
NHATS Round 1

Section CG [COGNITION (SP)]

Sequence: 18

BOX CG1PRE

BOXCG1PRE

NOT ON FILE

If PROXY flag = 1 (yes), go to CG1APRE.
Otherwise, go to CG2PRE.

CG1APRE

CG1APRE

NOT ON FILE

QUESTION TEXT:

There are a few questions that I would like to ask {SP} so that the study can better understand memory in people {his/her} age. Some may be hard to answer, but it is important to the study that we ask these.

PRESS 1 AND ENTER TO CONTINUE

CG1A

cg1speaktosp

R1 CG1A MAY SPEAK TO SP ASK QUES

QUESTION TEXT:

May I speak to {SP} and ask {him/her} a few questions?

CODES

1	YES	
2	NO	CG1d

CG1B

CG1B

NOT ON FILE

QUESTION TEXT:

IF SP IS NOT IN THE ROOM, ASK PROXY TO HAVE {SP} JOIN YOU

IF/WHEN SP IS IN THE ROOM, PRESS 1 AND ENTER TO CONTINUE

CG1C

cg1quesremem

R1 CG1C START W QUES ABOUT MEMRY

QUESTION TEXT:

I will start with a question about memory. Does that sound OK?

CODES

1	YES	CG6PRE
2	NO	
	REFUSED	
	DON'T KNOW	

CG1D

cg1reascano1 R1 CG1D SP CANT ANS DEMENTIA
cg1reascano2 R1 CG1D SP CANT ANS UNABLE SPEAK
cg1reascano3 R1 CG1D SP CANT ANS UNABLE HEAR
cg1reascano4 R1 CG1D SP CANT ANS SP REFUSED
cg1reascano5 R1 CG1D SP CANT ANS PROXY REFUSD
cg1reascano6 R1 CG1D SP CANT ANS NOT PRESENT (from CG1e)
cg1reascano7 R1 CG1D SP CANT ANS SP TOO ILL (from CG1e)
cg1reascano8 R1 CG1D SP CANT ANS LANG BARRIER (from CG1e)
cg1reascano9 R1 CG1D SP CANT ANS OTHR SPECIFY

QUESTION TEXT:

What is the main reason you feel (you/he/she) cannot answer questions about memory?

SELECT ALL THAT APPLY

CODES

Code All That Apply

1	SP HAS DEMENTIA/ALZHEIMER’S/NOT ABLE	GO TO MO
2	SP IS UNABLE TO SPEAK	GO TO MO
3	SP IS UNABLE TO HEAR	GO TO MO
4	SP REFUSED	GO TO MO
5	PROXY REFUSED	GO TO MO
91	OTHER (SPECIFY)	

CG1E

CG1E

NOT ON FILE

QUESTION TEXT:

SPECIFY THE OTHER REASON SP CANNOT ANSWER QUESTIONS ABOUT MEMORY

ENTER TEXT

Length

255

PROGRAMMER INSTRUCTIONS:

Go to Section MO Mobility.

CG2PRE

CG2PRE

NOT ON FILE

QUESTION TEXT:

The next few questions are about people’s memory and ability to think about things. It is important for the study to better understand memory in people as they age.

PRESS 1 AND ENTER TO CONTINUE

CG2

cg1ratememry

R1 CG2 RATE YOUR MEMORY

DISPLAY INSTRUCTIONS:

Display "at the present time" in bold underlined text.

QUESTION TEXT:

First, how would you rate your memory at the present time? Would you say it is excellent, very good, good, fair, or poor?

CODES

- 1 EXCELLENT
- 2 VERY GOOD
- 3 GOOD
- 4 FAIR
- 5 POOR
- REFUSED
- DON'T KNOW

BOX CG3

BOXCG3

NOT ON FILE

If CG2=1 (excellent) or 2 (very good), go to CG4.
Otherwise, go to CG3.

CG3

cg1ofmemprob

R1 CG3 OFTN MEMRY PROBS INTERFER

QUESTION TEXT:

SHOW CARD CG1

In the last month, how often did memory problems interfere with your daily activities? Would you say every day, most days, some days, rarely, or never?

