COVER SHEET

2007 AHS

Blaise Summary-Level Specifications Report

Name: DATE
SAS Name: DATE
Universe Description:

Name: STARTTIM
SAS Name: STARTTIM
Universe Description:

Name: PERSINT
SAS Name: PERSINT
Universe Description:

Name: SDESIG
SAS Name: SDESIG
Universe Description: All cases.

Name: REPLHH
SAS Name: REPLHH
Universe Description: All cases.

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

Value:	Mnemonic:	Description:
1	Telephone	Telephone Interview

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

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

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:

Name: PREFIX
SAS Name: PREFIX
Universe Description:

Name: SUFFIX
SAS Name: SUFFIX
Universe Description:

Name: EXTN
SAS Name: EXTN
Universe Description:

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 introducion 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

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

Value:	Mnemonic:	Description:
1		Type A
2		Type B

3	Type C

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Name: REPLHU
SAS Name:
Universe Description:

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 ISTYPE=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 ISTYPE=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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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_GQUINST=I,N] and ISTATUS=1 then
  TENURE
if ISTYPE=2 and [(I_GQINST=empty or STYPE=1,4) or I_GQUINST=I,N] and ISTATUS<>1 and INCSAM=0 then
  SAMEDU
if ISTYPE=2 and [(I_GQINST=empty or STYPE=1,4) or (I_GQUINST=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

2	No

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_apt 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_GQUINST=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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 nonintverview

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 manfacture/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

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1	Correctional	101-107 - Correctional Institutions
2	Juvenile	201,204-205,208,702,209 - Juvenile Instituions (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

Value:	Mnemonic:	Description:

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 severly damaged by fire.

Question Text: Is interior exposed to the elements?

Answer List: YesNo

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 mininal 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Yes
2		No

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

    ^I_HH ^RESP ^I_LNO ^I_NAMEFILL ^I_GENDER ^I_RELATION ^I_EDUC ^I_RACEFILL ^I_MARSTAT ^I_PAR ^I_AGE

Answer List: STILIV1

Value:	Mnemonic:	Description:
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

^I_HH ^I_LNO ^I_NAMEFILL ^I_GENDER ^I_RELATION ^I_AGE ^I_MARSTAT ^I_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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 UREPN 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

Value:	Mnemonic:	Description:
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 ^REFFNAME ^REFLNAME?

Answer List: REL

Value:	Mnemonic:	Description:
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/Roomate
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

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 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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: MOVM
SAS Name: MOVM
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

| 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 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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, ocuppied interviews

Question Text: Review All Categories

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

  ^HH ^RESP ^LNO ^NAMEFILL ^GENDER ^RELATION ^EDUC ^RACEFILL
^ORIGN ^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: Demogaphic 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 ^ORIGN ^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 demogaphic 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 ^ORIGN ^MARSTAT ^PAR   ^AGE

    Enter all that apply, separate with commas

Answer List: CHANGE

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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
  BUILTV
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 [[(YEAR - YRSOLD)>1919 and (YEAR - YRSOLD)<2000] or [YRSOLD=DK,RF]] and (CDEPSTAT=1 and I_CONDO=2) then
  CONDOV
if [(YEAR - YRSOLD)>1919 and (YEAR - YRSOLD)<2000] or [YRSOLD=DK,RF]] and (CDEPSTAT<>1 and I_CONDO<>2) then
  CONDO1
if (YEAR - YRSOLD) <= 1919 and (YEAR - YRSOLD)>=1 then
  OLDECQ
if (YEAR - YRSOLD) >=2000 then
  MBUILTQ
If YRSOLD = DK, 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 mbuiltq=1..12, dk, rf AND (CDEPSTAT<>1 OR I_CONDO<>2) then
CONDO1

IF MBUILTQ=1..12, DK, RF AND CDEPSTAT=1 AND 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 definintion of condo refer to definition under the help screen.

