

NOTE ABOUT BRANCHPOINTS:

WHERE THERE IS MORE THAN ONE JUMP WITHIN A BRANCHPOINT BOX, THE JUMPS ARE TO BE APPLIED IN ORDER FROM THE TOP.

NOTE ABOUT COLORS:

ALL QUESTION TEXT IN BLACK IS FOR THE CORE INTERVIEW.

ALL QUESTION TEXT IN FUCHSIA IS FOR THE EXIT INTERVIEW. ALSO IN FUCHSIA IS ALL OTHER TEXT THAT IS SPECIFIC TO THE EXIT INTERVIEW BUT NOT TO THE CORE.

OTHERWISE, BLACK TEXT FOR CODEFRAMES, INTERVIEWER INSTRUCTIONS, JUMPS AND BRANCHPOINTS, ETC. CAN APPLY TO BOTH THE CORE AND THE EXIT INTERVIEW UNLESS SPECIFIED OTHERWISE OR THERE IS AN EXIT ALTERNATIVE.

ON A BLACK-AND-WHITE HARD COPY OF THE DOCUMENT, THE FUCHSIA TEXT WILL APPEAR SOMEWHAT LIGHTER THAN THE ORIGINAL BLACK.

NOTE ABOUT EXIT INTERVIEW R_s:

ANY NEW SPOUSE/PARTNER THAT AN EXIT INTERVIEW R ACQUIRED SINCE HIS/HER LAST INTERVIEW IS IGNORED FOR THE PURPOSES OF THIS INTERVIEW.

HRS 2002 — SECTION D: COGNITION — PAGE 2

FINAL VERSION 2 — 9/22/2004

RC-0a/D001 BRANCHPOINT: IF THIS IS NOT A PROXY INTERVIEW (CS1A/A009 {NOT 2 and NOT 3}), GO TO C1/D101 (AFTER RC-0f/D006)

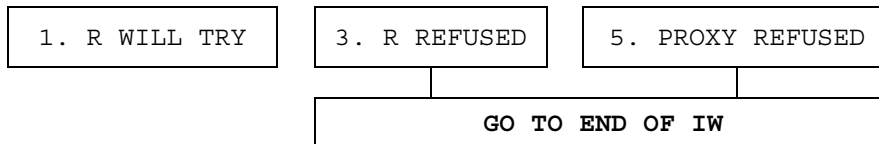
IF THIS IS AN EXIT INTERVIEW (A007=5) or {A PROXY INTERVIEW (CS1A/A009={2 or 3}) and PROXY HAS NOT COMPLETED IW}, GO TO PC1/D501 (AFTER C14/D171/(Tag#=D173) (D ASSIST) & PC1/D501 BRANCHPOINT)

IF THIS IS A PROXY INTERVIEW (CS1A/A009={2 or 3}) and PROXY HAS COMPLETED ENTIRE IW THROUGH FINAL SECTION, JUMP BACK FROM END OF IW TO RC-0a/D001, BELOW, AND ASK PROXIED R RC-0a/D001 THROUGH C14/D171/(Tag#=D173) (D ASSIST)

D001

Q6523

RC-0a. May I speak to *PROXIED RESPONDENT NAME* and ask just a few questions?

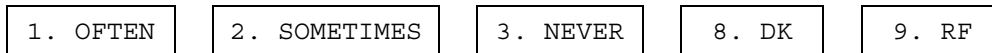


D002

Q6524

RC-0b. I have a few questions about the activities you are doing and how you like to spend your time.

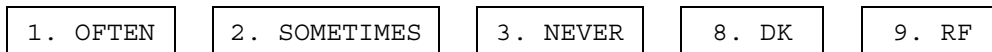
How often do you watch television — often, sometimes, or never?



D003

Q6525

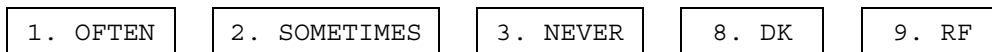
RC-0c. How often do you visit with family or friends, either in person or on the phone? (Is it often, sometimes or never?)



D004

Q6526

RC-0d. How often do you read books or magazines for pleasure? (Is it often, sometimes, or never?)



HRS 2002 — SECTION D: COGNITION — PAGE 3

FINAL VERSION 2 — 9/22/2004

D005

Q6527

RC-0e. Of all the activities you do, what is your favorite one?

ACTIVITY

NONE	DK	RF
GO TO C1/D101		

D006

Q6528

RC-0f. How often do you do that? Is it often, sometimes, or never?

1. OFTEN	2. SOMETIMES	3. NEVER	8. DK	9. RF
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HRS 2002 — SECTION D: COGNITION — PAGE 4

FINAL VERSION 2 — 9/22/2004

D101

Q1654

C1. Part of this study is concerned with people's memory, and ability to think about things.

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

1. EXCELLENT

2. VERY GOOD

3. GOOD

4. FAIR

5. POOR

8. DK

9. RF

D102

Q1655

C2. Compared to [R's *LAST IW MONTH, YEAR*/two years ago], would you say your memory is better now, about the same, or worse now than it was then?

1. BETTER

2. ABOUT THE SAME

3. WORSE

8. DK

9. RF

HRS 2002 — SECTION D: COGNITION — PAGE 5

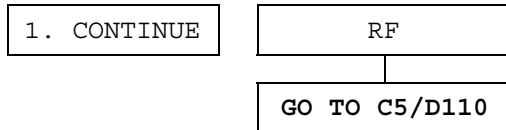
FINAL VERSION 2 — 9/22/2004

D103
Q1659
C3.

I'll 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?

[IWER: PROBE AS NEEDED FOR UNDERSTANDING OF TASK. READ THE ITEMS AT A SLOW, STEADY RATE AS THEY COME UP ON THE SCREEN, APPROXIMATELY ONE WORD EVERY TWO SECONDS.]

[IWER: IF R REFUSES DURING OR AFTER THE PREAMBLE AND BEFORE ANY WORDS ARE READ, ENTER [CTRL-R] AT THIS SCREEN]



D104
Q1661
C3S.

