

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 Rs:

ANY NEW SPOUSE/PARTNER THAT AN EXIT INTERVIEW R ACQUIRED SINCE HIS/HER LAST INTERVIEW IS IGNORED FOR THE PURPOSES OF THIS INTERVIEW. SIMILARLY, A SPOUSE/PARTNER WHO WAS REPORTED IN A PREVIOUS WAVE BUT WHO HAS NEVER BEEN INTERVIEWED WILL NOT HAVE AN EXIT INTERVIEW.

MAJOR FLOW CONTROL, CONDITION AND FILL VARIABLES

THIS IS A REINTERVIEW R (Z076=1);
THIS IS A NEW SPOUSE/PARTNER OF A REINTERVIEW R (Z076=0);
THIS IS A NEVER INTERVIEWED R or NEW INTERVIEW R (Z076=5)

THIS IS A SELF INTERVIEW (CS1A/A009=1);
PROXY INTERVIEW (CS1A/A009={2 or 3}) or (A009 NOT 1);
PROXIED RESPONDENT (CS1A/A009 NOT 1)

R's LAST IW MONTH (per Z092), YEAR (per Z093)

R's AGE (per A019)

R's FIRST NAME (per X058)

ALTERNATE WAVE FLAG IS SET TO ASKQUESTIONS (E005=2)

* A variable fieldname and code reference is shown at its first occurrence in the questionnaire, but in some cases, especially when it is common, is not be shown after that.

RC-0a/D001 BRANCHPOINT: IF THIS IS A SELF INTERVIEW (CS1A/A009=1), GO TO C1/D101 (AFTER RC-0f/D006)

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

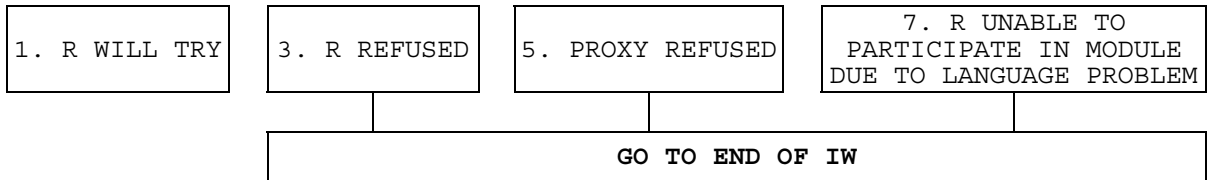
IF THIS IS A LIVING PROXY INTERVIEW (CS1A/A009={2 or 3}) and LIVING PROXY HAS COMPLETED ENTIRE IW THROUGH FINAL/LEAVE-BEHIND SECTION and PROXIED R WAS AVAILABLE TO ASK ABOUT SOCIAL SECURITY NUMBER (W305=1), JUMP BACK FROM AFTER LEAVE-BEHIND SECTION TO RC-0b/D002 AND ASK PROXIED R RC-0b/D002 THROUGH C14/D171/(Tag#=D173) (D ASSIST)

OTHERWISE, IF PROXIED R WAS NOT AVAILABLE TO ASK ABOUT SOCIAL SECURITY NUMBER (W305 NOT 1), JUMP BACK FROM AFTER LEAVE-BEHIND SECTION AND ASK PROXY RC-0a/D001, BELOW; THEN IF IWER MAY SPEAK WITH PROXIED R (RC-0a/D001=1) ASK PROXIED R QUESTIONS RC-0b/D002 THROUGH C14/D171 (Tag#=D173) (D ASSIST)

D001

Q6523

RC-0a. May I speak to *PROXIED RESPONDENT NAME (per X058)* 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?

- 1. OFTEN
- 2. SOMETIMES
- 3. NEVER
- 8. DK
- 9. RF

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?)