CODES

- 1 EVERY DAY (7 DAYS A WEEK)
- 2 MOST DAYS (5-6 DAYS A WEEK)
- 3 SOME DAYS (2-4 DAYS A WEEK)
- 4 RARELY (ONCE A WEEK OR LESS)
- 5 NEVER
- REFUSED
- DON'T KNOW

CG4

cg1memcom1yr

R1 CG4 MEMRY COMPARD TO 1 YR AGO

DISPLAY INSTRUCTIONS:

Display "1 year ago" in bold underlined text.

QUESTION TEXT:

SHOW CARD CG2

Compared to 1 year ago, would you say your memory is much better now, better now, about the same, worse now, or much worse now than it was then?

CODES

- 1 MUCH BETTER
- 2 BETTER
- 3 SAME
- 4 WORSE
- 5 MUCH WORSE
- REFUSED
- DON'T KNOW

CG6PRE

CG6PRE

NOT ON FILE

QUESTION TEXT:

We're interested in how memory actually works. We find that even people with very good memories seem to forget some things from time to time. The next questions are a little different, but are often asked on studies about memory.

PRESS 1 AND ENTER TO CONTINUE

CG6A

cg1todaydat1

R1 CG6A TODAY'S DATE CORRCT MNTH

cg1todaydat2

R1 CG6B TODAY'S DATE CORRECT DAY

cg1todaydat3

R1 CG6C TODAY'S DATE CORRECT YR

cg1todaydat4

R1 CG6D TODAY'S DATE CORRCT DOW

cg1todaydat5

R1 CG6E TODAY'S DATE SP USED AID

DISPLAY INSTRUCTIONS:

Use "Same Question Stem" display.

If at CG6a, do not display question text in brackets. Otherwise, display question text in brackets.

Spell out month in question text and also as a numeric date as indicated in interviewer question text.

If at CG6d, display "IF SP DID NOT ALREADY MENTION DAY OF THE WEEK, ASK: What is the day of the week?".

Display "MONTH", "DAY", "YEAR", and "DAY OF THE WEEK" in underlined text.

QUESTION TEXT:

{[]Without looking at a calendar or watch, please tell me today's date.[]}

{IF SP DID NOT ALREADY MENTION DAY OF THE WEEK, ASK: What is the day of the week?}

TODAY'S DATE IS: {DAY OF WEEK}, {MONTH DAY, YEAR} {(mm/dd/yyyy)}

CODE NO (2) FOR DON'T KNOW RESPONSES

RESPONSE [1] a. DID SP SAY THE CORRECT MONTH?

RESPONSE [2] b. DID SP SAY THE CORRECT DAY?

RESPONSE [3] c. DID SP SAY THE CORRECT YEAR?

RESPONSE [4] d. DID SP SAY THE CORRECT DAY OF THE WEEK?

RESPONSE [5] e. DID SP LOOK AT A CALENDAR, NEWSPAPER, WATCH, OR OTHER AID FOR THE DATE?

CODES

- 1 YES
- 2 NO/DON'T KNOW
- REFUSED

PROGRAMMER INSTRUCTIONS:

Disallow RF for response [5]e.

BOX CG7

BOXCG7

NOT ON FILE

If PROXY flag =1 and CG6a-CG6e=2(NO/DON'T KNOW) or REFUSED, go Section MO Mobility.
Otherwise, go to CG7PRE.

CG7PRE

CG7PRE

NOT ON FILE

QUESTION TEXT:

Now I will read a set of 10 words and ask you to recall as many as you can. We have purposely made the list long so that it will be difficult for anyone to recall all the words. Most people recall just a few. Please listen carefully as I read the set of words because I cannot repeat them. When I finish, I will ask you to recall aloud as many of the words as you can, in any order. Is this clear?

IF SP ASKS TO WRITE DOWN WORDS, SAY: We want you to try to recall the words without any help.