LIST 1	LIST 2	LIST 3	LIST 4
1. HOTEL	1. SKY	1. WOMAN	1. WATER
2. RIVER	2. OCEAN	2. ROCK	2. CHURCH
3. TREE	3. FLAG	3. BLOOD	3. DOCTOR
4. SKIN	4. DOLLAR	4. CORNER	4. PALACE
5. GOLD	5. WIFE	5. SHOES	5. FIRE
6. MARKET	6. MACHINE	6. LETTER	6. GARDEN
7. PAPER	7. HOME	7. GIRL	7. SEA
8. CHILD	8. EARTH	8. HOUSE	8. VILLAGE
9. KING	9. COLLEGE	9. VALLEY	9. BABY
10. BOOK	10. BUTTER	10. ENGINE	10. TABLE

NOTE: ONE OF THESE 4 LISTS IS RANDOMLY ASSIGNED TO EACH R AT VARIABLE X011. EACH R IN A HOUSEHOLD IS ASSIGNED A DIFFERENT LIST. ONLY ASSIGNED WORDS ARE DISPLAYED TO THE IWER, ONE WORD APPEARING PER SCREEN. THE IWER READS EACH WORD TO THE R AS IT APPEARS. THE SCREEN AUTOMATICALLY ADVANCES EVERY 2 SECONDS, SO THE IWER DOES NOT PRESS [ENTER] TO SHOW THE NEXT WORD. THE NUMERICAL CODES FOR THE WORDS ARE NOT SHOWN ON THE SCREEN.

[IWER: SELECT CONTINUE AFTER THE LAST WORD]

1. CONTINUE

HRS 2002 — SECTION D: COGNITION — PAGE 6

FINAL VERSION 2 — 9/22/2004

D106
Q1666

C4. Now please tell me the words you can recall.

[IWER: PERMIT AS MUCH TIME AS R WISHES — UP TO ABOUT 2 MINUTES]

[IWER: BEGIN TYPING LETTER OF FIRST WORD. IF R DOES NOT RECALL ANY MORE WORDS, TYPE 'Q' TO QUIT AND PRESS [ENTER]]

LIST 1	LIST 2	LIST 3	LIST 4
1. HOTEL	1. SKY	1. WOMAN	1. WATER
2. RIVER	2. OCEAN	2. ROCK	2. CHURCH
3. TREE	3. FLAG	3. BLOOD	3. DOCTOR
4. SKIN	4. DOLLAR	4. CORNER	4. PALACE
5. GOLD	5. WIFE	5. SHOES	5. FIRE
6. MARKET	6. MACHINE	6. LETTER	6. GARDEN
7. PAPER	7. HOME	7. GIRL	7. SEA
8. CHILD	8. EARTH	8. HOUSE	8. VILLAGE
9. KING	9. COLLEGE	9. VALLEY	9. BABY
10. BOOK	10. BUTTER	10. ENGINE	10. TABLE

11. X-WRONG WORD

12. Y-NONE REMEMBERED

QUIT

NOTE: THE IWER SEES THE LIST PREVIOUSLY PRESENTED TO THE R, PLUS THE OPTIONS SHOWN BELOW IT. THE NUMERICAL CODES SHOWN HERE FOR THE ITEMS ABOVE ARE NOT SEEN ON THE SCREEN. TO ENTER THE R'S RESPONSES, THE IWER TYPES THE FIRST LETTER OF EACH CORRECT WORD THE R GIVES. EVERY TIME THE R SAYS A WORD NOT ON THE LIST, THE IWER SELECTS "X-WRONG WORD" WHICH APPEARS AS AN "11" IN DATA OUTPUT. IF THE R CANNOT REMEMBER ANY WORDS, THE IWER SELECTS "Y-NONE REMEMBERED" WHICH APPEARS AS A "12" FOR THE DATA OUTPUT VARIABLE (D182). WHEN THE R FINISHES THE IWER MUST SELECT "QUIT" TO MOVE TO THE NEXT QUESTION. AT THE END OF THE ENTRIES A CALCULATION IS MADE OF THE NUMBER OF WORDS THAT WERE REMEMBERED CORRECTLY (# GOOD), THE NUMBER OF WRONG WORDS SAID (# WRONG), THE NUMBER FORGOTTEN [# FORGOTTEN (=TOTAL WORDS - # GOOD)].

HRS 2002 — SECTION D: COGNITION — PAGE 7

FINAL VERSION 2 — 9/22/2004

D108

Q1668

C4CHK. IWER: PLEASE INDICATE WHETHER ANY OF THE FOLLOWING PROBLEMS OCCURRED IN RELATION TO WORD RECALL.

[IWER: CHOOSE ALL THAT APPLY]

1. R HAD DIFFICULTY HEARING ANY OF THE WORDS

2. INTERRUPTION OCCURRED WHILE YOU WERE READING LIST

3. OTHER PROBLEM (PLEASE SPECIFY)

D109
PLEASE SPECIFY OTHER PROBLEM

4. NO PROBLEMS OCCURRED

8. DK

9. RF

NOTE: THE IWER MAY CHOOSE ANY COMBINATION OF SELECTIONS 1, 2 AND 3, OR CODE 4, 8 OR 9 SINGLY.

D110

Q1669

C5. Now think about the past week and the feelings you have experienced. Please tell me if each of the following was true for you much of the time during the past week.

[IWER: PRESS "1" FOR "YES" AND "5" FOR "NO"]

	1. YES	5. NO	8. DK	9. RF
D110 Q1669 C5. Much of the time during the past week, you felt depressed. (Would you say yes or no?)				
D111 Q1670 C5a. (Much of the time during the past week...) You felt that everything you did was an effort. (Would you say yes or no?)				
D112 Q1671 C5b. (Much of the time during the past week...) Your sleep was restless. (Would you say yes or no?)				
D113 Q1672 C5c. (Much of the time during the past week...) You were happy. (Would you say yes or no?)				