- 1. OFTEN
- 2. SOMETIMES
- 3. NEVER
- 8. DK
- 9. RF

D004

Q6526

HRS 2004 — SECTION D: COGNITION — PAGE 3

FINAL VERSION 4 — 10/19/2006

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

1. OFTEN	2. SOMETIMES	3. NEVER	8. DK	9. RF
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D005

Q6527

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

_____	NONE	DK	RF
ACTIVITY			
	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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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	

HRS 2004 — SECTION D: COGNITION — PAGE 4

FINAL VERSION 4 — 10/19/2006

D102

Q1655

C2. Compared to [R's LAST IW MONTH (per Z092), YEAR (per Z093)/two years ago], would you say your memory is better now, about the same, or worse now than it was then?

1. BETTER

2. SAME

3. WORSE

8. DK

9. RF

HRS 2004 — SECTION D: COGNITION — PAGE 5

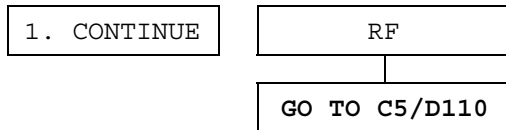
FINAL VERSION 4 — 10/19/2006

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

D106
Q1666
C4.

Now please tell me the words you can recall.

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FINAL VERSION 4 — 10/19/2006

[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	13. U-REFUSED	QUIT
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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 "11" IN DATA OUTPUT. IF THE R CANNOT REMEMBER ANY WORDS, THE IWER SELECTS "Y-NONE REMEMBERED" WHICH APPEARS AS "12" FOR THE DATA OUTPUT VARIABLE (D183). THE IWER SELECTS "U-REFUSED" IF THE R AT THIS POINT WILL NOT TRY TO REMEMBER AND "13" APPEARS IN DATA OUTPUT. 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)].

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FINAL VERSION 4 — 10/19/2006

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.

HRS 2004 — SECTION D: COGNITION — PAGE 8

FINAL VERSION 4 — 10/19/2006

D110
Q1669
C5.

IF THIS IS QUESTION D110:

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.

IF THIS IS ONE OF QUESTIONS D111 - D118:

(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.)

	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?)				
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?)				

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FINAL VERSION 4 — 10/19/2006

<p>D117 Q1676 C5h/Cfh. (Much of the time during the past week...) You could not get going. (Would you say yes or no?)</p>				
<p>D118 Q1677 C5j. (Much of the time during the past week...) You had a lot of energy. (Would you say yes or no?)</p>				

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] TO CONTINUE AS SOON AS YOU READ THE NUMBER]

Please start with: 20

1. [enter]	8. DK	9. RF
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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]

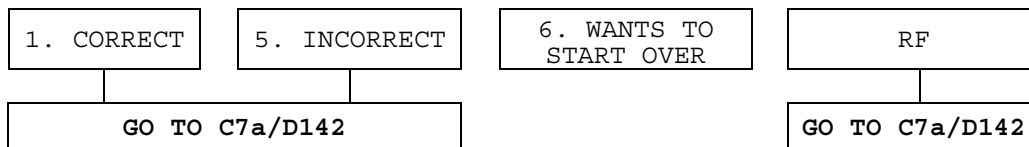
[IWER: CORRECT RESPONSES INCLUDE COUNTING DOWN FROM 19 TO 10 OR FROM 20 TO 11]

1. [enter]	8. DK	9. RF
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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]

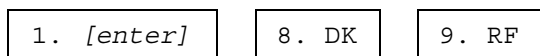


NOTE: THE IWER MUST SELECT ONE OF THE ABOVE CHOICES. "DON'T KNOW/DK" IS NOT ACCEPTABLE.

D125
Q1711
C6d. Let's try again.

