

SCREENER SECTION
HOUSEHOLD ROSTER; DEMOGRAPHIC CHARACTERISTICS;
WITHIN HOUSEHOLD SELECTION PROTOCOL

VARIABLES IMPORTED FROM PRELOAD:

SAMPLEID: 10 DIGIT SAMPLE IDENTIFICATION NUMBER IDENTIFYING HOUSEHOLD
PROJ_ID: 30 CHAR STRING PROJECT (TEXT) DESCRIPTION
PROJ_ID IS PRELOADED INTO THE SCREENER AND PUSHED INTO THE MAIN INSTRUMENT
AS "PROJECT_ID". THESE TWO VARIABLES USED TO SEPARATE MAIN, TRAINING,
AND CERTIFICATION INTERVIEWS.
PART_ID 2 CHAR STRING WE WERE NEVER ABLE TO TELL WHAT THIS WAS USED FOR IN THE C6
INSTRUMENT BUT ALL THE DATA APPEARS TO HAVE "CD" AS THE VALUE FOR THIS
ITEM
STATE 50 CHAR STRING STATE WERE SCREENER CONDUCTED (PASSED TO ST AND THEN
INTO THE MAIN INSTRUMENT VIA RSTATE)
ADD_NUM ADDRESS NUMBER (STRING LENGTH 20)
STREET STREET NAME (STRING LENGTH 40)
APT APARTMENT NUMBER (STRING LENGTH 30)
CITY CITY (STRING LENGTH 30)
ZIP ZIP CODE (STRING LENGTH 10 [9 + MASK])
ASK_INFORMANT: VARIABLE PRELOADED FROM ST. USED TO DETERMINE IF THE INTERVIEWER SEES
THE SC-1B INFORMANT QUESTION. THE PRELOAD VALUES CAN BE 1 (PROXY
ALLOWED) OR 5 (PROXY NOT ALLOWED--DEFAULT SETTING).
{NOTE THESE 24 PRELOAD VARIABLES ARE USED FOR THE MEASURE OF SIZE
SELECTION PROTOCOL A DESCRIPTION OF THIS CAN BE FOUND ON THE NEXT PAGE.
FAA1519: AFRICAN AMERICAN FEMALES AGE 15-19 MEASURE OF SIZE
FAA2024: AFRICAN AMERICAN FEMALES AGE 20-24 MEASURE OF SIZE
FAA2544: AFRICAN AMERICAN FEMALES AGE 25-44 MEASURE OF SIZE
FAA4549: AFRICAN AMERICAN FEMALES AGE 45-49 MEASURE OF SIZE
FH1519: HISPANIC FEMALES AGE 15-19 MEASURE OF SIZE
FH2024: HISPANIC FEMALES AGE 20-24 MEASURE OF SIZE
FH2544: HISPANIC FEMALES AGE 25-44 MEASURE OF SIZE
FH4549: HISPANIC FEMALES AGE 45-49 MEASURE OF SIZE
FW1519: WHITE FEMALES AGE 15-19 MEASURE OF SIZE
FW2024: WHITE FEMALES AGE 20-24 MEASURE OF SIZE
FW2544: WHITE FEMALES AGE 25-44 MEASURE OF SIZE
FW4549: WHITE FEMALES AGE 45-49 MEASURE OF SIZE
MAA1519: AFRICAN AMERICAN MALES AGE 15-19 MEASURE OF SIZE
MAA2024: AFRICAN AMERICAN MALES AGE 20-24 MEASURE OF SIZE
MAA2544: AFRICAN AMERICAN MALES AGE 25-44 MEASURE OF SIZE
MAA4549: AFRICAN AMERICAN MALES AGE 45-49 MEASURE OF SIZE
MH1519: HISPANIC MALES AGE 15-19 MEASURE OF SIZE
MH2024: HISPANIC MALES AGE 20-24 MEASURE OF SIZE
MH2544: HISPANIC MALES AGE 25-44 MEASURE OF SIZE
MH4549: HISPANIC MALES AGE 45-49 MEASURE OF SIZE
MW1519: WHITE MALES AGE 15-19 MEASURE OF SIZE
MW2024: WHITE MALES AGE 20-24 MEASURE OF SIZE
MW2544: WHITE MALES AGE 25-44 MEASURE OF SIZE
MW4549: WHITE MALES AGE 45-49 MEASURE OF SIZE
TopAgeElig: UPPER SCREENER AGE RANGE LIMIT OF R'S ELIGIBLE FOR NSFG

DESCRIPTION OF THE 24 VARIABLES REPRESENTING THE MEASURE OF SIZE:

The previous 24 variables represent an array in the screener that holds the preloaded MOS selection criteria (also known as the "measures of size") from SurveyTrak. However, the C6 Blaise instrument stored these values in the variables named PreloadScreen01- PreloadScreen24. Below is an illustration of what cell correlate to the PreloadScreen[X] variables. PreloadScreen19- PreloadScreen24 are presently gray since we only interviewed respondents between 15-44 (these 6 cells would be set to a preload value of "0"). This table will need to be revisited when the C7 sample design MOS are decided.

	Female			Male		
Age	Black	Hispanic	Other	Black	Hispanic	Other
15 - 19	PreloadScreen01 FAA1519	PreloadScreen02 FH1519	PreloadScreen03 FW1519	PreloadScreen04 MAA1519	PreloadScreen05 MH1519	PreloadScreen06 MW1519
20 - 24	PreloadScreen07 FAA2024	PreloadScreen08 FH2024	PreloadScreen09 FW2024	PreloadScreen10 MAA2024	PreloadScreen11 MH2024	PreloadScreen12 MW2024
25 - 44	PreloadScreen13 FAA2544	PreloadScreen14 FH2544	PreloadScreen15 FW2544	PreloadScreen16 MAA2544	PreloadScreen17 MH2544	PreloadScreen18 MW2544
45 - 49	PreloadScreen19 FAA4549	PreloadScreen20 FH4549	PreloadScreen21 FW4549	PreloadScreen22 MAA4549	PreloadScreen23 MH4549	PreloadScreen24 MW4549

The following is an example of the screener preload string that comes from SurveyTrak:

301001859^SRC.SRO.NSFG.SCREEN.TEST1^CD^Michigan^1254^Parker Ave^^Ann Arbor^12345^ASK_INFORMANT^F01^F02^F03^F04^F05^F06^F07^F08^F09^F10^F11^F12^M01^M02^M03^M04^M05^M06^M07^M08^M09^M10^M11^M12

Also the zip code can also be 12345-1234 (in other words, you can add the mask and the additional 4 digits).

