# Using clinic and events records, please investigate whether participant is not currently married or recently widowed. If the participant's marital status is known, you may fill in Question 1.

Hello, may I please speak with (participant)?

Hello, this is (interviewer name) from the Cardiovascular Health Study. Do you have a few minutes to speak on the phone now?

Yes Now I'd like to ask you our questions about your health.

↓ No	
Is there a better time I can call to ask you about your health?	

If interview is not completed (e.g. participant refuses), do not complete this form; record result on Contact Log. Interview completed by:
Participant Proxy
a. If by proxy, reason: Hearing Cognitive Hospitalized Other Illness Other (specify)
b. What is your relationship to (name of CHS participant)?
Family member (other than spouse or child) (Please specify:)         Close friend       Health care provider         Other (Please specify:)       Refused
c. How often do you have contact with (him/her)? Live together Daily (but does <u>not</u> live together) 3 or more times a week Less than 3 times a week Don't know Refused
d. What is the most frequent type of contact?
Both in person and by phone On't know Other (Please specify:)
Refused

1 What is your marital status? Are you...?

O Married
O Widowed
O Divorced
O Separated
O Never Married
O Other
O Don't Know
O Refused

I would like to ask you some questions that we also asked you 6 months ago. The reason for asking them again is to find out how you've been over the last six months.

**2** Would you say, in general, your health is:

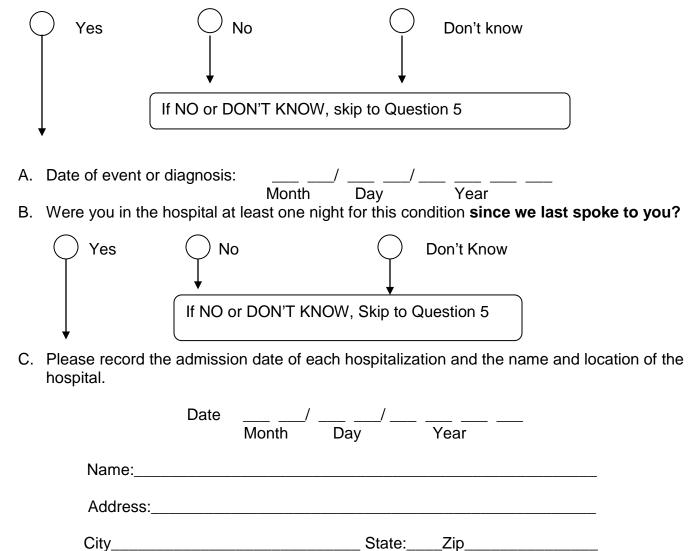
$\bigcirc$	Excellent
$\bigcirc$	Very Good
$\bigcirc$	Good
$\bigcirc$	Fair
$\bigcirc$	Poor
$\bigcirc$	Don't Know
$\bigcirc$	Refused

**3** During the past two weeks, how many days have you stayed in bed all or most of the day because of illness or injury? (Do not include days in a hospital or nursing home. If you do not remember the exact number of days, please estimate as closely as possible.)

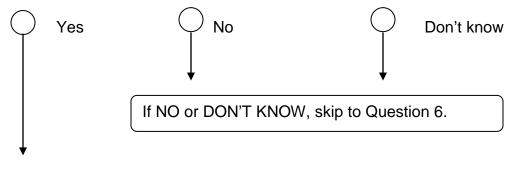
	Days	ODon't Know	Refused
--	------	-------------	---------

Answer "0" if you haven't spent any days in bed in the last two weeks.

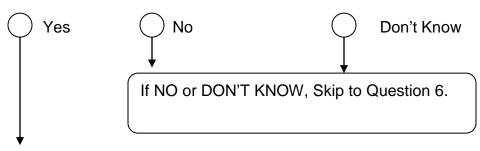
**4** Has a doctor told you that you had a <u>new</u> myocardial infarction or heart attack since we spoke with you last time?



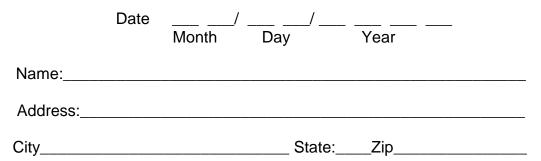
**5** Has a doctor told you that you had a <u>new</u> incident of angina pectoris or chest pain due to heart disease since we spoke with you last time?



