> 2 and  
 CFUEL <> 2 and OAFUEL <> 2 and WFUEL <> 2 then  
 USEGAS  
 EBILL in [1,3,Dk,Ref] and (HFUEL = 2 or DFUEL = 2 or AFUEL = 2 or CFUEL = 2 or  
 OAFUEL = 2 or WFUEL = 2) then  
 GASPIP

**Name:** EGROUP

**SAS Name:** EGROUP

**Universe Description:** occupied units using electricity whose electric bill is combined with other utility costs

**Question Text:** What else is included in the electricity bill?

Enter all that apply, separate with commas.

**Answer List:** egroup

---

| <b>Value:</b> | <b>Mnemonic:</b>  | <b>Description:</b> |
|---------------|-------------------|---------------------|
| 2             | gas               | gas                 |
| 3             | fuel oil          | fuel oil            |
| 4             | any other fuel    | any other fuel      |
| 5             | garbage and trash | garbage and trash   |
| 6             | water and sewage  | water and sewage    |

---

**Skip Instructions:** EGROUP <> empty then  
EFREQ

---

**Name:** EFREQ

**SAS Name:** EFREQ

**Universe Description:** occupied unit using electricity that reports combined bills by type or Dk or Ref type of combination OR that unit is billed separately for electricity, or don't know or refuses if billed separately

**Question Text:** How many months does each ^electric\_none bill usually cover?

If billed more than once a month, enter 0.

**Skip Instructions:** EFREQ in [0..12,Dk,Ref] and EMPT = 1 then  
RECELE  
EFREQ in [0..12,Dk,Ref] and EMPT <> 1 then  
LASTELEC

---

**Name:** RECELE

**SAS Name:** RECELE

**Universe Description:** EFREQ has an entry [0..12,Dk,Ref] and EMPT = yes (electricity billed separately)

**Question Text:** Do you have any of these records available showing your costs for electricity?

(Can you please get them now?)

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |     |
|---|-----|
| 1 | Yes |
| 2 | No  |

**Skip Instructions:** RECELE = 1 then  
EJAN  
RECELE in [2,Dk,Ref] then  
LASTELEC

**Name:** EJAN

**SAS Name:** EJAN

**Universe Description:** occupied units with separate electric bills available

**Question Text:** From your records, what were the costs for electricity for the months of . . . January?

Enter 998 for \$998 or more

**Skip Instructions:** EJAN <> empty then  
EAPR

**Name:** EAPR

**SAS Name:** EAPR

**Universe Description:** occupied units that pay for electricity separately and have bills available that have answered EJAN

**Question Text:** (From your records, what were the costs for electricity for the months of . . .) April?

Enter 998 for \$998 or more

**Skip Instructions:** If (INTMON = 4 or (INTMON = 5 and INTDAY < 16)) and EAPR >= 0 then  
EAPRck  
Elseif, then  
EAUG

**Name:** EAPRck

**SAS Name:** eaprck

**Universe Description:** response in EAPR greater or equal to one and interview date is between April 1st and May 15th

**Question Text:** Is that amount from the ^Year bill?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** EAPRck <> empty then  
EAUG

---

**Name:** EAUG  
**SAS Name:** EAUG  
**Universe Description:** occupied units that pay for electricity separately and have bills available that have answered EAPR or EAPRck

**Question Text:** (From your records, what were the costs for electricity for the months of . . .) August?

Enter 998 for \$998 or more

**Skip Instructions:** If (INTMON = 8 or (INTMON = 9 and INTDAY < 16)) and EAUG >= 0 then EAUGck  
Elseif then  
EDEC

---

**Name:** EAUGck  
**SAS Name:** EAUGck  
**Universe Description:** response in EAUG greater or equal to one and interview date is between August 1st and September 15th

**Question Text:** Is that amount from the ^Year bill?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** EAUGck <> empty then  
EDEC

---

**Name:** EDEC  
**SAS Name:** EDEC  
**Universe Description:** occupied units with separate electric bills who have responded to the cost of August bill questions

**Question Text:** (From your records, what were the costs for electricity for the months of . . .) December?

Enter 998 for \$998 or more

**Skip Instructions:** ecounter in [1,9] and (INTMON in [4,8] or (INTMON = 5 and INTDAY < 16) or (INTMON = 9 and INTDAY < 16)) then  
AMTE  
ecounter in [1,9] and (INTMON in [1,2,3,6,7,10,11,12] or (INTMON = 5 and INTDAY

>= 16) or (INTMON = 9 and INTDAY >= 16)) then

LASTELEC

(ecounter >= 2 and ecounter < 9) and (EGROUP = 2 or HFUEL = 2 or AFUEL = 2 or CFUEL = 2 or DFUEL = 2 or OAFUEL = 2 or WFUEL = 2) then

GASPIP

(ecounter >= 2 and ecounter < 9) and EGROUP <> 2 and HFUEL <> 2 and AFUEL <> 2 and CFUEL <> 2 and DFUEL <> 2 and OAFUEL <> 2 and WFUEL <> 2 then

USEGAS

---

**Name:** LASTELEC

**SAS Name:** LASTELEC

**Universe Description:** occupied unit that doesn't have monthly electric bills available, or doesn't know or refuses to say if they are available; OR it has answered the length of electric bills but isn't billed separately for electricity, or doesn't know or refuses to say if billed separately; OR has reported either 1 or no good amounts in the monthly bill questions (EJAN, EAPR, EAUG, EDEC) and the date of interview is not between April 1 and May 15 or August 1 and September 15

**Question Text:** How much was your most recent electric ^other\_charges1 bill?

Enter 998 for \$998 or more

**Skip Instructions:** LASTELEC <> empty then  
AMTE

---

**Name:** AMTE

**SAS Name:** AMTE

**Universe Description:** occupied units with -- any entry in LASTELEC, or reporting good monthly electric charges for less than 2 months with an interview date in between 4/1 and 5/15 or between 8/1 and 9/15

**Question Text:** ^12\_lived\_here what was the average MONTHLY cost for electricity ^other\_charges1?

Enter 998 for \$998 or more

**Skip Instructions:** EGROUP <> 2 and HFUEL <> 2 and DFUEL <> 2 and CFUEL <> 2 and AFUEL <> 2 and OAFUEL <> 2 and WFUEL <> 2 then  
USEGAS  
EGROUP = 2 or HFUEL = 2 or CFUEL = 2 or AFUEL = 2 or DFUEL = 2 or OAFUEL = 2 or WFUEL = 2 then  
GASPIP

---

**Name:** USEGAS

**SAS Name:** USEGAS

**Universe Description:** occupied unit which does not pay for gas with electricity and has no fuel being

reported as gas

**Question Text:** Do you use gas in your home?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** USEGAS = 1 then  
GASPIP  
USEGAS in [2,Dk,Ref] and EGROUP <> 3 and (HFUEL = 3 or WFUEL = 3) then  
OMPT  
USEGAS in [2,Dk,Ref] and EGROUP <> 3 and HFUEL <> 3 and WFUEL <> 3 then  
USEOIL  
USEGAS in [2,Dk,Ref] and EGROUP = 3 and EGROUP <> 4 and (HFUEL in [4..7] or  
CFUEL in [3..5] or WFUEL in [4..7]) then  
FMPT  
USEGAS in [2,Dk,Ref] and EGROUP = 3 and EGROUP <> 4 and HFUEL <> [4..7]  
and CFUEL <> [3..5] and WFUEL <> [4..7] then  
USEOTHR  
USEGAS in [2,Dk,Ref] and EGROUP = 3 and EGROUP = 4 and EGROUP <> 5 then  
TMPT  
USEGAS in [2,Dk,Ref] and EGROUP = 3 and EGROUP = 4 and EGROUP = 5 and  
EGROUP <> 6 then  
WMPT  
USEGAS in [2,Dk,Ref] and EGROUP = 3 and EGROUP = 4 and EGROUP = 5 and  
EGROUP = 6 and LCOUNTER >= 1 then  
LODSTAT  
USEGAS in [2,Dk,Ref] and EGROUP = 3 and EGROUP = 4 and EGROUP = 5 and  
EGROUP = 6 and LCOUNTER < 1 then  
next module

---

**Name:** GASPIP

**SAS Name:** GASPIP

**Universe Description:** unit uses gas, either from general question or from combined billing with electricity, or from specific fuel for appliance/system

**Question Text:** ^Is\_gas from underground pipes or bottled gas?

**Answer List:** gaspip

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             | Piped gas        | piped gas           |
| 2             | Bottled gas      | bottled gas         |

---

**Skip Instructions:** EGROU <> 2 then  
 GMPT  
 EGROU = 2 and EGROU <> 3 and (HFUEL = 3 or WFUEL = 3) then  
 OMPT  
 EGROU = 2 and EGROU <> 3 and HFUEL <> 3 and WFUEL <> 3 then  
 USEOIL  
 EGROU = 2 and EGROU = 3 and EGROU <> 4 and (HFUEL in [4..7] or CFUEL  
 in [3..5] or WFUEL in [4..7]) then  
 FMPT  
 EGROU = 2 and EGROU = 3 and EGROU <> 4 and HFUEL <> [4..7] and  
 CFUEL <> [3..5] and WFUEL <> [4..7] then  
 USEOTHR  
 EGROU = 2 and EGROU = 3 and EGROU = 4 and EGROU <> 5 then  
 TMPT  
 EGROU = 2 and EGROU = 3 and EGROU = 4 and EGROU = 5 and EGROU  
 <> 6 then  
 WMPT  
 EGROU = 2 and EGROU = 3 and EGROU = 4 and EGROU = 5 and EGROU  
 = 6 and LCOUNTER >= 1 then  
 LODSTAT  
 EGROU = 2 and EGROU = 3 and EGROU = 4 and EGROU = 5 and EGROU  
 = 6 and LCOUNTER < 1 then  
 next module

**Name:** GMPT

**SAS Name:** GMPT

**Universe Description:** occupied units with GASPIP filled and cost of gas not combined with cost of electricity

**Question Text:** Are you billed separately for gas?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** GMPT in [1,Dk,Ref] and GASPIP = 2 then  
 AMTG  
 GMPT in [1,Dk,Ref] and GASPIP in [1,Dk,Ref] then  
 GFREQ  
 GMPT = 2 then  
 GBILL

**Name:** GBILL

**SAS Name:** GBILL

**Universe Description:** occupied units with piped gas that lack a separate bill for gas



**Question Text:** Read categories until a "Yes" is obtained.

Is that because the gas . . .

**Answer List:** combined utilities

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|---|
| 1             |                  | is included in the rent, condominium fee, site rent or other fee? |
| 2             |                  | is combined with another utility cost?                            |
| 3             |                  | is obtained free?   |

---

**Skip Instructions:** GBILL = 2 then  
E\_GBILL  
GBILL in [1,3,Dk,Ref] and EGROUP <> 3 and (HFUEL = 3 or WFUEL = 3) then  
OMPT  
GBILL in [1,3,Dk,Ref] and EGROUP <> 3 and HFUEL <> 3 and WFUEL <> 3 then  
USEOIL  
GBILL in [1,3,Dk,Ref] and EGROUP = 3 and EGROUP <> 4 and (HFUEL in [4..7] or  
CFUEL in [3..5] or WFUEL in [4..7]) then  
FMPT  
GBILL in [1,3,Dk,Ref] and EGROUP = 3 and EGROUP <> 4 and HFUEL <> [4..7] and  
CFUEL <> [3..5] and WFUEL <> [4..7] then  
USEOTHR  
GBILL in [1,3,Dk,Ref] and EGROUP = 3 and EGROUP = 4 and EGROUP <> 5 then  
TMPT  
GBILL in [1,3,Dk,Ref] and EGROUP = 3 and EGROUP = 4 and EGROUP = 5 and  
EGROUP <> 6 then  
WMPT  
GBILL in [1,3,Dk,Ref] and EGROUP = 3 and EGROUP = 4 and EGROUP = 5 and  
EGROUP = 6 and LCOUNTER >= 1 then  
LODSTAT  
GBILL in [1,3,Dk,Ref] and EGROUP = 3 and EGROUP = 4 and EGROUP = 5 and  
EGROUP = 6 and LCOUNTER < 1 then  
next module

---

**Name:** GGROUP

**SAS Name:** GGROUP

**Universe Description:** occupied units using gas whose gas bill is combined with other utility costs

**Question Text:** What else is included in the gas bill?

Enter all that apply, separate with commas.

**Answer List:** ggroup

| Value: | Mnemonic:         | Description:      |
|--------|-------------------|-------------------|
| 1      | electricity       | electricity       |
| 3      | fuel oil          | fuel oil          |
| 4      | any other fuel    | any other fuel    |
| 5      | garbage and trash | garbage and trash |
| 6      | water and sewage  | water and sewage  |

**Skip Instructions:** GASPIP = 2 then  
 AMTG  
 GASPIP in [1,Dk,Ref] then  
 GFREQ

**Name:** GFREQ

**SAS Name:** GFREQ

**Universe Description:** occupied units using gas that is piped, or don't know or refused to say if piped and either:

1. have separate gas bills or don't know or refuse to say if gas bill is separate, OR
2. have a combined gas bill with another fuel/utility

**Question Text:** How many months does each ^gas\_none bill usually cover?

If billed more than once a month, enter 0.

**Skip Instructions:** GMPT = 1 then  
 RECGAS  
 GMPT in [2,Dk,Ref] then  
 LASTGAS

**Name:** RECGAS

**SAS Name:** RECGAS

**Universe Description:** occupied units using piped gas with separate bills and reporting anything in GFREQ

**Question Text:** Do you have any of these records available showing your costs for gas?

(Can you please get them now?)