REPEAT INSTRUCTIONS ABOVE AS NEEDED FOR SP TO UNDERSTAND ACTIVITY BEFORE CONTINUING

CODES

1	CONTINUE WITH ACTIVITY	
2	SP REFUSES ACTIVITY	CG9

CG7

cg1dwrldstnm

R1 D WHICH WORD LIST WAS ASSIGNED

DISPLAY INSTRUCTIONS:

If WORD RECALL LIST 1ST ADMIN = 1 (from preload), display words from word list 1.
Else if WORD RECALL LIST 1ST ADMIN = 2(from preload), display words from word list 2.
Else if WORD RECALL LIST 1ST ADMIN = 3(from preload), display words from word list 3.
Display one word from list 1, 2, or 3 one at a time every 2 seconds using Blaise timer application.
Display words in font size 36 in the middle of the screen.
Display interviewer instruction at the top of the screen in regular font size.

{variable text [1-3]}

[LIST 1]
hotel
river
tree
skin
gold
market
paper
child
king
book

[LIST 2]
woman
rock
blood
corner
shoes
letter
girl
house
valley
engine

[LIST 3]
water
church
doctor
palace
fire
garden
sea
village
baby
table

QUESTION TEXT:

READ THE WORDS DISPLAYED AT A SLOW, STEADY RATE AS THEY COME UP ON THE SCREEN. APPROXIMATELY 1 WORD EVERY 2 SECONDS

PRESS 1 AND ENTER TO CONTINUE

PROGRAMMER INSTRUCTIONS:

After the last word, automatically advance screen to CG8.

CG7a

CG7a

NOT ON FILE

AFTER LIST HAS ENDED, TYPE 1 AND ENTER TO CONTINUE.

CG8

cg1wrdsrca1	R1 CG8 1 TELL WORDS U CAN RECALL
cg1wrdsrca2	R1 CG8 2 TELL WORDS U CAN RECALL
cg1wrdsrca3	R1 CG8 3 TELL WORDS U CAN RECALL
cg1wrdsrca4	R1 CG8 4 TELL WORDS U CAN RECALL
cg1wrdsrca5	R1 CG8 5 TELL WORDS U CAN RECALL
cg1wrdsrca6	R1 CG8 6 TELL WORDS U CAN RECALL
cg1wrdsrca7	R1 CG8 7 TELL WORDS U CAN RECALL
cg1wrdsrca8	R1 CG8 8 TELL WORDS U CAN RECALL
cg1wrdsrca9	R1 CG8 9 TELL WORDS U CAN RECALL
cg1wrdsrca10	R1 CG8 10 TELL WORDS U CAN RECALL
cg1dwrdimrc	R1 D SCORE IMMEDIATE WORD RECALL
cg1dwr dinone	R1 D IMMEDIATE RECALL NONE
cg1dwrdirref	R1 D IMMEDIATE RECALL REFUSED

DISPLAY INSTRUCTIONS:

Display word list that was presented in CG7 for this administration.
Display response codes 91 and 92 response categories in a column beside the word list.

QUESTION TEXT:

Now please tell me the words you can recall.

AFTER 10 SECONDS OF SILENCE, PROBE ONCE: Are there any (other) words you remember?

STOP ACTIVITY AFTER ANOTHER 10 SECONDS OF SILENCE OR IF SP SAYS DONE

SELECT ALL THAT APPLY

{variable text [1-3]}

[LIST 1]

hotel
river
tree
skin
gold
market
paper
child
king
book

[LIST 2]

woman
rock
blood
corner
shoes
letter
girl
house
valley
engine

[LIST 3]

water
church
doctor
palace
fire
garden
sea
village
baby
table

91. NO WORDS REMEMBERED

92. REFUSED

PROGRAMMER INSTRUCTIONS:

If g1 (NO WORDS REMEMBERED) selected and any codes 1-10 or g2 selected, display error message "INCONSISTENT ANSWER. NO WORDS REMEMBERED CANNOT BE SELECTED WITH ANY OTHER CATEGORY" when leaving the screen.

If g1 or g2 selected, go to CG9.

CG8a

cg1wrdsntlst

R1 CG8A WORDS NOT ON LIST

DISPLAY INSTRUCTIONS:

Display "not" in underlined text.

QUESTION TEXT:

DID SP SAY ANY WORDS THAT WERE NOT ON THE LIST?