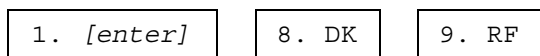
[IWER: PRESS [ENTER] AS SOON AS YOU READ THE NUMBER]

The number to count backward from is: 20



D127
Q1713

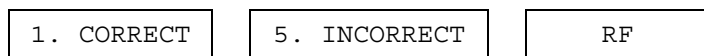
C6Y1d. [IWER: PRESS [ENTER] AS SOON AS R HAS COUNTED 10 NUMBERS OR STOPS]



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]



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

ANSWER

DK	RF
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C8/D148 BRANCHPOINT: IF R REFUSED WORD LISTS ({C3/D103=13} or {D182=13, EQUIVALENT TO C4/D106=13}) or R DID NOT REMEMBER ANY WORDS (D182=12, 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	13. U-REFUSED	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 "11" IN DATA OUTPUT. IF THE R CANNOT REMEMBER ANY WORDS, THE IWER SELECTS "Y-NONE REMEMBERED" WHICH APPEARS AS "12" FOR THE DATA OUTPUT VARIABLE (D183). THE IWER SELECTS "U-REFUSED" IF THE R AT THIS POINT WILL NOT TRY TO REMEMBER AND "13" APPEARS IN DATA OUTPUT. 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 (Z076=1), GO TO C13/D159
BRANCHPOINT

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	8. DK	9. 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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C13/D159 BRANCHPOINT: IF THIS IS A REINTERVIEW R *and* ALTERNATE WAVE FLAG IS SET TO ASKQUESTIONS (E005=2), GO TO C13Y5/D172/(Tag#=D171) 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)

NOTE: QUESTIONS D159 THROUGH D180 (Tag#=D169.3) ARE ALWAYS ASKED OF NEW INTERVIEW Rs. THEY ARE ASKED OF REINTERVIEW Rs ONLY IN ALTERNATIVE WAVES. THEY WILL NOT BE ASKED OF REINTERVIEW Rs IN THE 2004 WAVE, BUT WILL BE ASKED IN 2006.

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]

_____ DK RF
MEANING

D167
Q1841
C13g. (What is the meaning of) the word:

[REMORSE/COMPASSION]

_____ DK RF
MEANING

D169
Q1844
C13j. (What is the meaning of) the word:

[PLAGIARIZE/AUDACIOUS]

_____ DK RF
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?

_____ DK RF
NUMBER OF PEOPLE

D179 (Tag#=D169.2)

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FINAL VERSION 4 — 10/19/2006

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 (Tag#=D169.3) BRANCHPOINT: IF R GAVE INCORRECT ANSWERS {AT D178 (D178 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 10 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} (C13Y4/D170 ≥ 5) or R's CURRENT AGE IS LESS THAN 65
(A019<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.

[Empty text input box for explanation]

NOTE: IWER MUST ENTER SOMETHING AT THIS SCREEN.

D171 (Tag#=D173)

Q1857

C14. D ASSIST

IWER: HOW OFTEN DID R's FIRST NAME (per X058) 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

PC1/D501 BRANCHPOINT: IF THIS IS A SELF INTERVIEW (CS1A/A009=1),
GO TO SECTION E

IF THIS IS A PROXIED RESPONDENT (CS1A/A009 NOT 1),
GO TO ({END OF IW}/{INTERVIEWER OBSERVATIONS})

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 PC7/D505 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

PC7/D505 BRANCHPOINT: IF R'S CURRENT AGE IS LESS THAN 65 YEARS OLD (A019<65), GO TO SECTION E

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 {*CURRENT IW YEAR - 2*}. 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 (per Z092), YEAR (per Z093)/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
	GO TO PC9/D509	GO TO PC8b/D508
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
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?

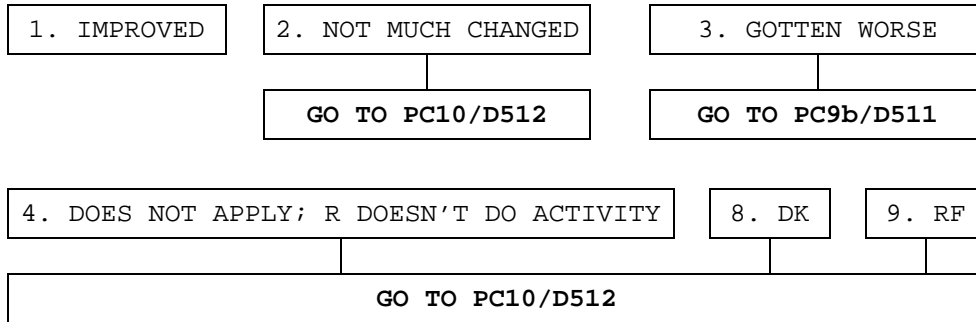
Was it much worse or a bit worse?