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** RECGAS = 1 then  
 GJAN

RECGAS in [2,Dk,Ref] then  
LASTGAS

---

**Name:** GJAN

**SAS Name:** GJAN

**Universe Description:** occupied units using piped gas with separate bills available

**Question Text:** From your records, what were the costs for gas for the months of . . . January?

Enter 998 for \$998 or more

**Skip Instructions:** GJAN <> empty then  
GAPR

---

**Name:** GAPR

**SAS Name:** GAPR

**Universe Description:** occupied units with an entry in GJAN

**Question Text:** (From your records, what were the costs for gas for the months of . . . ) April?

Enter 998 for \$998 or more

**Skip Instructions:** If (INTMON = 4 or (INTMON = 5 and INTDAY < 16)) and GAPR >= 0 then  
GAPRck  
Elseif, then  
GAUG

---

**Name:** GAPRck

**SAS Name:** gaprck

**Universe Description:** response in GAPR greater or equal to one and interview date is between April 1st and May 15th

**Question Text:** Is that amount from the ^Year bill?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** GAPRck <> empty then  
GAUG

---

**Name:** GAUG

**SAS Name:** GAUG

**Universe Description:** occupied units that pay for piped gas separately and have bills available that have answered GAPR or GAPRck

**Question Text:** (From your records, what were the costs for gas for the months of . . .) August?

Enter 998 for \$998 or more

**Skip Instructions:** If (INTMON = 8 or (INTMON = 9 and INTDAY < 16)) and GAUG >= 0 then  
GAUGck  
Elseif, then  
GDEC

**Name:** GAUGck

**SAS Name:** GAUGck

**Universe Description:** response in GAUG greater or equal to one and interview date is between August 1 and September 15th

**Question Text:** Is that amount from the ^Year bill?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** GAUGck <> empty then  
GDEC

**Name:** GDEC

**SAS Name:** GDEC

**Universe Description:** occupied units with separate piped gas bills who responded to the cost of August bills

**Question Text:** (From your records, what were the costs for gas for the months of . . .) December?

Enter 998 for \$998 or more

**Skip Instructions:** gcounter in [1,9] and (INTMON in [4,8] or (INTMON = 5 and INTDAY < 16) or (INTMON = 9 and INTDAY < 16)) then  
AMTG  
  
gcounter in [1,9] and (INTMON in [1,2,3,6,7,10,11,12] or (INTMON = 5 and INTDAY >= 16) or (INTMON = 9 and INTDAY >= 16)) then  
LASTGAS

(gcounter >= 2 and gcounter < 9) and EGROUP <> 3 and GGROUP <> 3 and (HFUEL = 3 or WFUEL = 3) then

OMPT

(gcounter >= 2 and gcounter < 9) and EGROUP <> 3 and GGROUP <> 3 and HFUEL <> 3 and WFUEL <> 3 then

USEOIL

(gcounter >= 2 and gcounter < 9) and (EGROUP = 3 or GGROUP = 3) and (EGROUP <> 4 and GGROUP <> 4) and (HFUEL in [4..7] or CFUEL in [3..5] or WFUEL in [4..7]) then

FMPT

(gcounter >= 2 and gcounter < 9) and (EGROUP = 3 or GGROUP = 3) and (EGROUP <> 4 and GGROUP <> 4) and HFUEL <> [4..7] and CFUEL <> [3..5] and WFUEL <> [4..7] then

USEOTHR

(gcounter >= 2 and gcounter < 9) and (EGROUP = 3 or GGROUP = 3) and (EGROUP = 4 or GGROUP = 4) and (EGROUP <> 5 and GGROUP <> 5) then

TMPT

(gcounter >= 2 and gcounter < 9) and (EGROUP = 3 or GGROUP = 3) and (EGROUP = 4 or GGROUP = 4) and (EGROUP = 5 or GGROUP = 5) and (EGROUP <> 6 and GGROUP <> 6) then

WMPT

(gcounter >= 2 and gcounter < 9) and (EGROUP = 3 or GGROUP = 3) and (EGROUP = 4 or GGROUP = 4) and (EGROUP = 5 or GGROUP = 5) and (EGROUP = 6 or GGROUP = 6) and LCOUNTER >= 1 then

LODSTAT

(gcounter >= 2 and gcounter < 9) and (EGROUP = 3 or GGROUP = 3) and (EGROUP = 4 or GGROUP = 4) and (EGROUP = 5 or GGROUP = 5) and (EGROUP = 6 or GGROUP = 6) and LCOUNTER < 1 then

next module

---

**Name:** LASTGAS

**SAS Name:** LASTGAS

**Universe Description:** occupied units using piped gas that

1. have separate bills but they aren't available or don't know or refuse to say if they are available OR
2. have answered length of gas bills but isn't billed separately for gas, or doesn't know or refuses to say if bill separately OR
3. has reported either 1 or no good amounts in the monthly bill questions (GJAN, GAPR, GAUG, GDEC) and the date of interview is not between April 1 and May 15 or August 1 and September 15

**Question Text:** How much was your most recent gas ^other\_charges2 bill?

Enter 998 for \$998 or more

**Skip Instructions:** LASTGAS <> empty then  
AMTG

---

**Name:** AMTG

**SAS Name:** AMTG

**Universe Description:** occupied units using: piped gas with any entry in LASTGAS or (piped gas and reporting good monthly gas charges for less than 2 months with an interview date in between 4/1 and 5/15 or between 8/1 and 9/15) or using bottled gas

**Question Text:** ^12\_lived\_here, what was the average MONTHLY cost for gas ^other\_charges2?

Enter 998 for \$998 or more

**Skip Instructions:** EGROUP <> 3 and GGROUP <> 3 and (HFUEL = 3 or WFUEL = 3) then  
OMPT

EGROUP <> 3 and GGROUP <> 3 and HFUEL <> 3 and WFUEL <> 3 then  
USEOIL

(EGROUP = 3 or GGROUP = 3) and (EGROUP <> 4 and GGROUP <> 4) and  
(HFUEL in [4..7] or CFUEL in [3..5] or WFUEL in [4..7]) then  
FMPT

(EGROUP = 3 or GGROUP = 3) and (EGROUP <> 4 and GGROUP <> 4) and  
HFUEL <> [4..7] and CFUEL <> [3..5] and WFUEL <> [4..7] then  
USEOTHR

(EGROUP = 3 or GGROUP = 3) and (EGROUP = 4 or GGROUP = 4) and (EGROUP  
<> 5 and GGROUP <> 5) then  
TMPT

(EGROUP = 3 or GGROUP = 3) and (EGROUP = 4 or GGROUP = 4) and (EGROUP  
= 5 or GGROUP = 5) and (EGROUP <> 6 and GGROUP <> 6) then  
WMPT

(EGROUP = 3 or GGROUP = 3) and (EGROUP = 4 or GGROUP = 4) and (EGROUP  
= 5 or GGROUP = 5) and (EGROUP = 6 or GGROUP = 6) and LCOUNTER >= 1  
then  
LODSTAT

(EGROUP = 3 or GGROUP = 3) and (EGROUP = 4 or GGROUP = 4) and (EGROUP  
= 5 or GGROUP = 5) and (EGROUP = 6 or GGROUP = 6) and LCOUNTER < 1 then  
next module

---

**Name:** USEOIL

**SAS Name:** USEOIL

**Universe Description:** occupied units that don't have electricity or gas bills that are combined with fuel oil and don't use oil for heating or water heating, and either have reported 2 or more months of gas bills, or an average amount for gas or don't use, don't know or refuse to whether they use gas

**Question Text:** Do you use fuel oil in your home?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** USEOIL = 1 then

OMPT

USEOIL in [2,Dk,Ref] and EGROUP <> 4 and GGROUP <> 4 and OGROUP <> 4 and (HFUEL in [4..7] or CFUEL in [3..5] or WFUEL in [4..7]) then

FMPT

USEOIL in [2,Dk,Ref] and EGROUP <> 4 and GGROUP <> 4 and OGROUP <> 4 and HFUEL <> [4..7] and CFUEL <> [3..5] and WFUEL <> [4..7] then

USEOTHR

USEOIL in [2,Dk,Ref] and (EGROUP = 4 or GGROUP = 4 or OGROUP = 4) and (EGROUP <> 5 and GGROUP <> 5 and OGROUP <> 5) then

TMPT

USEOIL in [2,Dk,Ref] and (EGROUP = 4 or GGROUP = 4 or OGROUP = 4) and (EGROUP = 5 or GGROUP = 5 or OGROUP = 5) and EGROUP <> 6 and GGROUP <> 6 and OGROUP <> 6 then

WMPT

USEOIL in [2,Dk,Ref] and (EGROUP = 4 or GGROUP = 4 or OGROUP = 4) and (EGROUP = 5 or GGROUP = 5 or OGROUP = 5) and (EGROUP = 6 or GGROUP = 6 or OGROUP = 6) and LCOUNTER >= 1 then

LODSTAT

USEOIL in [2,Dk,Ref] and (EGROUP = 4 or GGROUP = 4 or OGROUP = 4) and (EGROUP = 5 or GGROUP = 5 or OGROUP = 5) and (EGROUP = 6 or GGROUP = 6 or OGROUP = 6) and LCOUNTER = 0 then

next module

---

**Name:** OMPT

**SAS Name:** OMPT

**Universe Description:** occupied units that use fuel oil (as noted from either USEOIL or from HFUEL or WFUEL) and do not pay for oil with either electricity or gas

**Question Text:** Are you billed separately for fuel oil?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** OMPT in [1,Dk,Ref] then  
 AMTO  
 OMPT = 2 then  
 OBILL

**Name:** OBILL  
**SAS Name:** OBILL  
**Universe Description:** occupied units that are not billed for fuel separately

**Question Text:** Read categories until a "Yes" is obtained.

Is that because the fuel oil . . .

**Answer List:** combined utilities

| Value: | Mnemonic: | Description:  |
|--------|-----------|---|
| 1      |           | is included in the rent, condominium fee, site rent or other fee? |
| 2      |           | is combined with another utility cost?                            |
| 3      |           | is obtained free?   |

**Skip Instructions:** OBILL = 2 then  
 E\_OBILL  
 OBILL in [1, 3,Dk,Ref] and EGROUP <> 4 and GGROUP <> 4 and (HFUEL in [4..7]  
 or CFUEL in [3..5] or WFUEL in [4..7]) then  
 FMPT  
 OBILL in [1, 3,Dk,Ref] and EGROUP <> 4 and GGROUP <> 4 and HFUEL <> [4..7]  
 and CFUEL <> [3..5] and WFUEL <> [4..7] then  
 USEOTHR  
 OBILL in [1, 3,Dk,Ref] and (EGROUP = 4 or GGROUP = 4) and EGROUP <> 5 and  
 GGROUP <> 5 then  
 TMPT  
 OBILL in [1, 3,Dk,Ref] and (EGROUP = 4 or GGROUP = 4) and (EGROUP = 5 or  
 GGROUP = 5) and EGROUP <> 6 and GGROUP <> 6 then  
 WMPT  
 OBILL in [1, 3,Dk,Ref] and (EGROUP = 4 or GGROUP = 4) and (EGROUP = 5 or  
 GGROUP = 5) and (EGROUP = 6 or GGROUP = 6) and LCOUNTER >= 1 then  
 LODSTAT  
 OBILL in [1, 3,Dk,Ref] and (EGROUP = 4 or GGROUP = 4) and (EGROUP = 5 or  
 GGROUP = 5) and (EGROUP = 6 or GGROUP = 6) and LCOUNTER < 1 then  
 next module



**Name:** OGROUP

**SAS Name:** OGROUP

**Universe Description:** occupied units using fuel oil whose oil bill is combined with other utility costs

**Question Text:** What else is included in the fuel oil bill?

Enter all that apply, separate with commas.

**Answer List:** ogroup

---

| <b>Value:</b> | <b>Mnemonic:</b>  | <b>Description:</b> |
|---------------|-------------------|---------------------|
| 1             | electricity       | electricity         |
| 2             | gas               | gas                 |
| 4             | any other fuel    | any other fuel      |
| 5             | garbage and trash | garbage and trash   |
| 6             | water and sewage  | water and sewage    |

---

**Skip Instructions:** OGROUP <> empty then  
AMTO

---

**Name:** AMTO

**SAS Name:** AMTO

**Universe Description:** occupied unit using fuel oil that has

1. separate fuel oil bills or
2. fuel oil bills combined with another utility (electricity, gas, other fuels, garbage and trash, or water and sewage), or Dk or refuse to say what is combined

**Question Text:** ^12\_lived2, what was the total cost for fuel oil ^other\_charges3?

Enter 9998 for \$9,998 or more

**Skip Instructions:** AMTO <> empty and EGROUP <> 4 and GGROUP <> 4 and OGROUP <> 4 and  
(HFUEL in [4..7] or CFUEL in [3..5] or WFUEL in [4..7]) then  
FMPT  
AMTO <> empty and EGROUP <> 4 and GGROUP <> 4 and OGROUP <> 4 and  
HFUEL <> [4..7] and CFUEL <> [3..5] and WFUEL <> [4..7] then  
USEOTHR  
AMTO <> empty and (EGROUP = 4 or GGROUP = 4 or OGROUP = 4) and  
EGROUP <> 5 and GGROUP <> 5 and OGROUP <> 5 then  
TMPT  
AMTO <> empty and (EGROUP = 4 or GGROUP = 4 or OGROUP = 4) and  
(EGROUP = 5 or GGROUP = 5 or OGROUP = 5) and EGROUP <> 6 and GGROUP  
<> 6 and OGROUP <> 6 then  
WMPT  
AMTO <> empty and (EGROUP = 4 or GGROUP = 4 or OGROUP = 4) and  
(EGROUP = 5 or GGROUP = 5 or OGROUP = 5) and (EGROUP = 6 or GGROUP =  
6 or OGROUP = 6) and LCOUNTER >= 1 then

LODSTAT  
 AMTO <> empty and (EGROUP = 4 or GGROUP = 4 or OGROUP = 4) and  
 (EGROUP = 5 or GGROUP = 5 or OGROUP = 5) and (EGROUP = 6 or GGROUP =  
 6 or OGROUP = 6) and LCOUNTER = 0 then  
 next module

**Name:** USEOTHR

**SAS Name:** USEOTHR

**Universe Description:**

**Question Text:** Do you use wood, coal, kerosene or any other fuel in your home?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** USEOTHR = 1 then  
 FMPT  
 USEOTHR in [2,Dk,Ref] and EGROUP <> 5 and GGROUP <> 5 and OGROUP <> 5  
 then  
 TMPT  
 USEOTHR in [2,Dk,Ref] and (EGROUP = 5 or GGROUP = 5 or OGROUP = 5) and  
 EGROUP <> 6 and GGROUP <> 6 and OGROUP <> 6 then  
 WMPT  
 USEOTHR in [2,Dk,Ref] and (EGROUP = 5 or GGROUP = 5 or OGROUP = 5) and  
 (EGROUP = 6 or GGROUP = 6 or OGROUP = 6) and LCOUNTER >= 1 then  
 LODSTAT  
 USEOTHR in [2,Dk,Ref] and (EGROUP = 5 or GGROUP = 5 or OGROUP = 5) and  
 (EGROUP = 6 or GGROUP = 6 or OGROUP = 6) and LCOUNTER < 1 then  
 next module

**Name:** FMPT

**SAS Name:** FMPT

**Universe Description:** occupied units that report using other fuels, and do not pay for other fuels with  
 electricity, gas or fuel oil bills

**Question Text:** Are you billed separately for wood, coal, kerosene or any other fuel?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** FMPT in [1,Dk,Ref] then  
AMTF  
FMPT = 2 then  
FBILL

---

**Name:** FBILL

**SAS Name:** FBILL

**Universe Description:** occupied units using other fuels that do not pay separately for them

**Question Text:** Read categories until a "Yes" is obtained.

Is that because the wood, coal, kerosene or any other fuel . . .

**Answer List:** combined utilities

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|---|
| 1             |                  | is included in the rent, condominium fee, site rent or other fee? |
| 2             |                  | is combined with another utility cost?                            |
| 3             |                  | is obtained free?   |

---

**Skip Instructions:** FBILL = 2 then  
E\_FBILL  
FBILL in [1,3,Dk,Ref] and (EGROUP <> 5 and GGROUP <> 5 and OGROUP <> 5)  
then  
TMPT  
FBILL in [1,3,Dk,Ref] and (EGROUP = 5 or GGROUP = 5 or OGROUP = 5) and  
EGROUP <> 6 and GGROUP <> 6 and OGROUP <> 6 then  
WMPT  
FBILL in [1,3,Dk,Ref] and (EGROUP = 5 or GGROUP = 5 or OGROUP = 5) and  
(EGROUP = 6 or GGROUP = 6 or OGROUP = 6) and LCOUNTER >= 1 then  
LODSTAT  
FBILL in [1,3,Dk,Ref] and (EGROUP = 5 or GGROUP = 5 or OGROUP = 5) and  
(EGROUP = 6 or GGROUP = 6 or OGROUP = 6) and LCOUNTER < 1 then  
next module

---

**Name:** FGROU

**SAS Name:** FGROU

**Universe Description:** occupied units using other fuels whose bills are combined with other utility costs

**Question Text:** What else is included in the wood, coal, kerosene or any other fuel bill?

Enter all that apply, separate with commas.