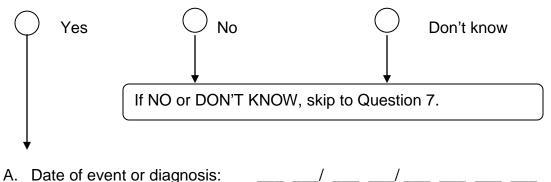
- B. Were you in the hospital at least one night for this condition since we last spoke to you?



C. Please record the admission date of each hospitalization and the name and location of the hospital.



**6** Has a doctor told you that you had a <u>new</u> incident of heart failure or congestive heart failure since we spoke with you last time?

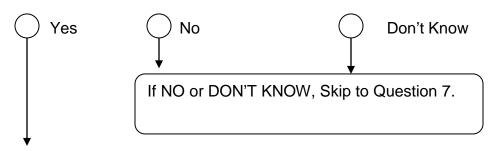


Month

B. Were you in the hospital at least one night for this condition since we last spoke to you?

Day

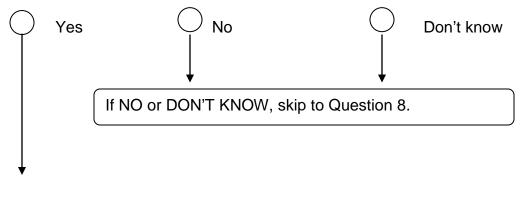
Year



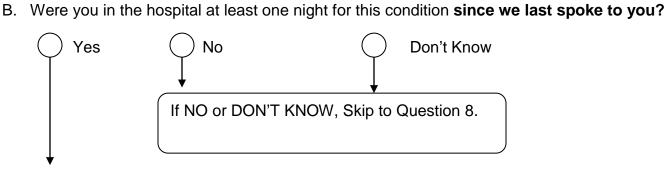
C. Please record the admission date of each hospitalization and the name and location of the hospital.

	Date	// Month	// Day	Year	
Name:					 
Address:					 
City			State:	Zip	

7 Has a doctor told you that you had a <u>new</u> incident of intermittent claudication or pain in your legs from a blockage of the arteries since we spoke with you last time?



Month Day Year



C. Please record the admission date of each hospitalization and the name and location of the hospital.

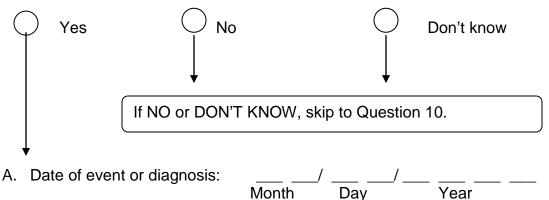
	Date	/////	// Day	Year	
Name:					 
Address:					 
City			State:	Zip	

A. Date of event or diagnosis:

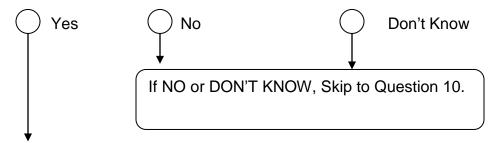
- 8 Has a doctor told you that you had a <u>new</u> stroke or cerebrovascular accident since we spoke with you last time? Yes No Don't know If NO or DON'T KNOW, skip to Question 9. A. Date of event or diagnosis: Day Year Month B. Were you in the hospital at least one night for this condition since we last spoke to you? Don't Know Yes No If NO or DON'T KNOW, Skip to Question 9.
  - C. Please record the admission date of each hospitalization and the name and location of the hospital.

	Date	/ Month	// Day	Year	
Name:					 
Address:					 
City			State:	Zip	

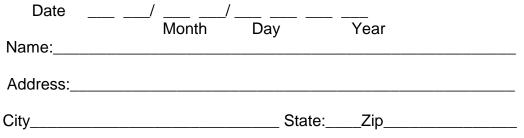
**9** Has a doctor told you that you had a <u>new</u> transient ischemic attack <u>or</u> TIA <u>or</u> mini stroke since we spoke with you last time?



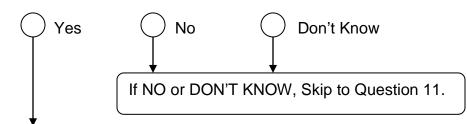
B. Were you in the hospital at least one night for this condition since we last spoke to you?



C. Please record the admission date of each hospitalization and the name and location of the hospital.



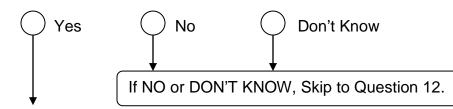
**10** Have you stayed overnight as a patient in a hospital for <u>any other reasons</u> not reported in Questions 4 through 9 since we spoke to you last time?



