
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 (A009=1);
PROXY INTERVIEW (A009={2 or 3}) or (A009 NOT 1);
PROXIED RESPONDENT (A009 NOT 1)

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

R's AGE (per A019)

R's FIRST NAME (per X058)

PROXIED R IS AVAILABLE TO ASK ABOUT SOCIAL SECURITY NUMBER (W305=1)

ALTERNATE WAVE VARIABLE IS SET TO ASK QUESTIONS (D190=0):

{D190 = (A504_CurrWaveNdx - 6) MOD 2} = 0};

I.e., When subtracting the Indices (per A504) for Beginning Wave (Index XX1 for YrXXXX) from Current Wave (Index 8 for 2006), and the result is divided by the Wave Interval of XX2, the Integer Result leaves No Remainder

ALTERNATE WAVE VARIABLE IS NOT SET TO ASK QUESTIONS (D190>0):

{D190 = {(A504_CurrWaveNdx - 6) MOD 2} > 0};

I.e., Integer Result yields a Remainder

** IN 2006 THIS ALTERNATE WAVE VARIABLE IS SET TO ASK QUESTIONS **

* 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 shown after that.

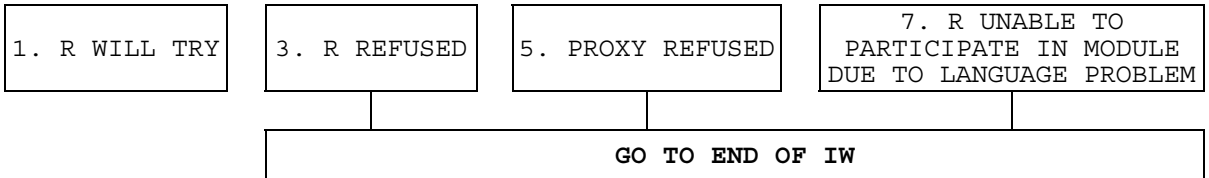
D001 BRANCHPOINT: IF THIS IS A SELF INTERVIEW (A009=1), GO TO D101
(AFTER D006)

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

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

D001

May I speak to *PROXIED RESPONDENT NAME* (per X058) and ask just a few questions?



D002

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
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D003

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
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D004

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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HRS 2006 — SECTION D: COGNITION — PAGE 4

FINAL VERSION 1 — 12/06/2006

D005

Of all the activities you do, what is your favorite one?

[IWER: PRESS [ENTER] IF NONE]

_____	[enter]	DK	RF
ACTIVITY			
GO TO D101			

D006

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

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

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
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HRS 2006 — SECTION D: COGNITION — PAGE 5

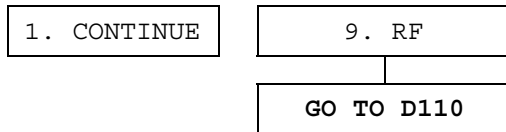
FINAL VERSION 1 — 12/06/2006

D103

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

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]



HRS 2006 — SECTION D: COGNITION — PAGE 6

FINAL VERSION 1 — 12/06/2006

D106

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	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)].

HRS 2006 — SECTION D: COGNITION — PAGE 7

FINAL VERSION 1 — 12/06/2006

D108

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.

D188

IWER: PLEASE INDICATE WHETHER THE R WROTE DOWN ANY OF THE WORDS OR USED SOME KIND OF AID TO RECALL THE WORDS IN THE LIST DURING THE WORD RECALL TEST.

[IWER: CHOOSE THE MOST APPROPRIATE ANSWER]

1. R DEFINITELY USED AID

2. SUSPECT THAT R USED AID,
BUT NOT CERTAIN

3. NO REASON TO THINK R USED AID

8. DK

9. RF

HRS 2006 — SECTION D: COGNITION — PAGE 8

FINAL VERSION 1 — 12/06/2006

D110

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 Much of the time during the past week, you felt depressed. (Would you say yes or no?)				
D111 Much of the time during the past week... You felt that everything you did was an effort. (Would you say yes or no?)				
D112 (Much of the time during the past week...) Your sleep was restless. (Would you say yes or no?)				
D113 (Much of the time during the past week...) You were happy. (Would you say yes or no?)				
D114 (Much of the time during the past week...) You felt lonely. (Would you say yes or no?)				
D115 (Much of the time during the past week...) You enjoyed life. (Would you say yes or no?)				
D116 (Much of the time during the past week...) You felt sad. (Would you say yes or no?)				
D117 (Much of the time during the past week...) You could not get going. (Would you say yes or no?)				