**Answer List:** fgroup

| Value: | Mnemonic:         | Description:      |
|--------|-------------------|-------------------|
| 1      | electricity       | electricity       |
| 2      | gas               | gas               |
| 3      | fuel oil          | fuel oil          |
| 5      | garbage and trash | garbage and trash |
| 6      | water and sewage  | water and sewage  |

**Skip Instructions:** FGROUP <> empty then  
AMTF

**Name:** AMTF

**SAS Name:** AMTF

**Universe Description:** occupied unit using other fuels that has

1. separate other fuel bills or
2. other fuel bills combined with other utilities (electricity, gas, fuel oil, garbage and trash, or water and sewage), or DK or refuse to say what is combined

**Question Text:** ^12\_lived2,what was the total cost for wood, coal, kerosene or any other fuel  
^other\_charges4?

Enter 9998 for \$9,998 or more

**Skip Instructions:** AMTF <> empty and EGROUP <> 5 and GGROUP <> 5 and OGROUP <> 5 and  
FGROUP <> 5 then

TMPT

AMTF <> empty and (EGROUP = 5 or GGROUP = 5 or OGROUP = 5 or FGROUP =  
5) and (EGROUP <> 6 and GGROUP <> 6 and OGROUP <> 6 and FGROUP <> 6)  
then

WMPT

AMTF <> empty and (EGROUP = 5 or GGROUP = 5 or OGROUP = 5 or FGROUP =  
5) and (EGROUP = 6 or GGROUP = 6 or OGROUP = 6 or FGROUP = 6) and  
LCOUNTER >= 1 then

LODSTAT

AMTF <> empty and (EGROUP = 5 or GGROUP = 5 or OGROUP = 5 or FGROUP =  
5) and (EGROUP = 6 or GGROUP = 6 or OGROUP = 6 or FGROUP = 6) and  
LCOUNTER < 1 then

next module

**Name:** TMPT

**SAS Name:** TMPT

**Universe Description:** occupied units where garbage and trash costs are not combined with electricity, gas,  
fuel oil or any other fuel

**Question Text:** Are you billed separately from other costs for garbage and trash collection?

Enter "no" if the household hauls its own trash.

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** TMPT in [1,Dk,Ref] then  
AMTT  
TMPT = 2 then  
TBILL

---

**Name:** TBILL

**SAS Name:** TBILL

**Universe Description:** occupied units that are not billed for garbage and trash separately from other utilities

**Question Text:** Read categories until a "Yes" is obtained.

Is that because the garbage and trash collection . . .

**Answer List:** combined utilities2

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|---|
| 1             |                  | is included in the rent, condominium fee, site rent or other fee? |
| 2             |                  | is combined with another utility cost?                            |
| 3             |                  | is not used?  |
| 4             |                  | is obtained free?   |

---

**Skip Instructions:** TBILL = 2 then  
E\_TBILL  
TBILL in [1,3, 4,Dk,Ref] and EGROUP <> 6 and GGROUP <> 6 and OGROUP <> 6  
and FGROUP <> 6 then  
WMPT  
TBILL in [1,3, 4,Dk,Ref] and (EGROUP = 6 or GGROUP = 6 or OGROUP = 6 or  
FGROUP = 6) and LCOUNTER >= 1 then  
LODSTAT  
TBILL in [1,3,4,Dk,Ref] and (EGROUP = 6 or GGROUP = 6 or OGROUP = 6 or  
FGROUP = 6) and LCOUNTER < 1 then  
next module

---

**Name:** TGROUP

**SAS Name:** TGROUP

**Universe Description:** occupied units with garbage and trash collection costs combined with another utility cost

**Question Text:** What else is included in the garbage and trash collection bill?

Enter all that apply, separate with commas.

**Answer List:** tgroup

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             | electricity      | electricity         |
| 2             | gas              | gas                 |
| 3             | fuel oil         | fuel oil            |
| 4             | any other fuel   | any other fuel      |
| 6             | water and sewage | water and sewage    |

---

**Skip Instructions:** TGROUP <> empty then  
AMTT

---

**Name:** AMTT

**SAS Name:** AMTT

**Universe Description:** occupied units with garbage and trash collection that has  
1. separate garbage and trash bills or  
2. garbage and trash bills combined with another utility (electricity, gas, fuel oil, other fuels, or water and sewage costs), or DK, or refused to say what is combined

**Question Text:** ^12\_lived2, what was the total cost for garbage and trash collection ^other\_charges5?

Enter 9998 for \$9,998 or more

**Skip Instructions:** AMTT <> empty and EGROUP <> 6 and GGROUP <> 6 and OGROUP <> 6 and FGROU  
P <> 6 and TGROUP <> 6 then  
WMPT  
AMTT <> empty and (EGROUP = 6 or GGROUP = 6 or OGROUP = 6 or FGROU  
P = 6 or TGROUP = 6) and LCOUNTER >= 1 then  
LODSTAT  
AMTT <> empty and (EGROUP = 6 or GGROUP = 6 or OGROUP = 6 or FGROU  
P = 6 or TGROUP = 6) and LCOUNTER < 1 then  
next module

---

**Name:** WMPT

**SAS Name:** WMPT

**Universe Description:** occupied units where water and sewage costs are not combined with electricity, gas, fuel oil, any other fuel, or garbage and trash collection

**Question Text:** Are you billed separately from other costs for water supply and sewage disposal?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** WMPT in [1,Dk,Ref] then  
AMTW  
WMPT = 2 then  
WBILL

---

**Name:** WBILL

**SAS Name:** WBILL

**Universe Description:** occupied units that are not billed for water and sewage separately or don't know or refuse to say if billed separately

**Question Text:** Read categories until a "Yes" is obtained.

Is that because the water supply and sewage disposal . . .

**Answer List:** combined utilities

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|---|
| 1             |                  | is included in the rent, condominium fee, site rent or other fee? |
| 2             |                  | is combined with another utility cost?                            |
| 3             |                  | is obtained free?   |

---

**Skip Instructions:** WBILL = 2 then  
E\_WBILL  
WBILL in [1,3,Dk,Ref] and LCOUNTER >= 1 then  
LODSTAT  
WBILL in [1,3,Dk,Ref] and LCOUNTER < 1 then  
next module

---

**Name:** WGROUP

**SAS Name:** WGROUP

**Universe Description:** occupied units using water and sewage whose water and sewage bill is combined with other utility costs

**Question Text:** What else is included in the water and sewage bill?

Enter all that apply, separate with commas.

**Answer List:** wgroup

---

| <b>Value:</b> | <b>Mnemonic:</b>  | <b>Description:</b> |
|---------------|-------------------|---------------------|
| 1             | electricity       | electricity         |
| 2             | gas               | gas                 |
| 3             | fuel oil          | fuel oil            |
| 4             | any other fuel    | any other fuel      |
| 5             | garbage and trash | garbage and trash   |

---

**Skip Instructions:** WGROUP <> empty then  
AMTW

---

**Name:** AMTW

**SAS Name:** AMTW

**Universe Description:** occupied units with water and sewage that either pay separately for water and sewage or have these bills combined with another utility

**Question Text:** ^12\_lived2, what was the total cost for water supply and sewage disposal  
^other\_charges6?

Enter 9998 for \$9,998 or more

**Skip Instructions:** AMTW <> empty and LCOUNTER >= 1 then  
LODSTAT  
AMTW <> empty and LCOUNTER < 1 then  
next module

---

**Name:** LODSTAT

**SAS Name:** LODSTA

**Universe Description:** occupied units with lodger-eligible persons

**Question Text:** ^Do\_Does3 pay a regular fixed rent as a lodger to someone in this household?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** LODSTAT = 1 then  
RNTDUE  
LODSTAT in [2,Dk,Ref] then  
next eligible lodger (LFLAG with a value of 1) or if none, exit UTILOD module



**Name:** RNTDUE

**SAS Name:** RNTDUE

**Universe Description:** occupied unit with a lodger-eligible person who is a lodger

**Question Text:** How often is ^your\_name3 rent due?

Enter "12" if monthly.

Enter "53" if more often than weekly.

**Skip Instructions:** RNTDUE <> empty then  
LODRNT

---

**Name:** LODRNT

**SAS Name:** LODRNT

**Universe Description:** occupied units with any entry in the frequency of lodger rent question

**Question Text:** How much is the rent?

Enter 9998 for \$9,998 or more

**Skip Instructions:** LODRNT <> empty then  
FOOD

---

**Name:** FOOD

**SAS Name:** FOOD

**Universe Description:** occupied units with lodger-eligible person(s) with any entry in amount of lodger's rent

**Question Text:** Does that include food?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** if any more persons have entry of 1 in LFLAG, then  
LODSTAT  
no other person has an entry of 1 in LFLAG, then  
exit UTILOD module

---

**Name:** XCOUNTER

**SAS Name:** XCOUNTER

**Universe Description:**

**Skip Instructions:** If XCOUNTER >= 1 Then  
INCINTRO

Elseif XCOUNTER < 1 Then  
ESTTINC

---

**Name:** INCINTRO  
**SAS Name:** INCINTRO  
**Universe Description:** Regular occupied interview

**Question Text:** The next questions are about income. We know that people aren't used to talking about their income, but we ask these questions to get an OVERALL statistical picture of how housing costs compare to income, NOT to find out about you personally.

s Enter 1 to continue

**Answer List:** Continue

---

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | Enter 1 to continue |

---

**Skip Instructions:** If INCINTRO = Continue Then  
QSAL

---

**Name:** INDVINCR  
**SAS Name:** INDVINCR  
**Universe Description:**

---

**Name:** QSAL  
**SAS Name:** QSAL  
**Universe Description:** Current household member who is either the reference person or a relative of reference person and over the age of 16.

**Question Text:** During the past 12 months, did ^you\_name receive any wages, salary, tips, bonuses, or commissions?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If QSAL in [Yes,No] Then  
SALQ  
Elseif QSAL in [Dk,Rf] Then  
QSELF

---

**Name:** SALQ

**SAS Name:** SALQ

**Universe Description:** Valid response to question regarding wages and salary received during the past 12 months.

**Question Text:** How much did ^you\_name receive?

(Report amount from all jobs before any deductions for taxes, bonds or other items.)

Enter 9999998 if \$9,999,998 or more

**Skip Instructions:** If SALQ in [0..99999,Dk,Rf] Then  
QSELF  
Elseif SALQ >= 100000 Then  
E\_SALQ

**Name:** QSELF

**SAS Name:** QSELF

**Universe Description:** Current household member who is either the reference person or a relative of reference person and over the age of 16.

**Question Text:** Did ^you\_name receive any self-employment income during the past 12 months?

Report income from own business (farm or non-farm) including proprietorship and partnership.

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If QSELF in [Yes,No] Then  
SELFQ  
Elseif QSELF in [Dk,Rf] Then  
QINT

**Name:** SELFQ

**SAS Name:** SELFQ

**Universe Description:** Valid response to question regarding self-employment income received during the past 12 months.

**Question Text:** What was the amount?

Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper. If net income was a loss

precede amount with a '-'. Breakeven = 1.

Enter 9999998 if \$9,999,998 or more

**Skip Instructions:** If SELFQ in [1..99999,Dk,Rf] Then  
QINT  
Elseif SELFQ <= 0 or SELFQ >= 100000 Then  
E\_SELFQ

---

**Name:** QINT

**SAS Name:** QINT

**Universe Description:** Current household member who is either the reference person or a relative of reference person and over the age of 16.

**Question Text:** In the past 12 months, did ^you\_name have interest from savings, money market funds, IRA's, CDs, or other interest bearing accounts?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If QINT in [Yes,No] Then  
INTQ  
Elseif QINT in [Dk,Rf] Then  
QDIV

---

**Name:** INTQ

**SAS Name:** INTQ

**Universe Description:** Valid response to question regarding interest received in the past 12 months.

**Question Text:** What was the amount received?

Enter 9999998 if \$9,999,998 or more

**Skip Instructions:** If INTQ in [0..24999,Dk,Rf] Then  
QDIV  
Elseif INTQ >= 25000 Then  
E\_INTQ

---

**Name:** QDIV

**SAS Name:** QDIV

**Universe Description:** Current household member who is either the reference person or a relative of reference person and over the age of 16.

**Question Text:** (In the past 12 months), did ^you\_name have dividends from stocks?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If QDIV in [Yes,No] Then  
DIVQ  
Elseif QDIV in [Dk,Rf] Then  
QRENT

---

**Name:** DIVQ

**SAS Name:** DIVQ

**Universe Description:** Valid response to question regarding dividends received in the past 12 months.

**Question Text:** What was the amount received?

Enter 9999998 if \$9,999,998 or more

**Skip Instructions:** If DIVQ in [0..24999,Dk,Rf] Then  
QRENT  
Elseif DIVQ >= 25000 Then  
E\_DIVQ

---

**Name:** QRENT

**SAS Name:** QRENT

**Universe Description:** Current household member who is either the reference person or a relative of reference person and over the age of 16.

**Question Text:** (In the past 12 months), did ^you\_name receive rental income?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If QRENT in [Yes,No] Then  
RENTQ  
Elseif QRENT in [Dk,Rf] Then  
QSS

**Name:** RENTQ

**SAS Name:** RENTQ

**Universe Description:** Valid response to question regarding rental income received in the past 12 months.

**Question Text:** What was the amount received?

If income was a loss, precede amount with a '-'. Breakeven = 1.

Enter 9999998 if \$9,999,998 or more

**Skip Instructions:** If RENTQ in [1..24999,Dk,Rf] or (RENTQ = 0 and QRENT = No) Then  
QSS

Elseif RENTQ < 0 or RENTQ >= 25000 or (RENTQ = 0 and QRENT = Yes) Then  
E\_RENTQ

---

**Name:** QSS

**SAS Name:** QSS

**Universe Description:** Current household member who is either the reference person or a relative of reference person and over the age of 16.

**Question Text:** Did ^you\_name receive any Social Security or Railroad Retirement benefits during the past 12 months?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If QSS = [Yes,No] Then  
SSQ

Elseif QSS in [Dk,Rf] Then  
QSSI

---

**Name:** SSQ

**SAS Name:** SSQ

**Universe Description:** Valid response to question regarding social security payments received during the past 12 months.

**Question Text:** What was the amount?

Enter 99998 for \$99,998 or more

**Skip Instructions:** If SSQ in [1001..19999,Dk,Rf] Then  
QSSI

Elseif SSQ <= 1000 or SSQ >= 20000 Then  
E\_SSQ

---

**Name:** QSSI

**SAS Name:** QSSI

**Universe Description:** Current household member who is either the reference person or a relative of reference person and over the age of 16.

**Question Text:** Did ^you\_name receive any Supplemental Security Income (SSI) payments (during the past 12 months)?

Exclude Supplemental Security Disability Income (SSDI).

