

HEALTH MODULE (HE)

HEHELF

Now I would like to ask you some questions about your health. **Would you say your health is...**

INTERVIEWER: Read out...

- 1 excellent,
- 2 very good,
- 3 good,
- 4 fair,
- 5 or, poor?

HELL*

[^Do you / Does [^name]] have any long-standing illness, disability or infirmity? By long-standing I mean anything that has troubled [^you / [^name]] over a period of time, or that is likely to affect [^you / [^name]] over a period of time.

- 1 Yes
- 2 No

IF whether has long-standing illness = yes [Hell = 1]

HELIM*

(Does this / Do these) illness(es) or disability(ies) limit [^your / [^name's]] activities in any way?

- 1 Yes
- 2 No

END OF FILTER

HELWK

Do you have any health problem or disability that limits the kind or amount of paid work you could do, should you want to?

- 1 Yes
- 2 No

IF whether health limits paid work = yes [HeLWk = 1]

HETEMP

Is this a health problem or disability that you expect to last less than three months?

- 1 Yes
- 2 No

END OF FILTER

HEFINT* @

The next question asks about difficulties you may have walking a quarter of a mile because of a health problem. By health problem we mean any long-term physical, mental or emotional problem or illness.

1 Press <1> and <Enter> to continue.

HEFUNC*

By [^yourself / himself / herself] and without using any special equipment, how much difficulty [^do you / does [^name]] have walking for a quarter of a mile? [^Do you / Does he / Does she] have...

INTERVIEWER: Read out...

- 1 ...no difficulty,

- 2 some difficulty,
- 3 much difficulty,
- 4 or, [^are you / is he / is she] unable to do this?

HEEYE*

Is [^your / [^name's]] eyesight (using glasses or corrective lens if [^you use / he uses / she uses] them)...

INTERVIEWER: Read out...

- 1 ...excellent,
- 2 very good,
- 3 good,
- 4 fair,
- 5 or, poor?
- 6 SPONTANEOUS: Registered or legally blind

IF eyesight is fair, poor, or blind [HEEYE = 4, 5, or 6]

HEEYEA*

^Are/Is ^you/name registered with your local council as partially sighted (also known as sight impaired), or blind (also known as severely sight impaired)?

- 1 Partially sighted (also known as sight impaired)
- 2 Blind (also known as severely sight impaired)
- 3 Not registered as being sight impaired

END OF FILTER

IF (eyesight condition <> blind) [Heeye <> 6]

HEFRND

How good is your eyesight for seeing things at a distance, like recognising a friend across the street (using glasses or corrective lenses if use them)? Would you say it is...

INTERVIEWER: Read out...

- 1 ...excellent,
- 2 very good,
- 3 good,
- 4 fair,
- 5 or, poor?

HEPAP

How good is your eyesight for seeing things up close, like reading ordinary newspaper print (using glasses or corrective lenses if use them)? Would you say it is...

INTERVIEWER: Read out...

- 1 ...excellent,
- 2 very good,
- 3 good,
- 4 fair,
- 5 or, poor?

END OF FILTER

IF (types of eye conditions at last interview = RESPONSE) AND NOT (types of eye conditions at last interview = none)

[(HeOpt (Last int) = RESPONSE) AND NOT (HeOpt (Last int) = 96)]

HEOPC @

Our records show that when we last interviewed you [^on <date of last interview>], you said that you had had (or had been told by a doctor you had had) [^glaucoma or suspected glaucoma / diabetic eye disease / macular degeneration / cataracts].

INTERVIEWER: Code 1 below unless respondent spontaneously disputes this record.

1 Yes

2 No

[Multiple responses to HEOPC are recoded in variables HEOPCGL, HEOPCDI, HEOPCDI, HEOPCMD, HEOPCCA]

IF whether confirms previous eye condition = No [HeOpC = 2]

HEOPN @

INTERVIEWER: Code reason why respondent disputes the [^glaucoma or suspected glaucoma / diabetic eye disease / macular degeneration / cataracts] report.

Respondent says...