Answer List: YesNo

Value:	Mnemonic:	Description:
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 definintion 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		All

2		Part

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 exhist

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 MORROM<>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)/Pantries,
^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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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: Repsondent 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
    LATC1P

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Yes

2		No

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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, dishwahser, 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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
    DFUELV
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

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 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

Value:	Mnemonic:	Description:
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

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 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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: HFUELB
SAS Name: HFUELB
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 eqipment 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

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Elseif HPORTA = Rf Then
   FPLWKQ
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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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:

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 HCENTC = 2 or HPORTD = 2 or HEQUIP = 3 Then
AIRSYS1
Elseif MSHTEQP in [No,Dk,Rf] and HCENTC <> 2 and HPORTD <> 2 and HEQUIP <> 3 and CDEPSTAT = 1 and I_AIRSYS = 1 Then
ARSYS2V
Elseif MSHTEQP in [No,Dk,Rf] and HCENTC <> 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 HCENTC = 2 or HPORTD = 2 or HEQUIP = 3 Then
AIRSYS1
Elseif MSHTEQP in [1..3,6] and HCENTC <> 2 and HPORTD <> 2 and HEQUIP <> 3 and CDEPSTAT = 1 and I_AIRSYS = 1 Then
ARSYS2V
Elseif MSHTEQP in [1..3,6] and HCENTC <> 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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_apt_living?

Answer List: YesNo

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Yes

2	No
3	Mixed

Skip Instructions: IF MINR3=1..3, DK,RF THEN
        BLDMNT

Name: BLDMNT
SAS Name: BLDMNT
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 BLDMNT=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:

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:

Name: CENARWK
SAS Name: CENARWK
Universe Description:

Name: HTEQUWK
SAS Name: HTEQUWK
Universe Description:

Name: SEPTWK
SAS Name: SEPTWK
Universe Description:

Name: WTRHWK
SAS Name: WTRHWK
Universe Description:

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:

Name: POOLWK
SAS Name: POOLWK
Universe Description:

Name: SHEDWK
SAS Name: SHEDWK
Universe Description:

Name: OUTAWK
SAS Name: OUTAWK
Universe Description:

Name: OUTBWK
SAS Name: OUTBWK
Universe Description:

Name: OUTCWK
SAS Name: OUTCWK
Universe Description:

Name: NWBEDAM
SAS Name: NWBEDAM
Universe Description:

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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_DISPRA = 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

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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-occuped 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

Value:	Mnemonic:	Description:
1		Yes

2		No

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

Value:	Mnemonic:	Description:
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 many 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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:
1		Yes
2		No

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

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
  JOBB
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
  JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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
   JOBB

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

JOBB = 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)
   JOBB
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 recoreded 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:

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

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

Value:	Mnemonic:	Description:
1		Yes
2		No

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

Value:	Mnemonic:	Description:
1		Yes
2		No

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

Value:	Mnemonic:	Description:
1		Yes
2		No

Skip Instructions: if FINMGMT=1,2,DK,RF then
    PHONUSE

Name: PHONUSE
SAS Name: PHONUSE
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

Value:	Mnemonic:	Description:
1		Yes
2		No

Skip Instructions: if PHONUSE=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

Value:	Mnemonic:	Description:
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 PHONUSE=1)then
   BATHNG
if SHOPNG=2,DK,RF and (MEALS<>1 or TRANSP<>1 or HOUSKP<>1 or FINMGMT<>1 or PHONUSE<>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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 questio

Question Text: (Does the management of this building provide assistance with personal care such as:)

Toilet use?

Answer List: YesNo

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Never (at most once per year)
2		Rarely (less than 2 times per month)
3		Sometimes (less than 2 times per week)

4	Frequently (2 or more times per week)

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: Nieghborhood 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 enumeratioin

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 becuase 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

Value:	Mnemonic:	Description:
1		Yes
2		No

Skip Instructions: if WMPRIV2=YES then
WMOWNR2
if WMPRIV2=NO, DK, RF then
WMGOVT2

Name: WMOWNR2

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Yes
2		No

Skip Instructions: if WMREPR2=YES, NO, DK, RF then

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 befor 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

Value:	Mnemonic:	Description:
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

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

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 neighborhodd
8		House was an improtant 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

Value:	Mnemonic:	Description:

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 contsruction
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Yes
2		No

Skip Instructions: If TALWIR = Yes or TASB = Yes or TPBPAI = Yes or TRADON = Yes or TPBPIP = Yes or TPBSOL = Yes or TWATER = Yes Then
    TREP
Elseif TALWIR <> Yes and TASB <> Yes and TPBPAI <> Yes and TRADON <> Yes and TPBPIP <> Yes and TPBSOL <> Yes and TWATER <> Yes and CUSHOM in [3,4] Then
    CPRICEQ
Elseif TALWIR <> Yes and TASB <> Yes and TPBPAI <> Yes and TRADON <> Yes and TPBPIP <> Yes and TPBSOL <> Yes and TWATER <> Yes and (CUSHOM = 5 or PREOCC = 1) Then
    FRSTHO
Elseif TALWIR <> Yes and TASB <> Yes and TPBPAI <> Yes and TRADON <> 1 and TPBPIP <> 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 interiewing 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 RETCALK in [0,2] Then