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If QSSI in [Yes,No] Then  
SSIQ  
Elseif QSSI in [Dk,Rf] Then  
QWELF

---

**Name:** SSIQ

**SAS Name:** SSIQ

**Universe Description:** Valid response to question regarding SSI payments received during the past 12 months.

**Question Text:** What was the amount?

Enter 99998 for \$99,998 or more

**Skip Instructions:** If SSIQ in [100..9999,Dk,Rf] Then  
QWELF  
Elseif SSIQ < 100 or SSIQ >= 10000 Then  
E\_SSIQ

---

**Name:** QWELF

**SAS Name:** QWELF

**Universe Description:** Current household member who is either the reference person or a relative of reference person and over the age of 16.

**Question Text:** Did ^you\_name receive any public assistance or public welfare payments from the state or local welfare office (during the past 12 months)?

Answer List: YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If QWELF in [Yes,No] Then  
WELFQ  
Elseif QWELF in [Dk,Rf] Then  
QRETIR

---

**Name:** WELFQ

**SAS Name:** WELFQ

**Universe Description:** Valid response to question regarding welfare payments received during the past 12 months.

**Question Text:** What was the amount?

Enter 99998 for \$99,998 or more

**Skip Instructions:** If WELFQ in [100..9999,Dk,Rf] Then  
QRETIR  
Elseif WELFQ < 100 or WELFQ >= 10000 Then  
E\_WELFQ

---

**Name:** QRETIR

**SAS Name:** QRETIR

**Universe Description:** Current household member who is either the reference person or a relative of reference person and over the age of 16.

**Question Text:** Did ^you\_name receive any retirement or survivor pensions during the past 12 months?

Answer List: YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If QRETIR in [Yes,No] Then  
RETIRQ  
Elseif QRETIR in [Dk,Rf] Then  
QWKCMP

---

**Name:** RETIRQ



**SAS Name:** RETIRQ

**Universe Description:** Valid response to question regarding retirement or survivor pensions received during the past 12 months.

**Question Text:** What was the amount?

Enter 9999998 if \$9,999,998 or more

**Skip Instructions:** If RETIRQ in [1000..19999,Dk,Rf] Then  
QWKCMP  
Elseif RETIRQ < 1000 or RETIRQ >= 20000 Then  
E\_RETIRQ

**Name:** QWKCMP

**SAS Name:** QWKCMP

**Universe Description:** Current household member who is either the reference person or a relative of reference person and over the age of 16.

**Question Text:** Did ^you\_name receive any disability payments such as SSDI, worker's compensation, veteran's disability or other disability payments (during the past 12 months)?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If QWKCMP in [Yes,No] Then  
WKCMPQ  
Elseif QWKCMP in [Dk,Rf] Then  
QALIM

**Name:** WKCMPQ

**SAS Name:** WKCMPQ

**Universe Description:** Valid response to question regarding disability payments received during the past 12 months.

**Question Text:** What was the amount?

Enter 999998 for \$999,998 or more

**Skip Instructions:** If WKCMPQ in [1000..19999,Dk,Rf] Then  
QALIM  
Elseif WKCMPQ < 1000 or WKCMPQ >= 20000 Then  
E\_WKCMPQ

**Name:** QALIM

**SAS Name:** QALIM

**Universe Description:** Current household member who is either the reference person or a relative of reference person and over the age of 16.

**Question Text:** In the past 12 months, did ^you\_name receive alimony or child support?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If QALIM in [Yes,No] Then  
ALIMQ  
Elseif QALIM in [Dk,Rf] Then  
QOTHER

---

**Name:** ALIMQ

**SAS Name:** ALIMQ

**Universe Description:** Valid response to question regarding payments received from alimony or child support in the past 12 months.

**Question Text:** What was the amount?

Enter 9999998 for \$9,999,998 or more

**Skip Instructions:** If ALIMQ in [100..19999,Dk,Rf] or (ALIMQ = 0 and QALIM = No) Then  
QOTHER  
Elseif ALIMQ in [1..99] or ALIMQ >= 20000 or (ALIMQ = 0 and QALIM = Yes) Then  
E\_ALIMQ

---

**Name:** QOTHER

**SAS Name:** QOTHER

**Universe Description:** Current household member who is either the reference person or a relative of reference person and over the age of 16.

**Question Text:** (In the past 12 months), did ^you\_name receive unemployment compensation, any veteran's payments not already mentioned or any other income?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |

---

**Skip Instructions:** If QOTHER in [Yes,No] Then  
 OTHERQ  
 Elseif QOTHER in [Dk,Rf] Then  
 MISSINC

**Name:** OTHERQ

**SAS Name:** OTHERQ

**Universe Description:** Valid response to question regarding payments received from all other sources in the past 12 months.

**Question Text:** What was the amount from all sources?

(Do not include lump sum payments such as money from an inheritance or sale of a home.)

Enter 9999998 for \$9,999,998 or more

**Skip Instructions:** If OTHERQ < 100 or OTHERQ >= 20000 Then  
 E\_OTHERQ  
 Elseif OTHERQ in [Dk,Rf] or (OTHERQ in [100..19999] and  
 (QSAL in [Dk,Rf] or SALQ in [Dk,Rf] or  
 QSELF in [Dk,Rf] or SELFQ in [Dk,Rf] or  
 QINT in [Dk,Rf] or INTQ in [Dk,Rf] or  
 QDIV in [Dk,Rf] or DIVQ in [Dk,Rf] or  
 QRENT in [Dk,Rf] or RENTQ in [Dk,Rf] or  
 QSS in [Dk,Rf] or SSQ in [Dk,Rf] or  
 QSSI in [Dk,Rf] or SSIQ in [Dk,Rf] or  
 QWELF in [Dk,Rf] or WELFQ in [Dk,Rf] or  
 QRETIR in [Dk,Rf] or RETIRQ in [Dk,Rf] or  
 QWKCMP in [Dk,Rf] or WKCMPQ in [Dk,Rf]) or  
 QALIM in [DK,Rf] or ALIMQ in [Dk,Rf])) Then  
 MISSINC  
 Else CALCINC

**Name:** MISSINC

**SAS Name:** MISSINC

**Universe Description:** At least one income source is not reported.

**Question Text:** What was ^your\_NAME TOTAL income during the PAST 12 MONTHS?

If income was a loss, precede amount with a ' - '.

Enter 99999998 for \$99,999,998 or more

**Skip Instructions:** If MISSINC < 0 or MISSINC >= 100000 Then

E\_MISSINC  
Elseif MISSINC in [0..99999,Dk,Rf] Then  
Next Eligible Person or Exit BRELINC

---

**Name:** CALCINC  
**SAS Name:** CALCINC  
**Universe Description:** Current household members that are at least 16 years of age that either are the reference person or are related to the reference person and all income was reported and total calculated

**Question Text:** ^calc\_record ^you\_NAME ^have\_has2 received  
^income OVER THE PAST 12 MONTHS.  
Is this correct?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If CALCINC = Yes Then  
Next Eligible Person or Exit BRELINC  
Elseif CALCINC in [No,Dk,Rf] Then  
ESTINC

---

**Name:** ESTINC  
**SAS Name:** ESTINC  
**Universe Description:** Current household members that are at least 16 years of age that either are the reference person or are related to the reference person and total income calculation is either incorrect or respondent did not know or refused to provide response

**Question Text:** What is your best estimate of the total income  
^you\_name received from all sources  
OVER THE PAST 12 MONTHS?

If income was a loss, precede amount with a ' - '. Breakeven = 1.

Enter 99999998 for \$99,999,998 or more

**Skip Instructions:** If ESTINC in [-99999998..99999998,Dk,Rf] Then  
Next Eligible Person or Exit BRELINC

---

**Name:** CROPSL  
**SAS Name:** CROPSL  
**Universe Description:** Households where at least one member received self-employment income and lives in a house or manufactured/mobile home that sits on 1 acre or more in a rural area.

AHS-National cases only.

**Question Text:** During the past 12 months did sales of crops, livestock, and other farm products from this place amount to \$1,000 or more?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If CROPSL in [Yes,No,Dk,Rf] Then  
MSINC\_XCNT

---

**Name:** TOTLINC  
**SAS Name:** TOTLINC  
**Universe Description:**

---

**Name:** MSINC\_XCNT  
**SAS Name:** MSINC\_XCNT  
**Universe Description:** Households with at least one member eligible for income questions.

**Skip Instructions:** If XCOUNTER > 1 and MSINC\_XCNT >= 1 Then  
ESTTINC  
Elseif XCOUNTER = 1 or (XCOUNTER > 1 and MSINC\_XCNT = 0) Then  
ZINCH

---

**Name:** ESTTINC  
**SAS Name:** ESTTINC  
**Universe Description:** Households with more than one person eligible for income questions and income was not reported for at least one of them; and families with all persons under age 16.

**Question Text:** What is your best estimate of the total income  
^your\_this4 family received from all sources  
OVER THE PAST 12 MONTHS?

If income was a loss, precede amount with a ' - '. Breakeven = 1.

Enter 99999998 for \$99,999,998 or more

**Skip Instructions:** If ESTTINC in [Dk,Rf] Then  
LT25K  
Elseif ESTTINC in [-9999998..99999998] Then  
ZINCH

---

**Name:** LT25K

**SAS Name:** LT25K

**Universe Description:** Don't know or refuse to estimate total family income from past 12 months.

**Question Text:** Was ^all\_your2 total combined incomes over \$25,000?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If LT25K in [Yes,No,Dk,Rf] Then  
ZINCH

---

**Name:** ZINCH

**SAS Name:** ZINCH

**Universe Description:** Households with at least one member eligible for income questions.

**Question Text:** Is ^all\_your3 total ^income2 THIS MONTH  
about the same as it was a year ago?

If income is about the same, or within 10 percent,  
or just cost of living adjustments, enter yes

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ZINCH = Yes and (TOTLINC > 25000 or LT25K = Yes) Then  
Ratings Module  
Elseif ZINCH = Yes and (TOTLINC <= 25000 or LT25K in [No,Dk,Rf]) Then  
QFS1  
If ZINCH = [No,Dk,Rf] Then  
ZINCN

---

**Name:** ZINCN

**SAS Name:** ZINCN

**Universe Description:** Total family income this month was not same as a year ago or question regarding  
sameness of income had response of "don't know" or "refused".

**Question Text:** What do you expect ^all\_your3 total ^income2 to be  
in the NEXT 12 MONTHS?

If income was a loss, precede amount with a '-'.

Breakeven = 1.

Enter 99999998 for \$99,999,998 or more

**Skip Instructions:** If ZINCN in [-999999..99999998,Dk,Rf] and (TOTLINC > 25000 or LT25K = Yes)  
Then

Ratings Module

Elseif ZINCN in [-999999..99999998,Dk,Rf] and (TOTLINC <= 25000 or LT25K in  
[No,Dk,Rf]) Then

QFS1

---

**Name:** QFS1

**SAS Name:** QFS1

**Universe Description:** Total family income is less than or equal to \$25000.

**Question Text:** Did ^your\_this4 receive Food Stamp Benefits  
in the past 12 months?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If QFS1 in [Yes,No,Dk,Rf] Then  
Ratings Module

---

**Name:** RATING\_BEG

**SAS Name:** RATING\_BEG

**Universe Description:** All AHS-National and AHS-MS regular occupied units.

**Question Text:** 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.

**Answer List:** Continue

---

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | Enter 1 to continue |

---

**Skip Instructions:** If ISTATUS = 1 then  
HOWH

---

**Name:** HOWH

**SAS Name:** HOWH

**Universe Description:** All AHS-National and AHS-MS regular occupied units

**Question Text:** On a scale of 1 to 10, how would you rate your ^HTYPEFILL as a place to live?

10 is best, 1 is worst.

Probe: We would like your opinion please.

**Skip Instructions:** if ISTATUS = 1 then  
HOWN

---

**Name:** HOWN

**SAS Name:** HOWN

**Universe Description:** All AHS-National and AHS-MS regular occupied interviews

**Question Text:** How would you rate your neighborhood on a scale of 1 - 10?

10 is best, 1 is worst

Probe: We would like your opinion please.

Enter 0 "No Neighborhood" if respondent volunteers this answer

**Skip Instructions:** if ISTATUS = 1 and TENURE = 1 or (ISTATUS=2,3 and VACANC<>1,2,4) then  
OBRINTRO  
if ISTATUS = 1 and TENURE=2,3 or (ISTATUS=2,3 and VACANC = 1,2,4) then  
MGR\_BEGIN

---

**Name:** MGER\_INTRO

**SAS Name:**

**Universe Description:** Regular occupied interview and rented for cash rent or URE or Vacant interview and unit for rent, rent or sale, or rented but not yet occupied

**Question Text:** Now I have a ^few\_couple.

**Skip Instructions:** IF NUNITS >= 5 AND ((CDEPSTAT = 1 AND I\_NBLGCO = EMPTY) or  
CDEPSTAT<>1) THEN  
ISNAMEQ  
IF NUNITS >= 5 AND CDEPSTAT <> 1 AND I\_NBLGCO <> EMPTY THEN  
NBLGCOV

---

**Name:** ISNAMEQ

**SAS Name:** ISNAMEQ

**Universe Description:** Number of units in building is 5 or more and no previous information on name of building/complex



**Question Text:** Is there a name for ^this\_that (building or complex)?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF ISNAMEQ = 1 THEN  
NBLGCOQ  
IF ISNAMEQ = 2, DK, RF AND ((STYPE = 1,2) OR (STYPE=4 AND TPARKA = 2))  
AND not in [CDEPSTAT = 1 AND I\_OWNNNA = EMPTY AND I\_OWNNADD = EMPTY  
AND I\_OWNNCTY = EMPTY AND I\_OWNNST = EMPTY AND I\_OWNNZIP = EMPTY]  
THEN  
ADDVER  
IF ISNAMEQ = 2, DK, RF AND ((STYPE = 1,2) OR (STYPE=4 AND TPARKA = 2))  
AND CDEPSTAT = 1 AND I\_OWNNNA = EMPTY AND I\_OWNNADD = EMPTY AND  
I\_OWNNCTY = EMPTY AND I\_OWNNST = EMPTY AND I\_OWNNZIP = EMPTY OR  
CDEPSTAT = 2 THEN  
OWNNAQ  
IF ISNAMEQ = 2, DK, RF AND CDEPSTAT = 1 AND I\_OWNNHERE = 1 THEN  
OWNHEREV  
IF ISNAMEQ=2,DK,RF AND CDEPSTAT=1 AND I\_OWNNHERE<>1 THEN  
OWNHEREQ

---

**Name:** NBLGCOQ

**SAS Name:** NBLGCOQ

**Universe Description:** There is a name for the building/complex

**Question Text:** What is it?

**Skip Instructions:** IF [((STYPE = 1,2) OR (STYPE=4 AND TPARKA = 2)) AND I\_OWNNNA = <> AND  
I\_OWNNADD = <> AND I\_OWNNCTY = <> AND I\_OWNNST = <> AND I\_OWNNZIP = <>]  
OR CDEPSTAT = 2 THEN  
OWNNAQ  
IF ((STYPE = 1,2) OR (STYPE=4 AND TPARKA = 2)) AND not in [ I\_OWNNNA = <>  
AND I\_OWNNADD = <> AND I\_OWNNCTY = <> AND I\_OWNNST = <> AND I\_OWNNZIP  
= <>] THEN  
ADDVER  
IF CDEPSTAT = 1 AND I\_OWNNHERE = 1 THEN  
OWNHEREV  
IF CDEPSTAT=1 AND I\_OWNNHERE <> 1 THEN  
OWNHEREQ

---

**Name:** OWNHERE

**SAS Name:** OWNHERE

**Universe Description:**

**Name:** OWNHEREQ

**SAS Name:** OWNHEREQ

**Universe Description:** multi unit or mobile home in park and not a replacement household or housing unit

**Question Text:** Does either the owner or a resident manager live in ^this\_that  
(building/complex)?

Exclude staff who do only maintenance.

