SP ID #: _____

SP NAME: _____

INTERVIEWER NAME: _____

INTERVIEWER ID: _____

FACILITY ID #: _____

START TIME: _____ am/pm

DEPARTMENT OF HEALTH AND HUMAN SERVICES

HEALTH CARE FINANCE ADMINISTRATION

MEDICARE CURRENT BENEFICIARY SURVEY

FACILITY COMPONENT

RESIDENCE HISTORY

ROUND 22

OVERALL PROGRAMMING INSTRUCTIONS FOR RESIDENCE HISTORY QUESTIONNAIRE

1. Place Type Definitions are as follows:

The purpose of defining place type in Residence History is to define stays in long-term care units in order to collect data for an appropriate period of time, e.g., use of acute care services, expenditures, health status, etc.

Long-term care: The facility or unit must contain 3 or more beds <u>and</u> meet at least one of the following requirements.

> Beds certified by Medicare or Medicaid as nursing home beds, intermediate care facility beds, or intermediate care facility for the mentally retarded beds. These facilities may include nursing homes, nursing units of larger facilities, rehabilitation facilities, institutions for the mentally retarded, and hospice units in acute care hospitals.

> Licensed as a nursing home or personal care facility, or some other type of long-term care facility. Other long-term care facilities include personal care homes, assisted living facilities, board and care homes, domiciliary care homes, rest homes, and mental health or psychiatric long-term care hospitals.

> Provides 24-hour a day supervision by a caregiver.

> Routinely provides help with at least one activity of daily living such as bathing, dressing, shopping, walking or getting about, eating and communicating.

Community Stays: Stays in places determined not to be long-term care facilities. These include private homes or apartments, independent living facilities or units, and hospital stays from which the SP does not return to the facility.

Hospital Stays: Stays in hospitals which have not been classified by the home office as either a long-term care facility or as a community stay. **Hospital** is an **interim status** which will be classified as a facility or community stay before the next interview depending on where the SP was staying during the current interview.

2. Data Elements

There are some data elements that occur throughout these Residence History (RH) specifications, and that programmers, testers, and other reviewers may wish to keep in mind.

> The current end of round reference period date. This date sets the end of facility data collection for the current round. It is the earliest of date of death, date of discharge from Residence History or the date of interview.

> The "end-of-previous-round reference period."

> The "most recent date of discharge during the previous round."

> The "admission date reported by the previous source." This is used for all crossover and transfer SPs as the starting point for collecting the Residence History, and is the date reported by a previous facility or community respondent as when the SP began staying at the current facility.

3. Set-up Items

The set-up items perform two functions: first, they verify or collect certain items necessary to continue with the Residence History; and second, they establish the current round reference period. Examples of the first function include verifying the First Admission Date (FAD) and collecting date of birth. The second function depends on the SP's vital status. If the SP is alive and a continuing resident, then the previous round reference period is from the end of the previous round reference period through the current round date of interview. If the SP is deceased or discharged and is a Continuing Facility Resident (CFR), then the current round reference period runs from the end of the previous round reference period through the date or death or date of discharge.

PRE-STAY ITEMS

This is the first section after set-up items to be completed for all supplemental sample members in their first round of data collection. Stays prior to the First Admission Date (FAD) will be probed to identify all places where the SP was a resident during the sample admission year.

STAYS

This section of data collection determines whether the SP has spent one or more nights in another unit of the facility, a hospital, or any other place. If the SP has not spent one or more nights in any other place, the timeline is complete. We continue asking these questions until the answer is "NO." Stays are collected chronologically from the end of the previous interview reference period or REF DATE to the end of the current interview (CRIN) reference period.

DATE QUESTIONS

For each place identified, on the matrix we will collect the start date or end date of the stay.

TIMELINE MATRIX/FORM

Place Roster. All places reported during the Residence History will be consolidated on the facility-level Place Roster. The first entries on the Place Roster will be the personal care units, general nursing units, and special care units within the facility and the units affiliated with the facility which were collected during the facility-level data collection. Whether these units are eligible LTC facilities, hospitals, or community places will also have been defined during the facility-level data collection.

Interviewers will select from or add to the Place Roster all places reported during the Residence History data collection for each SP in the facility. The type of place will be collected and defined during Residence History data collection for all places added to the Place Roster. The purpose of the Place Roster is to consolidate reported places to relieve data-collection burden. Interviewers will search the Place Roster first for reported places, and if there is a match, will select the place so it will be linked to the Residence History stay record. If there is no match, the interviewer will add the place to the Place Roster.

The flow of questions is directed within the timeline matrix according to whether the place is selected from or added to the Place Roster. If the place is a facility unit, the question flow is directed to forming the timeline. If the place is hospital, the question flow first goes to Hospital Questions and then the flow is directed to forming the timeline again. If the place is an other Place, the question flow first goes to the Other Place Questions and then the flow is directed to forming the timeline again.

Hospital Questions. This section collects the name, address, and type of hospital for each new hospital identified. The first time it is reported, the AHA will be searched to try to find it (see below). For all hospitals the AHA identifies as having a SNF unit/wing, the interviewer asks whether this stay was in a Skilled Nursing Facility (SNF) wing or unit of the hospital.

Other Place Questions. This section collects the name, address, and type of place. For each place, place type will be collected by asking the respondent to classify the place. Places classified as long-term care will be searched for on the NHPI (at the end of the Residence History). Places classified as "community" will have additional questions in order to ascertain with whom the SP was living and whether the SP received home health services while there.

TIMELINE MATRIX DISPLAY (STAY ROSTER)

Several questions throughout the body of Residence History contain the instruction "display Timeline." The basic specifications for displaying the timeline are:

1.   Display the timeline as a roster inside a box at the bottom of the screen that has room for four lines, with each line representing one Residence History stay.

2.   Each line should have four elements: the name of the place, the start and end dates of the stay, and the stay type (PLACKIND). If any date component (month, day, or year) is refused, substitute "RF" in the timeline display; if any date component is not known, substitute "DK". Otherwise, zero-fill the date displays.

3.   The lines should always be displayed in chronological order, from top to bottom.

In addition, there are two variations on which lines should be displayed, depending on whether the questions are being administered as part of pre-stay or Timeline. If coming from pre-stay, display the information for the current stay (i.e., that stay for which CAPI is now collecting information) in the top row, followed by (up to) the next three stays in chronological order. These next three stays may or may not include the FAD, depending on how many pre-stay stays have already been reported. Examples:

PLACE NAME	START DATE	END DATE	STAY TYPE
INDEPENDENT LIVING UNIT	11/15/95	12/12/95	INELIG
SKILLED NURSING UNIT	12/12/95	05/18/96	ELIG LTC

In this first example (a live SSM that is still in the facility on 5/18/96, date of interview), we are collecting data about the independent living unit stay. The FAD stay is clearly visible on the second line, and there are not yet any other stays. In a situation with many pre-stay stays, we may not be able to see the FAD stay:

For timeline stays, we should also display the current stay, as the _last_ line. Again, what else the interviewer can see depends on how many stays have been reported:

PLACE NAME	START DATE	END DATE	STAY TYPE
SKILLED NURSING UNIT	12/12/95	02/19/96	ELIG
HOSPITAL	02/19/96	02/22/96	HOSP

This SP has a FAD of 12/12/95, and we are in the middle of picking up information about a hospital stay. If there are several stays, the timeline might look like:

SKILLED NURSING UNIT	12/12/95	02/19/96
HOSPITAL	02/19/96	02/22/96

PLACE NAME	START DATE	END DATE
OTHER NURSING HOME	02/22/96	03/17/96
ASSISTED LIVING UNIT	03/17/96	04/14/96
NURSING HOME UNIT	04/14/96	05/03/96
HOSPITAL	05/03/96	05/12/96

In this case, the timeline display shows the current stay as the last line, along with the three preceding stays. The italicized stays are not shown on the timeline display which can only display four lines.

NATIONAL HEALTH PROVIDER INVENTORY (NHPI)

Once the Residence History data collection is completed for an SP, interviewers will search the NHPI for all places identified as LTC places. The frame used for the sample, the NHPI, will be loaded on each interviewer's laptop computer. Interviewers will search the NHPI in an attempt to match nursing homes and other long-term care institutions identified during Residence History. All nursing homes and other long-term care places will be searched on the NHPI because interviewers and respondents have difficulty classifying long-term care places and because of births on the frame.