Below is how this previous preload string would look in the MOS table:

Segment	Female			Male		
301						
Age	Black	Hispanic	Other	Black	Hispanic	Other
15 - 19	^F01	^F05	^F09	^M01	^M05	^M09
20 - 24	^F02	^F06	^F10	^M02	^M06	^M10
25 - 44	^F03	^F07	^F11	^M03	^M07	^M11
45 - 49	^F04	^F08	^F12	^M04	^M08	^M12

MOS values as of August 12, 2015:

	Female			Male		
Age	Black	Hispanic	Other	Black	Hispanic	Other
15 - 19	1.0000	1.0000	1.0000	0.9091	0.9091	0.9091
20 - 24	0.2500	0.2500	0.2500	0.2273	0.2273	0.2273
25 - 44	0.2500	0.2500	0.2500	0.2273	0.2273	0.2273
45 - 49	0.2500	0.2500	0.2500	0.2273	0.2273	0.2273

Therefore the MOS preload string for C8-Y5 would be:

^1^0.25^0.25^0.25^1^0.25^0.25^0.25^1^0.25^0.25^0.25^0.9091^0.2273^0.2273^0.2273^0.9091^0.2273^0.2273^0.2273^0.9091^0.2273^0.2273^0.2273

VARIABLES CREATED IN THIS SECTION:

TabletOrientation Tablet Screen Orientation (For Touchscreen Presentation Tracking):
1= Landscape, 2= Portrait, & 3= Laptop
TabletMode CAPI or Tablet Mode (For Touchscreen Presentation Tracking):
1=CAPI Laptop & 2=Touchscreen Tablet
UseKeys Use Dark or Light Keys (For Touchscreen Presentation Tracking):
1=Dark Keys & 2=Light Keys
LangSelected Language active via the touchscreen toolbar (For Touchscreen
Presentation Tracking): 1=English & 2=Spanish
AllowCAPI If the traditional CAPI presentation is available (For Touchscreen
Presentation Tracking): 1=Yes & 5=No
DateOfInterview: DATE OF SCREENER MM/DD/YYYY (FC SC-1)
TimeOfInterview: TIME OF SCREENER (FC SC-1)
ResHHL[X]: THIS IS SIMPLY A SEQUENTIAL ASSIGNING OF NUMBER TO HOUSEHOLD MEMBER, USED TO
FACILITATE THE SELECTION ALGORITHM AND IS USED AS THE NUMBER FOR "PERSON ID"
TO REPRESENT THE ROW WHERE THIS INDIVIDUAL RESIDES IN THE FIRST TABLE. THIS
PERSON ID THEN ALLOWS THE SELECTION ALGORITHM TO MAP PEOPLE TO THEIR ROWS
AND USES THIS AS THE INDEX NUMBER FOR THE VARIOUS ARRAYS IN THE ALGORITHMS.
SEXINDEX[X]: SEX INDEX FOR EACH PERSON LISTED IN HH (FC SC-4a)
AGE_DKRF_Flag Non-response codes assignment flag for AGE_X[X] (FC SC-4b)
AGEINDEX[X]: AGE INDEX FOR EACH PERSON LISTED IN HH (FC SC-4c)
RACEINDEX[X]: RACE INDEX FOR EACH PERSON LISTED IN HH (FC SC-4d)
USUALRES[X]: VAR USED FOR DORMRES AND LATER ROUTING (FC SC-5)
FIELDCOUNT: VAR USED TO CALCULATE MISSING TABLE INFO (FC SC-7)
RACE_FILL: FILL FOR VARROSTER AND RACE OF NAME[X] (FC SC-8a)
AGEINELG: VAR USED FOR EXITAGE (FC SC-10)
INFNAME: NAME OF INFORMANT (FC SC-9)
PROB[X]: PROBABILITY OF EACH PERSON LISTED IN HH (FC SC-12)
MAXRESIDENT: NUMBER OF ELIGIBLE HH MEMBERS (FC SC-12)
TOTPROB: TOTAL PROBABILITY FOR THE HH (FC SC-12)
PERSPROB[X]: PERSONAL PROBABILITY FOR EACH PERSON IN HH (FC SC-12)
CUMPROB[X]: CUMULATIVE PROBABILITY IN HH (FC SC-12)
RChoiceRandom: RANDOM NUMBER CREATED FOR SELECTION (FC SC-12)
SELECTED: USED TO RECORD LINE NUMBER OF SELECTED RESPONDENT (FC SC-13)
RNAME: HHRoster.HHPerson[SELECTED].NAME (FC SC-14)
RSEX: HHRoster.HHPerson[SELECTED].SEX (FC SC-14)
RSCRNINF: IF SELECTED R=INFORMANT. (FC SC-14)
STDORMRES: IF SELECTED R IS LIVING AWAY AT SCHOOL (FC SC-17b)
RMINOR USED TO DETERMINE IF THE SELECTED RESPONDENT WAS A MINOR SO WE KNEW THAT
WE SHOULD EXPECT TO RECEIVE TWO CONSENT FORMS (INSTEAD OF ONE FOR AN ADULT
RESPONDENT). THIS INFORMATION WAS USED TO ASSIST IN LOGGING PROCEDURES
(FC SC-16) (ALSO USED IN C7 TO ASSES AGE OF MAJORITY FOR STATES WHERE IT
DIFFERS FROM THE REST OF THE COUNTRY).
LANG: INTERVIEW LANGUAGE
PROBCELL[X] USED TO DETERMINE TO APPROPRIATE PRELOADSCREEN[X] CELL VALUE TO USE
(PREVIOUSLY ILLUSTRATED ABOVE). BASED ON A CALCULATION DONE USING AGE INDEX,
SEXINDEX, AND RACEINDEX TO DETERMINE THE CORRECT CELL CONTAINING THE
SELECTION PROBABILITY (OR MEASURE OF SIZE) FOR EACH HOUSEHOLD MEMBER.