Now, I would like to ask you for more information about each of your overnight stays at a hospital.

1)	Reason for admission
	Hospital Name
	AddressCity/State
	Date of hospitalization: / / / Length of stay:days Month Day Year
2)	Reason for admission
	Hospital Name
	AddressCity/State
	Date of hospitalization:/// Length of stay:days Month Day Year

**11** Have you stayed overnight as a patient in a nursing home or rehabilitation center since we spoke to you last time?



Now, I would like to ask you for more information about each of your overnight stays at a nursing home or rehabilitation center.

1) Reason for admission\_\_\_\_\_

2) Are you currently staying in a nursing home or rehabilitation center?

Yes No Don't Know

12 "I'm going to read to you a list of conditions. Please respond 'yes' or 'no' if you have been told by a doctor that you any of these conditions FOR THE FIRST TIME DURING THE LAST YEAR."

	No	Yes	Don't Know	Refused
A High Blood Pressure				
B Atrial Fibrillation				
C Deep Vein Thrombosis (blood				
clots in legs)				
D Pulmonary embolism (blood clots in lungs)				
E High lipids or cholesterol				
F Diabetes				

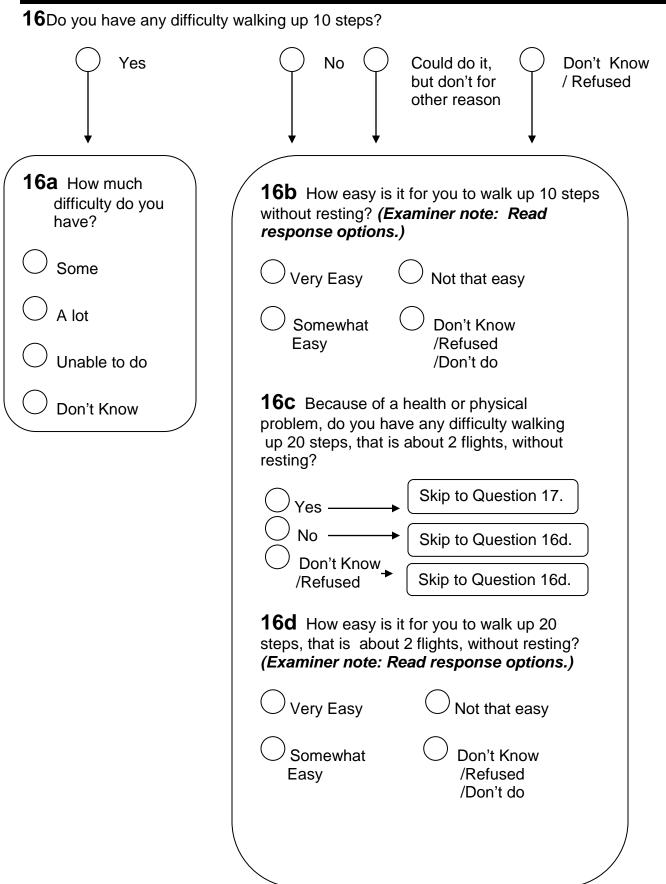
How are you treated for diabetes?	```
Oral Hypoglycemic Agent	
Other:	
How many years have you had Diabetes? Years	
Interviewer Note: If number of years with diabetes is	
unknown, enter "99"	

#### 13 Do you have any difficulty walking half a mile, about 5-6 blocks? Yes No Could do it, Don't Know but don't for / Refused other reason 13b How easy is it for you to walk half a mile, about 5-6 blocks? (Examiner 13a How much note: Read response options.) difficulty do you have? Very Easy Not that easy Some Somewhat Don't Know /Refused Easy A lot /Don't do **13C** Because of a health or physical Unable to do problem, do you have any difficulty walking one mile, that is about 10-12 blocks? Don't Know Skip to Question 14. Yes -No -Skip to Question 13d. Don't Know /Refused Skip to Question 13d. **13d** How easy is it for you to walk one mile, that is about 10-12 blocks? (Examiner note: Read response options.) Very Easy Not that easy Somewhat Don't Know /Refused Easy /Don't do

### CHS Year 30 6-Month Surveillance Call

CHS Year 30 6-Month Surveillance Call
<b>14</b> Do you have any difficulty walking around your home?
Yes O No O Could do it, but don't for other reason O Don't Know/Refuse
If NO, COULD DO IT, BUT DON'T FOR OTHER REASON or DON'T KNOW/REFUSED. Skip to Question 15.
↓ 14a How much difficulty do you have?
Some A lot Unable to do Don't Know/Refused
<b>15</b> Do you have any difficulty getting out of bed or a chair?