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?)

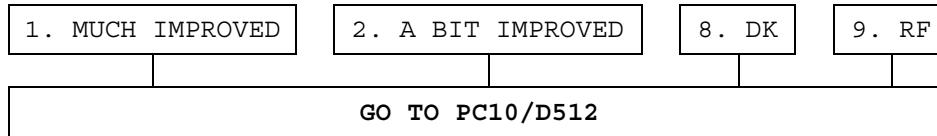
Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:
Remembering things that had happened recently?
(Had this improved, not much changed, or gotten worse?)



D510
Q1549
Q1381X

PC9a. Is it much improved or a bit improved?

Was it much improved or a bit improved?



D511
Q1550
Q1382X

PC9b. Is it much worse or a bit worse?

Was it much worse or a bit worse?



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
	GO TO PC11/D515	GO TO PC10b/D514
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
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?

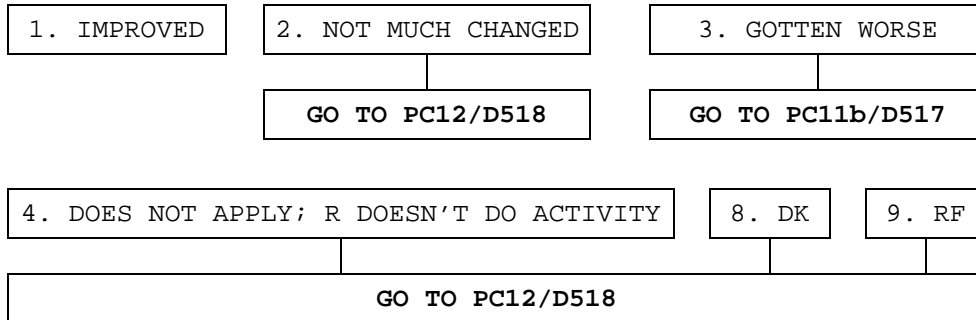
Was it much worse or a bit worse?

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?)

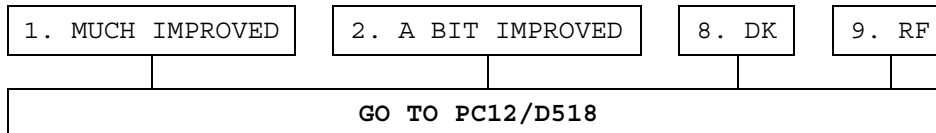
(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Remembering [his/her] address and telephone number?
(Had this improved, not much changed, or gotten worse?)



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?

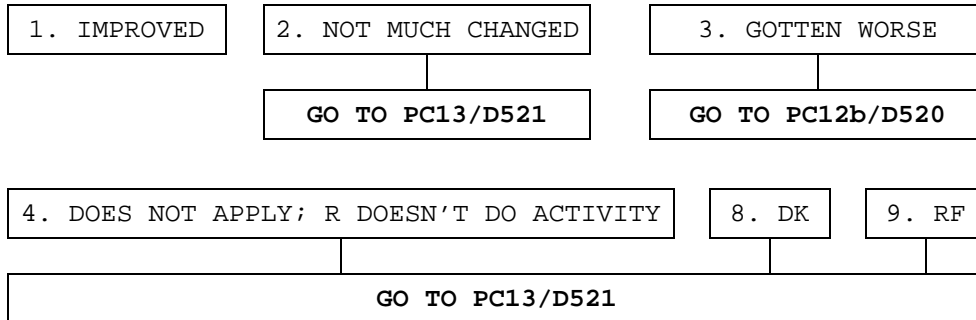
Was it much worse or a bit worse?