VARIABLES CREATED IN THIS SECTION TO OUTPUT TO DATA FILE

SampleID: 10 DIGIT SAMPLE IDENTIFICATION NUMBER IDENTIFYING HOUSEHOLD
PROJ_ID: PROJECT (TEXT) DESCRIPTION
DateOfInterview: DATE WHEN SCREENER BEGAN MM/DD/YYYY (FC SC-1)
TimeOfInterview: TIME WHEN SCREENER BEGAN (FC SC-1)
CONTACTATTEMPTDATE: DATE CURRENT SCREENER BEGAN MM/DD/YYYY (FC SC-1)
CONTACTATTEMPTTIME: TIME CURRENT SCREENER BEGAN (FC SC-1)
VERSIONDATE PRELOAD DATAMODEL VERSION DATE FOR THIS CASE (FC SC-1)
VERSIONTIME PRELOAD DATAMODEL VERSION TIME FOR THIS CASE (FC SC-1)
VERSION ASSIGNED IN THE INSTRUMENT AND INCREMENTED BY ONE WHEN A NEW RELEASE IS
SENT TO THE FIELD. (FC SC-1)
CURRENTSECS TOTAL NUMBER OF SECONDS FOR THIS SESSION (FC SC-1)
TOTALSECS TOTAL NUMBER OF SECONDS FOR THIS CASE (FC SC-1)
TOTALMINS TOTAL NUMBER OF MINUTES FOR THIS CASE (FC SC-1)
IWSTARTDATE INTERVIEW START DATE (FC SC-1)
IWCURRDATE INTERVIEW CURRENT DATE (FC SC-1)

TS_BEGINIW	TIME STAMP FOR BEGINNING THE IW (FC SC-1)
SEXINDEX[X]:	SEX INDEX FOR EACH PERSON LISTED IN HH (FC SC-4a)
AGEINDEX[X]:	AGE INDEX FOR EACH PERSON LISTED IN HH (FC SC-4b)
RACEINDEX[X]:	RACE INDEX FOR EACH PERSON LISTED IN HH (FC SC-4c)
AGEINELG:	VAR USED FOR EXITAGE (FC SC-10)
INFNAME:	NAME OF INFORMANT (FC SC-9)
PROB[X]:	PROBABILITY OF EACH PERSON LISTED IN HH (FC SC-12)
TOTPROB:	TOTAL PROBABILITY FOR THE HH (FC SC-12)
PERSPROB[X]:	PERSONAL PROBABILITY FOR EACH PERSON IN HH (FC SC-12)
CUMPROB[X]:	CUMULATIVE PROBABILITY IN HH (FC SC-12)
RChoiceRandom:	RANDOM NUMBER CREATED FOR SELECTION (FC SC-12)
SELECTED:	USED TO RECORD LINE NUMBER OF SELECTED RESPONDENT (FC SC-13)
RNAME:	HHRoster.HHPerson[SELECTED].NAME (FC SC-14)
RSEX:	HHRoster.HHPerson[SELECTED].SEX (FC SC-14)
RSCRNINF:	IF SELECTED R=INFORMANT. (FC SC-14)
STDORMRES:	IF SELECTED R IS LIVING AWAY AT SCHOOL (FC SC-17B)
PROBCELL[X]	USED TO DETERMINE TO APPROPRIATE PRELOADSCREEN[X] CELL VALUE TO USE (PREVIOUSLY ILLUSTRATED ABOVE). BASED ON A CALCULATION DONE USING AGE INDEX, SEXINDEX, AND RACEINDEX TO DETERMINE THE CORRECT CELL CONTAINING THE SELECTION PROBABILITY (OR MEASURE OF SIZE) FOR EACH HOUSEHOLD MEMBER.
COMPLETE	SCREENER COMPLETION STATUS (FC SC-19) FIELD USED FOR SURVEYTRAK
IWCOMPLETE	SCREENER COMPLETION STATUS (FC SC-19) FIELD USED FOR SURVEYTRAK
TS_ENDIW	TIME STAMP FOR ENDING OF IW (FC SC-19)
IWENDDATE	INTERVIEW END DATE (FC SC-19)
IWTOTAL	TIME TOTAL OF INTERVIEW (FC SC-19)

FLOW CHECK SC-1: CONSTRUCT VARIABLE VersionDate
Datamodel version date for this case

CONSTRUCT VARIABLE VersionTime
Datamodel version time for this case

CONSTRUCT VARIABLE Version
Datamodel version number, incremented by one with each version released to the field

CREATE VARIABLE IWSTARTDATE
Used for back-up timings in the event something should go wrong with the adt files.

CREATE VARIABLE IWCURRDATE
Used for back-up timings in the event something should go wrong with the adt files.

CREATE VARIABLE TS_BEGINIW
Used for back-up timings in the event something should go wrong with the adt files.

CREATE VARIABLE CURRENTSECS
Total number of seconds for this session

CREATE VARIABLE TOTALSECS
Total number of seconds for this case

CREATE VARIABLE TOTALMINS
Total number of Minutes for this case

CREATE VARIABLE DateOfInterview:
DateOfInterview=CURRENT DATE MM/DD/YYYY (SYSDATE) OR DATE AT THE TIME OF THE START OF THE SCREENER

CREATE VARIABLE TimeOfInterview:
 TimeOfInterview=TIME OF SCREENER OR TIME AT THE TIME OF
 THE START OF THE SCREENER

CREATE VARIABLE CONTACTATTEMPTDATE
 Current Contact Attempt Date - used to prepopulate the
 date for the current contact attempt in SurveyTrak

CREATE VARIABLE CONTACTATTEMPTTIME
 Current Contact Attempt Time - used to prepopulate the
 time for the current contact attempt in SurveyTrak

CONFIRMA
 SC-1

Interviewer Checkpoint

This is Sample Id (SampleID). You are at:

(ADD_NUM) (STREET) (APT),
 (CITY)
 (STATE), (ZIP)

If you've entered the wrong sample line or if the wrong address is listed on
 the screen, please suspend the case by selecting the [Exit] button.