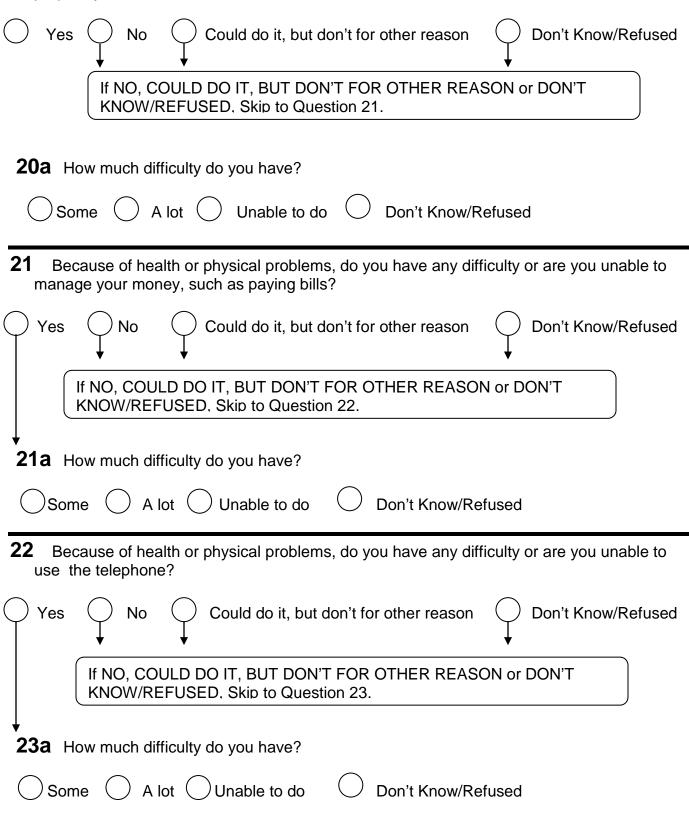
Yes No Could do it, but don't for other reason Don't Know/Refused	ł
If NO, COULD DO IT, BUT DON'T FOR OTHER REASON or DON'T KNOW/REFUSED, Skip to Question 16.	
<b>15a</b> How much difficulty do you have?	
◯ Some ◯ A lot ◯ Unable to do ◯ Don't Know/Refused	



**17** Because of health or physical problems, do you have any difficulty or are you unable to do heavy housework, like scrubbing floors or washing windows; or yard work, like raking leaves or mowing?

Yes No Could do it, but don't for other reason Don't Know/Refused If NO, COULD DO IT, BUT DON'T FOR OTHER REASON or DON'T KNOW/REFUSED. Skip to Question 18.
Some A lot Unable to do Don't Know/Refused
<b>18</b> Because of health or physical problems, do you have any difficulty or are you unable to do light housework?
Yes No Could do it, but don't for other reason Don't Know/Refused
If NO, COULD DO IT, BUT DON'T FOR OTHER REASON or DON'T KNOW/REFUSED. Skip to Question 19. <b>18a</b> How much difficulty do you have?
Some A lot Unable to do Don't Know/Refused
<b>19</b> Because of health or physical problems, do you have any difficulty or are you unable to shop for personal items?
Yes No Could do it, but don't for other reason Don't Know/Refused
KNOW/REFUSED. Skip to Question 20.
<b>19a</b> How much difficulty do you have?

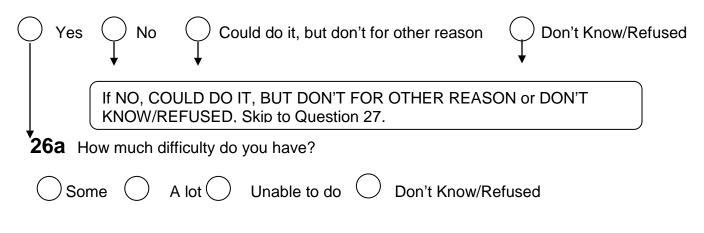
**20**Because of health or physical problems, do you have any difficulty or are you unable to prepare your own meals?