CODES

1 YES
2 NO

CG9

CG8b

cg1numnotlst

R1 CG8B NUM WORDS NOT ON LIST

DISPLAY INSTRUCTIONS:

Display "not" in underlined text.

QUESTION TEXT:

HOW MANY WORDS DID SP SAY THAT WERE NOT ON THE LIST?

ENTER NUMBER

RANGE 1-10

ENTER NUMBER

Range

1 to 10

CG9

cg1probreca1

R1 CG9 SP HAD DIFF HEARING WORDS

cg1probreca2

R1 CG9 INTERRUPTION AS LIST READ

cg1probreca3

R1 CG9 PROB WORD RECALL SPECIFY

cg1probreca4

R1 CG9 WD RECALL NO PROB OCCURRD

QUESTION TEXT:

DID SP HAVE ANY PROBLEMS DURING THE WORD RECALL TASK?

SELECT ALL THAT APPLY

CODES	Code All That Apply	
1	DIFFICULTY HEARING ANY OF THE WORDS	CG10
2	INTERRUPTION OCCURRED WHILE LIST WAS BEING READ	CG10
91	OTHER PROBLEM (SPECIFY)	
92	NO PROBLEMS OCCURRED	CG10

PROGRAMMER INSTRUCTIONS:

Response code 92 cannot be selected in combination with any other code. Display error message “INCONSISTENT ANSWER. NO PROBLEMS OCCURRED CANNOT BE SELECTED WITH ANY OTHER CATEGORY” when leaving the screen.

CG9A **CG9A** NOT ON FILE

QUESTION TEXT:

SPECIFY THE TYPE OF PROBLEM EXPERIENCED DURING WORD RECALL TASK

ENTER TEXT

Length 255

CG10 **cg1dclkdraw** R1 D SCORE OF CLOCK DRAWING TEST
cg1dclkimgcl R1 D IMAGE CLARITY CLOCK DRAWING

QUESTION TEXT:

SET STOPWATCH FOR 2 MINUTES IN COUNTDOWN MODE
HAND SP A BLANK SHEET OF PAPER AND AN ERASABLE PEN
IF NEEDED, MAKE SURE SP HAS A WRITING SURFACE. THEN SAY:
Please draw a clock on this piece of paper.
Start by drawing a large circle.
Put all the numbers in the circle and set the hands to show 11:10 (10 pas 11).”
START STOPWATCH
STOP ACTIVITY WHEN 2 MINS IS UP OR BEFORE IF SP SAYS DONE
PRESS 1 AND ENTER TO CONTINUE

CG10A **cg1atdrwclck** R1 CG10A SP ATTEMPT CLOCK DRAWING

QUESTION TEXT:

INDICATE WHETHER SP ATTEMPTED CLOCK DRAWING
IF SP ATTEMPTED CLOCK DRAWING, AFFIX SP ID LABEL ON THE LOWER LEFT HAND CORNER OF CLOCK DRAWING SHEET

CODES

- 1 SP ATTEMPTED CLOCK DRAWING
- 2 SP DID NOT ATTEMPT CLOCK DRAWING
- 97 SP REFUSED CLOCK DRAWING

CG13

- cg1presidna1** R1 CG13A PRES LAST NAME CORRECT
- cg1presidna2** R1 CG13B PRES LAST NAME INCORRECT
- cg1presidna3** R1 CG13C PRES FIRST NAME CORRECT
- cg1presidna4** R1 CG13D PRES FIRST NAME INCORRECT

DISPLAY INSTRUCTIONS:

Display "FIRST", "LAST", "first", and "last" in underlined text.

QUESTION TEXT:

Next, who is the President of the United States right now?

CORRECT ANSWER IS BARACK OBAMA

IF ONLY FIRST NAME GIVEN, ASK: Do you know his last name?
IF ONLY LAST NAME GIVEN, ASK: Do you know his first name?