Please re-enter the numeric portion of the address to continue

{NO DK, RF, OR EMPTY. THIS FIELD SHOULD BE DEFINED AS AN **AUXFIELD**, TO
 ENSURE THAT THIS IS ASKED/RE-ASKED UPON ENTERING/RE-ENTERING IW.)

SOFT EDIT CHECK SC-1:

IF CONFIRMA <> ADD_NUM THEN, DISPLAY:

"If you have entered the wrong sample line, please suspend
 this case by pressing [Alt-X]"

INFORMANT SC-1b

Interviewer Checkpoint

Who are you talking to now?

Household Member 1
 Proxy Reporter 5

UNDERLYING ATTRIBUTES: NODK, NORF

FLOW CHECK SC-2:

CREATE TABLE NAMED HHRoster: SET UP AS AN
 ARRAY TO LOOP UP TO 15 TIMES. CREATE ROW NAMED
 HHPerson: SET UP AS AN ARRAY TO LOOP THROUGH
 NAME[X] TO DORMRES[X]. ENTRY OF 15 PERSONS
 WITH THEIR CORRESPONDING DEMOGRAPHIC
 INFORMATION. SUBSEQUENTLY, CREATING VARIABLE
 NAMES AS HHRoster.HHPerson.NAME[X]

TABLE HHL APPEARS...

	Name	Sex	Age	Age_Range	Race	Hisp	DormRes
HHL[1]							
HHL[2]							
...

HHL[14]							
HHL[15]							

NAME[X]

SC-2

(If TabletMode=1 (Laptop) show, "[F1]-Help"/EMPTY)

I would like the name (or initials) of the people who usually live here. Please include any unmarried children away from home living in a dormitory, fraternity or sorority.

Remember that this interview is completely voluntary and confidential. If there is any question that you do not wish to answer, please let me know and we can move on to the next question.

[IF NAME[1] and SC-1b <>5, ASK:]
 Let's start with you, what is your name?

[IF ASK INFORMANT=1 AND IF SC-1b=5, ASK:]
 What is the first person's name?

[HELP AVAILABLE]

◆ *ENTER Name.*

ELSE IF NAME[X] > NAME[1] , ASK:
 (Please give me the name (or initials) of the people who usually live here? Please include any unmarried children away from home living in a dormitory, fraternity or sorority.)

(What is the next person's name?)

[HELP AVAILABLE]

◆ *ENTER Name.*
Otherwise press [Enter] to continue.

FLOW CHECK SC-3: CONVERT NAME TO UPPERCASE UPON PRESSING ENTER AT NAME[X].

SEX[X]

SC-3 If necessary ask: (Is (NAME[X]) male or female?)

Male1
 Female2

FLOW CHECK SC-4a: CREATE SEXINDEX[X]
IF SEX[X]=2(FEMALE) THEN SEXINDEX[X]=1
IF SEX[X]=1(MALE) THEN SEXINDEX[X]=2

AGE_X[X]

SC-4 How old [IF NAME[X]=1 and SC-1b <>5 THEN "are you"/ IF NAME[X+1] or SC-1b=5 THEN "is (NAME[X])"]?

If necessary, ask: How old [IF NAME[X]=1 and SC-1b <>5 THEN "were you"/ IF NAME[X+1] or SC-1b=5 THEN "was (NAME[X])"] on [IF NAME[X]=1 and SC-1b <>5 THEN "your"/ IF NAME[X+1] or SC-1b=5 AND SEX[X]=1 THEN "his"/ IF NAME[X+1] or SC-1b=5 AND SEX[X]=2 THEN "her"] last birthday?

If the informant is absolutely unable to provide the age of a household member, enter [TabletMode=1 (Laptop) show, "[Ctrl] + [D]"/ TabletMode=2 (Tablet) show, "[DK]"] or [TabletMode=1 (Laptop) show, "[Ctrl] + [R]"/ TabletMode=2 (Tablet) show, "[RF]"] and continue to the next screen.

ENTER [0] if less than 1 year.

UNDERLYING RANGE = 0 TO 120

HARD EDIT CHECK SC-0a

IF HHL = 1 AND AGE_X[1] < 18 (OR FIRST PERSON LISTED IN THE ROSTER IS NOT 18 YEARS OLD OR OLDER) THEN, DISPLAY:
"Informant must be at least 18 years old"

HARD EDIT CHECK SC-0b

IF HHL = 1 AND AGE_X[1]= DK OR RF (OR FIRST PERSON LISTED IN THE ROSTER ANSWERS AS DK/RF) THEN, DISPLAY:
"Don't Know" and "Refused" are not accepted for this question.
If this INF cannot or will not provide an answer, you must exit the screener and find a different INF"

FLOW CHECK SC-4b:

CREATE AGE_DKRF_Flag
SET AGE_DKRF_Flag[x] = Null/Empty:
IF AGE_X[X] = DK THEN AGE_DKRF_Flag[X] := 8
ELSEIF AGE_X[X] = RF THEN AGE_DKRF_Flag[X] := 9

IF AGE_X[X]= DK or RF GO TO AGE_Range SC-4a
ELSE GO TO SC-4C.

AGE_Range[X]

SC-4a (How old ^NameX2?) Age probes: Is the household member...
14 or under? If yes, select [1]. If no, continue;
[xRange1_Fill]? If yes, select [2]. If no, continue;
([xRange2_Fill]? If yes, select [3]. If no, continue;/EMPTY)
[xRange3_Fill]? If yes, select [4]. If no, continue;
50-54? If yes, select [5]. If no, continue;
55 or older? If select [6].