D118 (Much of the time during the past week...) You had a lot of energy. (Would you say yes or no?)				
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D120

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

[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

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 D142		GO TO D142	

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

D125

Let's try again.

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

The number to count backward from is: 20

1. [enter]	8. DK	9. RF
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D127

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

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

D129

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
------------	--------------	----

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

D142

Now let's try some subtraction of numbers.

One hundred minus 7 equals what?

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

_____	DK	RF
ANSWER	GO TO D148 BRANCHPOINT	

D143

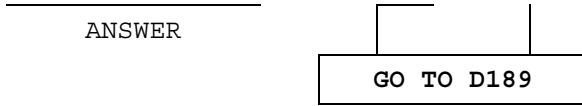
And 7 from that

_____	DK	RF
ANSWER	GO TO D189	

D144

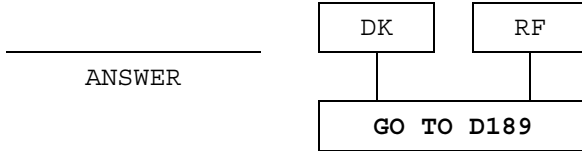
And 7 from that

DK	RF
----	----



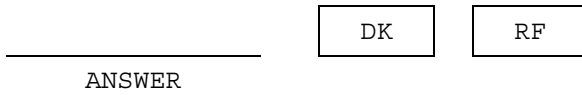
D145

And 7 from that



D146

And 7 from that



D189

IWER: PLEASE INDICATE WHETHER THE R USED PAPER AND PEN/PENCIL OR ANY OTHER AIDS WHEN COMPLETING THE NUMBER SUBTRACTION.

[IWER: CHOOSE THE MOST APPROPRIATE ANSWER]

- | | | |
|----------------------------------|--|-------|
| 1. R DEFINITELY USED AID | 2. SUSPECT THAT R USED AID,
BUT NOT CERTAIN | |
| 3. NO REASON TO THINK R USED AID | 8. DK | 9. RF |

D148 BRANCHPOINT: IF R REFUSED WORD LISTS ({D103=13} or {D182=13, EQUIVALENT TO D106=13}) or R DID NOT REMEMBER ANY WORDS (D182=12, EQUIVALENT TO D106=12), GO TO D150

D148

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

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 [=TOTAL WORDS - # GOOD].

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 D159 BRANCHPOINT

D150

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

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	MONTH:	1. MONTH OK	5. MONTH NOT OK	8. DK	9. RF
D152	DAY:	1. DAY OF MONTH OK	5. DAY OF MONTH NOT OK	8. DK	9. RF
D153	YEAR:	1. YEAR OK	5. YEAR NOT OK	8. DK	9. RF
D154	DAY OF WEEK:	1. DAY OK	5. DAY NOT OK	8. DK	9. RF

D155

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

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

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

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 BRANCHPOINT: IF THIS IS A REINTERVIEW R *and* ALTERNATE WAVE FLAG IS NOT SET TO ASK QUESTIONS (D190>0), GO TO 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 WERE NOT ASKED OF REINTERVIEW Rs IN THE 2004 WAVE, BUT WERE ASKED IN 2002 AND ARE ASKED AGAIN IN 2006.

D159

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
-------------	----	----

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

D161

What is the meaning of the word:

[REPAIR/CONCEAL]

DK	RF
----	----

MEANING

D163

(What is the meaning of) the word:

[FABRIC/ENORMOUS]

DK	RF
----	----

MEANING

D165

(What is the meaning of) the word:

[DOMESTIC/PERIMETER]

_____ DK RF
MEANING

D167

(What is the meaning of) the word:

[REMORSE/COMPASSION]

_____ DK RF
MEANING

D169

(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)

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?

DK	RF
----	----

AMOUNT

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 D170 AND GO TO 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.

DK	RF
----	----

AMOUNT

NOTE: D170. TICS SCORE COUNT:

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

D172/(Tag#=D171) BRANCHPOINT: IF TICS SCORE IS {GREATER THAN OR EQUAL TO 5} (D170 ≥ 5) or R's CURRENT AGE IS LESS THAN 65 (A019<65) or THIS IS NOT A SELF IW (A009 NOT 1), GO TO D171/(Tag#=D173) (D ASSIST)

D172 (Tag#=D171)
RESPONDENT TICS SCORE IS: TICS SCORE COUNT (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 D171/(Tag#=D173) (D ASSIST)	

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

NOTE: IWER MUST ENTER SOMETHING AT THIS SCREEN.