1 Never had

2 No longer has

3 Did not have previously, but has now

4 Misdiagnosed

[There is a separate variable for responses about each of the type of illness respondent disputes. Responses are recoded in HEOPNGL HEOPNDI HEOPNMD HEOPNCA]

END OF FILTER

IF whether confirms previous eye condition = Yes [HeOpC = 1]

HEOPS @

Do you still have [^glaucoma or suspected glaucoma / diabetic eye disease / macular degeneration / cataracts]?

1 Yes

2 No

[There is a separate variable for responses about each of the type of illness respondent disputes. Responses are recoded in HEOPSGL HEOPSDI HEOPSMMD HEOPSCA]

END OF FILTER

END OF FILTER

HEOPT* @

[^Has / Apart from what you have already told us and thinking about what has happened since we last saw [^you / ^name] on [^date of last interview] has] a doctor or optician [^BLANK /ever] told [^you/ ^name] that [^you have/ he has/ she has] (or [^you/ he/ she] had) [^BLANK /any of these other conditions]...

INTERVIEWER: Read out each in turn and code all that apply.

Include Diabetic Retinopathy in code 2.

Include age related Maculopathy in code 3.

1 [^Glaucoma or suspected glaucoma]

2 [^Diabetic eye disease]

3 [^Macular degeneration]

4 [^Cataracts]

96 None of these

[Multiple responses to HEOPT are recoded in variables HEOPTGL HEOPTDI HEOPTMD HEOPTCA HEOPT96]

[code maximum 4 out of 5 possible responses]

[CHECK HE7-HE9]

IF ((types of eye conditions = cataract OR (types of eye conditions at last interview = cataract AND whether confirms previous eye condition = yes)) AND (eyesight condition = fair, poor, blind OR eyesight at a distance = fair, poor OR eyesight up close = fair, poor))

[((HeOpT = 4 OR (HeOpT (Last int) = 4 AND HeOpC = 1)) AND (Heeye = 4, 5, 6 OR Hefrnd = 4, 5 OR Hepap = 4, 5))]

HEDREYE

Has a doctor or optician ever recommended that you have your cataracts removed?

1 Yes

2 No

END OF FILTER

IF ((types of eye conditions = cataracts) OR (whether confirms previous eye condition = yes) OR (why disputes condition = no longer has)) AND whether anyone recommended cataracts removed <> no [((HeOpT = 4) AND ((HeOpC = 1) OR (HeOpN = 2)) AND HeDrEye <> 2)]

HECAT*

[^Have you / Has he / Has she] / Since we last talked to [^you / [^name]] on [^<date of last interview>] [^have you / has he / has she]] [^BLANK / ever] had cataract surgery?

1 Yes

2 No

IF whether has had cataract surgery = Yes [HeCat = 1]

HECATN*

Was [^your/[^name's]] cataract surgery [^since] paid for privately or by the NHS?

INTERVIEWER: Count as *NHS* if the operation was on private premises but paid for by the NHS. Count as *private* if the operation was on NHS premises but paid for privately.

1 Privately/Insurance

2 NHS

3 Both

END OF FILTER

END OF FILTER

HEHEAR*

Is [^your / [^name's]] hearing (using a hearing aid if [^you use / he uses / she uses] one)...

INTERVIEWER: Read out...

1 ...excellent,

2 very good,

3 good,

4 fair,

5 or, poor?

IF (IAskPx[PNum] <> Yes)

HEHDif

Do you ever have any difficulties with your hearing?

- 1 Yes
- 2 No

HESpch

Do you have difficulty having a conversation with several people in a group (using a hearing aid if [^you use / he uses / she uses] one?

INTERVIEWER: If Yes, probe: With slight difficulty, moderate difficulty, or great difficulty?

- 1 No
- 2 Yes, slight difficulty
- 3 Yes, moderate difficulty
- 4 Yes, great difficulty

HEHRA

Do you find it difficult to follow a conversation if there is background noise, such as TV, radio or children playing (using a hearing aid as usual)?