SELECT ALL THAT APPLY

CODES

Code All That Apply

- 1 LAST NAME CORRECT
- 2 LAST NAME NOT CORRECT/DK LAST NAME
- 3 FIRST NAME CORRECT
- 4 FIRST NAME NOT CORRECT/DK FIRST NAME
REFUSED

PROGRAMMER INSTRUCTIONS:

If (RF is not selected) and (codes 1 or 2) and (codes 3 or 4) are not selected, display error message "INCOMPLETE ANSWER. A RESPONSE TO BOTH THE FIRST NAME AND THE LAST NAME MUST BE SELECTED.

If codes 1 and 2 are selected, display error message "INCONSISTENT ANSWER. LAST NAME CANNOT BE BOTH CORRECT AND NOT CORRECT OR UNKNOWN".

If codes 3 and 4 are selected, display error message "INCONSISTENT ANSWER. FIRST NAME CANNOT BE BOTH CORRECT AND NOT CORRECT OR UNKNOWN".

CG14

- cg1vpname1** R1 CG14A VP LAST NAME CORRECT
- cg1vpname2** R1 CG14B VP LAST NAME INCORRECT
- cg1vpname3** R1 CG14C VP FIRST NAME CORRECT
- cg1vpname4** R1 CG14D VP FIRST NAME INCORRECT

DISPLAY INSTRUCTIONS:

Display "FIRST", "LAST", "first", and "last" in underlined text.

QUESTION TEXT:

Who is the Vice President?

CORRECT ANSWER IS JOE (JOSEPH) BIDEN

IF ONLY FIRST NAME GIVEN, ASK: Do you know his last name?

IF ONLY LAST NAME GIVEN, ASK: Do you know his first name?

SELECT ALL THAT APPLY

CODES

Code All That Apply

- | | |
|---|--------------------------------------|
| 1 | LAST NAME CORRECT |
| 2 | LAST NAME NOT CORRECT/DK LAST NAME |
| 3 | FIRST NAME CORRECT |
| 4 | FIRST NAME NOT CORRECT/DK FIRST NAME |
| | REFUSED |

PROGRAMMER INSTRUCTIONS:

If (RF is not selected) and (codes 1 or 2) and (codes 3 or 4) are not selected, display error message "INCOMPLETE ANSWER. A RESPONSE TO BOTH THE FIRST NAME AND THE LAST NAME MUST BE SELECTED."

If codes 1 and 2 are selected, display error message "INCONSISTENT ANSWER. LAST NAME CANNOT BE BOTH CORRECT AND NOT CORRECT OR UNKNOWN".

If codes 3 and 4 are selected, display error message "INCONSISTENT ANSWER. FIRST NAME CANNOT BE BOTH CORRECT AND NOT CORRECT OR UNKNOWN".

BOX CG15

BOXCG15

NOT ON FILE

IF CG7PRE = 2 (SP REFUSES ACTIVITY), GO TO SECTION MO - MOBILITY
ELSE GO TO CG15

CG15

cg1wrdsdca1	R1 CG15 1 DELAYED WORD RECALL
cg1wrdsdca2	R1 CG15 2 DELAYED WORD RECALL
cg1wrdsdca3	R1 CG15 3 DELAYED WORD RECALL
cg1wrdsdca4	R1 CG15 4 DELAYED WORD RECALL
cg1wrdsdca5	R1 CG15 5 DELAYED WORD RECALL
cg1wrdsdca6	R1 CG15 6 DELAYED WORD RECALL
cg1wrdsdca7	R1 CG15 7 DELAYED WORD RECALL
cg1wrdsdca8	R1 CG15 8 DELAYED WORD RECALL
cg1wrdsdca9	R1 CG15 9 DELAYED WORD RECALL
cg1wrdsdca10	R1 CG15 10 DELAYED WORD RECALL
cg1dwrddlyrc	R1 D SCORE DELAYED WORD RECALL
cg1dwrddnone	R1 D DELAYED RECALL NONE
cg1dwrddrref	R1 D DELAYED RECALL REFUSED

DISPLAY INSTRUCTIONS:

Display word list that was presented in CG7.

Display response codes 91 and 92 response categories in column beside the word list.

QUESTION TEXT:

A little while ago, I read you a list of 10 words and you repeated the ones you could remember. Please tell me any of the words that you remember now.