14 or under 1
[xRange1_Fill] 2
[xRange2_Fill/EMPTY] 3
[xRange3_Fill] 4
50-54 years old 5
55 or older 6
UNDERLYING ATTRIBUTES: NODK, NORF

FLOW CHECK SC-4c:

CREATE AGE RANGE FILLS:
IF State = 'MISSISSIPPI' THEN
xRange1_Fill = "15-20 years old"
xRange2_Fill = EMPTY
xRange3_Fill = "21-49 years old"
ELSEIF State = 'NEBRASKA' OR 'ALABAMA' THEN
xRange1_Fill = "15-18 years old"
xRange2_Fill = "19 years old"
xRange3_Fill = "20-49 years old"
ELSE
xRange1_Fill = "15-17 years old"
xRange2_Fill = "18-19 years old"

FLOW CHECK SC-4d: CREATE RACEINDEX[X]
IF HISP[X]=5(NO) AND RACE[X]=4(BLACK) THEN RACEINDEX[X]=1
ELSEIF HISP[X]=1(YES) THEN RACEINDEX[X]=2
ELSE HISP[X]=5(NO) AND RACE[X]=1(INDIAN) OR 2(ASIAN) OR
3(HAWAIIAN) OR 5(WHITE) THEN RACEINDEX[X]=3

FLOW CHECK SC-5: CREATE USUALRES[X]
SET USUALRES[X]=1
IF (AGE[X]>=17 AND <=22)
SET USUALRES[X]=2, ASK DORMRES[X] SC-7. ELSE GO TO FC SC-6.

DORMRES[X]
SC-7

[IF NAME[X]=1 and SC-1b <>5 THEN "Do you"/ IF NAME[X+1] or SC-1b=5
THEN "Does(NAME[X])"live in a college or university dormitory,
fraternity, or sorority during the school year?

Yes.....1
No.....5

FLOW CHECK SC-8a: CREATE RACE_FILL (THIS FILL IS ONLY CREATED FOR THOSE WHERE
HHROSTER.HHPERSON[I].AGE_X IN [15..TopAgeElig]):

ELSEIF HISP[X] = 1, THEN
RACE_FILL = "Hispanic or Latino"
ELSEIF RACE[X] = 2 AND HISP[X] <> 1, THEN
RACE_FILL = "Asian"
ELSEIF RACE[X] = 3 AND HISP[X] <> 1, THEN
RACE_FILL = "Native Hawaiian or other Pacific Islander"
ELSEIF RACE[X] = 4 AND HISP[X] <> 1, THEN
RACE_FILL = "Black or African-American"
ELSE RACE[X] = 5 AND HISP[X] <> 1, THEN
RACE_FILL = "White"

FLOW CHECK SC-9: CREATE INFNAME: NAME CORRESPONDING TO
RESPONSE GIVEN FOR INFORMANT SC-1.
INFNAME=HHRoster.HHPerson[INFORMANT].NAME

ENDROSTER SC-8a Before we finish, are there any other members of this household
who are currently living in a college or university dormitory,
fraternity, or sorority?

*If Informant says there are no others, enter [1] to continue.
Otherwise, if Informant has more people to describe, press the [Up]
arrow to return to the roster screen and enter additional household
information*

*If Informant says there are no others, [IF TABLETMODE=1 (LAPTOP) SHOW,
"enter [1] to continue"/ IF TABLETMODE=2 (TABLET) SHOW, "select the
[Continue] button"].*

*Otherwise, if Informant has more people to describe, [IF TABLETMODE=1
(LAPTOP) SHOW, "press the [Up] arrow"/IF TABLETMODE=2 (TABLET) SHOW,
"select the [Back] button"] to return to the roster screen and enter
additional household information*

UNDERLYING RANGE: 1 TO 1
UNDERLYING ATTRIBUTES: NODK, NORF, NOEMPTY

VERROSTER

SC-8b

DISPLAYED FOR ALL:

To ensure I have entered all the information correctly, I would like to review the list of household members with you. Please let me know if any of this information is incorrect.

Currently, I have the following information about this household:

IF NAME[1] and SC-1b <>5 THEN:

(X.) You're (NAME[1]) and you're (AGE[X]), and consider yourself to be (RACE_FILL). [(F)/(M)]

FOR NAME[X] > 1 DISPLAY:

(X.) NAME[X] and (he/she) is (less than 1 year old/1 year old/(AGE[X]) years old), and considers (himself/herself) to be (RACE_FILL). [(F)/(M)]

IF NAME[X] <> EMPTY AND DORMRES[X]=1 AND USUALRES[X]=2, DISPLAY:

I also have the following information about others who live here or are away at college:

(X.) NAME[X] and (he/she) is a AGE[X] year old, and considers (himself/herself) to be (RACE_FILL). [(F)/(M)]

DISPLAYED FOR ALL:

[IF TABLETMODE=1 (LAPTOP) SHOW, "If there is incorrect information, step back to the roster screen, by pressing the [UP] arrow, and enter additional household information"/IF TABLETMODE=2 (TABLET) SHOW, "If there is an error in the information recorded, select number for who needs to be corrected below"]

ASK if necessary: What should be changed?

[IF TABLETMODE=1 (LAPTOP) SHOW, "ENTER [1] once all the information has been verified to be correct/IF TABLETMODE=2 (TABLET) SHOW, "If the roster information is correct, select the [Continue] button".]

UNDERLYING RANGE: 1 TO 1

UNDERLYING ATTRIBUTES: NODK, NORF, NOEMPTY

FLOW CHECK SC-10: CREATE AGEINELG:

**IF ALL AGEINDEX[X]=0, SET AGEINELG=1, ASK EXITAGE SC-14.
ELSE SET AGEINELG=5,**

ELSE GO TO FLOW CHECK SC-11

----- **TERMINATION SCRIPT** -----

EXITAGE

SC-14 Thank you. In this study, we are only interviewing men and women between the ages of 15 and [TopAgeElig/49]. So, these are all the questions I have for you now. On behalf of the University of Michigan, the US Public Health Service, and the Department of Health and Human Services, I thank you for taking time to help with this survey.

(My home office may be calling you to verify that I was at the correct address and spoke with a household member. For these reasons, may I have your telephone number?)

[IF TABLETMODE=1 (LAPTOP) SHOW, "ENTER [1] to exit interview"/ IF

TABLETMODE=2 (TABLET) SHOW, "Please select [Complete Screener] to exit interview".

UNDERLYING RANGE: 1 TO 1
UNDERLYING ATTRIBUTES: NODK, NORF, NOEMPTY
Go To ST_sPhone

----- EXIT APPLICATION {age ineligible} -----
----- TERMINATION SCRIPT -----
APPLICATION THRESHOLD

FLOW CHECK SC-11: IF VERROSTER = 1 AND INFORMANT = RESPONSE, THEN PROGRAM BEGINS WITH THE IN HOUSEHOLD SELECTION PROTOCOL. THESE TWO VARIABLES ACT AS THE THRESHOLD FOR CREATING THE RANDOM NUMBER AND SELECTING THE RESPONDENT.