- 1 Yes
- 2 No

IF has difficulty following a conversation in background noise = yes [HEHRA = 1 (yes)]

HEHRAB

Would you say you have slight difficulty, moderate difficulty or great difficulty following a conversation if there is background noise (such as TV, radio or children playing) (using a hearing aid as usual)?

INTERVIEWER: If respondent says they have no difficulty go back to previous question (HeHra) and change answer to 'No'.

- 1 Slight difficulty
- 2 Moderate difficulty
- 3 Great difficulty

END OF FILTER

IF ((hearing = fair OR hearing = poor) OR (has difficulty following a conversation in background noise = yes))

[((HeHear = 4 (fair) OR HeHear = 5 (poor)) OR (HeHra = 1 (yes)))]

HEHRB

Have you told a doctor or nurse about your hearing problems?

- 1 Yes
- 2 No

IF told doctor/nurse about hearing problems = yes [HEHRB = 1 (yes)]

HEHRC

When you told the doctor or nurse about your hearing problems, did he or she refer you to an ear specialist to check your hearing?

INTERVIEWER: PROBE - 'By ear specialist we mean an ENT doctor, an ear nose and throat doctor, an otolaryngologist, or an audiologist.

An audiologist may perform an extensive hearing test.

1 Yes

2 No

HEHRD

Has any doctor or nurse or ear specialist recommended a hearing aid?

1 Yes

2 No

END OF FILTER

END OF FILTER

HEHAID

Nowadays, do you ever wear a hearing aid?

INTERVIEWER: If Yes ask: Do you wear your hearing aid(s) some of the time or most of the time?

1 Yes, most of the time,

2 Yes, some of the time,

3 No

IF whether wears a hearing aid = No [HehAid = 3 (No)]

HEADTR

Have you ever tried one?

1 Yes

2 No

END OF FILTER

IF ((whether wears a hearing aid = yes, most of the time) OR (whether wears a hearing aid = Yes, some of the time)) [HehAid = 1 (Yes, most of the time) OR HehAid = 2 (yes, some of the time)]

HEADN

How many hearing aids do you usually wear?

INTERVIEWER: This question is asking about whether a hearing aid is worn in one or both ears.

1 One

2 Two

HEADNH

Did you get your hearing aid free through the NHS or did you pay for it privately?

1 Free through the NHS

2 Paid privately

3 Both NHS and privately

END OF FILTER

HEDNTA

Would you say ^yourname[pnum] dental health (mouth, teeth and/or dentures) is ...READ OUT...

- 1...excellent,
- 2...very good,
- 3...good,
- 4...fair,
- 5 or, poor?

HEDNTD

Adults usually have up to 32 natural teeth but over time people lose some of them. How many natural teeth ^have/has/^you got? Is it...READ OUT

- 1...None at all,
- 2...Between 1 and 9 natural teeth,
- 3...Between 10 and 19 natural teeth,
- 4...20 or more natural teeth

HEDNTE

Now, I would like to ask you about having dentures.
Code 1 and enter to continue.

HEDNTF

^Dodoes[pnum] ^youname[pnum] have a denture or removable false teeth for ^your/his/her upper jaw?

- 1 Yes
- 2 No

HEDNTG

Dodoes[pnum] ^youheshe[PNum] ^havehas[pnum] a denture or removable false teeth for ^your/his/her lower jaw?

- 1 Yes
- 2 No

END FILTER

IF (IAskPx[PNum] <> Yes)

HeDntB

SHOW CARD C1

In the past 6 months, have any problems with ^yourname[pnum] mouth, teeth or dentures caused ^himher[pnum] to have any of the following?

CODE ALL THAT APPLY.

- 1 Difficulty eating food
- 2 Difficulty speaking clearly
- 3 Problems with smiling, laughing and showing teeth without embarrassment

4 Problems with emotional stability, for example, becoming more easily upset than usual,
5 Problems enjoying the company of other people such as family, friends or neighbours,
96 None of these

IF (age >= 65) [AgeOf >= 65]

HEBPCHK

In the past year, has any doctor or nurse checked your blood pressure?