MARKT

Elseif VALUE1 in [1..9999998,Dk,Rf] and ISTATUS in [2,3] and RETCALK in [0,2] Then

Exit Module

Elseif VALUE1 in [1..9999998,Dk,Rf] and RETCALK = 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Yes
2		No

Skip Instructions: If MARKT = Yes Then
　　MARKET
　　Elseif MARKT 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Yes

2	No

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
   HELC

Name: HELC

SAS Name: HELC

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 HELC = Yes Then
   HELCN
If HELC = No and MORTFL = 1 and REGMOR = 1 Then
   LANDC
If [HELC = DK, RF and MORTFL = 1 and REGMOR = 1] or [HELC = 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 [HELC = No, DK, RF and NOMORTFL = empty and MORTFL = 0] Then
   MORTEND

Name: HELCN

SAS Name: HELCN

Universe Description: Line of credit home equity loan reported

Question Text: How many home equity LINES OF CREDIT do you have?

Skip Instructions: If HELCN = 1..10, DK, RF and MORTFL = 1, 2, 3 Then
   BLKINTRO
If HELCN = 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Yes
2		No

Skip Instructions: If MGP2 = No, DK, RF Then
   HELC
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 paymment 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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
BUYI1

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
BUYI1

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

Value:	Mnemonic:	Description:
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
IfAMTI1 = 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 manufacured/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 ocuupied 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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. ownners 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

Value:	Mnemonic:	Description:
1		Yes
2		No

Skip Instructions: If IFFEEHO = 1 then

CAMFHO
If IFFEEHO = 2, DK, RF and CONDO = 1, 2 then
  Exit module
If IFFEEHO = 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

---

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 voucer or don't know/refuse to question

Question Text: Is the housing authority your landlord?

Answer List: YesNo

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Yes

2		No

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 athority 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

Value:	Mnemonic:	Description:
1	Yes	Yes
2	No, included in rent,condufeebinoteut,charde feinclude oiroteut,charge feoe or other charges	No, included in rent, condo fee or 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 condominum

Question Text: (^does_would pay separately for) -- Gas?

Answer List: YesNo in rent

Value:	Mnemonic:	Description:
1	Yes	Yes
2	No, included in rent,condufeebinoteut,charde feinclude oiroteut,charge feoe or other charges	No, included in rent, condo fee or 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

Value:	Mnemonic:	Description:
1	Yes	Yes
2	No, included in rent, condo fee or other charges	No, included in rent, condo 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

Value:	Mnemonic:	Description:
1	Yes	Yes
2	No, included in rent, condo fee or other charges	No, included in rent, condo 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

Value:	Mnemonic:	Description:
1	Yes	Yes
2	No, included in rent, condo fee or other charges	No, included in rent, condo 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, condo fee or other charges	No, included in rent, condo fee or 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:

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

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1	Piped gas	piped gas
2	Bottled gas	bottled gas

Skip Instructions: EGROUP <> 2 then
 GMPT
EGROUP = 2 and EGROUP <> 3 and (HFUEL = 3 or WFUEL = 3) then
 OMPT
EGROUP = 2 and EGROUP <> 3 and HFUEL <> 3 and WFUEL <> 3 then
 USEOIL
EGROUP = 2 and EGROUP = 3 and EGROUP <> 4 and (HFUEL in [4..7] or CFUEL in [3..5] or WFUEL in [4..7]) then
 FMPT
EGROUP = 2 and EGROUP = 3 and EGROUP <> 4 and HFUEL <> [4..7] and CFUEL <> [3..5] and WFUEL <> [4..7] then
 USEOTHR
EGROUP = 2 and EGROUP = 3 and EGROUP = 4 and EGROUP <> 5 then
 TMPT
EGROUP = 2 and EGROUP = 3 and EGROUP = 4 and EGROUP = 5 and EGROUP <> 6 then
 WMPT
EGROUP = 2 and EGROUP = 3 and EGROUP = 4 and EGROUP = 5 and EGROUP = 6 and LCOUNTER >= 1 then
 LODSTAT
EGROUP = 2 and EGROUP = 3 and EGROUP = 4 and EGROUP = 5 and EGROUP = 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

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: 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 deosn'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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

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: 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: FGROUP
SAS Name: FGROUP
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

Value:	Mnemonic:	Description:
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

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 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