HRS 2002 — SECTION D: COGNITION — PAGE 8

FINAL VERSION 2 — 9/22/2004

D114 Q1673 C5d. (Much of the time during the past week...) You felt lonely. (Would you say yes or no?)				
D115 Q1674 C5e. (Much of the time during the past week...) You enjoyed life. (Would you say yes or no?)				
D116 Q1675 C5g. (Much of the time during the past week...) You felt sad. (Would you say yes or no?)				
D117 Q1676 C5h/Cfh. (Much of the time during the past week...) You could not get going. (Would you say yes or no?)				
D118 Q1677 C5j. (Much of the time during the past week...) You had a lot of energy. (Would you say yes or no?)				

D120
Q1688

C6. For this next question, please try to count backward as quickly as you can from the number I will give you. I will tell you when to stop.

[IWER: ALLOW R TO START OVER IF S/HE WISHES TO DO SO]

[IWER: PRESS [ENTER] CONTINUE AS SOON AS YOU READ THE NUMBER]

Please start with: 20

1. CONTINUE	DK	RF	NO ENTRY
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D122
Q1690

C6a. [IWER: PRESS [ENTER] TO CONTINUE AS SOON AS R HAS COUNTED 10 NUMBERS, OR STOPS, OR ASKS TO START OVER.]

[IWER: R CAN CORRECTLY COUNT DOWN FROM 19 TO 10 OR FROM 20 TO 11.]

1. CONTINUE	DK	RF	NO ENTRY
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HRS 2002 — SECTION D: COGNITION — PAGE 9

FINAL VERSION 2 — 9/22/2004

D124
Q1710
C6c.

You may stop now. Thank you.

[IWER: CODE CORRECT IF R COUNTED BACKWARDS FROM 19 TO 10 OR FROM 20 TO 11 WITHOUT ERROR]

[IWER: USE [CTRL-R] IF R REFUSED TO TRY THE TASK]

1. CORRECT	5. INCORRECT	6. WANTS TO START OVER	RF
GO TO C6g/D130			GO TO C7a/D142

NOTE: THE IWER MUST SELECT ONE OF THE ABOVE CHOICES. "DON'T KNOW/DK" IS NOT ACCEPTABLE.

D125
Q1711
C6d.

Let's try again.

[IWER: PRESS [ENTER] AS SOON AS YOU READ THE NUMBER]

The number to count backward from is: 20

1. CONTINUE	DK	RF
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D127
Q1713

C6Y1d. [IWER: PRESS [ENTER] AS SOON AS R HAS COUNTED 10 NUMBERS OR STOPS]

1. CONTINUE	DK	RF
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D129
Q1733
C6f.

You may stop now. Thank you.

[IWER: CODE CORRECT IF R COUNTED BACKWARDS FROM 19 TO 10 OR FROM 20 TO 11 WITHOUT ERROR]

[IWER: USE [CTRL-R] IF R REFUSED TO TRY THE TASK]

1. CORRECT	5. INCORRECT	RF
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NOTE: THE IWER MUST SELECT ONE OF THE ABOVE CHOICES. "DON'T KNOW/DK" IS NOT ACCEPTABLE.

D130
Q1747

C6g. Now please try counting backward from a different number. Remember to count as quickly as you can from the number I mention.

[IWER: ALLOW R TO START OVER IF S/HE WISHES TO DO SO]

[IWER: PRESS [ENTER] TO CONTINUE AS SOON AS YOU READ THE NUMBER]

Please start with: 86

1. CONTINUE	DK	RF	NO ENTRY
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D132
Q1749

C6Y1g. [PRESS [ENTER] TO CONTINUE AS SOON AS R HAS COUNTED 10 NUMBERS, OR STOPS, OR ASKS TO START OVER.]

[IWER: R CAN CORRECTLY COUNT DOWN FROM 86 TO 77 OR FROM 85 TO 76.]

1. CONTINUE	DK	RF	NO ENTRY
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D134
Q1769

C6j. You may stop now. Thank you.

[IWER: CODE CORRECT IF R COUNTED BACKWARDS FROM 85 TO 76 OR FROM 86 TO 77 WITHOUT ERROR]

[IWER: USE [CTRL-R] IF R REFUSED TO TRY THE TASK]

[IWER: ALLOW R TO START OVER IF S/HE WISHES TO DO SO]

1. CORRECT	5. INCORRECT	6. WANTS TO START OVER	8. DK	9. RF
GO TO C7a/D142			GO TO C7a/D142	

D135
Q1770

C6k. Let's try again.

[IWER: PRESS [ENTER] AS SOON AS YOU READ THE NUMBER]

The number to count backward from is: 86

1. CONTINUE	DK	RF
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D137
Q1772

C6Y1k. [IWER: PRESS [ENTER] AS SOON AS R HAS COUNTED 10 NUMBERS OR STOPS]

1. CONTINUE	DK	RF
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D139
Q1792

C6n. You may stop now. Thank you.

[IWER: CODE CORRECT IF R COUNTED BACKWARDS FROM 85 TO 76 OR FROM 86 TO 77 WITHOUT ERROR]

[IWER: USE [CTRL-R] IF R REFUSED TO TRY THE TASK]

1. CORRECT	5. INCORRECT	RF
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NOTE: THE IWER MUST SELECT ONE OF THE ABOVE CHOICES. "DON'T KNOW/DK" IS NOT ACCEPTABLE.

D142
Q1806

C7a. Now let's try some subtraction of numbers.

One hundred minus 7 equals what?

[IWER: IF R ADDS 7 INSTEAD, YOU MAY REPEAT QUESTION]

ANSWER

DK	RF
GO TO C8/D148 BRANCHPOINT	

D143
Q1807

C7b. And 7 from that

ANSWER

DK	RF
GO TO C8/D148 BRANCHPOINT	

D144
Q1808

C7c. And 7 from that

ANSWER

DK	RF
GO TO C8/D148 BRANCHPOINT	

D145
Q1809

C7d. And 7 from that

ANSWER

DK	RF
GO TO C8/D148 BRANCHPOINT	

D146
Q1810
C7e. And 7 from that

DK	RF
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ANSWER

C8/D148 BRANCHPOINT: IF R REFUSED WORD LISTS AT C3/D103 or R DID NOT REMEMBER ANY WORDS (D177=1, EQUIVALENT TO C4/D106=12), GO TO C9/D150

D148
Q1815
C8. A little while ago, I read you a list of words and you repeated the ones you could remember. Please tell me any of the words that you remember now.