- 1 Yes
- 2 No

END OF FILTER

IF (type of CVD condition at last interview = RESPONSE) AND NOT (type of CVD condition at last interview = none)

[(HeDiaa (Last int) = RESPONSE) AND NOT (HeDiaa (Last int) = 96)]

LOOP FOR EACH CVD CONDITION AT LAST INTERVIEW

HEDIAC*@

INTERVIEWER: Please check the following sentence before reading out loud.

[^BLANK / Our records show that when we last interviewed [^you / [^name]] on [^date of last interview] [^you / he / she] said that [^you / he / she] had had (or had been told by a doctor [^you / he / she] had had) / Our records also show that when we last interviewed [^you / [^name]] on [^date of last interview] [^you / he / she] said that [^you / he / she] had had (or had been told by a doctor [^you / he / she] had had) [^high blood pressure or hypertension / angina / a heart attack (including myocardial infarction / or coronary thrombosis) / congestive heart failure / a heart murmur / an abnormal heart rhythm / diabetes or high blood sugar / a stroke (cerebral vascular disease)].

INTERVIEWER: Code 1 below unless respondent spontaneously disputes this record.

- 1 Yes
- 2 No
- 3 Not read out as didn't make sense

[There is a separate variable for responses about each CVD condition. Responses are recoded in: HEDACBP HEDACAN HEDACMI HEDACHF HEDACAR HEDACDI HEDACST HEDACCH HEDACOT]

IF whether confirms previous CVD condition = no [HeDiaC = 2]

HEDIAN@*

INTERVIEWER: Code reason why respondent disputes having had [^high blood pressure or hypertension / angina / a heart attack (including myocardial infarction / or coronary thrombosis) / congestive heart failure / a heart murmur / an abnormal heart rhythm / diabetes or high blood sugar / a stroke (cerebral vascular disease)]. Respondent says...

- 1 Never had
- 2 No longer has
- 3 Did not have previously, but has now
- 4 Misdiagnosed

***[There is a separate variable for responses about each of the type of illness]
[Responses are recoded in HEDANBP HEDANAN HEDANMI HEDANHF HEDANHM HEDANAR HEDANDI HEDANST HEDANCH HEDANOT]***

END OF FILTER

IF (whether confirms previous CVD condition = yes) AND NOT (CVD condition at last interview =[Heart attack, diabetes or high blood sugar, or stroke])
[(HeDiaC = 1) AND NOT (PSeq = [3,7,8])]

HEDIAS* @

[^Do you / Does [^name]] still have [^high blood pressure or hypertension / angina / a heart attack etc.]?

INTERVIEWER: If spontaneously says that it is controlled by treatment code 'Yes'.

1 Yes

2 No

[There is a separate variable for responses about each of the type of illness]
[Responses to HEDIA are recoded in variables HEDASBP HEDASAN HEDASHF HEDASHM HEDASAR HEDASCH HEDASOT]

END OF FILTER

END OF FILTER

END OF FILTER

HEDIAA@*

SHOW CARD C2

[^Has / Apart from what you have already told us, and thinking about what has happened since we last saw [^you / [^name]] on [^date of last interview] has] a doctor [^BLANK / ever] told [^you / [^name]] that [^you have / he has / she has] (or have had) any of the [^BLANK / other] conditions on this card?

INTERVIEWER: PROBE - 'What others?' Code all that apply.

01 [^High blood pressure or hypertension]

02 [^Angina]

03 [^A heart attack (including myocardial infarction or coronary thrombosis)]

04 [^Congestive heart failure]

05 [^A heart murmur]

06 [^An abnormal heart rhythm]

07 [^Diabetes or high blood sugar]

08 [^A stroke (cerebral vascular disease)]

09 [^High cholesterol]

95 [^Any other heart trouble (SPECIFY)]

96 None of these

[Multiple responses to HEDIAA are recoded in variables HEDIABP HEDIAAN HEDIAMI HEDIAMI HEDIAHF HEDIAHM HEDIAAR HEDIADI HEDIAST HEDIACH HEDIA95 HEDIA96]
[code maximum 10 out of 11 possible responses]

[CHECK HE12-HE13]

IF type of CVD condition = other [HeDiaa = 95]

HEDIX* @

INTERVIEWER: Enter name of other heart condition.