HOSPITAL PROVIDER DIRECTORY (AHA)

Interviewers will search the Hospital Provider Directory the first time a hospital is reported in order to collect the address. The frame used for the Hospital Provider Directory will be the American Hospital Association file of hospitals. We will flag hospitals with SNF wings or units, as certified by the Health Care Financing Administration, and use that flag to ascertain whether that stay was in the SNF unit of the hospital. Stays in the SNF unit of the hospital will be flagged as eligible long-term care stays. Stays in hospitals with no flag for a SNF unit will be classified as hospital stays.

MGMT SYSTEM SPEC. for all of Residence History:

\#   Unless otherwise specified, allow DK and RF.

\#   DK must be retrieved with another facility respondent; if still missing after all respondents have been interviewed, code as FINAL DK.

\#   Set current Date of Interview (DOI) to "today".

SET-UP ITEMS

BOX RHA	If SP is a live continuing facility resident still in the facility, go to RH2PRE.
	If this is the first CAPI Residence History for this SP in this facility, go to RH1PRE.
	If the SP is deceased at the end of previous round reference period, no Residence History data is collected.

HIRO.RHTYPE

RH1PRE
Introduction for first facility Residence History for this SP. If Round=18, display "January 1, 1997"; if supplemental sample member, display "January 1, {YEAR}", otherwise, display "{her/his} admission to this facility. If facility has more than one place on the Place Roster display "other parts of {FACILITY}," else not.

RH1PRE

Now, I would like to ask you about the places where {SP} stayed for one night or more between {January 1, 1997/January 1, {YEAR}/{her/his} admission to this facility} and today including staying in {other parts of {FACILITY},} hospitals or other places. In answering these questions, it might be helpful for you to review records that show discharges or transfers from {FACILITY/ELIGIBLE UNIT} to hospitals or other places.

PRESS ENTER TO CONTINUE. (BOX RH1)

RH2PRE
If Round 18, do not display "on {DATE OF PREVIOUS ROUND FACILITY INTERVIEW}."
If SP in acute care hospital at CRIN-1, display "{HOSPITAL NAME}". Else, display "{UNIT WHERE SP WAS RESIDENT ON DATE OF PREVIOUS ROUND INTERVIEW}". If facility has more than one place on the Place Roster display "other parts of {FACILITY}," else not.

RH2PRE

On my last visit {on {DATE OF PREVIOUS ROUND FACILITY INTERVIEW}}, {SP} was alive and a resident of {UNIT WHERE SP WAS RESIDENT ON DATE OF PREVIOUS ROUND INTERVIEW/HOSPITAL NAME}. Now, I would like to ask you about all the places {SP} has stayed since my last visit, including staying in {other parts of {FACILITY},} hospitals or other places.

PRESS ENTER TO CONTINUE. (BOX RH1)

BOX RHB	If discharge place = hospital (PLAC. HOSPKIND) go to RH7, else go to RH5.

BOX RH1	If CFR If Round=18, go to BOX RH1D. Else, go to RH7. If SSM1, go to RH2. Otherwise, go to RH2A.

BOX RH1A - RH1 omitted.

RH2

       On what date was {SP} most recently admitted to {FACILITY/ELIGIBLE UNIT}?

              MONTH ( )   DAY ( )   YEAR 19( )

HIST.ADMITMM   .ADMITYY   STAY.STAYSTRT   PERS.PREVADMT   HIRO.ADMITRND
   .XADMSTAY   .ADMIT   .ORIGADMT
   .ADMITDD   .SUPPTYPE

PROGRAMMER SPECS:
If any part of date is DK or RF, go to RH3, otherwise go to BOX RH2.

If Date of Birth is known, perform hard range edit to ensure that date is on or after Date of Birth; if error, display message:
"Date must be on or after date of birth (mm/dd/yy). Please re-enter."

If Date of Death is known, perform hard range edit to ensure that date is on or before Date of Death; if error, display message:
"Date must be on or before date of death (mm/dd/yy). Please re-enter."

RH2A

Design note: This item collects the FAD for CFCs and SSM2s and the RAD for FCFs and FFCs.

RH2A

On what date do your records show {SP} was admitted to {FACILITY}?

IF SP NEVER ADMITTED, ENTER SHIFT/5 IN MONTH FIELD.　(RHENDB)

MONTH ( )　DAY ( )　YEAR　19( )

HIST.ADMITYY HIST.XADMSTAY　　　　　　**PERS.PREVADMT**　　　　　**HIRO.ADMITRND**
　.ADMITMM　　　　　　　　　　　　　　**.ORIGADMT**
　.ADMITDD　　　　　　　　　　　　　　**.SUPPTYPE**　　　　　　**STAY.STAYSTRT**
　.ADMIT　　　　　　　　　　　　　**PERM.NEXTADMT**

PROGRAMMER SPECS:
If date is before admission date reported by a previous source, display message "Expected admission date on or after {ADMISSION DATE REPORTED BY A PREVIOUS SOURCE}. Please verify and re-enter."
If Date of Birth is known, perform hard range edit. If date is before Date of Birth; display message: "Date must be on or after date of birth (mm/dd/yy). Please re-enter".
Set RH2A date as {FAD/RAD}.
If any part of date is DK or RF, go to RH3, otherwise go to RH2B.

BOX RH2	If facility has more than one unit go to RH2B, otherwise If SSM, go to BOX RH4. Else, go to RH7.

RH2B
Display Place Roster Version 4 for the transfer facility. It does not include "SOME OTHER PLACE".
If CFR or SSM1, display "1/1/{YEAR}." If CFC or SSM2, display "{FAD}." If FFC or FCF, display "{RAD}."

RH2B

Where was {SP} a resident on {1/1/{YEAR}/FAD/RAD}?

IF A BED WAS HELD FOR SP, PROBE: Where was the bed that was held for SP on {FAD/RAD}?

{PLACE ROSTER VERSION 4}
USE ARROW KEYS. TO SELECT/DESELECT, PRESS ENTER. TO EXIT, PRESS ESC.

HIST.XRHPLAC　　　　　　**PERS.XPLAC**　　　**STAY.XSTPLAC**

PROGRAMMER SPECS:
Set as FAD/RAD unit. Do not allow changes to previously entered place names.

BOX RH3	Go to BOX RH4.

RH3

Please tell me the name and title of someone in {ELIGIBLE FACILITY} who could give me that information.

RECORD RESPONDENT INFORMATION ON PAPER FROG.

PRESS ENTER TO CONTINUE.

PROGRAMMER SPECS:
Go to RHEND.

Box RH2 omitted.
RH4 omitted.
Box RH3 omitted.

RH5

I do not need to collect any more information for {SP}.

PRESS ENTER TO RETURN TO NAVIGATION SCREEN.

PROGRAMMER SPECS:
Go to navigation screen.

| BOX RH4 | If SSM, ask RH6. Otherwise, go to RH7. |

RH6

ASK IF NOT OBVIOUS.

Is {SP} male or female?

MALE 1
FEMALE... 2

HIST.RHSEX
PERS.SEX

Box RH5 omitted.

RH7

      Is {SP} alive?

                    YES 1   (BOX RH7)
                    NO 0   (RH8)
                    DK .... -8   (BOX RH7)
                    RF .... -7   (BOX RH7)

HIST.RHALIVE
HIRO.ALIVERND
PERS.ALIVE

RH8

      On what date did {SP} die?

      IF RESPONDENT ANSWERS "DK," PROBE: "Do you know what month {SP} died?"

          MONTH ( )   DAY ( )   YEAR 19( )

HIST.RHDOD   **.RHDODYY**   **.RHDODMM**   **PERS.DOD**   **.DODYY**   **.DODMM**   **.DODDD**
          .RHDODDD

PROGRAMMER SPECS:
If SP TYPE = CFC, FFC, FCF, or SSM2 and date entered is before FAD/RAD, display message: "Date should be on or after {FAD/RAD}. Please re-enter."

If SP TYPE = SSM1 and date entered is before 1/1/{YEAR}, display message: "Date must be on or after January 1, {YEAR}. Please re-enter."

Else Round=19 or above and if SP TYPE = CFR, and date entered is before the end of previous round reference period, display message: "Date must be on or after {PREVIOUS ROUND END OF REFERENCE PERIOD}. Please re-enter."