[IWER: PERMIT AS MUCH TIME AS R WISHES — UP TO 2 MINUTES]

LIST 1	LIST 2	LIST 3	LIST 4
1. HOTEL	1. SKY	1. WOMAN	1. WATER
2. RIVER	2. OCEAN	2. ROCK	2. CHURCH
3. TREE	3. FLAG	3. BLOOD	3. DOCTOR
4. SKIN	4. DOLLAR	4. CORNER	4. PALACE
5. GOLD	5. WIFE	5. SHOES	5. FIRE
6. MARKET	6. MACHINE	6. LETTER	6. GARDEN
7. PAPER	7. HOME	7. GIRL	7. SEA
8. CHILD	8. EARTH	8. HOUSE	8. VILLAGE
9. KING	9. COLLEGE	9. VALLEY	9. BABY
10. BOOK	10. BUTTER	10. ENGINE	10. TABLE

11. X-WRONG WORD	12. Y-NONE REMEMBERED	QUIT
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NOTE: THE IWER AGAIN SEES THE LIST PREVIOUSLY PRESENTED TO THE R, PLUS THE OPTIONS SHOWN BELOW IT. THE NUMERICAL CODES SHOWN HERE FOR THE ITEMS ABOVE ARE NOT SEEN ON THE SCREEN. TO ENTER THE R'S RESPONSES, THE IWER TYPES THE FIRST LETTER OF EACH CORRECT WORD THE R GIVES. EVERY TIME THE R SAYS A WORD NOT ON THE LIST, THE IWER SELECTS "X-WRONG WORD" WHICH APPEARS AS AN "11" IN DATA OUTPUT. IF THE R CANNOT REMEMBER ANY WORDS, THE IWER SELECTS "Y-NONE REMEMBERED" WHICH APPEARS AS A "12" FOR THE DATA OUTPUT VARIABLE (D183). WHEN THE R FINISHES THE IWER MUST SELECT "QUIT" TO MOVE TO THE NEXT QUESTION. AT THE END OF THE ENTRIES A CALCULATION IS MADE OF THE NUMBER OF WORDS THAT WERE REMEMBERED CORRECTLY (# GOOD), THE NUMBER OF WRONG WORDS SAID (# WRONG), THE NUMBER FORGOTTEN [# FORGOTTEN (=TOTAL WORDS - # GOOD)].

C9/D150 BRANCHPOINT: IF R's CURRENT AGE IS LESS THAN 65 YEARS OLD (A019<65),
and THIS IS A REINTERVIEW R, GO TO D178 (Tag#=D169.1)

D150
Q1819

C9. 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.

[IWER: DO NOT PROBE DK/RF IN SECTION D (COGNITION)]

1. CONTINUE	DK	RF
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D151
Q1820

C9a. Please tell me today's date.

[IWER: PROBE MONTH, DAY, YEAR, DAY OF WEEK]

THE DATE IS: MONTH/DAY/YEAR
THE DAY IS: DAY OF WEEK

NOTE: THE DATE AND DAY OF WEEK ARE DISPLAYED FOR THE IWER TO COMPARE WITH R's RESPONSES.

D151 Q1820 C9a. MONTH:	1. MONTH OK	5. MONTH NOT OK	8. DK	9. RF
D152 Q1821 C9b. DAY:	1. DAY OF MONTH OK	5. DAY OF MONTH NOT OK	8. DK	9. RF
D153 Q1822 C9c. YEAR:	1. YEAR OK	5. YEAR NOT OK	8. DK	9. RF
D154 Q1823 C9d. DAY OF WEEK:	1. DAY OK	5. DAY NOT OK	8. DK	9. RF

D155
Q1824

C10. Now I'm going to ask you for the names of some people and things.

What do people usually use to cut paper?

1. SCISSORS OR SHEARS ONLY	5. NOT CORRECT	8. DK	9. RF
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D156
Q1825

C11. What do you call the kind of prickly plant that grows in the desert?

1. CACTUS OR NAME OF KIND OF CACTUS	5. NOT CORRECT	8. DK	9. RF
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D157
Q1826

C12. Who is the President of the United States right now?

[IWER: ANSWER IS BUSH]

[IWER: PROBE FOR LAST NAME]

1. LAST NAME CORRECT	5. NOT CORRECT	8. DK	9. RF
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D158
Q1827

C12a. Who is the Vice President?

[IWER: ANSWER IS CHENEY]

[IWER: PROBE FOR LAST NAME]

1. LAST NAME CORRECT	5. NOT CORRECT	8. DK	9. RF
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D159
Q1830

C13. Now please tell me the meanings of some words I will read to you. Any way you want to define the word is fine.

1. CONTINUE	DK	RF
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NOTE: SURVEYCRAFT RANDOMLY ASSIGNS TO EACH R (AT X012) VOCABULARY LIST 1 (1ST WORD OF EACH PAIR) or LIST 2 (2ND WORD) IN QUESTIONS C13a/D161 - C13j/D169. Rs IN SAME HH ARE ASSIGNED DIFFERENT LISTS.

D161
Q1832

C13a. What is the meaning of the word:

[REPAIR/CONCEAL]

DK	RF
----	----

MEANING

D163
Q1835

C13c. (What is the meaning of) the word:

[FABRIC/ENORMOUS]

DK	RF
----	----

MEANING

D165
Q1838

C13e. (What is the meaning of) the word:

[DOMESTIC/PERIMETER]

MEANING

D167
Q1841

C13g. (What is the meaning of) the word:

[REMORSE/COMPASSION]

MEANING

D169
Q1844

C13j. (What is the meaning of) the word:

[PLAGIARIZE/AUDACIOUS]

MEANING

For D161 — D169:

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D178 (Tag#=D169.1)

Next I would like to ask you some questions which assess how people use numbers in everyday life.