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF I\_OWNNNA = <> AND I\_OWNAADD = <> AND I\_OWNNCTY = <> AND I\_OWNNST = <> AND I\_OWNNZIP = <> OR CDEPSTAT = 2 THEN  
OWNNAQ  
IF[I\_OWNNNA = <> AND I\_OWNAADD = <> AND I\_OWNNCTY = <> AND I\_OWNNST = <> AND I\_OWNNZIP = <>] NOT TRUE THEN  
ADDVER

---

**Name:** OWNHEREV

**SAS Name:** OWNHEREV

**Universe Description:** Meets initial requirements for dependent interview and the owner/manager lives in the building/complex

**Question Text:** Last time we recorded that either the owner or a resident manager lives in this (building or complex).

Choose appropriate wording

Is this information still correct?

Exclude staff who do only maintenance work

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF[I\_OWNNNA = EMPTY AND I\_OWNAADD = EMPTY AND I\_OWNNCTY = EMPTY AND I\_OWNNST = EMPTY AND I\_OWNNZIP = EMPTY] NOT TRUE THEN  
ADDVER  
IF I\_OWNNNA = EMPTY AND I\_OWNAADD = EMPTY AND I\_OWNNCTY = EMPTY AND I\_OWNNST = EMPTY AND I\_OWNNZIP = EMPTY OR CDEPSTAT = 2 THEN

OWNNAQ

---

**Name:** ADDVER

**SAS Name:** ADDVER

**Universe Description:** Housing unit is Regular occupied interview last time and is rented for cash rent AND previous information

**Question Text:** Last time we recorded the following information for either the  
^coopCondoMobile owner's name and address or for where you send your rent.

OLD NAME: ^OWNNAV

OLD ADDRESS: ^OWNADDV

OLD CITY/ST/ZIP: ^OWNCTYV, ^OWNSTV ^OWNZIPV

Is this information still correct?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** IF ADDVER = 2, DK, RF THEN  
OWNNAQ  
if ADDVER = 1 AND HCST12D\_PROJ1 = 2 THEN  
PHACKVP  
IF ADDVER = 1 THEN  
OWNLOCQ

---

**Name:** OWNNAQ

**SAS Name:** OWNNAQ

**Universe Description:** Previous address is incorrect, or Input variables with owner/manager address are empty

**Question Text:** What is the ^current ^owner name?

**Skip Instructions:** IF OWNNAQ = NOT BLANK THEN  
OWNADDQ

---

**Name:** OWNADDQ

**SAS Name:** OWNADDQ

**Universe Description:** Previous address is incorrect, or and Input variables are empty

**Question Text:** What is the ^current address?

**Skip Instructions:** if OWNADDQ = NOT BLANK THEN

OWNCTYQ

---

**Name:** OWNCTYQ

**SAS Name:** OWNCTYQ

**Universe Description:** Previous address is incorrect, or Input variables are empty

**Question Text:** What is the ^current city?

**Skip Instructions:** if OWNCTYQ = not blank THEN  
OWNSTQ

---

**Name:** OWNSTQ

**SAS Name:** OWNSTQ

**Universe Description:** Previous address is incorrect, or Input variables are empty

**Question Text:** In which state is the ^current address?

Enter state abbreviation or select from drop down list

**Skip Instructions:** IF OWNSTQ = NOT BLANK THEN  
OWNZIPQ

---

**Name:** OWNZIPQ

**SAS Name:** OWNZIPQ

**Universe Description:** Previous address is incorrect, or Input variables are empty

**Question Text:** What is the ^current zip code?

**Skip Instructions:** IF OWNZIPQ = NOT BLANK THEN  
OWNLOCQ

---

**Name:** OWNLOCQ

**SAS Name:** OWNLOCQ

**Universe Description:** Previous address is correct or incorrect, or Input variables are empty

**Question Text:** Is this a home or office address?

**Answer List:** OWNLOCQ

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Home                |
| 2             |                  | Office              |

---

**Skip Instructions:** IF OWNLOCQ=NOT BLANK THEN  
OWNTLEQ

---

**Name:** OWNTLEQ

**SAS Name:** OWNTLEQ

**Universe Description:** Previous address is incorrect, or Input variables are empty

**Question Text:** Is this person the owner or someone else?

**Answer List:** OWNTLEQ

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Owner               |
| 2             |                  | Other               |

---

**Skip Instructions:** IF ADDVER=1 [I\_OWNPRES<>EMPTY and I\_OWNSUF<>EMPTY] THEN  
OWNAREV  
IF OWNTLEQ=NOT BLANK THEN  
OWNAREQ

---

**Name:** PHACKVP

**SAS Name:** PHACKVP

**Universe Description:** SEE SPECIAL INSTRUCTIONS FOR GOTO

**Question Text:** Earlier I recorded that ^your\_the ^HTYPEFILL is NOT owned by a public housing authority, but this name sounds like it may be.

Which is correct?

**Answer List:** PHACKVP

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>  |
|---------------|------------------|--|
| 1             |                  | Unit IS owned by a PHA (Correct entry in HCST12D_PROJ1)                      |
| 2             |                  | No, unit is NOT owned by PHA (Correct name/address if necessary and proceed) |

---

**Skip Instructions:** IF ADDVER=1 [I\_OWNPRES <> EMPTY and i\_ownsuf <> EMPTY] THEN  
OWNAREV  
IF OWNTLEQ = NOT BLANK THEN  
OWNAREQ

---

**Name:** OWNAREV

**SAS Name:** OWNAREV

**Universe Description:** no new management, input variables for phone prefix and suffix are not empty and previous enumeration was reg. occ. interview

**Question Text:** Last time we recorded the following telephone number for ^OWNNA

^I\_OWNARE ^I\_OWNPRES ^I\_OWNSUF ^I\_OWNEXT

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** IF OWNAREV = 1 THEN  
                          OLDTYPE  
                          IF OWNAREV = 2 THEN  
                          OWNAREQ  
                          IF OWNAREV = DK, RF THEN  
                          Next Module

---

**Name:** OWNAREQ

**SAS Name:** OWNAREQ

**Universe Description:** Previous phone number is not the same or there is nothing listed for a previous phone number

**Question Text:** What is ^OWNNA's telephone number including area code?

**Skip Instructions:** if OWNAREq = not blank THEN  
                          OWNPREQ

---

**Name:** OWNPREQ

**SAS Name:** OWNPREQ

**Universe Description:** Previous phone number is not the same or there is nothing listed for a previous phone number

**Question Text:** Enter owner/office telephone prefix

**Skip Instructions:** if OWNPREQ = NOT BLANK THEN  
                          OWNSUFQ

---

**Name:** OWNSUFQ

**SAS Name:** OWNSUFQ

**Universe Description:** Previous phone number is not the same or there is nothing listed for a previous phone number

**Question Text:** Enter owner/office telephone suffix.

**Skip Instructions:** IF OWNSUFQ = NOT BLANK THEN  
                          OWNEXTQ

---

**Name:** OWNEXTQ

**SAS Name:** OWNEXTQ

**Universe Description:** Previous phone number is not the same or there is nothing listed for a previous phone number

**Question Text:** (What is ^OWNNA's telephone extension?)

Enter "N" for none

**Skip Instructions:** if OWNEXTQ = NOT BLANK THEN  
OWNTYPQ

---

**Name:** OWNTYPQ

**SAS Name:** OWNTYPQ

**Universe Description:** Phone number was given

**Question Text:** Is this the home or business number?

Probe if necessary

**Answer List:** OWNTYPQ

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |      |
|---|--|------|
| 1 |  | Home |
|---|--|------|

---

|   |  |          |
|---|--|----------|
| 2 |  | Business |
|---|--|----------|

---

**Skip Instructions:** IF OWNTYPQ = 1,2,DK,RF THEN  
Next Module

---

**Name:** OLDTYPE

**SAS Name:** OLDTYPE

**Universe Description:** Phone number recorded is the same as last time

**Question Text:** Last time we recorded that this is ^I\_OWNTYP number.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** IF NUMTYPE = 1, 2, DK, RF  
Next Module

---

**Name:** NRCNTR

**SAS Name:** NRCNTR

**Universe Description:**

**Skip Instructions:** If NRCNTR >= 1 and RESPLINE <> LNO of 1st Nonrel Then  
HERE  
Elseif NRCNTR >= 1 and RESPLINE = LNO of 1st Nonrel Then  
QSALNR  
Elseif NRCNTR < 1 Then  
OBR Module

---

**Name:** INDVINCN

**SAS Name:** INDVINCN

**Universe Description:**

---

**Name:** HERE

**SAS Name:** HERE

**Universe Description:** Respondent is not a non-relative household member.

**Question Text:** (I ^also\_have a few questions that I would like to ask ^NAMEFILL2.)  
(Is ^he\_she here now?)

If Yes, ask: May I speak to ^him\_her please?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If HERE = Yes Then  
QSALNR  
Elseif HERE in [No,Dk,Rf] Then  
Next Eligible Person or Exit BNRELINC

---

**Name:** QSALNR

**SAS Name:** QSALNR

**Universe Description:** Nonrelative is available to answer income questions.

**Question Text:** Talking to: ^NAMEFILL2  
  
^NRRsp1  
^NRRsp2 ^RESPONDENT  
^NRRsp3  
  
^NRRsp4



During the past 12 months, did you receive any wages, salary, tips, bonuses, or commissions?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If QSALNR in [Yes,No] then  
SALNRQ  
Elseif QSALNR in [Dk,Rf] Then  
QSELFNR

---

**Name:** SALNRQ

**SAS Name:** SALNRQ

**Universe Description:** Non-relative received wages, salary, tips, bonuses or commissions during the past 12 months.

**Question Text:** How much did you receive?

(Report amount from all jobs before any deductions for taxes, bonds or other items.)

Enter 9999998 for \$9,999,998

**Skip Instructions:** If SALNRQ in [0..99999,Dk,Rf] Then  
QSELFNR  
Elseif SALNRQ >= 100000 Then  
E\_SALNRQ

---

**Name:** QSELFNR

**SAS Name:** QSELFNR

**Universe Description:** Wages/salary question answered.

**Question Text:** Did you receive any self-employment income DURING THE LAST 12 MONTHS?

Report income from own business (farm or non-farm) including proprietorship and partnership.

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If QSELFNR in [Yes,No] Then  
SELFNRQ  
Elseif QSELFNR in [Dk,Rf] Then  
QOTHNR

---

**Name:** SELFNRQ  
**SAS Name:** SELFNRQ  
**Universe Description:** Non-relative received self-employment income in the past 12 months.

**Question Text:** What was the amount?

Report net income after operating expenses, including earnings as a tenant farmer or sharecropper. If net income was a loss precede amount with a '-'. Breakeven = 1.

Enter 9999998 for \$9,999,998 or more

**Skip Instructions:** If SELFNRQ in [1..99999,Dk,Rf] Then  
QOTHNR  
Elseif SELFNRQ <= 0 or SELFNRQ >= 100000 Then  
E\_SELFNRQ

---

**Name:** QOTHNR  
**SAS Name:** QOTHNR  
**Universe Description:** Self-employment question answered.

**Question Text:** Did you receive income on a REGULAR basis from any other sources DURING THE PAST 12 MONTHS?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If QOTHNR in [Yes,No] Then  
OTHNRQ  
Elseif QOTHNR in [Dk,Rf] Then  
Next Eligible Person or Exit BNRELINC

---

**Name:** OTHNRQ  
**SAS Name:** OTHNRQ  
**Universe Description:** Non-relative received income from other sources.

**Question Text:** What was the amount from all other sources?

(Do not include lump sum payments such as money from an inheritance or sale of a

home)

Enter 9999998 for \$9,999,998 or more

**Skip Instructions:** If OTHNRQ in [0..99999,Dk,Rf] Then  
Next Eligible Person or Exit BNRELINC  
Elseif OTHNRQ >= 100000 Then  
E\_OTHNRQ

---

**Name:** NRIAVFL

**SAS Name:** NRIAVFL

**Universe Description:**

**Skip Instructions:** If NRIAVFL = 1 Then  
QSALEST  
Elseif NRIAVFL = 0 Then  
OBR Module

---

**Name:** QSALEST

**SAS Name:** QSALEST

**Universe Description:** Non-relative is unavailable to answer income questions.

**Question Text:** Ask to speak to ^RESPONDENT again, if necessary

(As I mentioned earlier, we are concerned about housing costs compared to income.)

In case I'm not able to reach ^NAMEFILL2 at a later time, can you provide an estimate of ^NAMEFILL2's total income before deductions in the last 12 months?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If QSALEST = Yes Then  
SALEST  
Elseif QSALEST in [No,Dk,Rf] Then  
OTHEST

---

**Name:** OTHEST

**SAS Name:** OTHEST

**Universe Description:** Reference person does not know the estimate of the non-relative's total income before deductions in the last 12 months.

**Question Text:** Is there anyone home now who could provide an estimate of ^NAMEFILL2's income

in the last 12 months?

If yes, ask to speak to person. Introduce yourself.

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If OTHEST = Yes Then  
SALEST  
Elseif OTHEST in [No,Dk,Rf] Then  
Next Eligible Person or Exit BNOTHERE

---

**Name:** SALEST

**SAS Name:** SALEST

**Universe Description:** Another household member is willing to give an estimate of non-relative's total income before deductions in the last 12 months.

**Question Text:** What is your estimate of ^NAMEFILL2's total income before deductions in the last 12 months?

If income was a loss, precede amount with a ' - '. Breakeven = 1.

Enter 99999998 for \$99,999,998

**Skip Instructions:** If SALEST in [-9999998..99999998,Dk,Rf] Then  
Next Eligible Person or Exit BNOTHERE

---

**Name:** EMISSR

**SAS Name:** EMISSR

**Universe Description:** Structure type is either a detached 1-unit building, an attached 1-unit building or a manufactured/mobile home

**Question Text:** The next questions are about the CONDITION of the outside of ^your\_the ^home\_mobile\_building.

Does the roof have missing shingles or other missing roofing materials?