FLOW CHECK SC-12: CREATE PROB[X]:
IF ALL AGEINDEX[X] = 0 SET PROB[X] = 0

CREATE TABLE HHROS_SORT:
IMPORT ALL MEMBERS FROM THE HHRoster.HHPerson BLOCK WHO HAVE A VALUE OF PROB[X] > 0 AND COMPUTE THE FOLLOWING VARIABLES FOR THESE INDIVIDUALS HAVING THE BLOCK NOTION OF HHROS_SORT.HHPerson[X].:

```
IF PROB[X] <> 0 THEN
  IF SEXINDEX[X] = 1 THEN
    IF AGEINDEX[X] = 1 THEN
      IF RACEINDEX[X] = 1 THEN PROB[X] = MAA1519
      ELSEIF RACEINDEX[X] = 2 THEN PROB[X] = MH1519
      ELSE RACEINDEX[X] = 3 THEN PROB[X] = MW1519
    ELSEIF AGEINDEX[X] = 2 THEN
      IF RACEINDEX[X] = 1 THEN PROB[X] = MAA2024
      ELSEIF RACEINDEX[X] = 2 THEN PROB[X] = MH2024
      ELSE RACEINDEX[X] = 3 THEN PROB[X] = MW2024
    ELSEIF AGEINDEX[X] = 3 THEN
      IF RACEINDEX[X] = 1 THEN PROB[X] = MAA2544
      ELSEIF RACEINDEX[X] = 2 THEN PROB[X] = MH2544
      ELSE RACEINDEX[X] = 3 THEN PROB[X] = MW2544
    ELSEIF AGEINDEX[X] = 4 THEN
      IF RACEINDEX[X] = 1 THEN PROB[X] = MAA4549
      ELSEIF RACEINDEX[X] = 2 THEN PROB[X] = MH4549
      ELSE RACEINDEX[X] = 3 THEN PROB[X] = MW4549
  ELSE SEXINDEX[X] = 2 THEN
    IF AGEINDEX[X] = 1 THEN
      IF RACEINDEX[X] = 1 THEN PROB[X] = FAA1519
      ELSEIF RACEINDEX[X] = 2 THEN PROB[X] = FH1519
      ELSE RACEINDEX[X] = 3 THEN PROB[X] = FW1519
    ELSEIF AGEINDEX[X] = 2 THEN
      IF RACEINDEX[X] = 1 THEN PROB[X] = FAA2024
      ELSEIF RACEINDEX[X] = 2 THEN PROB[X] = FH2024
      ELSE RACEINDEX[X] = 3 THEN PROB[X] = FW2024
    ELSEIF AGEINDEX[X] = 3 THEN
      IF RACEINDEX[X] = 1 THEN PROB[X] = FAA2544
      ELSEIF RACEINDEX[X] = 2 THEN PROB[X] = FH2544
      ELSE RACEINDEX[X] = 3 THEN PROB[X] = FW2544
    ELSEIF AGEINDEX[X] = 4 THEN
      IF RACEINDEX[X] = 1 THEN PROB[X] = FAA4549
      ELSEIF RACEINDEX[X] = 2 THEN PROB[X] = FH4549
```

```

ELSE RACEINDEX[X] = 3 THEN PROB[X] = FW4549

CREATE MAXRESIDENT: NUMBER OF PEOPLE THAT NOW MAKE UP THE
      HHROS_SORT.HHPerson[X]. TABLE.

CREATE TOTPROB:
  TOTPROB=PROB[1] + PROB[2] +
  ...
  + PROB[MAXRESIDENT]

CREATE PERSPROB[X]:
  PERSPROB[X]=PROB[X]/TOTPROB

CREATE CUMPROB[X]:
  CUMPROB[1]=PERSPROB[1]
  CUMPROB[2]=PERSPROB[1]+PERSPROB[2]
  CUMPROB[3]=PERSPROB[1]+PERSPROB[2]+PERSPROB[3]
  ...
  CUMPROB[MAXRESIDENT]= (3CUMPROB[1]...CUMPROB[MAXRESIDENT])

CREATE RChoiceRandom:
  RANDOM # B/T .000000000000000 AND .999999999999999
  
```

CUMPROB [X] creates and stores the value that is used with the randomly generated number (RchoiceRandom) to select the respondent. I have illustrated how this variable is created, below in Figure 1. An additional note, if the HH member is ineligible the CumProb[X] is set to equal CumProb[X-1] and their PersProb is set to 0. This is done to force the program to skip or ignore these individuals in the section of the respondent and the last eligible HHmember is always set to have a value of 1 (as seen in Figure 2).

Figure 1

$$\text{CumProb}[1] = \frac{\text{PersProb}[1]}{\text{TotProb}}$$

$$\text{X} = 2 \text{ to MaxResident}$$

$$\text{CumProb}[\text{X}] = \frac{\text{PersProb}[\text{X}]}{\text{TotProb} + \text{CumProb}[\text{X}-1]}$$

Figure 2		
HH Member	CumProb	PersProb
1	0.232	1.00
2	0.464	1.00
3	0.696	1.00
4	0.696 0.890	0.00 0.84 <-- Ineligible HH Member
5		
6	1.000	0.47
	TotProb=	4.31

FLOW CHECK SC-13:
 CREATE SELECTED:

STARTING WITH THE FIRST LINE, CHECK EACH CUMPROB AGAINST RChoiceRandom UNTIL RChoiceRandom IS LESS THAN OR EQUAL TO CUMPROB. DO THIS UNTIL THE CONDITION IS MET. WHEN RChoiceRandom IS LESS THAN OR EQUAL TO CUMPROB THEN THE LINE NUMBER SHOULD BE INSERTED INTO THE VARIABLE SELECTED.

```
SELECTED = 0
IF MAXRESIDENT = 1 AND ELIGIBLE[X] = 1 THEN
SELECTED = ELIGIBLE[1] {ONLY ONE ELIGIBLE PERSON IN HOUSEHOLD}
ELSEIF MAXRESIDENT > 1 THEN
  IF (RChoiceRandom#CUMPROB[X]) AND (CUMPROB[X] > 0) THEN
    SELECTED = ELIGIBLE[X]
    {IF RChoiceRandom>CUMPROB[1] THEN CONTINUE TO NEXT CUMPROB[X]
    ... ..
    IF RChoiceRandom# CumProb[ResHHL[X]] & CumProb[ResHHL[X]]>0 THEN
      SELECTED= ResHHL[X]
      UNTIL A CUMPROB[ResHHL[X]] IS SELECTED AND CYCLED THROUGH ALL
      CUMPROB[X]}
  ELSE SELECTED = 0
```