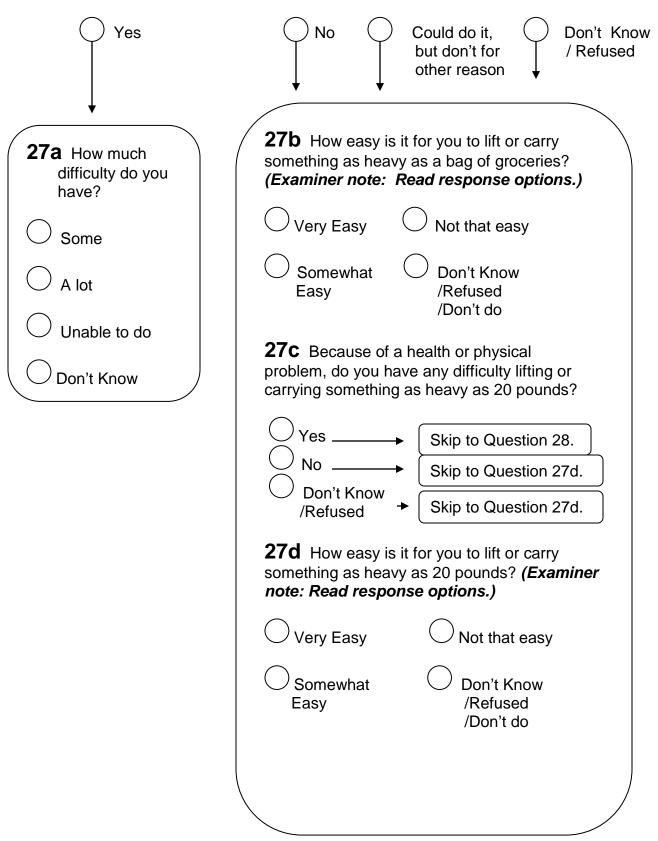
**23** Because of health or physical problems, do you have any difficulty or are you unable to eat, including feeding yourself?

$\bigcirc$ Yes $\bigcirc$ No $\bigcirc$ Could do it, but don't for other reason $\bigcirc$ Don't Know/Refused								
If NO, COULD DO IT, BUT DON'T FOR OTHER REASON or DON'T								
KNOW/REFUSED. Skip to Question 24.								
<b>24a</b> How much difficulty do you have?								
$\sim$ $\sim$ $\sim$ $\sim$								
$\bigcirc$ Some $\bigcirc$ A lot $\bigcirc$ Unable to do $\bigcirc$ Don't Know/Refused								
<b>24</b> Because of health or physical problems, do you have any difficulty or are you unable to								
dress yourself?								
$\sim$ $\sim$ $\sim$								
$\bigcirc$ Yes $\bigcirc$ No $\bigcirc$ Could do it, but don't for other reason $\bigcirc$ Don't Know/Refused								
$\begin{array}{c} \bullet & \bullet \\ \hline \bullet & \bullet \\ \hline \end{array}$								
If NO, COULD DO IT, BUT DON'T FOR OTHER REASON or DON'T								
KNOW/REFUSED. Skip to Question 25.								
<b>24a</b> How much difficulty do you have?								
Some A lot Unable to do Don't Know/Refused								
25 Because of health or physical problems, do you have any difficulty or are you unable to								
bathe or shower?								
Yes No Could do it, but don't for other reason ODon't Know/Refused								
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								
If NO, COULD DO IT, BUT DON'T FOR OTHER REASON or DON'T KNOW/REFUSED, Skip to Question 26.								
<b>25a</b> How much difficulty do you have?								
Some A lot Unable to do O Don't Know/Refused								

**26** Because of health or physical problems, do you have any difficulty or are you unable to use the toilet, including getting to the toilet?



**27** Do you have any difficulty lifting or carrying something as heavy as 10 pounds, such as a bag of groceries?

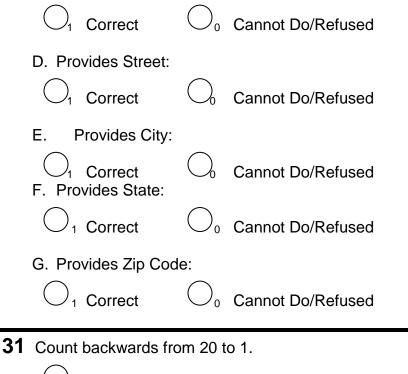


**Directions: To be administered to participant only!** If interview is with a proxy, proceed to **question 39.** Make sure that you have available the participant's home address (you can find it on the Tracking Form).