(Do not count gutters or downspouts)

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |

---

---

2

No

---

**Skip Instructions:** If EMISSR in [Yes,No,Dk,Rf] Then  
EHOLER

---

**Name:** EHOLER

**SAS Name:** EHOLER

**Universe Description:** Response of yes, no, don't know or refused to question regarding whether the roof has missing shingles or other materials

**Question Text:** Does the roof have any holes?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** If EHOLER in [Yes,No,Dk,Rf] Then  
ESAGR

---

**Name:** ESAGR

**SAS Name:** ESAGR

**Universe Description:** Response of yes, no, don't know or refused to question regarding whether or not roof has holes

**Question Text:** Does the roof's surface sag or appear uneven?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |     |
|---|--|-----|
| 1 |  | Yes |
|---|--|-----|

---

|   |  |    |
|---|--|----|
| 2 |  | No |
|---|--|----|

---

**Skip Instructions:** If ESAGR in [Yes,No,Dk,Rf] Then  
EMISSW

---

**Name:** EMISSW

**SAS Name:** EMISSW

**Universe Description:** Response of yes, no, don't know, or refused to question regarding whether roof sags or appears uneven

**Question Text:** Do the outside walls have any missing siding, bricks, or other missing wall materials?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If EMISSW in [Yes,No,Dk,Rf] Then  
ESLOPW

---

**Name:** ESLOPW

**SAS Name:** ESLOPW

**Universe Description:** Response of yes, no, don't know or refused to question regarding missing siding, bricks, or other wall materials

**Question Text:** Do the outside walls slope, lean, buckle, or slant?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ESLOPW in [Yes,No,Dk,Rf] Then  
EBOARD

---

**Name:** EBOARD

**SAS Name:** EBOARD

**Universe Description:** Response of yes, no, don't know, or refused to question regarding slope, lean, buckle or slant of the outside walls

**Question Text:** Are any of the windows in ^your\_the ^home\_mobile\_building boarded up?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If EBOARD in [Yes,No,Dk,Rf] Then  
EBROKE

---

**Name:** EBROKE

**SAS Name:** EBROKE

**Universe Description:** Response of Yes, No, Don't know or refused to question regarding whether any of the windows are boarded up

**Question Text:** Are any of the windows in ^your\_the ^home\_mobile\_building broken?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If EBROKE in [Yes,No,Dk,Rf] Then  
EBAR

---

**Name:** EBAR

**SAS Name:** EBAR

**Universe Description:** Response of yes, no, don't know, or refused to question regarding whether windows are broken

**Question Text:** Are any of the windows in ^your\_the ^home\_mobile\_building covered with metal bars?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If EBAR in [Yes,No,Dk,Rf] Then  
ECRUMB

---

**Name:** ECRUMB

**SAS Name:** ECRUMB

**Universe Description:** Response of yes, no, don't know or refused to question regarding whether windows are covered with metal bars

**Question Text:** Are there holes or open cracks or crumbling in the foundation of ^your\_the ^home\_mobile\_building -- that is, in the base on which the ^home\_mobile\_building stands?

(Do not count holes made for ventilation)

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |     |
|---|-----|
| 1 | Yes |
| 2 | No  |

**Skip Instructions:** If ECRUMB in [Yes,No,Dk,Rf] Then  
EWATER

**Name:** EWATER

**SAS Name:** EWATER

**Universe Description:** New case or Eligible for dependent interviewing and no previously stored value for EWATER

**Question Text:** These next questions ask about the area that is within a half block of ^your\_the ^home\_mobile\_building. For this survey, a half block is about 300 feet in length.

Are there any bodies of water, such as ponds, lakes, rivers, or the ocean within a half block of ^your\_the ^home\_mobile\_building?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If EWATER = Yes and CDEPSTAT = 1 and I\_WFPROP = 1 Then  
WFPROPV  
If EWATER = Yes and CDEPSTAT <> 1 or I\_WFPROP <> 1 Then  
WFPROP  
If EWATER in [No,Dk,Rf] Then  
EGREEN

**Name:** WFPROPV

**SAS Name:** WFPROPV

**Universe Description:** Returning units eligible for dependent interviewing who reported being waterfront property at previous interview

**Question Text:** Last time we recorded that ^your\_this1 ^home\_mobile\_building is waterfront property.

Is this information still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |



---

2

No

---

**Skip Instructions:** If WFPROP in [Yes,No,Dk,Rf ] Then  
FLOODPLN

---

**Name:** WFPROP

**SAS Name:** WFPROP

**Universe Description:** There is water within half a block of home and one of the following:  
1. case is not eligible for dependent interviewing or  
2. input value for WFPROP is not "yes"

**Question Text:** Would you call ^your\_this1 ^home\_mobile\_building  
waterfront property?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If WFPROP in [Yes,No,Dk,Rf] Then  
FLOODPLN

---

**Name:** FLOODPLN

**SAS Name:** FLOODPLN

**Universe Description:** Not a returning case or Eligable for dependent interviewing and no previously stored  
value for FLOODPLN.

**Question Text:** Is this property in a flood plain?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If FLOODPLN in [Yes,No,Dk,Rf] Then  
EGREEN

---

**Name:** EGREEN

**SAS Name:** EGREEN

**Universe Description:** Response to whether there is a body of water within half a block is either no, don't  
know or refused  
OR  
Response to whether or not property is in a flood plain is not empty

**Question Text:** Are any open spaces, such as parks, woods, farms, or ranches within a half block of ^your\_the ^home\_mobile\_building?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If EGREEN in [Yes,No,Dk,Rf] and CDEPSTAT = 1 and I\_WFPROP = 1 Then  
ETTRANSV  
If EGREEN in [Yes,No,Dk,Rf] Then  
ETTRANS

---

**Name:** ETRANSV

**SAS Name:** ETRANSV

**Universe Description:** Returning units eligible for dependent interviewing who reported railroads, airports, or highways at previous interview

**Question Text:** Last time we recorded that there were railroads, airports, or highways with at least 4 lanes within a half block of ^your\_the ^home\_mobile\_building.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ETRANSV in [Yes,No,Dk,Rf ] and CDEPSTAT = 1 and I\_EPRKG = 1 Then  
EPRKGV  
If ETRANSV in [Yes,No,Dk,Rf ] and (CDEPSTAT <> 1 or I\_EPRKG <> 1) Then  
EPRKG

---

**Name:** ETRANS

**SAS Name:** ETRANS

**Universe Description:** Any response to question regarding parks, woods, farms or ranches and one of the following:

1. case is not eligible for dependent interviewing or
2. input value for ETRANS is not "yes"

**Question Text:** How about any railroads, airports, or highways with at least 4 lanes -- any of these within a half block of ^your\_the ^home\_mobile\_building?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ETRANS in [Yes,No,Dk,Rf] and CDEPSTAT = 1 and I\_EPRKG = 1 Then  
EPRKGV  
If ETRANS in [Yes,No,Dk,Rf] Then  
EPRKG

---

**Name:** EPRKGV

**SAS Name:** EPRKGV

**Universe Description:** Returning units eligible for dependent interviewing who reported parking lots at previous interview

**Question Text:** (Last time) we recorded that there were parking lots within a half block of ^your\_the ^home\_mobile\_building.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If EPRKGV in [Yes,No,Dk,Rf ] and CDEPSTAT = 1 and I\_ESFD = 1 Then  
ESFDV  
If EPRKGV in [Yes,No,Dk,Rf ] and (CDEPSTAT <> 1 or I\_ESFD <> 1) Then  
ESFD

---

**Name:** EPRKG

**SAS Name:** EPRKG

**Universe Description:** Any response to question regarding railroads and airports and one of the following:  
1. case is not eligible for dependent interviewing or  
2. input value for EPRKG is not "yes"

**Question Text:** Are there any parking lots within a half block of ^your\_the ^home\_mobile\_building?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |

---

---

2

No

---

**Skip Instructions:** If EPRKG in [Yes,No,Dk,Rf] and CDEPSTAT = 1 and I\_ESFD = 1 Then  
ESFDV  
If EPRKG in [Yes,No,Dk,Rf] Then  
ESFD

---

**Name:** ESFDV

**SAS Name:** ESFDV

**Universe Description:** Returning units eligible for dependent interviewing who reported single-family houses at previous interview

**Question Text:** (Last time) we recorded that there were single-family houses.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ESFDV in [Yes,No,Dk,Rf ] and CDEPSTAT = 1 and I\_ELOW1 = 1 Then  
ELOW1V  
If ESFDV in [Yes,No,Dk,Rf ] and (CDEPSTAT <> 1 or I\_ELOW1 <> 1) Then  
ELOW1

---

**Name:** ESFD

**SAS Name:** ESFD

**Universe Description:** Any response to question regarding parking lots within a half block and one of the following:  
1. case is not eligible for dependent interviewing or  
2. input value for ESFD is not "yes"

**Question Text:** Are there any single-family houses?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ESFD in [Yes,No,Dk,Rf] and CDEPSTAT = 1 and I\_ELOW1 = 1 Then  
ELOW1V  
If ESFD in [Yes,No,Dk,Rf] Then  
ELOW1

---

**Name:** ELOW1V

**SAS Name:** ELOW1V

**Universe Description:** Returning units eligible for dependent interviewing who reported single-family townhouses or rowhouses at previous interview

**Question Text:** (Last time) we recorded that there were single-family townhouses or rowhouses.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ELOW1V in [Yes,No,Dk,Rf ] and CDEPSTAT = 1 and I\_EAPTBL = 1 Then  
EAPTBLV  
If ELOW1V in [Yes,No,Dk,Rf ] and (CDEPSTAT <> 1 or I\_EAPTBL <> 1) Then  
EAPTBL

---

**Name:** ELOW1

**SAS Name:** ELOW1

**Universe Description:** Any response to question regarding whether there are any single-family houses and one of the following:  
1. case is not eligible for dependent interviewing or  
2. input value for ELOW1 is not "yes"

**Question Text:** How about single-family townhouses or rowhouses?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ELOW1 in [Yes,No,Dk,Rf] and CDEPSTAT = 1 and I\_EAPTBL = 1 Then  
EAPTBLV  
If ELOW1 in [Yes,No,Dk,Rf] Then  
EAPTBL

---

**Name:** EAPTBLV

**SAS Name:** EAPTBLV

**Universe Description:** Returning units eligible for dependent interviewing who reported apartment buildings at previous interview

**Question Text:** (Last time) we recorded that there were apartment buildings within a

half a block of ^your\_the ^home\_mobile\_building.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If EAPTBLV in [Yes,No,Dk,Rf ] Then  
EMOBIL

---

**Name:** EAPTBL

**SAS Name:** EAPTBL

**Universe Description:** Any response to question regarding presence of single-family townhouses and rowhouses within half a block and one of the following:

1. case is not eligible for dependent interviewing or
2. input value for EAPTBL1 is not "yes"

**Question Text:** Are there any apartment buildings within a  
half a block of ^your\_the ^home\_mobile\_building?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If EAPTBL in [Yes,No,Dk,Rf] Then  
EMOBIL

---

**Name:** EMOBIL

**SAS Name:** EMOBIL

**Universe Description:** Any response to question regarding apartment buildings within half a block

**Question Text:** Are there any manufactured/mobile homes?  
(EXCLUDE CAMPERS)

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If EMOBIL in [Yes,No,Dk,Rf] and CDEPSTAT = 1 and I\_ECOM1 = 1 Then  
ECOM1V  
If EMOBIL in [Yes,No,Dk,Rf] Then  
ECOM1

---

**Name:** ECOM1V

**SAS Name:** ECOM1V

**Universe Description:** Returning units eligible for dependent interviewing who reported businesses or institutions at previous interview

**Question Text:** Last time we recorded that there were businesses or institutions, such as stores, restaurants, schools, or hospitals within half a block of ^your\_the ^home\_mobile\_building.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ECOM1V in [Yes,No,Dk,Rf ] and CDEPSTAT = 1 and I\_ECOM2 = 1 Then  
ECOM2V  
If ECOM1V in [Yes,No,Dk,Rf ] and (CDEPSTAT <> 1 or I\_ECOM2 <> 1) Then  
ECOM2

---

**Name:** ECOM1

**SAS Name:** ECOM1

**Universe Description:** Any response to question regarding whether there are mobile/manufactured homes within half a block and one of the following:  
1. case is not eligible for dependent interviewing or  
2. input value for ECOM1 is not "yes"

**Question Text:** Are there any businesses or institutions, such as stores, restaurants, schools, or hospitals within half a block of ^your\_the ^home\_mobile\_building?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ECOM1 in [Yes,No,Dk,Rf] and CDEPSTAT = 1 and I\_ECOM2 = 1 Then  
ECOM2V

If ECOM1 in [Yes,No,Dk,Rf] Then  
ECOM2

---

**Name:** ECOM2V

**SAS Name:** ECOM2V

**Universe Description:** Returning units eligible for dependent interviewing who reported factories or other industrial structures at previous interview

**Question Text:** (Last time) we recorded that there were factories or other industrial structures.

Is this information still correct?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ECOM2V in [Yes,No,Dk,Rf] and EAPTBL = Yes Then  
EHEIGHT  
If (ECOM2V in [Yes,Dk,Rf] or (ECOM2V = No and EABAN = 0)) and EAPTBL <> Yes  
and CDEPSTAT = 1 and I\_EBARCL1 = 1 Then  
EBARCL1V  
If (ECOM2V in [Yes,Dk,Rf] or (ECOM2V = No and EABAN = 0)) and EAPTBL <> Yes  
Then  
EBARCL1  
Elseif ECOM2V = No and EABAN = 4 and EAPTBL <> Yes Then  
EJUNK1

---

**Name:** ECOM2

**SAS Name:** ECOM2

**Universe Description:** Any response to question regarding presence of businesses and institutions and one of the following:

1. case is not eligible for dependent interviewing or
2. input value for ECOM2 is not "yes"

**Question Text:** How about any factories or other industrial structures?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If ECOM2 in [Yes,No,Dk,Rf] and EAPTBL = Yes Then  
EHEIGHT



If (ECOM2 in [Yes,Dk,Rf] or (ECOM2 = No and EABAN = 0)) and EAPTBL <> Yes  
 and CDEPSTAT = 1 and I\_EBARCL1 = 1 Then  
 EBARCL1V  
 If (ECOM2 in [Yes,Dk,Rf] or (ECOM2 = No and EABAN = 0)) and EAPTBL <> Yes  
 Then  
 EBARCL1  
 Elseif ECOM2 = No and EABAN = 4 and EAPTBL <> Yes Then  
 EJUNK1

**Name:** EHEIGHT

**SAS Name:** EHEIGHT

**Universe Description:** There are apartment buildings within half of a block

**Question Text:** Thinking of the apartment buildings that are located within a half block of ^your\_the ^home\_mobile\_building, how many stories is the tallest one?

**Answer List:** EHEIGHT

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | 7 or more stories   |
| 2      |           | 4-6 stories         |
| 3      |           | Less than 4 stories |

**Skip Instructions:** If EHEIGHT in [1..3,Dk,Rf] and CDEPSTAT = 1 and I\_EBARCL1 = 1 Then  
 EBARCL1V  
 If EHEIGHT in [1..3,Dk,Rf] Then  
 EBARCL1

**Name:** EBARCL1V

**SAS Name:** EBARCL1V

**Universe Description:** Returning units eligible for dependent interviewing who reported a building with metal bars at previous interview

**Question Text:** Last time we recorded that there was a building with metal bars on its windows within half a block of ^your\_the ^home\_mobile\_building.