Else, for all SPs, if Date of Birth is known, perform hard range edit to ensure that Date of Death in RH8 is on or after Date of Birth; if error, display message: "Date of death must be on or after date of birth (mm/dd/yy). Please re-enter."

BOX RH6	If month or year of death is DK or RF, go to RH3. If day is DK or RF, set Date of Death to last day of month or today's date if month of death = DOI month. Set flag to indicate current end of round reference date was set to the end of the month and flag for retrieval. Go to BOX RH7. Else, go to BOX RH7.

BOX RH7	If SP is deceased:
	    - Set the current end of round reference period to the date of death from RH8.
	    - If day was DK or RF in RH8, set the date of death from BOX RH6.
	Otherwise set the end of the current round end of reference period to the current DOI (display "today").
	If SSM1 or SSM2, go to RH9.
	Others go to BOX RH9A.

PERM.RHREFBYY .RHREFBMM   .RHREBDD   .RHREFBEG   PERM.RHREFEND
.RHREFEYY
.RHREFEMM
.RHREFEDD

RH9

       What {is/was} {SP's} date of birth?

            ENTER A 4-DIGIT YEAR.

            MONTH ( ) DAY ( )   YEAR (   )

HIST.RHDOB   .RHDOBYY   .RHDOBMM   .RHDOBDD   PERS.DOB   .DOBYY   .DOBMM
.DOBDD

PROGRAMMER SPECS:
Hard range for year is 1870 - {CURRENT YEAR MINUS TWO YEARS}.
Perform hard range edit to ensure that Date of Birth in RH9 is before FAD/RAD/January 1, {YEAR}; if error, display message: "Date of birth must be before {FAD/RAD/January 1, {YEAR}}. Please re-enter."

BOX RH9	If year of birth is DK or RF, go to RH10. Otherwise, go to BOX RH9A.

RH10

Approximately how old {is/was} {SP}?

APPROXIMATE AGE IN YEARS (   )

HIST.RHAGE   **PERS.AGE**

PROGRAMMER SPECS:
Hard range is 2-125.

BOX RH9A	If CFC, FFC, or FCF, go to RH11B.
	If SSM2 go to RH43PRE.
	If the SP was a live CFR, go to RH11A.
	If SP discharged to hospital, not readmitted (HIRO.READMIT=0) and alive
	    (FPER.FALIVE=1,-8,-9), go to RH12B.
	Else, if SP discharged to hospital, not readmitted (HIRO.READMIT=0) and
	    deceased (FPER.FALIVE=0), go to RH12A.
	Otherwise, if SP is readmitted (HIRO.READMIT=1) go to RH13.
	Else go to RH11B.

RH11PRE omitted.

RH11A
If facility has more than one unit, display flush left all place names of units, except current place and larger facility, in Place Roster (Place Roster Version 3) order as a static display and display "READ UNITS BELOW" in question text.

RH11A

{Between {DATE OF PREVIOUS ROUND FACILITY INTERVIEW}, (the date of my last visit) and {CURRENT ROUND END OF REFERENCE PERIOD} has {SP} been in {UNIT WHERE SP WAS A RESIDENT ON DATE OF PREVIOUS ROUND INTERVIEW} the <u>whole time</u> or has {she/he} spent one or more nights {in [READ UNITS BELOW],} in a hospital, or in some other place?

YES, WHOLE TIME 1   (BOX RH10)
NO, OTHER PLACE 0   (RH13)
DK .... -8   (BOX RH10)
RF .... -7   (BOX RH10)

{PLACE ROSTER VERSION 3}

STAY.RHPROBE

PROGRAMMER SPECS:
Disallow DK if current place is a facility unit, and display error message "DK not allowed. Current stay is a facility stay."

RH11B

If facility has more than one unit, display flush left all place names of units except current place and larger facility, in Place Roster (Place Roster Version 3) order as a static display and display "READ UNITS BELOW" in question text.

RH11B

    Between {REF DATE} and today has {SP} been in {FACILITY/ELIGIBLE UNIT} the <u>whole time</u> or has {she/he} spent one or more nights {in [READ UNITS BELOW],} in a hospital, or in some other place?

YES, WHOLE TIME	1	(BOX RH10)
NO, OTHER PLACE	0	(RH13)
DK	-8	(BOX RH10)
RF	-7	(BOX RH10)

{PLACE ROSTER VERSION 3}

STAY.RHPROBE

PROGRAMMER SPECS:
Disallow DK if current place is a facility unit, and display error message "DK not allowed. Current stay is a facility stay."

RH12

    Between {RH13 DATE} and today was {SP} in {CURRENT PLACE} the whole time?

YES, WHOLE TIME	1	(BOX RH10)
NO, LEFT	0	(RH13)
DK	-8	(BOX RH10)
RF	-7	(BOX RH10)

STAY.RHPROBE

PROGRAMMER SPECS:
Disallow DK if current place is a facility unit, and display error message "DK not allowed. Current stay is a facility stay."

BOX RH10	If coming from RH11A and RH11A is YES, or
	coming from RH11B and RH11B is YES, or
	coming from RH12 and RH12 is YES:
	    If SP is alive or vital status is not known, go to BOX RH27.
	    Else, go to RH12A.
	Else, if coming from RH11A and RH11A is -8 (DK) or -7 (RF), or
	coming from RH11B and RH11B is -8 (DK) or -7 (RF), or
	coming from RH12 and RH12 is -8 (DK) or -7 (RF):
	    If the SP is alive or vital status is not known, go to RH12B.
	    Else, go to RH12A.

RH12A

      Was {she/he} in {CURRENT PLACE} when {she/he} died on {DATE OF DEATH} or somewhere else?

IN {CURRENT PLACE}	1	(BOX RH27)
SOMEWHERE ELSE	0	(RH13)
DK	-8	(BOX RH27)
RF	-7	(BOX RH27)

HIRO.CURDIED

PROGRAMMER SPECS:
If "1", "-8", or "-7", set stay end date to end of reference period.

RH12B

      Is {she/he} still at {CURRENT PLACE}?

YES	1	(BOX RH27)
NO	0	(RH13)
DK	-8	(BOX RH27)
RF	-7	(BOX RH27)

HIRO.CURSTIL

PROGRAMMER SPECS:
If "1", "-8", or "-7", set stay end date to end of reference period.

DATE

RH13

Display the first place in chronological order where the SP is staying with the leave date missing. Subsequently, display the next place in chronological order where the SP is staying with the leave date missing. Continue until all places with missing dates have been displayed.

Display current Timeline/Stay roster.

START DATE: {START DATE}

RH13

      When did {SP} leave {CURRENT PLACE}?

      MONTH (   )   DAY (   )   YEAR 19(   )

STAY.STAYEND   .STAYEYY   .STAYEMM   .STAYEDD

PROGRAMMER SPECS:

If SP TYPE = CFC, SSM2, FCF, or FFC, and date entered is before the FAD/RAD, display message: "Date must be on or after {FAD/RAD}. Please re-enter."

If SP TYPE = SSM1 and date entered is before January 1, {YEAR}, display message "Date must be on or after January 1, {YEAR}. Please re-enter."

If SP TYPE = CFR and round = 19 or higher, and date entered is before the end of the previous round reference end date, display message: "Date must be on or after {END OF PREVIOUS ROUND REFERENCE PERIOD}. Please re-enter."

Else, for all SPs, if date entered is after end of current round reference period, display message: "Date cannot be after {CURRENT ROUND END OF REFERENCE PERIOD}. Please re-enter."

DESIGN NOTE: This won't work for an exit round.

Else if CURRENT PLACE is hospital and stay is 30 days or longer, display soft range error message: "Unlikely Response. Hospital stay is {number of days} days. Please verify and re-enter."

In retrieval mode, display instruction at bottom of screen: ASK RESPONDENT FOR NAME OF PLACE AND ENTER IN COMMENTS.

BOX RH11	If RH13 date is missing or partially missing, go to RH14. Else go to RH21.

Fill start date for new stay.

STAY.STAYSTRT
    .STAYSYY
    .STAYSMM
    .STAYSDD

RH14

About how many nights did {she/he} spend there?