String 30

[Open responses to HEDIX are coded and merged with the multiple responses to HEDIAA (recoded as above). These merged responses are recoded in variables: HEDIMBP HEDIMAN HEDIMMI HEDIMHF HEDIMHM HEDIMAR HEDIMDI HEDIMST HEDIMCH HEDIM85 HEDIM86 HEDIM96]

END OF FILTER

[CHECK HE14]

IF (type of CVD condition = high blood pressure) OR (type of CVD condition at last interview = high blood pressure AND reason for disputing high blood pressure <> Never had the condition, Misdiagnosed)

[(HeDiaa = 1) OR ((HeDiaa (Last int) = 1 AND HeDiaN <> 1 AND HeDiaN <> 4))]

HEHIBPB @

Some doctors suggest that some patients take medication to lower their blood pressure. Did a doctor or nurse ever suggest that you take any medication to lower your blood pressure?

1 Yes

2 No

[Response to HEHIBPB is recoded in variable HEHBPB]

END OF FILTER

IF ((type of CVD condition = high blood pressure) OR ((type of CVD condition at last interview = high blood pressure AND still has the previous condition = yes)) AND whether medication is taken <> no)

(((HeDiaa = 1) OR(HeDiaa (last int) = 1 AND HeDiaS = 1)) AND Hehibpb <>2)]

HEMDA*

[^Are you / Is [^name]] currently taking any medication, tablets or pills for high blood pressure?

1 Yes

2 No

END OF FILTER

IF ((whether still has CVD condition = no) OR (reason CVD condition disputed= no longer has) OR (whether taking medication for the condition at last interview = yes) OR (whether taking medication to prevent high BP = yes)) AND whether taking medication for high BP <> EMPTY AND whether recommended medication to lower BP <>No)

(((HeDiaN = 2) OR (HeDiaS = 2) OR (HEMdab (Last int) = 1) OR (HEMda (Last int) = 1)AND (HEMda <> EMPTY) AND (Hehibpb <>No))]

HEMDAB

Can I just check, are you taking any medication which prevents you from getting high blood pressure?

INTERVIEWER: If respondent queries the question say that they previously did report having high blood pressure.

END OF FILTER

IF type of CVD condition at last interview <> RESPONSE AND type of heart condition = angina [HeDiaa (Last int) <> RESPONSE AND HeDiaa = 2]

HEAGA*

Approximately how old [^were you/ was [^name]] when [^you were/ he was /she was] first told by a doctor that [^you/ he/ she] had angina?

INTERVIEWER: Enter age in years.

Range: 0..110

[CHECK HE15-HE16]

END OF FILTER

*IF ((type of CVD condition = angina) AND (type of CVD condition at last interview = RESPONSE) AND NOT (type of CVD condition at last interview = angina))
[((HeDiaa = 2) AND (HeDiaa (Last int) = RESPONSE) AND NOT (HeDiaa (Last int) = 2))]*

HEAGAR

When [^were/was] [^you/[^name]] first told by a doctor that you had angina?

INTERVIEWER: Enter response in month and year.

01 January

02 February

03 March

04 April

05 May

06 June

07 July

08 August

09 September

10 October

11 November

12 December

HEAGARY

INTERVIEWER: Enter the year at this question.

Range:1900..2200

[CHECK HE17-HE18]

END OF FILTER

IF type of CVD condition = angina [HeDiaa = 2]

HEYRA

In the last two years, have you had any angina or chest pains due to your heart?

1 Yes

2 No

END OF FILTER

*IF type of condition at last interview <> RESPONSE AND type of conition = heart attack
[(HeDiaa (Last int) <> RESPONSE) AND (HeDiaa = 3)]*

HEAGB*

Approximately how old [^were you/ was [^name]] when [^you were/ he was /she was] first

told by a doctor that [^you/ he /she] had a heart attack (including myocardial infarction or coronary thrombosis)?

INTERVIEWER: Enter age in years.