Is this information still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If EBARCL1V = Yes and CDEPSTAT = 1 and I\_EBARCL2 = 1 Then  
 EBARCL2V

If EBARCL1V = Yes and (CDEPSTAT <> 1 or I\_ EBARCL2<> 1) Then  
 EBARCL2  
 Elseif EBARCL1V in [No,Dk,Rf] Then  
 EABAN1

**Name:** EBARCL1

**SAS Name:** EBARCL1

**Universe Description:** There are homes, apartments, mobile homes, factories or other industrial structures within 1/2 block and one of the following:

1. case is not eligible for dependent interviewing or
2. input value for EBARCL1 is not "yes"

**Question Text:** Now, thinking of ALL of the buildings that are within half a block of ^your\_the ^home\_mobile\_building, do any of these buildings have metal bars on their windows?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If EBARCL1 = Yes and CDEPSTAT = 1 and I\_ EBARCL2 = 1 Then  
 EBARCL2V  
 If EBARCL1 = Yes Then  
 EBARCL2  
 Elseif EBARCL1 in [No,Dk,Rf] Then  
 EABAN1

**Name:** EBARCL2V

**SAS Name:** EBARCL2V

**Universe Description:** Returning units eligible for dependent interviewing who reported more than one building with metal bars at previous interview and reported at least one building with metal bars in current interview

**Question Text:** (Last time) we recorded that there was more than one building with metal bars on the windows.

Is this information still correct?

**Answer List:** YesNo

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

**Skip Instructions:** If EBARCL2V in [Yes,No,Dk,Rf ] Then

**Name:** EBARCL2

**SAS Name:** EBARCL2

**Universe Description:** There is at least one building within half a block with metal bars on its windows and one of the following:

1. case is not eligible for dependent interviewing or
2. input value for EBARCL2 is not "yes"

**Question Text:** Is there more than one building with metal bars on the windows?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If EBARCL2 in [Yes,No,Dk,Rf] Then  
EABAN1

---

**Name:** EABAN1

**SAS Name:** EABAN1

**Universe Description:** There are homes, apartments, mobile homes, factories or other industrial structures within 1/2 block.

**Question Text:** Are there any vandalized or abandoned buildings within half a block of ^your\_the ^home\_mobile\_building?

**Answer List:** YesNo

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Yes          |
| 2      |           | No           |

---

**Skip Instructions:** If EABAN1 = Yes Then  
EABAN2  
If EABAN1 in [No,Dk,Rf] Then  
EJUNK1

---

**Name:** EABAN2

**SAS Name:** EABAN2

**Universe Description:** There are vandalized or abandoned buildings within half a block

**Question Text:** Is there more than one vandalized or abandoned building?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If EABAN2 in [Yes,No,Dk,Rf] Then  
EJUNK1

---

**Name:** EJUNK1

**SAS Name:** EJUNK1

**Universe Description:** All regular occupied, ure, and vacant interviews.

**Question Text:** Is there trash, litter, or junk in the streets, roads, empty lots,  
or on any properties within half a block of ^your\_the ^home\_mobile\_building?

(INCLUDING THIS BUILDING)

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If EJUNK1 = Yes Then  
EJUNK2  
If EJUNK1 in [No,Dk,Rf] Then  
EROAD

---

**Name:** EJUNK2

**SAS Name:** EJUNK2

**Universe Description:** There is trash, litter or junk in the streets, roads, etc.

**Question Text:** Is there a small amount or a large amount of trash, litter, or junk?

**Answer List:** EJUNK2

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Small Amount        |
| 2             |                  | Large Amount        |

---

**Skip Instructions:** If EJUNK2 in [Small Amount,Large Amount,Dk,Rf] Then  
EROAD

**Name:** EROAD

**SAS Name:** EROAD

**Universe Description:** All regular occupied, ure, and vacant interviews.

**Question Text:** What is the condition of the streets within half a block or ^your\_the ^home\_mobile\_building?

Do these streets need major repairs, minor repairs, or no repair work?

**Answer List:** EROAD

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>            |
|---------------|------------------|--------------------------------|
| 1             |                  | Major repair work              |
| 2             |                  | Minor repair work              |
| 3             |                  | No repair work                 |
| 4             |                  | No streets within half a block |

---

**Skip Instructions:** If EROAD in [1..4,Dk,Rf] and EAGE = Empty and ISTATUS = 1 Then  
EAGE1

Elseif EROAD in [1..4,Dk,Rf] and EAGE = 5 and ISTATUS = 1 Then  
BACK

If EROAD in [1..4,Dk,Rf] and ISTATUS in [2,3] Then  
RESPTYP

---

**Name:** EAGE1

**SAS Name:** EAGE1

**Universe Description:** There are either single-family houses, single-family townhouses, apartment buildings or manufactured/mobile homes

**Question Text:** Finally, is ^your\_the ^home\_mobile\_building older, newer, or about the same age as the nearby ^homes\_apartments?

**Answer List:** EAGE1

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Older               |
| 2             |                  | Newer               |
| 3             |                  | Same age            |
| 4             |                  | Very mixed          |

---

**Skip Instructions:** If EAGE1 in [Older,Newer,Same age,Very mixed,Dk,Rf] and ISTATUS = 1 Then  
BACK

If EAGE1 in [Older,newer,same age,very mixed,Dk,Rf] and ISTATUS in [2,3] Then  
RESPTYP

---

**Name:** RESPTYP

**SAS Name:** RESPTYP

**Universe Description:** Interview status is either URE or Vacant

**Question Text:** MARK WITHOUT ASKING

What type of respondent is this?

**Answer List:** RESPTYP

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Owner               |
| 2             |                  | Manager             |
| 3             |                  | Neighbor            |
| 4             |                  | Real Estate Agent   |
| 5             |                  | URE Occupant        |
| 6             |                  | Other               |

---

**Skip Instructions:** If RESPTYP in [Owner, Manager, Neighbor, Real estate agent, URE occupant, other, Dk, Rf] Then  
BACK

---

**Name:** MARK

**SAS Name:** MARK

**Universe Description:** All cases.

**Skip Instructions:** If MARK <> Empty Then  
MARKTWO

---

**Name:** MARKTWO

**SAS Name:** MARKTWO

**Universe Description:** All cases

**Skip Instructions:** If MARKTWO <> Empty Then  
OUTCOME

---

**Name:** OUTCOME

**SAS Name:** OUTCOME

**Universe Description:** All cases.

**Skip Instructions:** If OUTCOME <> Empty Then  
BACK

---

**Name:** TELFLAG

**SAS Name:** TELFLAG

**Universe Description:**

---

**Name:** PHONEOK

**SAS Name:** PHONEOK

**Universe Description:**

---

**Name:** NOSUNDAY

**SAS Name:** NOSUNDAY

**Universe Description:**

---

**Name:** FRIP

**SAS Name:** FRIP

**Universe Description:**

---

**Name:** PEOPLECN

**SAS Name:** PEOPLECN

**Universe Description:**

---

**Name:** RIPHID

**SAS Name:** RIPHID

**Universe Description:**

---

**Name:** CALLBACK

**SAS Name:**

**Universe Description:**

---

**Name:** APNTMT

**SAS Name:** APNTMT

**Universe Description:** All interrupted or partial interviews.

**Question Text:** TODAY IS: ^DATEFILL

^CbReas

^PrevAppointment

**Answer List:** APNTMT

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|-----------------------|
| 1             | New              | Set NEW Appointment   |
| 2             | Same             | Keep SAME Appointment |

---

**Skip Instructions:** If APNTMT = 1 Then  
 CBNOTES  
 Elseif APNTMT = Rf and (OUTCOME in [200,202] or (OUTCOME in [204,205] and  
 MARKTWO = 00)) Then  
 CBREF  
 Elseif APNTMT in [2,3] and TELFLAG <> 1 and PHONENUM <> Empty and REPLHH  
 = 2 Then  
 TELIN  
 Elseif APNTMT in [2,3] and TELFLAG <> 1 and (PHONENUM = Empty or  
 (PHONENUM <> Empty and REPLHH = 1)) Then  
 TELHH  
 Elseif APNTMT in [2,3] and TELFLAG = 1 and MARK in [16..18] and FRIP <> 1 Then  
 RIPQ  
 Elseif APNTMT in [2,3] and TELFLAG = 1 and (MARK not in [16..18] or MARK in  
 [16..18] and FRIP = 1) Then  
 CBTHANK

**Name:** CBNOTES

**SAS Name:** CBNOTES

**Universe Description:** Indicated new appointment in appointment update screen.

**Question Text:** I'd like to schedule a DATE to ^conduct\_complete the interview.  
 What DATE AND TIME would be best to ^visit\_callback?

TODAY IS: ^DATEFILL

^CbReas

**Skip Instructions:** If CBNOTES <> Empty and (PHONENUM <> Empty and REPLHH = 1 or  
 PHONENUM = Empty) Then  
 TELHH  
 Elseif CBNOTES <> Empty and (PHONENUM <> Empty and REPLHH = 2 or  
 TELFLAG <> 1) Then  
 TELIN  
 Elseif CBNOTES <> Empty and TELFLAG = 1 and MARK in [16..18] and FRIP <> 1  
 Then  
 RIPQ  
 Elseif CBNOTES <> Empty and TELFLAG = 1 and (MARK not in [16..18] or MARK in  
 [16..18] and FRIP = 1) Then  
 CBTHANK

**Name:** CBREF

**SAS Name:**

**Universe Description:** Insufficient partial interviews where respondent refuses to schedule callback  
 appointment.



**Question Text:** s Exit this case now. Call the case up again and make it a TYPE A noninterview before transmitting.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If CBREF = Continue Then  
SHOFINAL

---

**Name:** TELHH

**SAS Name:** TELHH

**Universe Description:** All cases with missing telephone numbers or replacement households.

**Question Text:** If we need to contact you by telephone to followup on missing data, is there a telephone in this ^HTYPEFILL\_home?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TELHH in [No, Dk, Rf] Then  
TELAV  
Elseif TELHH = Yes Then  
TELIN

---

**Name:** TELIN

**SAS Name:** TELIN

**Universe Description:** Households with telephones.

**Question Text:** ^Telephone\_OK

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TELIN in [No, DK, RF] and MARK = 21 Then  
BESTTIME  
Elseif TELIN in [No, DK, RF] and MARK in [16..18] and FRIP <> 1 Then  
RIPQ

Elseif TELIN in [No, DK, RF] and (MARK not in [16..18] or (MARK in [16..18] and FRIP = 1)) Then  
CBTHANK  
Elseif TELIN = Yes Then  
BCKAREA

---

**Name:** TELAV

**SAS Name:** TELAV

**Universe Description:** Answered no, don't know, or refused in the telephone in household question.

**Question Text:** Is there a telephone elsewhere on which people  
in this household can be contacted?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TELAV in [No,Dk,Rf] and MARK = 21 Then  
BESTTIME  
Elseif TELAV in [No,Dk,Rf] and MARK in [16..18] and FRIP <> 1 Then  
RIPQ  
Elseif TELAV in [No,Dk,Rf] and ((MARK not in [16..18] or MARK in [16..18] and FRIP = 1)) Then  
CBTHANK  
Elseif TELAV = Yes Then  
TELWHR

---

**Name:** TELWHR

**SAS Name:** TELWHR

**Universe Description:** Answered yes to telephone elsewhere question.

**Question Text:** Where is the phone located?

**Skip Instructions:** If TELWHR <> Empty Then  
BCKAREA

---

**Name:** BCKAREA

**SAS Name:** BCKAREA

**Universe Description:** Indicated that there is a telephone in the household or gave a location of a telephone elsewhere.

**Question Text:** What is the telephone number where you would like to be called?

^PhoneInstr    ^ext

Enter area code

**Skip Instructions:** If BCKAREA <> Empty or BCKAREA = Empty Then  
BCKNUM

---

**Name:** BCKNUM

**SAS Name:** BCKNUM

**Universe Description:** Indicated that there is a telephone in the household or gave a location of a telephone elsewhere.

**Question Text:** ^PhoneInstr ^ext

Enter phone number

**Skip Instructions:** If BCKNUM <> Empty or BCKNUM = Empty Then  
BCKEXT

---

**Name:** BCKEXT

**SAS Name:** BCKEXT

**Universe Description:** Indicated that there is a telephone in the household or gave a location of a telephone elsewhere.

**Question Text:** ^PhoneInstr ^ext

Enter extension

**Skip Instructions:** If BCKEXT <> Empty or BCKEXT = Empty Then  
BCKHO

---

**Name:** BCKHO

**SAS Name:** BCKHO

**Universe Description:** All cases that have gone through telephone question, whether entered an number or left empty.

**Question Text:** Is this a home or office number?

Current Number: ^PHONEFILL ^ext

**Answer List:** PHTYPE

---

| Value: | Mnemonic: | Description: |
|--------|-----------|--------------|
| 1      |           | Home         |
| 2      |           | Office       |

---

**Skip Instructions:** If BCKHO in [1,2] and MARK in [16..18] and FRIP <> 1 Then

RIPQ  
 Elseif BCKHO in [1,2] and (MARK not in [16..18] or (MARK in [16..18] and FRIP = 1))  
 Then  
 CBTHANK  
 Elseif BCKHO in [1,2] and MARK = 21 Then  
 BESTTIME

**Name:** BESTTIME  
**SAS Name:** BESTTIME  
**Universe Description:** All complete reg.occ interviews.

**Question Text:** We will contact this ^HTYPEFILL\_home again in ^two\_four years to update our data. In general, what is the best time of day to reach this household?

**Answer List:** BESTTIME

| Value: | Mnemonic:  | Description:                                      |
|--------|------------|---|
| 1      | Morning    | Morning (9 am - 12 noon)                          |
| 2      | Noon       | Noon/lunchtime (11 am - 1 pm)                     |
| 3      | Afternoon  | Afternoon (12 noon - 4 pm)                        |
| 4      | Suppertime | Suppertime/early evening/dinnertime (4 pm - 7 pm) |
| 5      | Evening    | Evening (6 pm - 9 pm)                             |
| 6      | Anytime    | Anytime (9 am - 9 pm)                             |
| 7      | Late       | Late evening (7 pm - 9 pm)                        |
| 8      | Daytime    | Daytime (9 am - 4 pm)                             |
| 9      | After5     | After 5 pm  |

**Skip Instructions:** If BESTTIME in [1..9] Then  
 BESTTIM2  
 Elseif BESTTIME in [Dk,Rf] Then  
 NOSUN

**Name:** BESTTIM2  
**SAS Name:** BESTTIM2  
**Universe Description:** Best time to reach is within valid range.

**Question Text:** Enter specific best time to reach household

**Skip Instructions:** NOSUN

**Name:** NOSUN  
**SAS Name:** NOSUN  
**Universe Description:** Gave a valid answer to "best time to reach hh" question.

**Question Text:** Would a possible Sunday interview be acceptable?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If NOSUN in [Yes,No,Dk,Rf] and FRIP = 1 Then  
THANKU  
Elseif NOSUN in [Yes,No,Dk,Rf] and FRIP <> 1 Then  
RIPQ

---

**Name:** RIPQ

**SAS Name:** RIPQ

**Universe Description:** Complete interviews and callbacks for mortgage/nonrelative income who have not yet answered this question.

**Question Text:** This item should be asked only of the person who answered most of the questions.  
If necessary, ask to speak to that person.  
If that person is unavailable, enter Don't know.

^ReContact

If we talk to someone else in your household the next time, instead of you, is it OK if we use your answers as a starting point?