OF NIGHTS   (   ) (RH21)

STAY.STAYNITE   .STAYEND   .STAYEYY   .STAYEMM   .STAYEDD

PROGRAMMER SPECS:

If RH14 is greater than the maximum allowable number of nights, as calculated from the partial data in RH13 and the current start date, display message "Number is greater than difference between {current start date} and {RH13 date}. Please re-enter or back up to change dates."

Else if RH14 is less than minimum allowable number of nights, as calculated from the partial data in RH13 and the current start date, display message "Number is less than difference between {current start date} and {RH13 date}. Please re-enter or back up to change dates."

If RH14 is neither DK nor RF, calculate the date for RH13, and perform the following edits.

For CFCs, SSM2s, FFCs and FCFs, if date entered is before {FAD/RAD}, display message: "Date must be on or after {FAD/RAD}. Please re-enter."

For CFRs and round = 19 or higher, if date entered is before the end of the previous round reference end date, display message: "Date must be on or after {END OF PREVIOUS ROUND REFERENCE PERIOD}. Please re-enter."

For SSM1s, if date entered is before January 1, {YEAR}, display the message: "Date entered must be on or after January 1, {YEAR}. Please re-enter."

Else, for all SPs, if date entered is after end of current round reference period, display message: "Date cannot be after {CURRENT ROUND END OF REFERENCE PERIOD}. Please re-enter."

Else, for all SPs, if date entered is on or before most recent known or partially known start date collected in this round, display message: "Date must be after {MOST RECENT KNOWN OR PARTIALLY KNOWN START DATE}. Please re-enter."

For instance, if the previous start date is 5/15, the current start date must not be on or before 5/15. If the previous start date is DK/DK, and the start date before that is 5/8, then the current start date must not be on or before 5/8. If the previous start date is 5/DK, and the start date before that is DK/DK, and the start date before that is 5/2, then the current start date must not be on or before 5/2.

RH15-20 omitted.

BOX RH12 omitted.

TIMELINE MATRIX/FORM
PLACE ROSTER

RH21
Display all places on Place Roster Version 2. If coming from pre-stay, display "What was the name of that place?"
Else if coming from RH12A, display "Where was {she/he} staying when {she/he} died on {DATE OF DEATH}}?"
If coming from RH12B, display "Where is {she/he} living now."
Else display "Where did {she/he} go on {RH13 DATE}."

RH21

      {Where did {she/he} go on {RH13 DATE}/Where is {she/he}living now/
      Where was {she/he} staying when {she/he} died on {DATE OF DEATH}/What was the name of that place?}?

                {PLACE ROSTER VERSION 2}

      USE ARROW KEYS. ENTER=SELECT/DESELECT. CTRL/A=ADD. CTRL/D=DELETE. ESC=EXIT.

STAY.XSTPLAC   **STAY.RHSELADD**

PROGRAMMER SPECS:
Do not allow changes to previously entered place names.
Do not allow DK for added place name. If DK entered, display message: "DK not allowed. Enter place with as much descriptive
      information as possible."
Do not allow RF for added place name. If RF entered, display message: "RF not allowed. Enter place with as much descriptive
      information as possible."

BOX
RH13
	If place <u>added</u>, go to RH22.
	Otherwise, (place <u>selected</u>):
	    If coming from pre-stay, go to RH44A.
	    If place selected is a target facility unit, go to BOX RH24.
	    If place selected is a hospital, go to BOX RH15A.
	    Otherwise, go to BOX RH18.

RH21A omitted.

BOX RH14 omitted.

RH22
Display current Timeline/Stay roster.

```
RH22

    Please look at this card and tell me what kind of place {NAME FROM RH21} is.

                    OTHER NURSING HOME/REHAB CENTER ................................  1
    ┌─────────┐     PERSONAL CARE HOME/RESIDENTIAL CARE FACILITY ..........  2
    │  SHOW   │     CCRC/RETIREMENT HOME/CENTER .........................................  3
    │  CARD   │     HOSPITAL ...................................................................................  4
    │  RH1    │     PRIVATE HOME OR APARTMENT...............................................  5
    └─────────┘     OTHER LTC FACILITY ....................................................................  7
                    OTHER (SPECIFY: _____)......................  91

    PRESS F1 FOR DEFINITIONS.
```

PLAC.PLACKIND   .PLACKIOS   .RHPLACTY

PROGRAMMER SPECS:
Disallow DK and RF. If DK or RF entered, display message "Please use other (specify): to record descriptive information."

RH22A-RH22G omitted.

| BOX RH15 | Set place type to answer coded in RH22.

If coming from pre-stay and RH22 = 1, go to RH27.
Else, if RH22 = 1, 2, or 7 (PLACKIND = 1, 2, or 7), Classify as eligible LTC stay, set flag to search NHPI if not previously searched, and go to BOX RH24.
Else if RH22 = 3 (PLACKIND = 3), go to BOX RH18.
Else if RH22 = 4 (PLACKIND = 4), classify as hospital stay and go to BOX RH15A.
Otherwise (RH22 = 5 or 91 (PLACKIND = 5 or 91), classify as community stay and go to RH30. |

STAY.STAYCLAS   PLAC.NHPIFLAG

HOSPITAL QUESTIONS

RH23 omitted.

BOX RH15A	If hospital not previously searched call LOOKUP module with: place: hospital name from RH21 directory: AHA If LOOK-UP module returned "Not found, interviewer added name and address", or "Not found, interviewer unable to add name and address", or "Found, hospital does not have a SNF wing", classify as hospital stay and go to BOX RH24, Else, LOOK-UP module returned, "Found, hospital does have a SNF wing", go to RH25.

RH24 and BOX RH16 omitted.

RH25

      Was {SP} staying in a SNF wing or SNF unit of {HOSPITAL NAME FROM RH21}?

              YES 1
              NO 0
              DK .... -8
              RF .... -7

STAY.SNFWING

BOX RH17	If RH25 = "1," classify as eligible LTC stay. Otherwise, classify as hospital stay. Go to BOX RH24.

STAY.STAYCLAS   **PLAC.NHPIFLAG**

RH25A omitted.

BOX RH17A and RH25B omitted.

OTHER PLACE QUESTIONS

RH25A omitted.

RH26 omitted.

BOX RH18	If PLACKIND = 1, 2, or 7, classify as eligible LTC stay, set flag to search on NHPI if not previously searched, and go to BOX RH24. If PLACKIND = 5 or 91, classify as community stay and go to RH30. Else, if PLACKIND = 3, go to RH27.

RH27

Was {she/he} staying in a nursing wing, nursing unit, assisted living unit, or personal care unit of {PLACE NAME FROM RH21}?

YES.. 1
NO 0
DK.. -8
RF .... -7

STAY.NURWING

BOX RH19	If RH27 = 1, classify as eligible LTC stay, set flag to search on the NHPI if not previously searched, and go to BOX RH24. Otherwise, go to RH29.

STAY.STAYCLAS   **PLAC.NHPIFLAG**

RH28 omitted.

RH29

Was {she/he} staying in a private home or apartment at {PLACE NAME FROM RH21}?

YES 1
NO 0
DK .... -8
RF .... -7

STAY.PRIVHOME

BOX RH21	If RH29 =1, classify as community stay and go to RH30. Else, classify as eligible LTC stay and go to Box RH24.

STAY.STAYCLAS   **PLAC.RHPLACTY**

RH30
If coming from pre-stay, display "lived." Display as choice list, with categories for "DON'T KNOW" and "REFUSED" at bottom of list.

RH30

Who {lives/lived} with {her/him} there?

SELECT ALL THAT APPLY.

1. ALONE
2. SPOUSE
3. DAUGHTER
4. SON
5. MOTHER
6. FATHER
7. SISTER
8. BROTHER
9. DAUGHTER-IN-LAW
10. SON-IN-LAW
11. GRANDDAUGHTER
12. GRANDSON
13. NIECE
14. NEPHEW
15. FRIEND
16. NURSE/AIDE
17. BOARDER
18. GUARDIAN
91. OTHER FEMALE RELATIVE, SPECIFY
92. OTHER MALE RELATIVE, SPECIFY
93. OTHER NONRELATIVE, SPECIFY

{How many {PLURAL FORM OF RELATIONSHIP CODE} {live/lived} there? (   )}

LIVE.LALONE   .LBROT   .LBROTN   .LFRIE   .LFRIEN
.LSPOUSE   .LDLAW   .LDLAWN   .LNURS
.LDAUG   .LDAUGN   .LSLAW   .LSLAWN   .LBOAR
.LSON   .LSONN   .LGDAU   .LGDAUN   .LGUAR
.LMOM   .LGSON   .LGSONN   .LOFR   .LOFROS .LOFRN
.LDAD   .LNEIC   .LNEICN   .LOMR   .LOMROS .LOMRN
.LSIS   .LSISN   .LNEPH   .LNEPHN   .LONR   .LONROS .LONRN

PROGRAMMER SPECS:
If code 3, 4, 7-15, or 91-93 entered, overlay {How many {PLURAL FORM OF RELATIONSHIP CODE} {live/lived} there? (   )}. If attempt to enter "1" or "DK" or "RF" and any other code, display message: "You may not select any other person if {ALONE/DK/RF} selected." and return to choice list.
Soft range: 1-12. Hard range: 1-99.