**Script:** *I* would like to ask you a few questions that require concentration and memory. Some are a bit more difficult than others. Please answer the best you can.

<ul><li>Please tell me your full name:</li><li>A. Provides First Name:</li></ul>							
	$\sim$	Do/Refused					
	B. Provides Last Name:						
	$\bigcirc_1$ Correct $\bigcirc_0$ Cannot	Do/Refused					
<b>29</b> a	<b>a</b> What is today's date? Probe for the enter "9" if no response. (9999 for years)	he month, day, or year if not volunteered. For each box, ear)					
	Date in numerals: Month	Day Year					
<b>29</b> b	<b>b</b> What is the day of the week? <i>Recor</i>	d answer in error. Enter "X" if no response.					
-	Day c	of the week					
	O <sub>1</sub> Correct						
(	O <sub>0</sub> Error/Refused						
	O <sub>9</sub> Not Attempted/Disabled						
29c	<b>C</b> What season of the year is it? <i>Reco</i>	rd answer in error. Enter "X" if no response.					
-	Seas	ิก					
(	O <sub>1</sub> Correct						
	O <sub>0</sub> Error/Refused						
	O <sub>9</sub> Not Attempted/Disabled						

**30** What is your home address? *If incomplete, ask specifics, e.g., "What is your zip code?"* C. Provides House Number:



<sup>0</sup><sub>2</sub> Completely Correct on First Trial



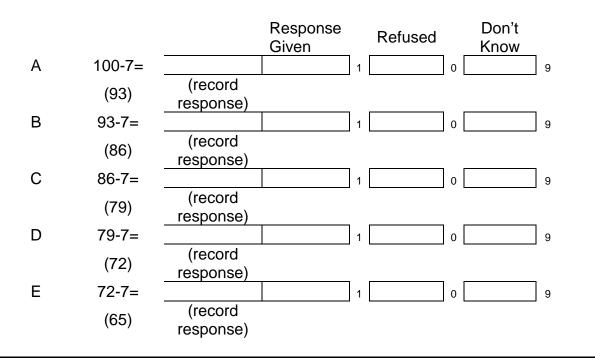
Completely Correct on Second Trial

)0 Any Other Response

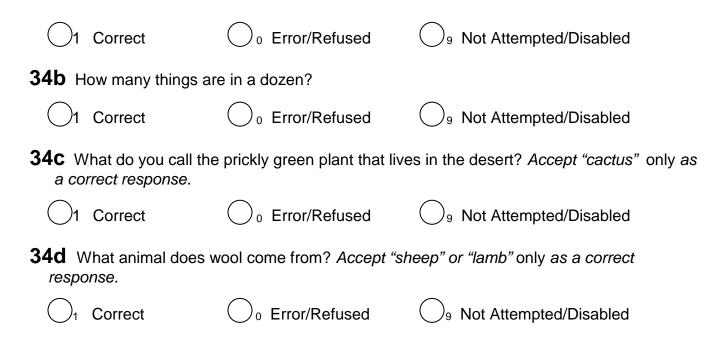
**32** I'm going to read you a list of 10 words. Please listen carefully and try to remember them. When I am done, tell me as many words as you can, in any order. Ready? The words are: cabin, pipe, chest, silk, theatre, watch, whip, elephant, pillow, giant. Now tell me all the words you remember.

	Named		Not Named	
Cabin		1		0
Pipe		1		0
Chest		1		0
Silk		1		0
Theatre		1		0
Watch		1		0
Whip		1		0
Elephant		1		0
Pillow		1		0
Giant		1		0

**33** One hundred minus seven equals what? (etc.) Stop at five subtractions. Record answer given, whether correct or incorrect. Do not tell the participant whether the answer is correct.



**34a** What do people usually use to cut paper? *Accept "scissors" or "shears"* only as a correct response.



**35a** Say "No ifs, ands or buts." Pronounce the individual words clearly, but at a normal tempo of a spoken sentence. Give no credit if the participant gives and incorrect response. Repeat only if you make a mistake. Speak distinctly.