FLOW CHECK SC-14:

```
CREATE RNAME:      RNAME = HHRoster.HHPerson.[SELECTED].NAME
CREATE RSEX:       RSEX = HHRoster.HHPerson.[SELECTED].SEX

CREATE RSCRNINF:   RSCRNINF = 1 IF SELECTED = INFORMANT AND
                   ASK_INFORMANT = 1,
                   ELSE RSCRNINF = 5.
                   INFORMANT =HHRoster.HHPerson.[INFORMANT].NAME
```

FLOW CHECK SC-15: IF HHRoster.HHPerson[SELECTED].DORMRES=1 (YES),
ASK EXITSCR1 SC-10.
ELSE GOTO FLOW CHECK SC-16.

EXITSCR1

SC-10

Thank you for your time. (RNAME) has been selected to provide additional information for this study. Is (RNAME) currently away at school or college?

Yes.....1
No.....5

UNDERLYING ATTRIBUTES: NODK, NORF

FLOW CHECK SC-16:

```
CREATE RMinor
RMinor = 1 WHEN
([HHRoster.HHPerson[SELECTED].AGE <= 17] OR

[(HHRoster.HHPerson[SELECTED].AGE <= 18 AND (State=NEBRASKA OR
ALABAMA)] OR

[(HHRoster.HHPerson[selected].AGE_X <= 20) AND UPPERCASE(State)
= 'MISSISSIPPI']

ELSE SET RMinor = 5

IF RMinor = 1 AND EXITSCR1 <> 1 ASK EXITSCR2 SC-11
```

ELSE GOTO ST_sPhone

EXITSCR2

SC-11

IF RMINOR = 5 AND EXITSCR1 = EMPTY, ASK:
Thank you for your time. (RNAME) has been selected to provide additional information for this study. May I speak to (RNAME) now?
IF SELECTED R IS THE INFORMANT:
Thank you for your time. You have been selected for the study. May we begin the interview now?

IF RMINOR = 1 AND EXITSCR1 = EMPTY, ASK:
Thank you for your time. (RNAME) has been selected to provide additional information for this study. May I speak to a parent or guardian of (RNAME) now?

IF RMINOR = 5 AND EXITSCR1 = 5, ASK:
May I speak to (RNAME) now?

IF RMINOR = 1 AND EXITSCR1 = RESPONSE, ASK:
May I speak to a parent or guardian of (RNAME) now?

Yes.....1
No.....5

UNDERLYING ATTRIBUTES: NODK, NORF

ST_sPhone
(Phone)

SurveyTrak Informant Contact Information:

May I have a telephone number to contact (you/^InfName)?"

UNDERLYING ATTRIBUTES: NODK, NORF

LANG

SC-13

Interviewer Checkpoint:

Please code the likely interview language.

English.....1
Spanish.....2
Unknown.....3
Other.....4

UNDERLYING ATTRIBUTES: NODK, NORF

FLOW CHECK SC-17b: Create Constructed Variable STLANG for harmonizing response options in LANG to list seen in SurveyTrak:

```
IF LANG = English THEN
  STLANG = English
ELSEIF LANG = Spanish THEN
  STLANG = Spanish
ELSEIF LANG = Other THEN
  STLANG = Other
ELSEIF LANG = Unknown THEN
  STLANG = Unknown
ENDIF
```

IF Selected AGE_X[X] <= 19 THEN THE FOLLOWING HELP SCREEN IS AVAILABLE in SC OBS_2

SC-15:

For Teens, the following features increase the probability of being currently sexually active:

- Houses plus other types of buildings in segment (such as schools, stores, office buildings, etc.)
- Living in a multi-unit building (such as apartment buildings, duplexes, etc.)
- Older teen
- Male
- English-only segment
- House is easy to access (no physical impediments)

ELSE IF Selected AGE_X[X] > 19 THEN THE FOLLOWING HELP SCREEN IS AVAILABLE
SC-15:

For Adults, the following features increase the probability of being currently sexually active:

- Many housing units in segment
- Children living in home
- Female
- Other adults in housing unit
- Someone in unit younger than 45
- No Access Problems in segment
- Likely non-English interview

SCOBS_2

SC-15

Interviewer Checkpoint (If TabletMode=1 (Laptop) show, "[F1]-Help"/EMPTY)

Do you think the selected respondent is in an active sexual relationship with an opposite-sex partner?

Please press [F1] for a list of factors that tend to increase the probability of the selected respondent being in an active sexual relationship with an opposite-sex partner.

[HELP AVAILABLE]

Yes.....1
No.....5
UNDERLYING ATTRIBUTES: NODK, NORF

SCOBS_3

SC-16

Interviewer checkpoint:

What is the probability of getting the main interview?