RH31
If coming from pre-stay, display "Did" and "was".

RH31

When there, {does/did} {SP} receive help with home health services from someone who {is/was} paid?

YES... 1
NO 0
DK... -8
RF .... -7

PRESS F1 FOR DEFINITION OF PAID HOME HEALTH SERVICES.

STAY.PAIDHELP

RH32 - RH34, BOX RH22 - BOX RH23 omitted.

BOX RH24	If coming from pre-stay, go to RH44A. Else, go to RH12.

RH35 omitted.

RH36 moved to after BOX RH31.

RH37-38 omitted.

BOX RH25 omitted.

BOX RH26 omitted.

RH39 - RH42 omitted.

PRE-STAY ITEMS

BOX RH26A	If current stay includes 1/1/{CURRENT YEAR} or is Shift/5, go to RH11B. If first time here, go to RH43PRE. Otherwise, go to RH44.

RH43PRE

Now, I would like to ask you about the places where {SP} stayed before {she/he} came to {FACILITY} on {FAD} including staying in a hospital.

PRESS ENTER TO CONTINUE.   (RH44)

PROGRAMMER SPECS:
Disallow CTRL/E on RH43PRE.

RH44
On the first time RH44 is asked for this SP, display:
    {FACILITY} if facility has no special care or affiliated units, or [FAD UNIT] if there are facility units.
On subsequent times RH44 is asked for this SP, display {PLACE FROM RH21} and {DATE FROM RH44A}.

Display current Timeline.

RH44

Do you know where {SP} stayed immediately before {she/he} came to {FACILITY/FAD UNIT/PLACE FROM RH21} on {FAD/DATE FROM RH44A}?

                    YES..   1   (RH21)
                    NO   0   (RH45)

STAY.KNOWPRE

PROGRAMMER SPECS:
Disallow DK and RF. If DK or RF entered, display message: "IF RESPONDENT DOESN'T KNOW OR REFUSES, CODE NO."

RH44A
Display current Timeline/Stay Roster.

RH44A

When did {she/he} start staying at {PLACE NAME FROM RH21}?
PROBE FOR YEAR.
IF R NEVER WILL KNOW YEAR, ENTER SHIFT/5 IN MONTH.

MONTH (　) DAY (　) YEAR 19(　)　(BOX RH26B)

STAY.STAYSTRT　.STAYSYY　　.STAYSMM　　.STAYSDD

PROGRAMMER SPECS:
Hard range for year: 1900-today.
If date entered is on or after the FAD, display message "Date must be before {FAD}. Please re-enter."

Else, for all SPs, if date entered is after earliest known or partially known start date, display message: "Date must not be after {MOST RECENT KNOWN OR PARTIALLY KNOWN START DATE}. Please re-enter."

For instance, if the previous start date is 3/1, the current start date must not be on or after 3/1. If the previous start date is DK/DK, and the start date before that is 2/15, the current start date must not be on or after 2/15. If the previous start date is 3/DK, and the start date before that is DK/DK, and the start date before that is 3/8, then the current start date must not be on or before 3/8.

Else, for all SPs, if date is before date of birth, display hard range error message: "Date must be on or after date of birth ({mm/dd/yy}). Please re-enter."

BOX RH26B	If date in RH44A is on or before 1/1/{YEAR}, go to RH11B. Else, go to BOX RH26A.

RH45

Please tell me the name and title of someone in {FACILITY} who could give me that information.

RECORD RESPONDENT INFORMATION ON PAPER FROG.

PRESS ENTER TO CONTINUE.   (RH11B)

RH46 omitted.

RH47 omitted.

NHPI LOOKUP

BOX RH27

All SPs come through this box after timeline data is collected to search flagged places on the NHPI. If the place was searched in previous rounds, no NHPI needs to be done; only places newly identified are flagged for searching the NHPI.

BOX RH27	If there are no places to search on the NHPI, go to BOX RH31 (tracing contact). Otherwise, go to LOOKPRE.

NHPIPRE

If number of places for this SP with flag set to search NHPI=1, display "the." Else, display the number. If number=1, display "place"; otherwise, display "places."

LOOKPRE

      Now I need to look up the {NUMBER/the} {place/places} you told me about.

      PRESS ENTER TO CONTINUE.

BOX RH28	Call LOOKUP module with:
	    place: next place flagged to search NHPI
	    directory: NHPI

BOX RH29	Go to BOX RH27.

BOX RH29A omitted.

TRACING CONTACT

BOX RH31	If SP is alive and not a resident of an eligible or ineligible LTC unit of facility, go to RH36. Otherwise, go to RHEND.

RH36
For {DISCHARGE PLACE}, display the place to which SP was most recently discharged.

RH36

    Earlier you told me {SP} had been discharged to {DISCHARGE PLACE}.

    Was {SP} formally discharged from {FACILITY/UNIT} for the stay at {LAST PLACE NAME FROM RH21} that began on {LAST DATE FROM RH13}?

            YES 1
            NO 0
            DK .... -8
            RF .... -7

    PRESS F1 FOR DEFINITION OF FORMAL DISCHARGE

HIRO.FORMDIS

RH48
For {DISCHARGE PLACE}, display the place to which SP was most recently discharged.

RH48

    Please tell me the name, address, and telephone number of someone we could contact to keep track of {SP} at {DISCHARGE PLACE}.

            CONTACT NAME
            STREET ADDRESS
            CITY, STATE, ZIP CODE
            (AREA CODE) TELEPHONE NUMBER

HIRO.CONTNAME   .CONTSTAT   .CONTLOCL
    .CONTADDR   .CONTZIP
    .CONTCITY   .CONTAREA
            .CONTEXCH

PROGRAMMER SPEC:
If DK or RF entered in contact name field go to RHEND, otherwise go to RH49.

RH49

If coming from pre-stay, display "lived." Display as choice list, with categories for "DON'T KNOW" and "REFUSED" at bottom of list.

RH49

What is the relationship of {CONTACT NAME FROM RH48} to {SP}?

SELECT ONE.

1.	SP	8.	BROTHER	15.	FRIEND/NEIGHBOR
2.	SPOUSE	9.	DAUGHTER-IN-LAW	16.	NURSE/NURSE'S AIDE
3.	DAUGHTER	10.	SON-IN-LAW	17.	BOARDER
4.	SON	11.	GRANDDAUGHTER	18.	GUARDIAN
5.	MOTHER	12.	GRANDSON	91.	OTHER FEMALE RELATIVE, SPECIFY
6.	FATHER	13.	NIECE	92.	OTHER MALE RELATIVE, SPECIFY
7.	SISTER	14.	NEPHEW	93.	OTHER NONRELATIVE, SPECIFY
				-8.	DK
				-7.	RF

**HIRO.CONTREL
.CONTREOS**

BOX RH32 omitted.

BOX RH33 omitted.

RH50 omitted.

RHEND

YOU HAVE COMPLETED Residence History FOR THIS SP. THANK RESPONDENT AND PRESS ENTER TO RETURN TO THE NAVIGATION SCREEN.

RHENDB

YOU MUST TRACE THIS SP, PROBE FOR OTHER NURSING HOMES IN THE AREA AND FOR NAME CHANGES FOR THIS NURSING HOME. THANK R AND PRESS ENTER TO RETURN TO THE NAVIGATION SCREEN.