AFTER 10 SECONDS OF SILENCE, PROBE ONCE: Are there any (other) words you remember?

STOP ACTIVITY AFTER ANOTHER 10 SECONDS OF SILENCE OR IF SP SAYS DONE

SELECT ALL THAT APPLY

{variable text [1-3]}

[LIST 1]

hotel
river
tree
skin
gold
market
paper
child
king
book

[LIST 2]

woman
rock
blood
corner
shoes
letter
girl
house
valley
engine

[LIST 3]

water
church
doctor
palace
fire
garden
sea
village
baby
table

91. NO WORDS REMEMBERED

92. REFUSED

PROGRAMMER INSTRUCTIONS:

If g1 (NO WORDS REMEMBERED) selected and any codes 1-10 or g2 selected, display error message "INCONSISTENT ANSWER. NO WORDS REMEMBERED CANNOT BE SELECTED WITH ANY OTHER CATEGORY" when leaving the screen.

If response g1 or g2 given, go to Section MO- Mobility.

CG15a

CG15a

NOT ON FILE

AFTER LIST HAS ENDED, TYPE 1 AND ENTER TO CONTINUE.

CG16

cg1wrndnotlst

R1 CG16 WORDS NOT ON LIST

DISPLAY INSTRUCTIONS:

Display "not" in underlined text.

QUESTION TEXT:

DID SP SAY ANY WORDS THAT WERE NOT ON THE LIST?

CODES

1 YES
2 NO

SECTION MO

CG17

cg1numwrndnot

R1 CG17 NUM OF WORDS NOT ON LIST

DISPLAY INSTRUCTIONS:

Display "not" in underlined text.

QUESTION TEXT:

HOW MANY WORDS DID SP SAY THAT WERE NOT ON THE LIST?

ENTER NUMBER
Range 1-10

ENTER NUMBER

Range

1 to 10

Derived Variables from Items in CG Section

cg1dwrdr1rc1	R1 D WORD1 IMMEDIATE RECALL
cg1dwrdr2rc1	R1 D WORD2 IMMEDIATE RECALL
cg1dwrdr3rc1	R1 D WORD3 IMMEDIATE RECALL
cg1dwrdr4rc1	R1 D WORD4 IMMEDIATE RECALL
cg1dwrdr5rc1	R1 D WORD5 IMMEDIATE RECALL
cg1dwrdr6rc1	R1 D WORD6 IMMEDIATE RECALL
cg1dwrdr7rc1	R1 D WORD7 IMMEDIATE RECALL
cg1dwrdr8rc1	R1 D WORD8 IMMEDIATE RECALL
cg1dwrdr9rc1	R1 D WORD9 IMMEDIATE RECALL
cg1dwrdr10rc1	R1 D WORD10 IMMEDIATE RECALL
cg1dwrdrunnrc	R1 D WORD1 DELAYED RECALL [See CG8]
cg1dwrdrinone	R1 D IMMEDIATE RECALL NONE [See CG8]
cg1dwrdrirref	R1 D IMMEDIATE RECALL REFUSED [See CG8]
cg1dwrdr1dly	R1 WORD1 DELAYED RECALL
cg1dwrdr2dly	R1 D WORD3 DELAYED RECALL
cg1dwrdr3dly	R1 D WORD4 DELAYED RECALL
cg1dwrdr4dly	R1 D WORD5 DELAYED RECALL
cg1dwrdr5dly	R1 D WORD6 DELAYED RECALL
cg1dwrdr6dly	R1 D WORD7 DELAYED RECALL
cg1dwrdr7dly	R1 D WORD8 DELAYED RECALL
cg1dwrdr8dly	R1 D WORD9 DELAYED RECALL
cg1dwrdr9dly	R1 D WORD10 DELAYED RECALL
cg1dwrdr10dly	R1 D WORD2 DELAYED RECALL
cg1dwrdrddlyrc	R1 D SCORE DELAYED WORD RECALL [See CG15]
cg1dwrdrddnone	R1 D DELAYED RECALL NONE [See CG15]
cg1dwrdrddrref	R1 D DELAYED RECALL REFUSED [See CG15]