High..... 1
Medium..... 2
Low..... 3

UNDERLYING ATTRIBUTES: NODK, NORF

SCCOMPLETE

SC-17

Interviewer checkpoint:

You have reached the end of the NSFG Screener

*[IF TABLETMODE=1 (LAPTOP) SHOW, "ENTER [1] to exit interview"/IF
TABLETMODE=2 (TABLET) SHOW, "Please select [Complete Screener] to exit*

interview"]

UNDERLYING RANGE = 1 TO 1
UNDERLYING ATTRIBUTES: NODK, NORF, NOEMPTY

FLOW CHECK SC-18:

RE-SORT NAMES IN TABLE SO THAT THE R SELECTED IS AT THE TOP OF THE LIST WITH THE FOLLOWING INFORMATION WITHIN EACH INDEX OF HHRos_Sort.HHPerson[INDEX#]: NAME, SEX, AGE, HISP, RACE, AGEINDEX, SEXINDEX, AND RACEINDEX. THE RE-SORTING OF THIS INFORMATION ALLOWS FOR THE IN INFORMATION THAT IS READ INTO SECTION A ROSTER TO LIST THE RESPONDENT AT THE TOP OF THE LIST.

```
CREATE TABLE HHRos_Sort:
  HHRos_Sort.HHPerson[1] = HHRoster.HHPerson[SELECTED]
  HHRos_Sort.HHPerson[#+1] = HHRoster.HHPerson[I]
  ...
  HHRos_Sort.HHPerson[15] = HHRoster.HHPerson[15]
```

```
FLOW CHECK SC-19 CREATE IWCOMPLETE & COMPLETE
IF (SCComplete <> EMPTY AND SCComplete = 1)
  (ExitAge <> EMPTY AND EXITAGE = 1) THEN
  IWCOMPLETE := 1
  COMPLETE := 1
ELSE
  IWCOMPLETE := EMPTY
  COMPLETE := EMPTY
ENDIF
```

```
CREATE VARIABLE TS_ENDIW
Time stamp for ending of iw - Used for back-up timings in the
event something should go wrong with the adt files.
```

```
CREATE VARIABLE IWENDDATE
Interview end date - Used for back-up timings in the event
something should go wrong with the adt files.
```

```
CREATE VARIABLE IWTOTAL
Time total of interview - Used for back-up timings in the
event something should go wrong with the adt files.
```

CONDITIONS FOR SPAWNING A MAIN LINE IN SURVEYTRAK:

```
WHEN AN R IS "NOT" ELIGIBLE FOR AN INTERVIEW, WE SHOULD NOT SPAWN:
  IF AGEINELG < 2 AND (EXITAGE = 1 OR (IWComplete = 1 AND IWComplete <>
  empty)) AND action = "Blaise complete"
```

```
WHEN AN R IS ELIGIBLE FOR AN INTERVIEW WE SHOULD SPAWN:
  IF (AGEINELG > 1) AND (LANG <> EMPTY OR (IWComplete = 1 AND IWComplete
  <> empty))
```

VARIABLES (ASKED OR DEFINED IN THIS SECTION) TO BE PASSED FORWARD

```
DateOfInterview: DATE WHEN SCREENER BEGAN MM/DD/YYYY (FC SC-1)
TimeOfInterview: TIME WHEN SCREENER BEGAN (FC SC-1)
VERSIONDATE PRELOAD DATAMODEL VERSION DATE FOR THIS CASE (FC SC-1)
VERSIONTIME PRELOAD DATAMODEL VERSION TIME FOR THIS CASE (FC SC-1)
NSFG_CURSECS TOTAL NUMBER OF SECONDS FOR THIS SESSION (FC SC-1)
NSFG_TOTSECS TOTAL NUMBER OF SECONDS FOR THIS CASE (FC SC-1)
STATE 50 CHAR STRING State were interview was being conducted
AGEINELG: VAR USED FOR EXITAGE (FC SC-10)
```

INFNAME INFNAME=HHRoster.HHPerson[INFORMANT].NAME (FROM FC SC-9)
MAXRESIDENT: NUMBER OF ELIGIBLE HH MEMBERS (FC SC-12)
PERSPROB[X]: PERSONAL PROBABILITY FOR EACH PERSON IN HH (FC SC-12)
CUMPROB[X]: CUMULATIVE PROBABILITY IN HH (FC SC-12)
RChoiceRandom: RANDOM NUMBER CREATED FOR SELECTION (FC SC-12)
SELECTED: USED TO RECORD LINE NUMBER OF SELECTED RESPONDENT (FC SC-13)
RNAME: HHRoster.HHPerson[SELECTED].NAME (FC SC-14)
ADD_NUM ADDRESS NUMBER (STRING LENGTH 20)
STREET STREET NAME (STRING LENGTH 40)
APT APARTMENT NUMBER (STRING LENGTH 30)
CITY CITY (STRING LENGTH 30)
ZIP ZIP CODE (STRING LENGTH 10 [9 + MASK])
RSEX: HHRoster.HHPerson[SELECTED].SEX (FC SC-14)
RSCRNINF: IF SELECTED R=INFORMANT. (FC SC-14)
NAME[X]: HHRos_Sort.HHPerson.NAME[X]
SEX[X]: HHRos_Sort.HHPerson.SEX[X]
AGE[X]: HHRos_Sort.HHPerson.AGE[X]
RACE[X]: HHRos_Sort.HHPerson.RACE[X]
HISP[X]: HHRos_Sort.HHPerson.HISP[X]
USUALRES[X]: HHRos_Sort.HHPerson.USUALRES[X]
DORMRES[X]: HHRos_Sort.HHPerson.DORMRES[X]
AGEINDEX[X]: HHRos_Sort.HHPerson.AGEINDEX[X]
SEXINDEX[X]: HHRos_Sort.HHPerson.SEXINDEX[X]
RACEINDEX[X]: HHRos_Sort.HHPerson.RACEINDEX[X]
STDORMRES IF SELECTED R IS LIVING AWAY AT SCHOOL
LANG: INTERVIEW LANGUAGE
IWCOMPLETE SCREENER COMPLETION STATUS (FC SC-19) FIELD USED FOR SURVEYTRAK
SCOBS_2 SC-15 EXPORT THIS VARIABLE TO SURVEYTRAK AND STORE WITH OTHER
CONTACT OBSERVATIONS (AT THE SAMPLE LINE LEVEL IN SURVEYTRAK)
SCOBS_3 SC-16 EXPORT THIS VARIABLE TO SURVEYTRAK AND STORE WITH OTHER
CONTACT OBSERVATIONS (AT THE SAMPLE LINE LEVEL IN SURVEYTRAK)
CONTACTATTEMPTDATE EXPORT THIS VARIABLE TO SURVEYTRAK FOR USE IN CALL WIZARD
CONTACTATTEMPTTIME EXPORT THIS VARIABLE TO SURVEYTRAK FOR USE IN CALL WIZARD
TopAgeElig UPPER SCREENER AGE RANGE LIMIT OF R'S ELIGIBLE FOR NSFG