	FUNCTIONAL SPECIFICATIONS FOR THE DIRECTORY LOOKUP The directory lookup is designed as a standalone module that can be called from the Facility Questionnaire, the Residence History, or any other instrument that needs to search for a place on a directory such as the HPI or a hospital list. **Input.** The directory lookup module requires a place name to look up, and the name of the directory. **Output.** The directory lookup module returns to the calling instrument: 1. A return code signifying the outcome of the directory lookup. 2. If the place was found, the name, address, city, state, zip code, and phone number. 3. If the place was found, an ID number that uniquely identifies the place on the directory. For the NHPI directory, this means the NHPI ID. For the hospital directory, this means the AHA ID. The hospital directory must also return variables indicating whether the hospital had a SNF wing, and whether this AHA entry was also stored on the NHPI. The directory lookup module returns to the calling instrument the required information from the directory, and a return code signifying the outcome of the lookup. Required information includes the name, street address, city, state, zip code, telephone number up to two identifying numbers. The return value has the following codes: 1 = The directory lookup produced a match acceptable to the interviewer. 2 = The directory lookup produced no acceptable matches, and the interviewer entered the name and address information. 3 = The directory lookup produced no acceptable matches, and the interviewer was unable to enter the name and address information. **Processing.** 1. Interviewer enters search criteria of choice (pressing enter through fields not to be used), including place name, address, city, state, zip code, or phone number. Interviewer may use wildcards in the place name. 2. The directory is searched for matches to those criteria. For testing and training purposes, the NHPI and AHA directories contain "dummy" entries. If the current case is a testing or training case, search for <u>all</u> matches (including the "dummy" entries). Otherwise, search for matches only with non-dummy directory entries. 3. If any matches, present matches in a choice list. If interviewer selects, return required information (and return code = 1) to calling program. 4. Otherwise, if there are no matches or if the interviewer does not want to select a place from the matched places, offer option to respecify search criteria and repeat search, or to add place, or to mark as having insufficient information.

LOOK1

[Earlier you told me about some long-term care places.]
Now I'd like to search for {PLACE NAME} on the list in my computer.

ON WHICH FIELDS DO YOU WISH TO SEARCH THE NATIONAL HEALTH PROVIDER INVENTORY?

PRESS F2 FOR ALSO KNOWN AS NAMES.

ENTER FIELDS TO SEARCH.

PLACE NAME : _____

ADDRESS : _____

CITY : _____

STATE : ___

ZIP CODE : _____

PHONE : (_____) _____

PRESS F1 FOR STATE ABBREVIATIONS.

PROGRAMMER SPECS:
Disallow hyphens in the phone number field.
Disallow DK and RF in any field.
Interviewer must enter the state abbreviation; if interviewer attempts to enter a missing or invalid state abbreviation, display message: "You must enter a valid state abbreviation." In addition to the state, there must be at least one other search criterion specified; if no other criterion specified, display message: "You must specify one search field other than state. Please re-enter."

BOX LOOKUP2	Search the directory for the criteria entered in LOOK1. If search returns no matches, go to LOOK2. Otherwise, go to LOOK4.

LOOK2. For those fields entered in LOOK1, display the search criteria as entered by the interviewer. Otherwise, display "NOT SEARCHED."

LOOK2

THE FOLLOWING INFORMATION DID NOT MATCH ANY ENTRIES IN THE NATIONAL HEALTH PROVIDER INVENTORY.

PLACE NAME: {NOT SEARCHED/CRITERION FROM LOOK1}
ADDRESS: {NOT SEARCHED/CRITERION FROM LOOK1}
CITY: {NOT SEARCHED/CRITERION FROM LOOK1}
STATE: {NOT SEARCHED/CRITERION FROM LOOK1}
ZIP CODE: {NOT SEARCHED/CRITERION FROM LOOK1}
PHONE: {NOT SEARCHED/CRITERION FROM LOOK1}

SEARCH AGAIN...1 (LOOK1)
COLLECT ADDRESS INFORMATION FOR THIS PLACE 2 (LOOK3)
UNABLE TO COLLECT ADDRESS INFORMATION FOR THIS PLACE ....3 (BOX LOOKUP5)

PROGRAMMER SPECS:
Disallow DK and RF.

LOOK3

Display the search criteria as entered by the interviewer in LOOK3; display blank if no criterion entered for a particular field.
In question text:

> If any element of address <u>AND</u> any element of phone number not entered in LOOK1, display "Please tell me"
> and "address and phone number."
> Else if any element of address not entered in LOOK1, display "Please tell me" and "address."
> Else if any element of phone number not entered in LOOK1, display "Please tell me" and "phone number."
> Otherwise, display "Let me verify" and "address and phone number."

LOOK3

{Please tell me/Let me verify} the {address/phone number/address and phone number} for {PLACE NAME}.
PRESS ENTER TO ACCEPT PREVIOUSLY-ENTERED ITEMS.

PLACE NAME : {CRITERION FROM LOOK1/_____}

ADDRESS : {CRITERION FROM LOOK1/_____}

CITY : {CRITERION FROM LOOK1/_____}

STATE : {CRITERION FROM LOOK1/_____}

ZIP CODE : {CRITERION FROM LOOK1/_____}

PHONE : {CRITERION FROM LOOK1/_____}

IS THIS CORRECT?

NO.. 0
YES.. 1

PRESS F1 FOR STATE ABBREVIATIONS.

PLAC.PLACNAME ADDR.ADDRNAME .ADDRCITY .ADDRZIP .ADDREXCH
.ADDRESS .ADDRSTAT .ADDRAREA .ADDRLOCL

PROGRAMMER SPECS:

Allow the interviewer to press <Enter> to accept a previously-entered field; if <Enter> attempted on blank field, display
message "You must enter a value for this field" and return to same item. When all search fields have been entered, display
new values, remove input fields and verify if correct. If yes, go to BOX LOOK3. Otherwise, show new input fields under each
of the search items and repeat LOOK3.
Disallow hyphens in phone number field.

BOX LOOKUP3	Set return code to 2 to indicate place was searched on LOOK1, not found, and added. The data entered in LOOK3 will be returned to the calling module. Go to BOX LOOKUP6.

LOOK4

In question text, display number of matches for "{NUMBER}". Then display the original place name as sent over from the calling module. Display the place names of all directory matches in a matrix (one row for each matched place name). Below this matrix, display the full name, address, and phone number for the place the highlight bar is currently on.

LOOK4

    PLACE: {ORIGINAL PLACE NAME}

    THE DIRECTORY HAS MATCHED YOUR SEARCH WITH THE FOLLOWING {NUMBER} PLACES:

    PRESS F2 FOR ALSO KNOWN AS NAMES.

    TO SELECT A PLACE, USE ARROW KEYS, PRESS ENTER, PRESS ESC. IF NONE OF THESE IS THE CORRECT PLACE, PRESS ESC.

    (LIST OF MATCHED PLACES IN MATRIX)

                PLACE NAME : {PLACE}
                   ADDRESS : {ADDRESS}
                       CITY : {CITY}
                    STATE : {STATE}
              ZIP CODE : {ZIP}
                    PHONE : ({AREA CODE} {PHONE})

ADDR.ADDRNAME	.ADDRCITY	.ADDRZIP	.ADDREXCH	PLAC.PLACNAME	.PLACNHPI	.PLACAHA
.ADDRESS	.ADDRSTAT	.ADDRAREA	.ADDRLOCL	.NHPIFLAG	.AHAFLAG	.AHASNF
				.NHPISTAT	.AHASTAT	.AHANHPI

PROGRAMMER SPECS:

If matched place is selected (<Enter> pressed), go to BOX LOOK4. Otherwise (<Escape> pressed), overlay categories:

      SEARCH AGAIN..1 (LOOK1)
      COLLECT ADDITIONAL ADDRESS INFORMATION FOR THIS PLACE 2 (LOOK3)
      UNABLE TO COLLECT ADDRESS INFORMATION FOR THIS PLACE ....3 (BOX LOOKUP5)

Disallow DK and RF.

BOX LOOKUP4	Set return code to 1 to indicate place name searched and found. The data selected in LOOK4 will be returned to the calling module. Go to BOX LOOKUP6.

BOX LOOKUP5	Set return code to 3 to indicate place has insufficient information to search or add. No other data will be returned to calling module. Go to BOX LOOKUP6.

BOX LOOKUP6	RETURN TO CALLING MODULE.

MISSING DATA RETRIEVAL

OVERALL PROGRAMMING SPECIFICATIONS:

All of the overall programming specifications specified in the RH Questionnaire are applicable in the RH Missing Data Module.