**Answer List:** YesNoDk

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b>   |
|---------------|------------------|-----------------------|
| 1             |                  | Yes                   |
| 2             |                  | No                    |
| 3             |                  | Don't know - not sure |

---

**Skip Instructions:** If RIPQ in [Yes,No,Dk,Rf] and MARK = 21 Then  
THANKU  
Elseif RIPQ in [Yes,No,Dk,Rf] and MARK in [16..18] Then  
CBTHANK

---

**Name:** CBTHANK

**SAS Name:**

**Universe Description:** All partial interviews.

**Question Text:** Thank you for your help.

I will ^visit\_callback at ^later\_suggested.

^Appointment

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If CBTHANK = Continue and OUTCOME = 401 Then  
C1TYPE  
Else SHOFINAL

---

**Name:** THANKU

**SAS Name:**

**Universe Description:** All complete reg.occ., vacant, and ure interviews.

**Question Text:** This completes the interview.

Before I go, I would like to inform you that my supervisor  
may call to check on the quality of my work.

Thank you for your time. You've been very helpful.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If THANKU = Continue Then  
SHOFINAL

---

**Name:** C1TYPE

**SAS Name:** C1TYPE

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Define the contact person type.

**Answer List:** CTYPE

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | B/C Contact         |
| 4             |                  | Vacant Contact      |

---

**Skip Instructions:** If C1TYPE in [1,4,Dk,Rf] Then  
C1FNAME

---

**Name:** C1FNAME

**SAS Name:** C1FNAME

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the first name of the person or organization that helped you determine the case status.

**Skip Instructions:** If C1FNAME <> Empty or C1FNAME = Empty Then  
C1LNAME

---

**Name:** C1LNAME

**SAS Name:** C1LNAME

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the last name

**Skip Instructions:** If C1LNAME <> Empty or C1LNAME = Empty Then  
C1ADDR1

---

**Name:** C1TITLE

**SAS Name:** C1TITLE

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the title of the person or organization that helped you determine the case status.

**Skip Instructions:** If C1TITLE <> Empty or C1TITLE = Empty Then  
C1ADDR1

---

**Name:** C1ADDR1

**SAS Name:** C1ADDR1

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the address

**Skip Instructions:** If C1ADDR1 <> Empty or C1ADDR1 = Empty Then  
C1ADDR2

---

**Name:** C1ADDR2

**SAS Name:** C1ADDR2

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the address

**Skip Instructions:** If C1ADDR2 <> Empty or C1ADDR2 = Empty Then

**Name:** C1PO

**SAS Name:** C1PO

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the city

**Skip Instructions:** If C1PO <> Empty or C1PO = Empty Then  
C1ST

---

**Name:** C1ST

**SAS Name:** C1ST

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the state

**Skip Instructions:** If C1ST <> Empty or C1ST = Empty Then  
C1ZIP5

---

**Name:** C1ZIP5

**SAS Name:** C1ZIP5

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the five digit zip code

**Skip Instructions:** If C1ZIP5 <> Empty or C1ZIP5 = Empty Then  
C1ZIP4

---

**Name:** C1ZIP4

**SAS Name:** C1ZIP4

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the four digit zip code extension

**Skip Instructions:** If C1ZIP4 <> Empty or C1ZIP4 = Empty Then  
C1AREA

---

**Name:** C1AREA

**SAS Name:** C1AREA

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the area code of the person or organization that helped you  
determine the case status.



**Skip Instructions:** If C1AREA <> Empty or C1AREA = Empty Then  
C1NUM

---

**Name:** C1NUM

**SAS Name:** C1NUM

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the telephone number

**Skip Instructions:** If C1NUM <> Empty or C1NUM = Empty Then  
C1EXT

---

**Name:** C1EXT

**SAS Name:** C1EXT

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the extension

**Skip Instructions:** If C1EXT <> Empty or C1EXT = Empty Then  
C1HO

---

**Name:** C1HO

**SAS Name:** C1HO

**Universe Description:** Entered phone number at contact person 1 telephone screen.

**Question Text:** Is this a home or office number?

Current Number: ^CPHONEFILL1    ^CPext1

**Answer List:** PHTYPE

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
|---------------|------------------|---------------------|

---

|   |  |      |
|---|--|------|
| 1 |  | Home |
|---|--|------|

---

|   |  |        |
|---|--|--------|
| 2 |  | Office |
|---|--|--------|

---

**Skip Instructions:** If C1HO <> Empty Then  
CONCK

---

**Name:** CONCK

**SAS Name:** CONCK

**Universe Description:** All cases that have gone through the contact person info question, whether entered an answer or left empty.

**Question Text:** Is there another contact person?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If CONCK = Yes Then  
C2TYPE  
Elseif CONCK in [No, Dk, Rf] Then  
SHOFINAL

---

**Name:** C2TYPE

**SAS Name:** C2TYPE

**Universe Description:** Type B and C noninterviews and vacant interviews with second contact person.

**Question Text:** Define the contact person type.

**Answer List:** CTYPE

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | B/C Contact         |
| 4             |                  | Vacant Contact      |

---

**Skip Instructions:** If C2TYPE in [1,4,Dk,Rf] Then  
CONTACT2

---

**Name:** C2FNAME

**SAS Name:** C2FNAME

**Universe Description:** Type B and C noninterviews and vacant interviews with second contact person.

**Question Text:** Enter the first name of the person or organization that helped you determine the case status.

**Skip Instructions:** If C2FNAME <> Empty or C2FNAME = Empty Then  
C2LNAME

---

**Name:** C2LNAME

**SAS Name:** C2LNAME

**Universe Description:** Type B and C noninterviews and vacant interviews with second contact person.

**Question Text:** Enter the last name

**Skip Instructions:** If C2LNAME <> Empty or C2LNAME = Empty Then  
C2ADDR1

---

**Name:** C2TITLE

**SAS Name:** C2TITLE

**Universe Description:** Type B and C noninterviews and vacant interviews with second contact person.

**Question Text:** Enter the title of the person or organization that helped you determine the case status.

**Skip Instructions:** If C2TITLE <> Empty or C2TITLE = Empty Then  
C2ADDR1

---

**Name:** C2ADDR1

**SAS Name:** C2ADDR1

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the address

**Skip Instructions:** If C2ADDR1 <> Empty or C2ADDR1 = Empty Then  
C2ADDR2

---

**Name:** C2ADDR2

**SAS Name:** C2ADDR2

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the address

**Skip Instructions:** If C2ADDR2 <> Empty or C2ADDR2 = Empty Then  
C2PO

---

**Name:** C2PO

**SAS Name:** C2PO

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the city

**Skip Instructions:** If C2PO <> Empty or C2PO = Empty Then  
C2ST

---

**Name:** C2ST

**SAS Name:** C2ST

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the state

**Skip Instructions:** If C2ST <> Empty or C2ST = Empty Then  
C2ZIP5

---

**Name:** C2ZIP5

**SAS Name:** C2ZIP5

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the five digit zip code

**Skip Instructions:** If C2ZIP5 <> Empty or C2ZIP5 = Empty Then  
C2ZIP4

---

**Name:** C2ZIP4

**SAS Name:** C2ZIP4

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the four digit zip code extension

**Skip Instructions:** If C2ZIP4 <> Empty or C2ZIP4 = Empty Then  
C2AREA

---

**Name:** C2AREA

**SAS Name:** C2AREA

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the area code of the person or organization that helped you  
determine the case status.

**Skip Instructions:** If C2AREA <> Empty or C2AREA = Empty Then  
C2NUM

---

**Name:** C2NUM

**SAS Name:** C2NUM

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the telephone number

**Skip Instructions:** If C2NUM <> Empty or C2NUM = Empty Then  
C2EXT

---

**Name:** C2EXT

**SAS Name:** C2EXT

**Universe Description:** Type B and C noninterviews and vacant interviews.

**Question Text:** Enter the extension

**Skip Instructions:** If C2EXT <> Empty or C2EXT = Empty Then  
C2HO

---

**Name:** C2HO

**SAS Name:** C2HO

**Universe Description:** Entered phone number at contact person 2 telephone screen.

**Question Text:** Is this a home or office number?

Current Number: ^CPHONEFILL2 ^CPext2

**Answer List:** PHTYPE

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Home                |
| 2             |                  | Office              |

---

**Skip Instructions:** If C2HO <> Empty Then  
CHECK\_OUT

---

**Name:** TRANS

**SAS Name:**

**Universe Description:** Sufficient partial cases where no more followup is possible.

**Question Text:** Are you ready to transmit this case?

**Answer List:** YesNo

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Yes                 |
| 2             |                  | No                  |

---

**Skip Instructions:** If TRANS in [Yes, No] Then  
SHOFINAL

---

**Name:** SHOFINAL

**SAS Name:**

**Universe Description:** All cases.

**Question Text:** FINAL OUTCOME CODES

MODE: ^MODE  
MARK: ^MARK  
MARKTWO: ^MARKTWO  
OUTCOME: ^OUTCOME

ENTER 1 TO CONTINUE

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** Exit instrument

---

**Name:** PURPOSE

**SAS Name:**

**Universe Description:**

**Question Text:** Frequently Asked Questions

Enter 1 for "What is this survey all ABOUT?"

Enter 2 for "How will this information be USED?"

Enter 3 for "How was I SELECTED?" or "Why can't you SELECT someone else?"

Enter 4 for "Is participation VOLUNTARY?"

Enter 5 for "Who SEES my answers?"

Enter 6 for "Is this survey AUTHORIZED by law?"

Enter 7 for "How will this survey benefit ME?"

Enter 8 for "I consider this a WASTE of money."

Enter 9 for "I thought the Census Bureau only worked every TEN YEARS."

**Skip Instructions:** If PURPOSE = 1 Then

PURPOSE1

Elseif PURPOSE = 2 Then

PURPOSE2

Elseif PURPOSE = 3 Then

PURPOSE3

Elseif PURPOSE = 4 Then

PURPOSE4

Elseif PURPOSE = 5 Then

PURPOSE5

Elseif PURPOSE = 6 Then

PURPOSE6

Elseif PURPOSE = 7 Then

PURPOSE7

Elseif PURPOSE = 8 Then

PURPOSE8

Elseif PURPOSE = 9 Then

PURPOSE9

---

**Name:** PURPOSE1

**SAS Name:**

**Universe Description:** Fr wants to know what survey is about.

**Question Text:**

This survey provides information about:

- The cost of housing for the American public.
- The availability of housing for different segments of the American public, such as the elderly, low income, and different minority groups.
- Trends in housing market. For example:
  - + What type of housing (single family homes, condominiums, townhouses, manufactured/mobile homes, etc.) are people buying?
  - + What type of fuels and appliances are being used?
  - + Is the quality of housing in this country improving or getting worse for most people?
  - + Is the cost of owning and maintaining a home changing?
  - + Is the cost of renting changing?
  - + Are people adding to their living space?
  - + What proportion of our population lives in overcrowded housing?
  - + Are neighborhoods getting better or worse?
- How close are we to our national goal of providing quality housing for each American?
- To provide data for the President to present an annual report to Congress.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If PURPOSE1 = Continue Then  
PURPOSE

---

**Name:** PURPOSE2

**SAS Name:**

**Universe Description:** Responent wants to know how info will be used.

**Question Text:**

Some uses for the information are the following:

- To evaluate the effectiveness of existing housing programs.
- To plan new programs.
- To determine the amount of money required to solve different types of housing problems.
- To determine at what income level families of various sizes qualify for low-income housing assistance programs.

- To determine how much support low-or middle-income families should receive in the form of rent subsidies or mortgage assistance programs.
- To determine if existing mortgage programs are adequate.
- To provide data for the President to present an annual report to Congress.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If PURPOSE2 = Continue Then  
PURPOSE

---

**Name:** PURPOSE3

**SAS Name:**

**Universe Description:** Responent wants to know about selection process.

**Question Text:** How he/she was selected:

- We selected an address, not you or your family.
- If you were to move, this address would remain in the survey, not your new one.

Why we can't select someone else:

- Each address is scientifically selected to represent thousands of other housing units.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If PURPOSE3 = Continue Then  
PURPOSE

---

**Name:** PURPOSE4

**SAS Name:**

**Universe Description:** Responent wants to know if participation is voluntary.

**Question Text:**

- Yes, participation is voluntary.
- To produce valid and reliable results, everyone should participate.
- Decisions will be made with or without your input. By participating, your voice will be heard in Washington.



**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If PURPOSE4 = Continue Then  
PURPOSE

---

**Name:** PURPOSE5

**SAS Name:**

**Universe Description:** Responent wants to know if answers will be seen.

**Question Text:**

- Any information you provide is confidential by law (Title 13, section 9a of the U.S. Code).
- Individual people or homes cannot be identified in publications.
- Interviewers have taken an oath not to reveal the information. If they break this oath, they can be fined or imprisoned.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If PURPOSE5 = Continue Then  
PURPOSE

---

**Name:** PURPOSE6

**SAS Name:**

**Universe Description:** Responent wants to know if survey is authorized by law.

**Question Text:** - The Census Bureau collects the data for the Department of Housing and Urban Development under Title 12, section 1701Z-1 and 2(g) of the U.S. Code.

- Your participation is voluntary but essential to the success of the survey.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If PURPOSE6 = Continue Then

PURPOSE

---

**Name:** PURPOSE7

**SAS Name:**

**Universe Description:** Responent wants to know survey benefits.

**Question Text:**

- Because of the survey, Federal funds are allocated more efficiently. The survey actually saves more money than it costs.
- Government programs, such as (Select any: mortgage assistance, loans, rent assistance, low-cost housing) exist or may exist in the future that you, or someone you know, might participate in.
- The survey results are used to evaluate our progress toward providing each American with decent housing.

**Answer List:** Continue

---

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | Enter 1 to continue |

---

**Skip Instructions:** If PURPOSE7 = Continue Then  
PURPOSE

---

**Name:** PURPOSE8

**SAS Name:**

**Universe Description:** Responent considers survey a waste of money.

**Question Text:**

- It actually saves more money than it costs, because the information is used to allocate housing funds more efficiently.
- To keep costs low, we only interview a sample of households, that's why your participation is so important.

**Answer List:** Continue

---

| Value: | Mnemonic: | Description:        |
|--------|-----------|---------------------|
| 1      |           | Enter 1 to continue |

---

**Skip Instructions:** If PURPOSE8 = Continue Then  
PURPOSE

---

**Name:** PURPOSE9

**SAS Name:**

**Universe Description:** Responent thought Census Bureau only works every 10 years.

**Question Text:**

- We're best known for the census, but we conduct surveys all the time. This housing survey is one of them.
- We have over 3,000 interviewers who work all across the country.

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If PURPOSE9 = Continue Then  
PURPOSE

---

**Name:** SHOWROSCP

**SAS Name:** SHOWROSCP

**Universe Description:**

**Question Text:** STATUS OF HOUSEHOLD COMPOSITION

HH R LN NAME SEX REL AGE MAR LPR

^HH ^RESP ^LN ^NAMEFILL ^GENDER ^RELATION ^AGE ^MARSTAT ^PAR

**Answer List:** Continue

---

| <b>Value:</b> | <b>Mnemonic:</b> | <b>Description:</b> |
|---------------|------------------|---------------------|
| 1             |                  | Enter 1 to continue |

---

**Skip Instructions:** If SHOWROSCP = Continue  
Next Open Field

---

**Name:** HCHGRES

**SAS Name:**

**Universe Description:** ISTATUS = 1

**Question Text:** (With whom am I speaking?)

**Answer List:** HHRESP

**Skip Instructions:** If HCHGRES <> Empty  
Next Open Field