* no	ifs	1 Correct		O Error/Refused	Og Not Attempted/Disabled				
* and	s	O <sub>1</sub> Correct		O <sub>0</sub> Error/Refused	O <sub>9</sub> Not Attempted/Disabled				
* or bi	uts	1 Correct		O Error/Refused	9 Not Attempted/Disabled				
35b	Say	this: "Methodist E	pisco	pal."					
(	)1	Correct	$\bigcirc$	0 Error/Refused	9 Not Attempted/Disabled				
	<b>36a</b> Who is the President of the United States right now? Accept "Donald J. Trump" or "Donald Trump" as the correct response. If only the last name is given, probe for the first name and vice versa.								
(	)1	Correct	$\bigcirc$	0 Error/Refused	9 Not Attempted/Disabled				
	<b>36b</b> Who is the Vice President right now? Accept "Michael Pence" or "Mike Pence" as the correct response. If only the last name is given, probe for the first name and vice versa.								
1 Correct     0 Error/Refused     9 Not Attempted/Disabled									
37	With	your finger, tap fi	ve tin	nes on the part of the phone	you speak into.				
(	2 5 Taps Heard 1 Fewer or More Than 5 Taps								
(	O   Refused   Image: Second secon								
I am going to give you a word, and I want you to give me it's opposite. For example, the opposite of "hot" is "cold".									
<b>38</b> v	Vhat i	s the opposite of "	wesť	?					
(	1	Correct	$\bigcirc$	0 Error/Refused	9 Not Attempted/Disabled				
<b>38a</b> What is the opposite of "generous"? Accept the following words as correct: "selfish," "greedy," "stingy," "tight," "cheap," "mean," "meager," "skimpy," or other antonyms you feel are appropriate.									
	$\sim$								

**39** Special Problems? (Interviewer Note: If any question is marked as "Not Attempted/Disabled", the following portion must be completed. You may also mark this if no other questions have been answered).

)
_

Secondary Problem (Specify:\_\_\_\_\_)

Administer IQCODE if interview is being conducted with the proxy. Once there is evidence of participant's cognitive impairment by either the IQCODE score  $\geq$  3.6 or the proxy reporting the reason the participant is not completing the interview is due to cognitive impairment, the IQCODE will not be administered in the future.

INSTRUCTIONS: We want you to remember what your friend or relative was like <u>10 years</u> ago. We'd like you to compare him/her to what he/she is like now. Below are situations in which this person has to use his/her memory or intelligence. We want you to tell us whether this has improved, stayed the same, or become worse in the following situations during the past 10 years. It is important to compare his/her present performance with 10 years ago. So, if 10 years ago this person always forgot where he/she left things, and he/she still does, you would mark, "not much change." Please check the appropriate answer for each item to the best of the proxy's knowledge.

Compared with 10 years ago, how is this person at:

**40** Remembering things about family and friends, such as their occupations, birthdays and addresses.



**41** Remembering things that happened recently.

1 Much Improved
 2 A Bit Improved
 3 Not Much Change
 4 A Bit Worse
 5 Much Worse
 9 Don't Know

42 Recalling conversations a few days later.

∫ 1 Much Improved

)<sub>2</sub> A Bit Improved

) ₃ Not Much Change

\_\_\_\_₄ A Bit Worse

- ∫\_5 Much Worse
- \_\_\_\_9 Don't Know

Remembering his/her address and phone number.
1 Much Improved
2 A Bit Improved
3 Not Much Change
4 A Bit Worse
5 Much Worse
9 Don't Know

**44** Remembering the month and day.

∫ 1 Much Improved

2 A Bit Improved

3 Not Much Change

- )₄ A Bit Worse
- ∫\_5 Much Worse
- 9 Don't Know

**45** Remembering where things are usually kept.

O ₁ Much Improved

- $\bigcirc_2$  A Bit Improved
- ) 3 Not Much Change
- ) 4 A Bit Worse
- ∫ ₅ Much Worse
- 9 Don't Know

**46** Remembering where to find things that have been put in a different place than usual.

- 2 A Bit Improved
- ) ₃ Not Much Change
- \_\_\_₄ A Bit Worse
- ∫5 Much Worse
- 🔵 🤋 Don't Know

**47** Knowing how to work familiar machines around the house.

J₁ Much Improved

)<sub>2</sub> A Bit Improved

3 Not Much Change

\_\_\_\_₄ A Bit Worse

- ∫\_5 Much Worse
- ) 9 Don't Know

**48** Learning to use a new gadget or machine around the house.

- $\bigcirc_2$  A Bit Improved
- ) ₃ Not Much Change
- \_\_\_₄ A Bit Worse
- ∫ 5 Much Worse
- 🔵 🤋 Don't Know
- **49** Learning new things in general.
  - ✓ 1 Much Improved
  - $\bigcirc$  2 A Bit Improved
  - ) 3 Not Much Change
  - \_\_\_\_ ₄ A Bit Worse
  - ∫ ₅ Much Worse
  - 9 Don't Know