After entering a response to the last screen in RH missing data, the cursor returns to the Navigate Screen if no more missing data. Otherwise, return to RH_MISS.

BOX RHMD1	If RH6 = -8 or -7, collect sex; If RH7 = -8 or -7, collect vital status; If RH8 = -8 or -7, collect date of death; If RH9 = -8 or -7 in year, collect date of birth and RH10 = DK (-8) or RF (-7); *Design note: The next paragraph is designed to use the same logic as Box RHMD26A to determine whether or not to collect any more pre-stay data in Missing Data mode.* If SP = SSM, start with the FAD stay and move backward in time through the stays until you determine that missing data is not needed. If the current stay is shift/5, missing data is not needed. If there are more stays to evaluate, go to next previous stay. Otherwise, collect missing pre-stay data. Timeline: If RH13 is missing data, collect missing data.

RH_MISS

MISSING DATA

WHAT WOULD YOU LIKE TO DO NEXT?

(___)

    0.   RETURN TO NAVIGATE SCREEN

    1.   RETRIEVE RH MISSING DATA (RH_MISS1)

TEMP.VAL

RH_MISS1

Display the current stay roster. If RH6 is DK (-8) or RF (-7), display "RH6 SP'S SEX"; if RH7 is DK (-8) or RF (-7), display "RH7 SP IS ALIVE?"; if RH8 is DK (-8) or RF (-7), display "RH8 SP'S DATE OF DEATH"; if RH9 is DK (-8) or RF (-7) and RH10 is DK (-8) or RF (-7), display "RH9 SP'S DATE OF BIRTH"; if RH44 = NO (0), display "RH44 PLACE WHERE SP STAYED BEFORE COMING TO {FACILITY}"; if dates are missing from RH44A, display "RH44A DATE FOR PLACE SP WAS BEFORE COMING TO {FACILITY}"; if any dates are missing from RH13, display RH13 DATE FOR PLACE SP WAS IN {YEAR}".

RH_MISS1

      THE FOLLOWING ITEMS ARE MISSING FROM RH.

      CONFIRM THAT RESPONDENT CAN ANSWER AT LEAST ONE ITEM.

{RH6	SP'S SEX}
{RH7	SP IS ALIVE?}
{RH8	SP'S DATE OF DEATH}
{RH9	SP'S DATE OF BIRTH}
{RH44	PLACE WHERE SP STAYED BEFORE COMING TO {FACILITY}}
{RH44A	DATE(S) FOR PLACE SP WAS BEFORE COMING TO {FACILITY}}
{RH13	DATE(S) FOR PLACE SP WAS IN {YEAR}}

      PRESS ENTER TO CONTINUE.

PROGRAMMER SPECS:

After pressing enter on RH_MISS1, the application should go to the respondent roster with the cursor on the first entry on the roster, RR1.

SAMPLE LAYOUT

RR1

RESPONDENT ROSTER

RR1 Name   RR2 Title

PROGRAMMER SPECS:

If coming to the Respondent Roster from RH_MISS1 and a name is not selected/added. <ESCAPE> from the roster should return to the missing data management screen (RH_MISS). If coming to the roster from RH_MISS1 and a name is selected/added, <ESCAPE> from the roster takes the interviewer to the first RH item flagged as missing.

BOX RHMD4	If sex is DK or RF, ask RHMD6. Otherwise, go to BOX RHMD5.

RHMD6

ASK IF NOT OBVIOUS.

Is {SP} male or female?

ENTER SHIFT/5 IF RESPONDENT NEVER WILL KNOW.

MALE 1
FEMALE... 2

HIST.RHSEX   **PERS.SEX**

BOX RHMD5	If vital status or date of death is DK or RF, go to RHMD7. Otherwise, go to BOX RHMD8.

RHMD7

Is {SP} alive?

ENTER SHIFT/5 IF RESPONDENT NEVER WILL KNOW. (BOX RH7)

YES.. 1   (BOX RHMD7)
NO.. 0   (RHMD8)
DK .... -8   (BOX RHMD7)
RF .... -7   (BOX RHMD7)

HIST.RHALIVE   **PERS.ALIVE**   **HIRO.ALIVERND**

RHMD8

On what date did {SP} die?

IF RESPONDENT ANSWERS "DK," PROBE: "Do you know what month {SP} died?"

ENTER SHIFT/5 IF RESPONDENT NEVER WILL KNOW.

MONTH ( )   DAY ( )   YEAR ( )

PROGRAMMER SPECS:

If SP TYPE = CFC, FFC, FCF, or SSM2 and date entered is before {FAD/RAD}, display message: "Date must be on or after {FAD/RAD}. Please re-enter."

If SP TYPE = SSM and date entered is before 1/1/{YEAR}, display message: "Date must be on or after January 1, {YEAR}. Please re-enter."

Else round = 19 or above and if SP TYPE = CFR, and date entered is before the end of previous round reference period, display message: "Date must be on or after {PREVIOUS ROUND END OF REFERENCE PERIOD}. Please re-enter."

Else, for all SPs, if Date of Birth is known, perform hard range edit to ensure that Date of Death in RH8 is on or after Date of Birth; if error, display message: "Date of death must be on or after date of birth (mm/dd/yy). Please re-enter."

HIST.RHDODYY   .RHDODMM   .RHDODDD   .RHDOD
PERS.DODYY   .DODMM   .DODDD   .DOD

BOX RHMD6	If day is DK or RF, set Date of Death to last day of month. Go to BOX RHMD8.

PERM.RHREFBYY   .HREFBMM   .RHREFBDD   .RHREFBEG
PERM.RHREFEYY   .HREFEMM   .RHREFEDD   .RHREFEND

BOX RHMD8	If date of birth DK or RF go to RHMD9; otherwise, go to BOX RHMD9A.

RHMD9

What {is/was} {SP's} date of birth?

ENTER A 4-DIGIT YEAR.

MONTH ( )   DAY ( )   YEAR (   )

HIST.RHDOBYY   .RHDOBMM   .RHDOBDD   .RHDOB
PERS.DOBYY   .DOBMM   .DOBDD   .DOB

PROGRAMMER SPECS:
Hard range for year is 1870-{CURRENT YEAR MINUS TWO YEARS}.
Perform hard range edits to ensure that Date of Birth in RHMD9 is before FAD/RAD/January 1, {YEAR}; if error, display
message: "Date of Birth must be before {FAD/RAD/January 1, {YEAR}}. Please re-enter."

BOX RHMD9	If year of birth is DK or RF, go to RHMD10. Otherwise, go to BOX RHMD9A.

RHMD10

Approximately how old {is/was} {SP}?

ENTER SHIFT/5 IF RESPONDENT NEVER WILL KNOW.

APPROXIMATE AGE IN YEARS (   )

HIST.RHAGE   PERS.AGE

PROGRAMMER SPECS:
Hard range is 2-125.

BOX RHMD9A	If any remaining dates are missing from pre-stay, or any remaining stays have prior place = NO, go to BOX RHMD10. Else, if any remaining dates are missing from timeline, go to RHMD13. If any missing data return to RH_MISS. Else, go to RHMDEND.

PRE-STAY ITEMS

BOX RHMD10	Pre-stay. Start with FAD. Check for stay prior to FAD. If no stay prior to FAD, go to RHMD43PRE. If stay prior to FAD, loop backwards examining stay dates. If date missing go to RHMD44A and collect date. Else go to BOX RHMD9A.

RHMD43PRE

Now, I would like to ask you about the places where {SP} stayed before {she/he} came to {FACILITY} on {REF DATE} including staying in a hospital.

PRESS ENTER TO CONTINUE.   (RHMD44)

RHMD44
On the first time RHMD44 is asked for this SP, display:
      {FACILITY} if facility has no special care or affiliated units, {FAD UNIT} if there are facility units.
On subsequent times RHMD44 is asked for this SP, display {PLACE FROM RH21} and {DATE FROM RH44A}.

Display current Timeline.

RHMD44

Do you know where {SP} stayed immediately before {she/he} came to {FACILITY/FAD UNIT/PLACE FROM RH21} on {FAD/DATE FROM RH44A}?