If the chance of getting a disease is 10 percent, how many people out of 1,000 would be expected to get the disease?

NUMBER OF PEOPLE

D179 (Tag#=D169.2)

If 5 people all have the winning numbers in the lottery and the prize is two million dollars, how much will each of them get?

AMOUNT

DK

RF

D180 BRANCHPOINT: IF R GAVE INCORRECT ANSWERS {AT D178 (D178(Tag#=D169.1) NOT 100) and AT D179 (D179 NOT 400,000)}, CALCULATE TICS SCORE AT C13Y4/D170 AND GO TO C13Y5/D172/(Tag#=D171) BRANCHPOINT

D180 (Tag#=D169.3)

Let's say you have \$200 in a savings account. The account earns ten percent interest per year. How much would you have in the account at the end of two years.

AMOUNT

DK

RF

NOTE: C13Y4/D170. TICS SCORE COUNT:

A SCORE IS TABULATED BY SURVEYCRAFT BASED ON RESPONSES TO QUESTIONS C6c/D124, C6f/D129, & C9a/D151 THROUGH C12a/D158. A SCORE OF 0-10 IS GIVEN BASED ON THE NUMBER OF CORRECT ANSWERS AND ELAPSED TIME TO ANSWER.

C13Y5/D172/(Tag#=D171) BRANCHPOINT: IF TICS SCORE IS {GREATER THAN OR EQUAL TO 5} or R's CURRENT AGE IS LESS THAN 65 or THIS IS NOT A SELF IW (CS1A/A009 NOT 1), GO TO C14/D171/(Tag#=D173) (D ASSIST)

D172 (Tag#=D171)

Q1853

C13Y5. RESPONDENT TICS SCORE IS: TICS SCORE COUNT (C13Y4/D170)

[IWER: SCORE INDICATES R MAY NEED TO HAVE AN ASSISTANT FOR REMAINDER OF IW]

[IWER: IF YOU SELECT CODE '5', CONTINUE UNASSISTED, PLEASE EXPLAIN ON NEXT SCREEN]

1. R WILL CONTINUE WITH AN ASSISTOR

5. R WILL CONTINUE UNASSISTED

GO TO C14/D171/(Tag#=D173)
(D ASSIST)

D173 (Tag#=D172)
Q8289
C13Y5. IWER: PLEASE EXPLAIN WHY ASSISTANT IS NOT NEEDED.

NOTE: IWER MUST ENTER SOMETHING AT THIS SCREEN.

D171 (Tag#=D173)
Q1857
C14. D ASSIST
IWER: HOW OFTEN DID R'S FIRST NAME RECEIVE ASSISTANCE WITH ANSWERS IN SECTION D — COGNITIVE?

1. NEVER	2. A FEW TIMES	3. MOST OR ALL OF THE TIME	4. THE SECTION WAS DONE BY A PROXY REPORTER
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PC1/D501 BRANCHPOINT: IF THIS IS NOT A PROXY IW (CS1A/A009 {NOT 2 and NOT 3}), GO TO SECTION E
IF THIS IS A PROXIED RESPONDENT, GO TO END OF IW

D501
Q1527
Q1359X

PC1. Part of this study is concerned with people's memory, and ability to think about things.

First, how would you rate R'S FIRST NAME'S memory at the present time? Would you say it is excellent, very good, good, fair or poor?

Part of this study is concerned with people's memory, and ability to think about things. For the next few questions, I want you to think about R'S FIRST NAME as of one month before [his/her] death.

First, how would you rate R'S FIRST NAME'S memory at that time? Would you say it was excellent, very good, good, fair or poor?

1. EXCELLENT	2. VERY GOOD	3. GOOD	4. FAIR
5. POOR	8. DK	9. RF	

PC2/D502 BRANCHPOINT: IF R'S CURRENT AGE IS {65 OR OLDER} (A019 ≥ 65) or THIS IS AN EXIT INTERVIEW, GO TO PC3/D503 BRANCHPOINT

D502
Q1528

PC2. Compared to [R'S LAST IW MONTH, YEAR/two years ago], would you say R'S FIRST NAME'S memory is better now, about the same, or worse now than it was then?

- | | | | | |
|-----------|---------|----------|----|----|
| 1. BETTER | 2. SAME | 3. WORSE | DK | RF |
|-----------|---------|----------|----|----|

PC3/D503 BRANCHPOINT: IF R'S CURRENT AGE IS LESS THAN 65 YEARS OLD (A019<65), GO TO SECTION E

D503
Q1532
Q1364X

PC3. How would you rate *R's FIRST NAME* in making judgments and decisions?
Would you say [he/she] is excellent, very good, good, fair, or poor?

How would you rate *R's FIRST NAME* in making judgments and decisions?
Would you say [he/she] was excellent, very good, good, fair, or poor?

- | | | | |
|--------------|--------------|---------|---------|
| 1. EXCELLENT | 2. VERY GOOD | 3. GOOD | 4. FAIR |
|--------------|--------------|---------|---------|

- | | | |
|---------|-------|-------|
| 5. POOR | 8. DK | 9. RF |
|---------|-------|-------|

D504
Q1537
Q1369X

PC5. How would you rate *R's FIRST NAME's* ability to organize [his/her] daily activities?
(Would you say [he/she] is excellent, very good, good, fair, or poor?)

How would you rate *R's FIRST NAME's* ability to organize [his/her] daily activities?
(Would you say [he/she] was excellent, very good, good, fair, or poor?)

- | | | | |
|--------------|--------------|---------|---------|
| 1. EXCELLENT | 2. VERY GOOD | 3. GOOD | 4. FAIR |
|--------------|--------------|---------|---------|

- | | | |
|---------|-------|-------|
| 5. POOR | 8. DK | 9. RF |
|---------|-------|-------|

D505
Q1542
Q1374X

PC7. Now we want you to remember what *R's FIRST NAME* was like two years ago and to compare it with what [he/she] is like now. Two years ago was in [2000/2001]. I will read situations where *R's FIRST NAME* has to use [his/her] memory or intelligence and we would like you to indicate whether this has improved, stayed the same, or gotten worse in that situation over the past two years.