- Following a story in a book or on TV.
  1 Much Improved
  2 A Bit Improved
  3 Not Much Change
  4 A Bit Worse
  5 Much Worse
  9 Don't Know
- 51 Making decisions about everyday matters.
  1 Much Improved
  2 A Bit Improved
  3 Not Much Change
  4 A Bit Worse
  5 Much Worse
  9 Don't Know

  52 Handling money for shopping.

  1 Much Improved
  2 A Bit Improved
  - ) 3 Not Much Change
  - )<sub>4</sub> A Bit Worse
  - ∫\_5 Much Worse
  - 9 Don't Know

- Handling financial matters such as pensions, dealing with banks.
  1 Much Improved
  2 A Bit Improved
  3 Not Much Change
  4 A Bit Worse
  5 Much Worse
  9 Don't Know
- **54** Handling everyday arithmetic problems (knowing how much food to buy, how long between visits from family or friends).



55

Using his/her intelligence to understand what's going on and to reason things through.

- → 1 Much Improved
- 2 A Bit Improved
- 3 Not Much Change
- \_\_\_\_₄ A Bit Worse
- ∫<sub>5</sub> Much Worse
- 🔘 🤋 Don't Know

56	Interviewer: Were there any special problems associated with this interview?									
	<pre></pre>									
	Hearing Problems									
	Language (difficulty speaking or understanding English)									
	B Cognition of proxy									
$\bigcirc$	Other (Specify:)									
57	Do you live alone or with other people?									
<b>57</b>	Do you live alone or with other people? Alone Skip to Question 58. With other people									
<b>57</b>	Alone Skip to Question 58.									
57	Alone Skip to Question 58.									

A. Who do you live with (for example, with your spouse, relatives or friends)? *Interviewer Note: Read response options. Mark <u>all</u> that apply.)* 

Spouse
 Other relatives, in-laws, or friends
 Unrelated individuals (e.g., paid help)
 Don't know
 Refused

58	In what type of home or residence do you live?									
	<sup>1</sup> Community-dwelling single family home or apartment									
	<sup>2</sup> Home, apartment or other unit where optional services are provided such as									
	or housekeeping, but NO staff dispensing of medication.									
	<sup>3</sup> Apartment or other unit where there are staff dispensing and watching you your medication.									
	$\bigcirc$	<sup>4</sup> Facility where you are provided with assistance in most or all of your daily needs including <b>staff dispensing and watching you take your medications</b> , meals, bathing, etc.								
	$\bigcirc$	<sup>5</sup> Other (specify)								
	$\bigcirc$	<sup>9</sup> Don't know/refused								

59	59 Do you plan to be out of the area 6 months from now?								
	⊖ Yes	; (	No			on't Know	$\bigcirc$	Refused	
If NO, DON'T KNOW or REFUSED, Skip to Question 59 B									
<ul> <li>A. Are you moving out of the area permanently or will you only be gone temporarily?</li> <li>i. Permanently</li> </ul>									orarily?
		a. Do	you kno	ow what	your new	address an	d telepl	hone numbe	er will be?
		$\bigcirc$	Yes		$\bigcirc$	No			
				Do you to? Area:_		ich general	-	ou will be m	oving
Please call us to let us know your new phone number. You are welcome to o wish.									
						Street			_
			City			State	-	Zip Code	-
( ) Telephone Number							er		
ii. Temporarily Out of the Area (vacation, business, etc)									
		Whe	en will yo	ou return	?				
		Mc	/ onth	Y	ear	_			
		W	nen you	come ba	ick, please	e call us.			

B. You previously provided us with information about friends or relatives who keep in touch with you, or could provide information and answer questions for you if you were unable to answer for yourself. It is important we include at least one person who does not live with you, and who is not planning to move any time soon. Please tell me if the information is still correct.

Go to the *Participant Tracking Information Sheet* and verify or update. Attempt to obtain information on 1 or 2 people who do not live with the participant.

Please use this space to record any additional information reported by the participant or proxy that includes subjective report of general health, medical conditions or treatment, changes in health and anything that may provide a better picture of the subject's condition. Examples may include changes in eating habits and weight, physical limitations and mobility issues, cognitive decline, sensory changes, specific new medical diagnoses, etc. This information will be made available to the adjudicators from calls completed prior to the death.

Thank you very much for answering these questions. I enjoyed talking to you.