Value:	Mnemonic:	Description:
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 FGROUP <> 6 and TGROUP <> 6 then
   WMPT
AMTT <> empty and (EGROUP = 6 or GGROUP = 6 or OGROUP = 6 or FGROUP = 6 or TGROUP = 6) and LCOUNTER >= 1 then
   LODSTAT
AMTT <> empty and (EGROUP = 6 or GGROUP = 6 or OGROUP = 6 or FGROUP = 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

Value:	Mnemonic:	Description:
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

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: 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

2	No

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 [-9999998..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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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_OWNNA = EMPTY AND I_OWNADD = EMPTY AND I_OWNCTY = EMPTY AND I_OWNST = EMPTY AND I_OWNZIP = EMPTY] THEN
   ADDVER
IF ISNAMEQ = 2, DK, RF AND ((STYPE = 1,2) OR (STYPE=4 AND TPARKA = 2)) AND CDEPSTAT = 1 AND I_OWNNA = EMPTY AND I_OWNADD = EMPTY AND I_OWNCTY = EMPTY AND I_OWNST = EMPTY AND I_OWNZIP = EMPTY OR CDEPSTAT = 2 THEN
   OWNNAQ
IF ISNAMEQ = 2, DK, RF AND CDEPSTAT = 1 AND I_OWNHERE = 1 THEN
   OWNHEREV
IF ISNAMEQ=2,DK,RF AND CDEPSTAT=1 AND I_OWNHERE<>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_OWNNA = <> AND I_OWNADD = <> AND I_OWNCTY = <> AND I_OWNST = <> AND I_OWNZIP = <>] OR CDEPSTAT = 2 THEN
   OWNNAQ
IF ((STYPE = 1,2) or (STYPE=4 AND TPARKA = 2)) AND not in [I_OWNNA = <> AND I_OWNADD = <> AND I_OWNCTY = <> AND I_OWNST = <> AND I_OWNZIP = <>] THEN
   ADDVER
IF CDEPSTAT = 1 AND I_OWNHERE = 1 THEN
   OWNHEREV
IF CDEPSTAT=1 AND I_OWNHERE <> 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

Value:	Mnemonic:	Description:
1		Yes
2		No

Skip Instructions: IF I_OWNNA = <> AND I_OWNADD = <> AND I_OWNCTY = <> AND I_OWNST = <> AND I_OWNZIP = <> OR CDEPSTAT = 2 THEN
  OWNNAQ
IF[I_OWNNA = <> AND I_OWNADD = <> AND I_OWNCTY = <> AND I_OWNST = <> AND I_OWNZIP = <>] 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

Value:	Mnemonic:	Description:
1		Yes
2		No

Skip Instructions: IF[I_OWNNA = EMPTY AND I_OWNADD = EMPTY AND I_OWNCTY = EMPTY AND I_OWNST = EMPTY AND I_OWNZIP = EMPTY] NOT TRUE THEN
  ADDVER
IF I_OWNNA = EMPTY AND I_OWNADD = EMPTY AND I_OWNCTY = EMPTY AND I_OWNST = EMPTY AND I_OWNZIP = 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Owner
2		Other

Skip Instructions: IF ADDVER=1 [I_OWNPRE<>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

Value:	Mnemonic:	Description:
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_OWNPRE <> 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_OWNPRE ^I_OWNSUF ^I_OWNEXT

Is this information still correct?

Answer List: YesNo

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

^NRResp1
^NRResp2 ^RESPONDENT
^NRResp3

^NRResp4

During the past 12 months, did you receive any wages, salary, tips, bonuses, or commissions?

Answer List: YesNo

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:

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 WFPROPV 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Yes
2		No

Skip Instructions: If EGREEN in [Yes,No,Dk,Rf] and CDEPSTAT = 1 and I_WFPROP = 1 Then
ETRANSV
If EGREEN in [Yes,No,Dk,Rf] Then
ETRANS

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Yes
2		No

Skip Instructions: If ETRANS in [Yes,No,Dk,Rf] and CDEPSTAT = 1 and I_EPRKG = 1Then
    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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1	New	Set NEW Appointment
2	Same	Keep SAME Appointment

3	None	No 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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 shoud 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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

C1PO

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Enter 1 to continue

Skip Instructions: If PURPOSE6 = Continue Then

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

Value:	Mnemonic:	Description:
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

Value:	Mnemonic:	Description:
1		Enter 1 to continue

Skip Instructions: If SHOWROSCP = Continue
  Next Open Field

Name: HCHGRESP
SAS Name:
Universe Description: ISTATUS = 1

Question Text: (With whom am I speaking?)

Answer List: HHRESP

Skip Instructions: If HCHGRESP <> Empty
  Next Open Field