## NHATS Round 9

| Section | CP | $[$ COGNITION (PROXY)] |  |
| :--- | :---: | :---: | :---: |
| BOX CP1PRE | BOX CP1PRE | NOT ON FILE | Sequence: 16 |

```
If DECEASED flag = 1(YES) and NOTALERT flag = 1 (YES), go to Section DM - Duration of Mobility
Accommodations.
Else if DECEASED flag = 1(YES), go to CP1.
Else if PROXY flag = 1(YES), go to CP1PRE.
Otherwise, go to Section CG Cognition (SP).
```


## CP1PRE <br> CP1PRE <br> NOT ON FILE

QUESTION TEXT:
Part of this study is concerned with people's memory and ability to think about things.
PRESS 1 AND ENTER TO CONTINUE
CP1 cp9memrygood R9 CP1 HOW GOOD MEMRY AT PRESNT

## DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "Next, how would you rate $\{S P\}$ 's memory in the month before \{he/she\} died" and "was".
Otherwise, display "First, how would you rate \{SP\}'s memory at the present time".
DISPLAY "at the present time" IN BOLD UNDERLINED TEXT.

QUESTION TEXT:
\{First, how would you rate \{SP\}'s memory at the present time/Next, how would you rate \{SP\}'s memory in the month before \{he/she\} died\}? Would you say it \{is/was\} excellent, very good, good, fair, or poor?

CODES

1
2
3
4
5
POOR
REFUSED
DON'T KNOW
BOX CP2 BOX CP2 NOT ON FILE

```
If DECEASED flag = 1 (YES), go to Section MO - Mobility.
Else if the PERSON ROSTER MEMBER flagged as the CURRENT INT PROXY was flagged as the LAST
INT
PROXY, go to BOX CP3.
Else if IS9 = 30-37, or 92 (proxy is not a relative), go to CP2.
Otherwise, go to BOX CP3.
```

CP2 cp9knownspyr R9 CP2 KNOWN SP 4 AT LEAST A YR

DISPLAY INSTRUCTIONS:
Spell out month in question text (for example, display "March" rather than " 3 ")
QUESTION TEXT:
Have you known \{SP\} for at least 1 year, that is since \{CURRENT MONTH, YEAR - 1 year\}?

| CODES |  |
| :---: | :--- |
| 1 | YES |
| 2 | NO |
|  | REFUSED |
|  | DON'T KNOW |

$\mathrm{BOXCP} 3 \quad \mathrm{BOXCP} 3 \quad$ NOT ON FILE

If any of LAST INT CP3\{a-h\} = 3 (DEMENTIA, ALZHEIMERS REPORTED BY PROXY), go to CP4.
Otherwise, go to CP3.

## CP3PRE CP3PRE NOT ON FILE

## DISPLAY INSTRUCTIONS:

If the PERSON ROSTER MEMBER flagged as PROXY was flagged as LAST INT PROXY, display "in the last year".

Else if CP2 = 1 (known at least 1 year) or IS9 $=2-29,91$ (proxy is relative), display "in the last several years". Otherwise, display "since you have known \{him/her\}".

## QUESTION TEXT:

Now, l'd like to ask some questions about whether you have noticed any changes in $\{S P\}$ in the last year/in the last several years/since you have known \{him/her\}\} due to thinking or memory problems.

PRESS 1 AND ENTER TO CONTINUE

| CP3 | cp9chgthink1 | R9 CP3A SP DIFF REMEMBER DATE |
| :--- | :--- | :--- |
|  | cp9chgthink2 | R9 CP3B SP REPEATS SELF |
|  | cp9chgthink3 | R9 CP3C SP DIFF REMEMBER APPT |
|  | cp9chgthink4 | R9 CP3D SP CHNG INTRST ACT HOB |
|  | cp9chgthink5 | R9 CP3E SP DIFF WITH MONEY MGMT |
|  | cp9chgthink6 | R9 CP3F SP DIFF LEARNG USE TOOL |
|  | cp9chgthink7 | R9 CP3G SP PRBLMS WITH JDGMT |
|  | cp9chgthink8 | R9 CP3H SP DLY PRBLMS W THNK MEM |
|  | cp9dad8dem | R9 D DEMENTIA REPORTED IN PRIOR |

## DISPLAY INSTRUCTIONS:

Use "Same Question Stem" display.
If the PERSON ROSTER MEMBER flagged as CURRENT INT proxy was flagged as LAST INT proxy, display "in the last year".