Note the importance of comparing [his/her] present performance with two years ago. So if two years ago *R's FIRST NAME* always forgot where [he/she] had left things, and [he/she] still does, then this would be considered 'not much change'.

Now we want you to remember what *R's FIRST NAME* was like [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*] and to compare it with what [he/she] was like toward the end of [his/her] life, but leaving out the last month or so of [his/her] life. I will read situations where [*R's FIRST NAME*] had to use [his/her] memory or intelligence and we would like you to indicate whether this had improved, stayed the same, or gotten worse in that situation over that time period.

Note the importance of comparing [his/her] performance toward the end of [his/her] life with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*]. So if two years ago *R's FIRST NAME* always forgot where [he/she] had left things, and [he/she] still did, then this would be considered "not much change".

- | | | |
|-------------|----|----|
| 1. CONTINUE | DK | RF |
|-------------|----|----|

D506
Q1543
Q1375X

PC8. Compared with two years ago, how is *R's FIRST NAME* at:
Remembering things about family and friends, such as occupations, birthdays, and addresses.
Has this improved, not much changed, or gotten worse?

Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:
Remembering things about family and friends, such as occupations, birthdays, and addresses.
Had this improved, not much changed, or gotten worse?

- | | | | | |
|-------------|---------------------|-----------------|----------------|-------|
| 1. IMPROVED | 2. NOT MUCH CHANGED | 3. GOTTEN WORSE | 8. DK | 9. RF |
| | GO TO PC9/D509 | GO TO PC8b/D508 | GO TO PC9/D509 | |

D507
Q1544
Q1376X

PC8a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC9/D509			

D508
Q1545
Q1377X

PC8b. Is it much worse or a bit worse?

Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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D509
Q1548
Q1380X

PC9. Compared with two years ago, how is *R's FIRST NAME* at:
Remembering things that have happened recently?
(Has this improved, not much changed, or gotten worse?)

Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:
Remembering things that had happened recently?
(Had this improved, not much changed, or gotten worse?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE	8. DK	9. RF
	GO TO PC10/D512	GO TO PC9b/D511	GO TO PC10/D512	

D510
Q1549
Q1381X

PC9a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC10/D512			

D511
Q1550
Q1382X

PC9b. Is it much worse or a bit worse?

Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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D512
Q1553
Q1385X

PC10. (Compared with two years ago, how is *R's FIRST NAME* at:)
Recalling conversations a few days later?
(Has this improved, not much changed, or gotten worse?)

(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Recalling conversations a few days later?
(Had this improved, not much changed, or gotten worse?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE	8. DK	9. RF
	GO TO PC11/D515	GO TO PC10b/D514	GO TO PC11/D515	

D513
Q1554
Q1386X

PC10a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC11/D515			

D514
Q1555
Q1387X

PC10b. Is it much worse or a bit worse?

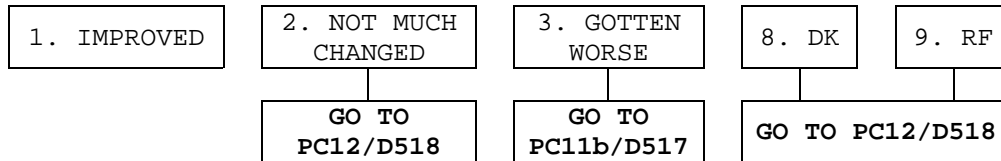
Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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D515
Q1558
Q1390X

PC11. (Compared with two years ago, how is *R's FIRST NAME* at:)
Remembering [his/her] address and telephone number?
(Has this improved, not much changed, or gotten worse?)

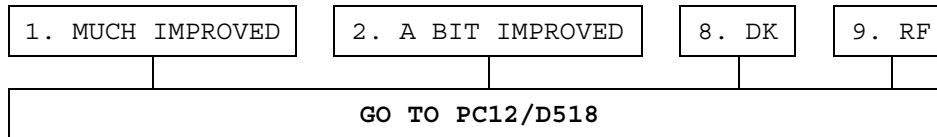
(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Remembering [his/her] address and telephone number?
(Had this improved, not much changed, or gotten worse?)



D516
Q1559
Q1391X

PC11a. Is it much improved or a bit improved?

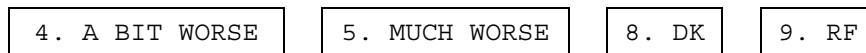
Was it much improved or a bit improved?



D517
Q1560
Q1392X

PC11b. Is it much worse or a bit worse?

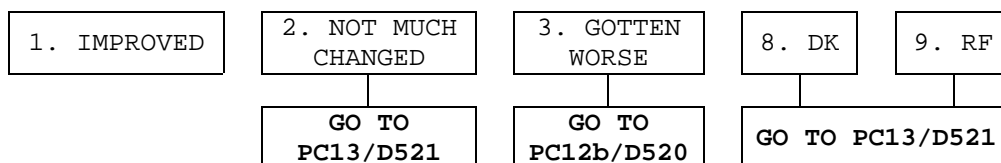
Was it much worse or a bit worse?



D518
Q1563
Q1395X

PC12. (Compared with two years ago, how is *R's FIRST NAME* at:)
Remembering what day and month it is?
(Has this improved, not much changed, or gotten worse?)

(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Remembering what day and month it was?
(Had this improved, not much changed, or gotten worse?)



D519
Q1564
Q1396X

PC12a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC13/D521			

D520
Q1565
Q1397X

PC12b. Is it much worse or a bit worse?

Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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D521
Q1568
Q1400X

PC13. (Compared with two years ago, how is *R's FIRST NAME* at:)
Remembering where things are usually kept?
(Has this improved, not much changed, or gotten worse?)

(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Remembering where things were usually kept?
(Had this improved, not much changed, or gotten worse?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE	8. DK	9. RF
	GO TO PC14/D524	GO TO PC13b/D523	GO TO PC14/D524	

D522
Q1569
Q1401X

PC13a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC14/D524			

D523
Q1570
Q1402X

PC13b. Is it much worse or a bit worse?

Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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D524
Q1573
Q1405X

PC14. (Compared with two years ago, how is *R's FIRST NAME* at:)
Remembering where to find things which have been put in a different
place than usual?
(Has this improved, not much changed, or gotten worse?)

(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Remembering where to find things which had been put in a different place
than usual?
(Had this improved, not much changed, or gotten worse?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE	8. DK	9. RF
	GO TO PC15/D527	GO TO PC14b/D526	GO TO PC15/D527	

D525
Q1574
Q1406X

PC14a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC15/D527			

D526
Q1575
Q1407X

PC14b. Is it much worse or a bit worse?

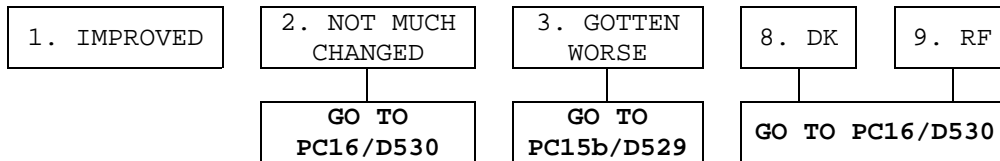
Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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D527
Q1578
Q1410X

PC15. (Compared with two years ago, how is *R's FIRST NAME* at:)
Knowing how to work familiar machines around the house?
(Has this improved, not much changed, or gotten worse?)

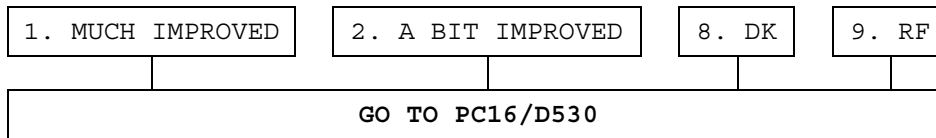
(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Knowing how to work familiar machines around the house?
(Had this improved, not much changed, or gotten worse?)



D528
Q1579
Q1411X

PC15a. Is it much improved or a bit improved?

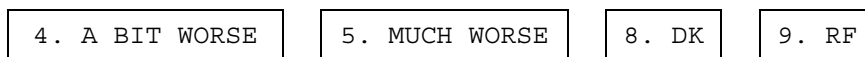
Was it much improved or a bit improved?



D529
Q1580
Q1412X

PC15b. Is it much worse or a bit worse?

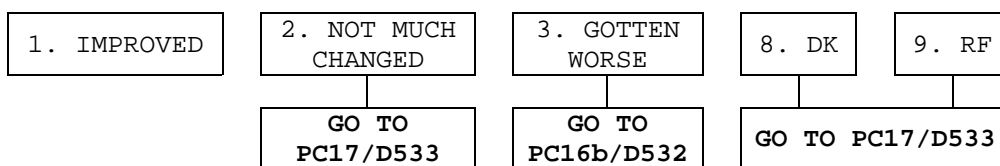
Was it much worse or a bit worse?



D530
Q1583
Q1415X

PC16. (Compared with two years ago, how is *R's FIRST NAME* at:)
Learning to use a new gadget or machine around the house?
(Has this improved, not much changed, or gotten worse?)

(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Learning to use a new gadget or machine around the house?
(Had this improved, not much changed, or gotten worse?)



D531
Q1584
Q1416X

PC16a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC17/D533			

D532
Q1585
Q1417X

PC16b. Is it much worse or a bit worse?

Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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D533
Q1588
Q1420X

PC17. (Compared with two years ago, how is *R's FIRST NAME* at:)
Learning new things in general?
(Has this improved, not much changed, or gotten worse?)

(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Learning new things in general?
(Had this improved, not much changed, or gotten worse?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE	8. DK	9. RF
	GO TO PC18/D536	GO TO PC17b/D535	GO TO PC18/D536	

D534
Q1589
Q1421X

PC17a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC18/D536			

D535
Q1590
Q1422X

PC17b. Is it much worse or a bit worse?

Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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D536
Q1593
Q1425X

PC18. (Compared with two years ago, how is *R's FIRST NAME* at:)
Following a story in a book or on TV?
(Has this improved, not much changed, or gotten worse?)

(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Following a story in a book or on TV?
(Had this improved, not much changed, or gotten worse?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE	8. DK	9. RF
	GO TO PC19/D539	GO TO PC18b/D538	GO TO PC19/D539	

D537
Q1594
Q1426X

PC18a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC19/D539			

D538
Q1595
Q1427X

PC18b. Is it much worse or a bit worse?

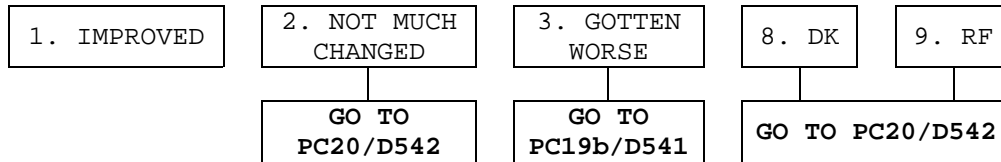
Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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D539
Q1598
Q1430X

PC19. (Compared with two years ago, how is *R's FIRST NAME* at:)
Making decisions on everyday matters?
(Has this improved, not much changed, or gotten worse?)

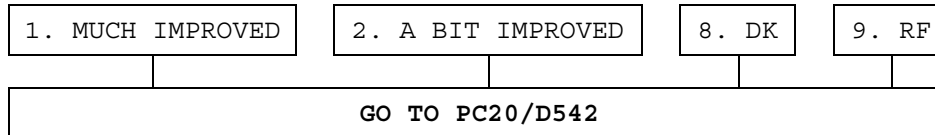
(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Making decisions on everyday matters?
(Had this improved, not much changed, or gotten worse?)



D540
Q1599
Q1431X

PC19a. Is it much improved or a bit improved?

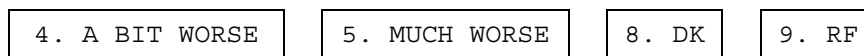
Was it much improved or a bit improved?