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?)

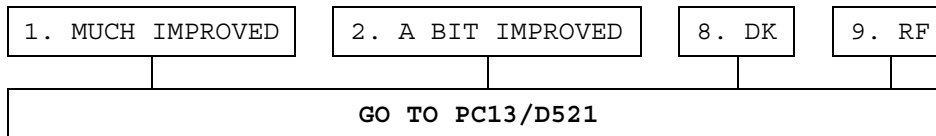
(Compared with [when we interviewed [him/her] in R's LAST IW MONTH,
YEAR/two years ago], how was R's FIRST NAME at:)
Remembering what day and month it was?
(Had this improved, not much changed, or gotten worse?)



D519
Q1564
Q1396X

PC12a. Is it much improved or a bit improved?

Was it much improved or a bit improved?



D520
Q1565
Q1397X

PC12b. Is it much worse or a bit worse?

Was it much worse or a bit worse?



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
	GO TO PC14/D524	GO TO PC13b/D523
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
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?

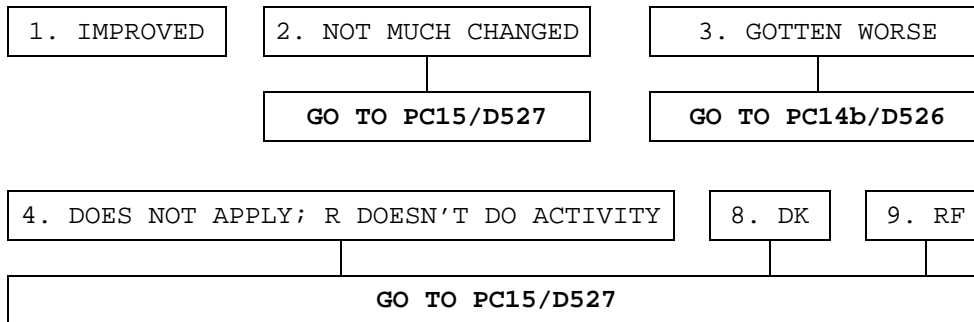
Was it much worse or a bit worse?

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?)

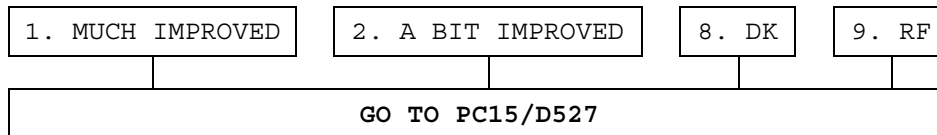
(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Remembering where to find things which had been put in a different place
than usual?
(Had this improved, not much changed, or gotten worse?)



D525
Q1574
Q1406X

PC14a. Is it much improved or a bit improved?

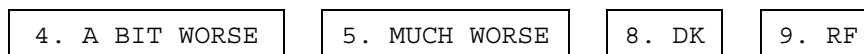
Was it much improved or a bit improved?



D526
Q1575
Q1407X

PC14b. Is it much worse or a bit worse?

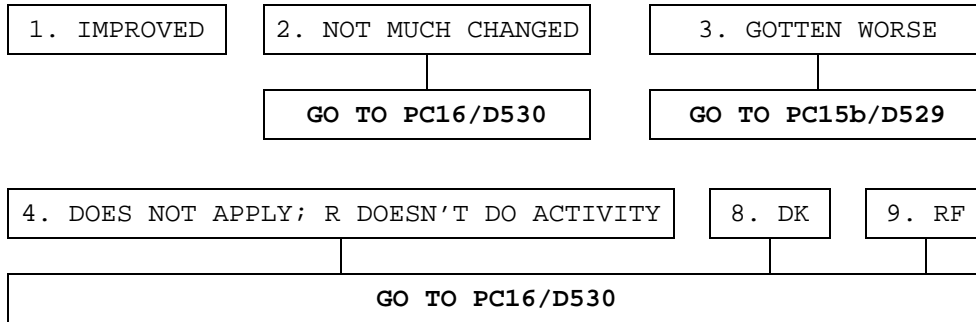
Was it much worse or a bit worse?