ENTER SHIFT/5 IF RESPONDENT NEVER WILL KNOW. (BOX RHMD9A)

         YES 1   (RH21)
         NO 0   (RHMD45)

STAY.KNOWPRE

PROGRAMMER SPECS:
Disallow DK and RF. If DK or RF entered, display message: "IF RESPONDENT DOESN'T KNOW OR REFUSES, CODE NO."

RHMD44A
Display current Timeline/Stay Roster. If coming from RH21A, display "ENTER COMPLETE DATE FROM ADMISSIONS LIST" as an interviewer instruction.

RHMD44A

When did {she/he} start staying at {PLACE NAME FROM RH21}?
PROBE FOR YEAR.
ENTER SHIFT/5 IN MONTH IF R NEVER WILL KNOW YEAR.

MONTH (   ) DAY (   ) YEAR 19(   )   (BOX RHMD10)

STAY.STAYSMM   .STAYSDD   .STAYSYY   .STAYSTRT

PROGRAMMER SPECS:
If date entered is on or after the FAD, display message "Date must be before {FAD}. Please re-enter."

Else, for all SPs, if date entered is after earliest known or partially known start date, display message: "Date must not be after {MOST RECENT KNOWN OR PARTIALLY KNOWN START DATE}. Please re-enter."

For instance, if the previous start date is 3/1, the current start date must not be on or after 3/1. If the previous start date is DK/DK, and the start date before that is 2/15, the current start date must not be on or after 2/15. If the previous start date is 3/DK, and the start date before that is DK/DK, and the start date before that is 3/8, then the current start date must not be on or before 3/8.

Else, for all SPs, if date is after date of birth, display hard range error message: "Date must be on or after date of birth ({mm/dd/yy}). Please re-enter."

RHMD45

Please tell me the name and title of someone in {FACILITY} who could give me that information.

RECORD RESPONDENT INFORMATION ON PAPER FROG.

PRESS ENTER TO CONTINUE.   (BOX RHMD9A)

DATE

RHMD13
Display the first place in chronological order where the SP is staying with the leave date missing. Subsequently, display the next place in chronological order where the SP is staying with the leave date missing. Continue until all places with missing dates have been displayed.
Display current Timeline/Stay Roster.

START DATE: {START DATE}

RHMD13

When did {SP} leave {CURRENT PLACE}?

MONTH (   )   DAY (   )   YEAR (1996)

ASK RESPONDENT FOR NAME OF PLACE AND CTRL/K TO ENTER IN COMMENTS.

STAY.STAYEMM   .STAYEDD
**   .STAYEYY   .STAYEND**

PROGRAMMER SPECS:
If SP TYPE = CFC, SSM2, FCF, or FFC and date entered is before the {FAD/RAD}, display message: "Date must be on or after {FAD/RAD}. Please re-enter."

If SP TYPE = SSM1, if date entered is before 1/1/{YEAR}, display message: "Date must be on or after January 1, {YEAR}. Please re-enter."

If SP TYPE = CFR and round = 19 or higher, if date entered is before the end of the previous round reference end date, display message: "Date must be on or after {END OF PREVIOUS ROUND REFERENCE PERIOD}. Please re-enter."

Else, for all SPs, if date entered is after end of current round reference period, display message: "Date cannot be after {CURRENT ROUND END OF REFERENCE PERIOD}. Please re-enter."

Else, for all SPs, if date entered is on or before most recent known or partially known start date collected in this round, display message: "Date must be after {MOST RECENT KNOWN OR PARTIALLY KNOWN START DATE}. Please re-enter."

For instance, if the previous start date is 5/15, the current start date must not be on or before 5/15. If the previous start date is DK/DK, and the start date before that is 5/8, then the current start date must not be on or before 5/8. If the previous start date is 5/DK, and the start date before that is DK/DK, and the start date before that is 5/2, then the current start date must not be on or before 5/2.

Else, if CURRENT PLACE is hospital and stay is 30 days or longer, display soft range error message: "Unlikely Response. Hospital stay is {number of days} days. Please verify and re-enter."

BOX RHMD11	If RHMD13 date is missing or partially missing, go to RHMD14. Else go to BOX RHMD9A.

RHMD14

About how many nights did {she/he} spend there?

ENTER SHIFT/5 IF RESPONDENT NEVER WILL KNOW.

OF NIGHTS   (   ) (BOX RHMD9A)

STAY.STAYNITE .STAYEND   .STAYEYY   .STAYEMM   .STAYEDD

PROGRAMMER SPECS:

If RH14 is greater than the maximum allowable number of nights, as calculated from the partial data in RH13 and the current start date, display message "Number is greater than difference between {current start date} and {RH13 date}. Please reenter or back up to change dates."

Else, if RH14 is less than minimum allowable number of nights, as calculated from the partial data in RH13 and the current start date, display message "Number is less than difference between {current start date} and {RH13 date}. Please re-enter or back up to change dates."

If RH14 is neither DK nor RF, calculate the date for RH13, and perform the following edits.

If SP TYPE = CFC, SSM2, FCF, and FFC, and if date entered is before the {FAD/RAD}, display message: "Date must be on or after {FAD/RAD}. Please re-enter."

If SP TYPE = SSM, if date entered is before January 1, {YEAR}, display the message: "Date entered must be on or after January 1, {YEAR}. Please re-enter."

If SP TYPE = CFR and round = 19 or higher, if date entered is before the end of the previous round reference end date, display message: "Date must be on or after {END OF PREVIOUS ROUND REFERENCE PERIOD}. Please re-enter."

Else, for all SPs, if date entered is after end of current round reference period, display message: "Date cannot be after {CURRENT ROUND END OF REFERENCE PERIOD}. Please re-enter."

Else, for all SPs, if date entered is on or before most recent known or partially known start date collected in this round, display message: "Date must be after {MOST RECENT KNOWN OR PARTIALLY KNOWN START DATE}. Please re-enter."

For instance, if the previous start date is 5/15, the current start date must not be on or before 5/15. If the previous start date is DK/DK, and the start date before that is 5/8, then the current start date must not be on or before 5/8. If the previous start date is 5/DK, and the start date before that is DK/DK, and the start date before that is 5/2, then the current start date must not be on or before 5/2.

RHMDEND

YOU HAVE COMPLETED Residence History FOR THIS SP. THANK RESPONDENT AND PRESS ENTER TO RETURN TO THE NAVIGATION SCREEN.

PRESS ENTER TO CONTINUE.

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┌─────────┐
│ CARD    │
│ RH1     │
└─────────┘
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OTHER NURSING HOME OR REHAB CENTER:
Nursing homes are licensed or certified facilities that provide nursing services 24 hours a day to the residents. Rehabilitation centers provide skilled nursing care or rehabilitation services and other related health services.

PERSONAL CARE HOME OR RESIDENTIAL CARE FACILITY:
Personal care homes and residential care facilities or apartment buildings offer residents help with activities, such as bathing and dressing, but do not provide 24-hour nursing services. (Some residents at a residential care facility may not require such assistance, but it must be available to them.) These facilities are sometimes called assisted-living communities, personal care homes, board and care homes, or domiciliary homes.

CCRC OR RETIREMENT CENTER OR HOME:
CCRC and retirement centers or homes may have nursing home facilities on a campus along with other housing and services, such as apartments, board and care services, and often a variety of community-based long-term care services.

A HOSPITAL

A PRIVATE HOME OR APARTMENT

OTHER LTC FACILITY
Long-term care facilities provide a residence, some surveillance and available living assistance for persons no longer willing or able to live on their own for the long-term.

FACILITY RESIDENCE HISTORY HELP (F1) SCREENS

RH22

Residential care facilities offer help with activities such as bathing and dressing but do not provide 24-hour nursing services. Include assisted living communities, board and care homes, domiciliary homes, group homes, personal care homes, and homes for persons with mental illness or retardation.

RH31

Services provided by an agency or paid independent provider who comes to the person's home to provide medical care, personal care, or homemaker services due to a physical or mental health limitation or impairment. These services may be provided by nurses, therapists, homemakers, or home health aides.

RH36

A formal discharge is defined by the facility, i.e., whatever the facility defines as a formal discharge is a formal discharge. It may mean that the person is not charged even though the bed is held.

In some states, Medicaid requires a person be formally discharged whenever she goes to a hospital. Medicaid may reimburse the nursing home, usually an amount lower than the normal per diem rate during a hospital stay. There is usually a maximum number of days that Medicaid will reimburse, and this varies by state.