D541
Q1600
Q1432X

PC19b. Is it much worse or a bit worse?

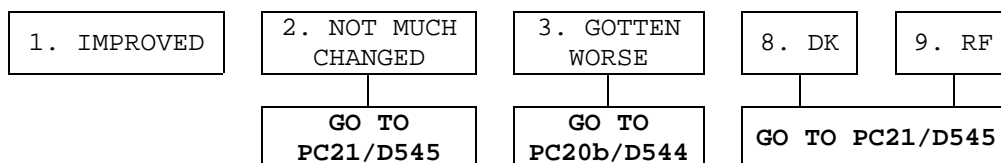
Was it much worse or a bit worse?



D542
Q1602
Q1434X

PC20. (Compared with two years ago, how is *R's FIRST NAME* at:)
Handling money for shopping?
(Has this improved, not much changed, or gotten worse?)

(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Handling money for shopping?
(Had this improved, not much changed, or gotten worse?)



D543
Q1603
Q1435X

PC20a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC21/D545			

D544
Q1604
Q1436X

PC20b. Is it much worse or a bit worse?

Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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D545
Q1605
Q1437X

PC21. (Compared with two years ago, how is *R's FIRST NAME* at:)
Handling financial matters, that is, [his/her] pension or dealing with
the bank?
(Has this improved, not much changed, or gotten worse?)

(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH*,
YEAR/two years ago], how was *R's FIRST NAME* at:)
Handling financial matters, for example, a pension or dealing with the
bank?
(Had this improved, not much changed, or gotten worse?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE	8. DK	9. RF
	GO TO PC22/D548	GO TO PC21b/D547	GO TO PC22/D548	

D546
Q1606
Q1438X

PC21a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC22/D548			

D547
Q1607
Q1439X

PC21b. Is it much worse or a bit worse?

Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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D548
Q1608
Q1440X

PC22. (Compared with two years ago, how is *R's FIRST NAME* at:)
Handling other everyday arithmetic problems, such as, knowing how much food to buy, knowing how long between visits from family or friends?
(Has this improved, not much changed, or gotten worse?)

(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Handling other everyday arithmetic problems, such as, knowing how much food to buy, knowing how long between visits from family or friends?
(Had this improved, not much changed, or gotten worse?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE	8. DK	9. RF
	GO TO PC23/D551	GO TO PC22b/D550	GO TO PC23/D551	

D549
Q1609
Q1441X

PC22a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC23/D551			

D550
Q1610
Q1442X

PC22b. Is it much worse or a bit worse?

Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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D551
Q1611
Q1443X

PC23. (Compared with two years ago, how is *R's FIRST NAME* at:)
Using [his/her] intelligence to understand what's going on and to reason things through?
(Has this improved, not much changed, or gotten worse?)

(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Using [his/her] intelligence to understand what was going on and to reason things through?
(Had this improved, not much changed, or gotten worse?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE	8. DK	9. RF
	GO TO PC24/D554	GO TO PC23b/D553	GO TO PC24/D554	

D552
Q1612
Q1444X

PC23a. Is it much improved or a bit improved?

Was it much improved or a bit improved?

1. MUCH IMPROVED	2. A BIT IMPROVED	8. DK	9. RF
GO TO PC24/D554			

D553
Q1613
Q1445X

PC23b. Is it much worse or a bit worse?

Was it much worse or a bit worse?

4. A BIT WORSE	5. MUCH WORSE	8. DK	9. RF
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	1. YES	5. NO	8. DK	9. RF
D554 Q1615 Q1447X PC24. Now, thinking about some current behaviors, does [he/she] ever get lost in a familiar environment? Did [he/she] ever get lost in a familiar environment?				
D555 Q1616 Q1448X PC25. Does [he/she] ever wander off and not return by [himself/herself]? Did [he/she] ever wander off and not return by [himself/herself]?				
D556 Q1617 Q1449X PC26. Can [he/she] be left alone for an hour or so? [Since R's LAST IW MONTH, YEAR/In the last two years] could [he/she] be left alone for an hour or so?				
D557 Q1618 Q1450X PC27. Does [he/she] ever see or hear things that are not really there? Did R's FIRST NAME ever see or hear things that were not really there?				

D558
Q1619
Q1451X

PC28. During the past week, how often has [he/she] shown any of the following behaviors:

During the last few months of [his/her] life, how often had [he/she] shown any of the following behaviors:

	1. MOST OF TIME	2. SOME OF TIME	3. NEVER	8. DK	9. RF
<p>D558 Q1619 Q1451X PC28. (During the past week) how often has [he/she] become angry or hostile without reason? Was it most of the time, some of the time, or never?</p> <p>(During the last few months of [his/her] life,) how often did [he/she] become angry or hostile without reason? Was it most of the time, some of the time, or never?</p>					
<p>D559 Q1620 Q1452X PC29. (During the past week) How often has [he/she] had difficulties falling asleep or waking frequently during the night?</p> <p>(During the last few months of [his/her] life,) how often did [he/she] have difficulties falling asleep or waking frequently during the night?</p>					
<p>D560 Q1621 Q1453X PC30. (During the past week) How often has [he/she] done things that are dangerous to [himself/herself] or others?</p> <p>(During the last few months of [his/her] life,) how often did</p>					

<p>[he/she] do things that were dangerous to [himself/herself] or others?</p>					
<p>D561 Q1622 Q1454X PC31. (During the past week) How often has [he/she] paced around or made unexplained rocking movements while sitting? (During the last few months of [his/her] life,) how often did [he/she] pace around or make unexplained rocking movements while sitting?</p>					
<p>D562 Q1623 Q1455X PC32. (During the past week) How often has [he/she] mentioned that people are plotting against or trying to harm [him/her]? (During the last few months of [his/her] life,) how often did [he/she] mention that people were plotting against or trying to harm [him/her]?</p>					
<p>D563 Q1624 Q1456X PC33. (During the past week) How often has [he/she] drunk too much alcohol? (During the last few months of [his/her] life,) how often did [he/she] drink too much alcohol?</p>					

GO TO SECTION E