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?)

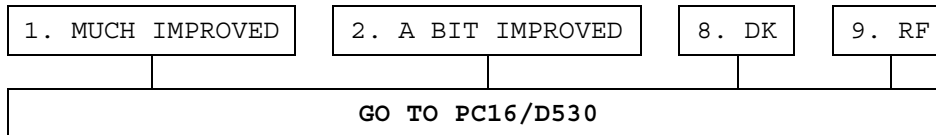
(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Knowing how to work familiar machines around the house?
(Had this improved, not much changed, or gotten worse?)



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?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE
	GO TO PC17/D533	GO TO PC16b/D532
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO PC17/D533		

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
	GO TO PC18/D536	GO TO PC17b/D535
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
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
	GO TO PC19/D539	GO TO PC18b/D538
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY		
	8. DK	9. RF
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?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE
	GO TO PC20/D542	GO TO PC19b/D541
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO PC20/D542		

D540
Q1599
Q1431X

PC19a. 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 PC20/D542			

D541
Q1600
Q1432X

PC19b. 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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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?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE
	GO TO PC21/D545	GO TO PC20b/D544
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO PC21/D545		

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?

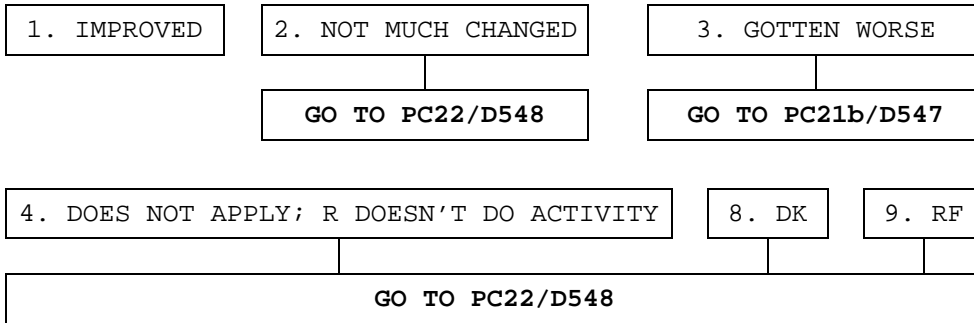
Was it much worse or a bit worse?

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?)

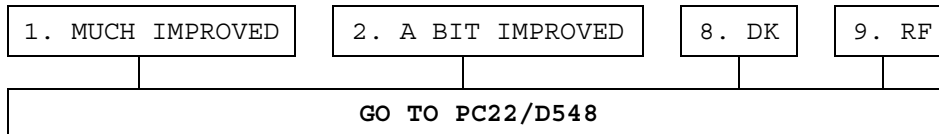
(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH*,
YEAR/two years ago], how was *R's FIRST NAME* at:)
Handling financial matters, for example, a pension or dealing with the
bank?
(Had this improved, not much changed, or gotten worse?)



D546
Q1606
Q1438X

PC21a. Is it much improved or a bit improved?

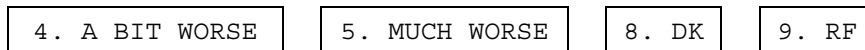
Was it much improved or a bit improved?



D547
Q1607
Q1439X

PC21b. Is it much worse or a bit worse?