Else If CP2 $=1$ (known at least 1 year) or $I S 9=2-29,91$ (proxy is relative), display "in the last several years". Otherwise, display "since you have known \{him/her\}".

Display the current response item text as a fill in the "IF NEEDED" statement.

If at CP3a, do not display question text in brackets.
Otherwise, display question text in brackets.
If at CP3a, display "first"
If at CP3b-CP3g, display "next"
If at CP3h, display "last"

QUESTION TEXT:
\{[\}I'll read some statements about \{him/her\}. If there has been a change \{in the last year/in the last several years/since you have known \{him/her\}\} caused by \{his/her\} thinking or memory problems, please say "Yes." Otherwise say "No."\{]\}

The $\{$ first/next/last $\}$ item is....
\{variable text [a-h]\}

IF NEEDED: Has there been a change caused by a thinking or memory problem in \{variable text $[\mathrm{a}-\mathrm{h}]\}$ ?
RESPONSE [1] a. remembering the month or year
RESPONSE [2] b. repeating questions, stories, or statements
RESPONSE [3] c. amount of difficulty remembering appointments
RESPONSE [4] d. amount of interest in hobbies or activities
RESPONSE [5] e. amount of difficulty handling money matters like balancing a checkbook or paying bills
RESPONSE [6] f. amount of trouble learning how to use a tool, appliance or gadget, for example a TV remote control or microwave
RESPONSE [7] g. problems with judgment, for example falling for scams or buying inappropriate gifts
RESPONSE [8] h. daily problems with thinking or memory
CODES

1
2
3

YES, A CHANGE
NO, NO CHANGE
DEMEMTIA/ALZHEIMER'S REPORTED BY PROXY
REFUSED
DON'T KNOW

## PROGRAMMER INSTRUCTIONS:

Array the responses and variable text columns in the panel.
Display 'variable text' in the a-h sequence until all rows have been displayed
CP4
cp9memcogpr1
R9 CP4A LOST IN FAMILIAR ENVIRON
cp9memcogpr2
Rg CP4B SP WANDERD OFF NO RETRN
cp9memcogpr3
R9 CP4C SP ABLE LEFT ALONE 1 HR
cp9memcogpr4
R9 CP4D SP HEARS SEES THNGS

## DISPLAY INSTRUCTIONS:

Use "Same Question Stem" display
If at CP4a, do not display question text in brackets
Otherwise display question text in brackets

QUESTION TEXT:
$\{[ \}$ I have a few other questions. In the last year... $]\}$
\{variable text[a-d]\}
RESPONSE[1] a. did \{he/she\} ever get lost in a familiar environment?
RESPONSE[2] b. did \{he/she\} ever wander off and not return by \{himself/herself\}?
RESPONSE[3] c. was \{he/she\} able to be left alone for an hour or so?
RESPONSE[4] d. did\{he/she\} hear or see things that were not really there?
CODES

| 1 | YES |
| :--- | :--- |
| 2 | NO |
|  | REFUSED |

## DON'T KNOW

PROGRAMMER INSTRUCTIONS:
Array the responses and variable text columns in the panel
Display "variable text" in the a-d sequence until all rows have been displayed
GO TO SECTION CG - COGNITION (SP)

| Derived Variables From Items in CP Section |  |
| :--- | :--- |
| cp9dad8dem | R9 D DEMENTIA REPORTED IN PRIOR AD8 |