D171 (Tag#=D173)
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
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D501 BRANCHPOINT: IF THIS IS A SELF INTERVIEW (A009=1), GO TO SECTION E
 IF THIS IS A PROXIED RESPONDENT (A009 NOT 1),
 GO TO ({END OF IW}/{INTERVIEWER OBSERVATIONS})

D501

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

D502 BRANCHPOINT: IF R'S CURRENT AGE IS {65 OR OLDER} (A019 ≥ 65) or THIS IS AN EXIT INTERVIEW, GO TO D505 BRANCHPOINT

D502

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

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

D505

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

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 D509	GO TO D508
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D509		

D507

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 D509			

D508

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

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
	GO TO D512	GO TO D511
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D512		

D510

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 D512			

D511

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

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

D513

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 D515			

D514

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

(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?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE
	GO TO D518	GO TO D517
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D518		

D516

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 D518			

D517

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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D518

(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?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE
	GO TO D521	GO TO D520
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D521		

D519

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 D521			

D520

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

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

D522

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 D524			

D523

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

(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
	GO TO D527	GO TO D526
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D527		

D525

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 D527			

D526

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

(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?)

1. IMPROVED	2. NOT MUCH CHANGED	3. GOTTEN WORSE
	GO TO D530	GO TO D529
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D530		

D528

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 D530			

D529

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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D530

(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 D533	GO TO D532
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D533		

D531

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 D533			

D532

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

(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 D536	GO TO D535
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D536		

D534

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 D536			

D535

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

(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 D539	GO TO D538
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D539		

D537

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 D539			

D538

Is it much worse or a bit worse?

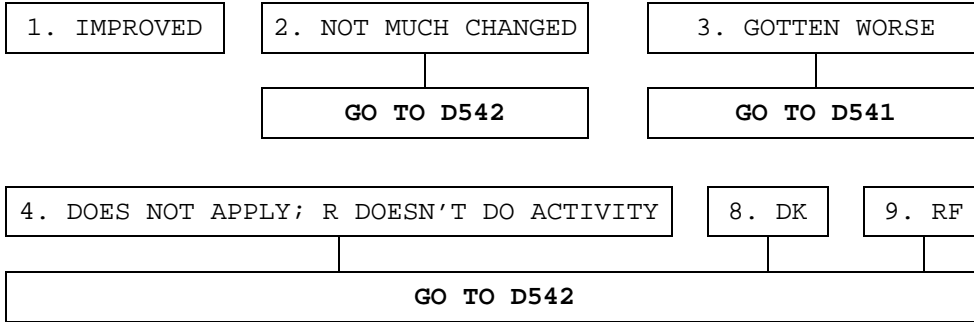
Was it much worse or a bit worse?

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

(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?)

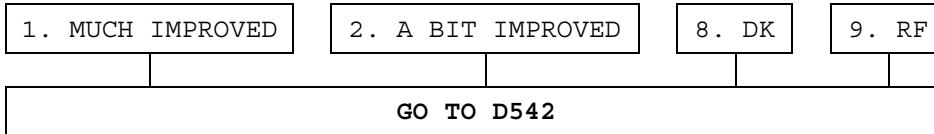
(Compared with [when we interviewed [him/her] in *R's LAST IW MONTH, YEAR/two years ago*], how was *R's FIRST NAME* at:)
Making decisions on everyday matters?
(Had this improved, not much changed, or gotten worse?)



D540

Is it much improved or a bit improved?

Was it much improved or a bit improved?



D541

Is it much worse or a bit worse?

Was it much worse or a bit worse?



D542

(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 D545	GO TO D544
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D545		

D543

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 D545			

D544

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

(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
	GO TO D548	GO TO D547
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D548		

D546

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 D548			

D547

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

(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
	GO TO D551	GO TO D550
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D551		

D549

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 D551			

D550

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

(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
	GO TO D554	GO TO D553
4. DOES NOT APPLY; R DOESN'T DO ACTIVITY	8. DK	9. RF
GO TO D554		

D552

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 D554			

D553

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
<p>D554</p> <p>Now, thinking about some current behaviors, does [he/she] ever get lost in a familiar environment?</p> <p>Did [he/she] ever get lost in a familiar environment?</p>				
<p>D555</p> <p>Does [he/she] ever wander off and not return by [himself/herself]?</p> <p>Did [he/she] ever wander off and not return by [himself/herself]?</p>				
<p>D556</p> <p>Can [he/she] be left alone for an hour or so?</p> <p>[Since R's LAST IW MONTH, YEAR/In the last two years] could [he/she] be left alone for an hour or so?</p>				
<p>D557</p> <p>Does [he/she] ever see or hear things that are not really there?</p> <p>Did R's FIRST NAME ever see or hear things that were not really there?</p>				

GO TO SECTION E