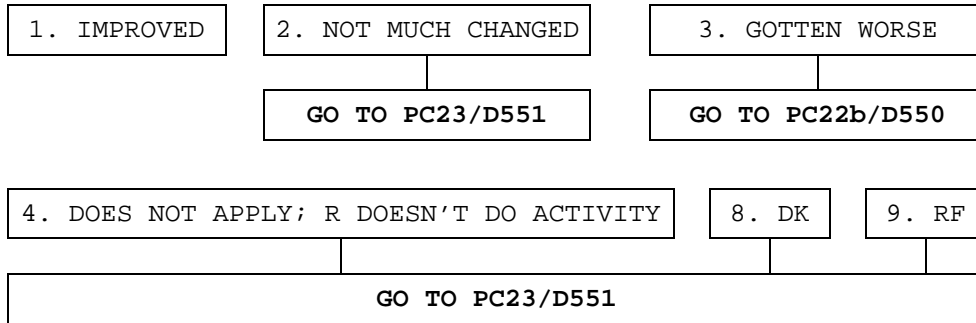
Was it much worse or a bit worse?



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?)

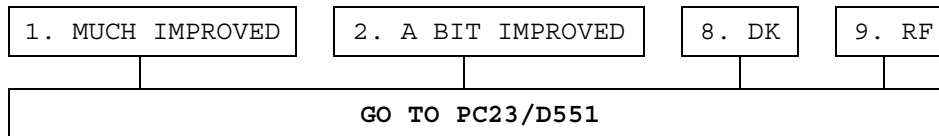
(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Handling other everyday arithmetic problems, such as, knowing how much food to buy, knowing how long between visits from family or friends?
(Had this improved, not much changed, or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



D549
Q1609
Q1441X

PC22a. Is it much improved or a bit improved?

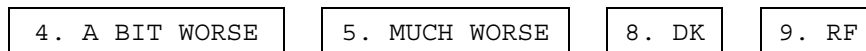
Was it much improved or a bit improved?



D550
Q1610
Q1442X

PC22b. Is it much worse or a bit worse?

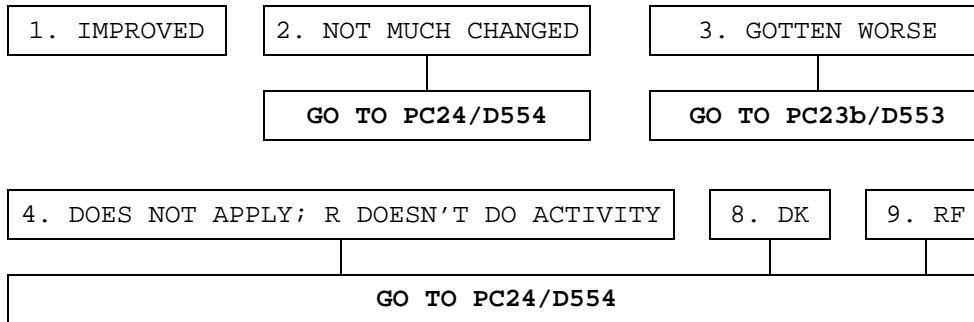
Was it much worse or a bit worse?



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?)

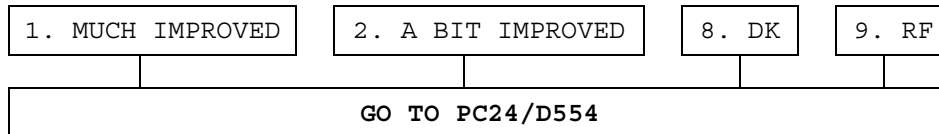
(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Using [his/her] intelligence to understand what was going on and to reason things through?
(Had this improved, not much changed, or gotten worse?)



D552
Q1612
Q1444X

PC23a. Is it much improved or a bit improved?

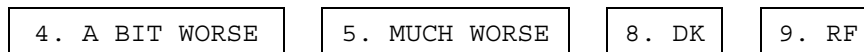
Was it much improved or a bit improved?



D553
Q1613
Q1445X

PC23b. Is it much worse or a bit worse?

Was it much worse or a bit worse?



	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?				

GO TO SECTION E