Range: 0..110

[CHECK HE19-HE20]

END OF FILTER

*IF (type of CVD condition = heart attack) AND (type of CVD condition at last interview = RESPONSE)
AND (type of CVD condition at last interview <> heart attack)*

[(HeDiaa = 3) AND (HeDiaa (Last int) = RESPONSE) AND (HeDiaa (Last int) <> 3)]

HEAGBR*

When in the last two years [^were you/ was [^name] first told by a doctor that [^you/ he/ she] had a heart attack?

INTERVIEWER: Enter response in month and year.

01 January

02 February

03 March

04 April

05 May

06 June

07 July

08 August

09 September

10 October

11 November

12 December

HEAGBRY*

INTERVIEWER: Enter the year at this question.

Range: 1900...2200

[CHECK HE21 - HE22]

END OF FILTER

IF (type of CVD condition = heart attack) OR (whether confirms previous CVD condition = yes AND reason CVD condition disputed <> Never had condition AND reason CVD condition disputed <> Misdiagnosed)

[(HeDiaa = 3) OR ((HeDiaC = 1) AND (HeDiaN <> 1) AND(HeDiaN <> 4))]

HENMMI*

How many heart attacks (including myocardial infarction or coronary thrombosis) [^have you/ has [^name]] had in the last two years according to a doctor?

1 1

2 2

3 3 or more

END OF FILTER

MT removed **HEYRB (Deleted wave 3)**

IF number of heart attacks = 1 or more [HeNmMI = 1,2,3]

HEBETA

Did any doctor ever tell [^you/ [^name] that [^you /he / she] should take a medication called a betablocker?

INTERVIEWER: PROBE - 'The following drugs are common betas blockers: Atenolol, metoprolol, acebutolol, metoprolol, propranolol, and timolol.'

1 Yes

2 No

END OF FILTER

MT removed **HEBETB***, **HEDIXA**

IF ((type of CVD condition at Last interview <> RESPONSE) AND (type of CVD condition = congestive heart failure))

[(HeDiaa (Last int) <> RESPONSE) AND (HeDiaa = 4)]

HEAGC*

Approximately how old [^were you /was [^name]] when [^you were /he was /she was] first told by a doctor that [^you /he /she] had congestive heart failure?

INTERVIEWER: Enter age in years.

Range: 0..110

[CHECK HE23 - HE24]

END OF FILTER

IF ((type of CVD condition = congestive heart failure) AND (type of CVD condition at last interview = RESPONSE) AND NOT (type of CVD condition at last interview = congestive heart failure))

[(HeDiaa = 4) AND (HeDiaa (Last int) = RESPONSE) AND NOT (HeDiaa (Last int) = 4)]

HEAGCR*

When [^were you/ was [^name] first told by a doctor that [^you/ he/ she] had congestive heart failure?

INTERVIEWER: Enter response in month and year.

01 January

02 February

03 March

04 April

05 May

06 June

07 July

08 August

09 September

10 October

11 November

12 December

HEAGCRY*

INTERVIEWER: Enter the year at this question.

Range: 1900..2050

[CHECK HE25-HE26]

END OF FILTER

IF (type of CVD condition at Last interview <> RESPONSE) AND (type of CVD condition = diabetes) [(HeAgD (Last int) <> RESPONSE) AND HeDiaa = 7]

HEAGD*

Approximately, how old [^were you/ was [^name]] when [^you were/ he was /she was] first told by a doctor that [^you/ he /she] had diabetes or high blood sugar?

INTERVIEWER: Enter age in years.

Range: 0..110

[CHECK HE27]

END OF FILTER

IF ((type of CVD condition = diabetes) AND (type of CVD condition at Last interview = RESPONSE) AND NOT (type of CVD condition at last interview = diabetes)) [((HeDiaa = 7) AND (HeDiaa (Last int) = RESPONSE) AND NOT (HeDiaa (Last int) = 7))]

HEAGDR*

When [^were you/ was [^name]] first told by a doctor that [^you/ he/ she] had diabetes or high blood sugar?

INTERVIEWER: Enter response in month and year.

01 January

02 February

03 March

04 April

05 May

06 June

07 July

08 August

09 September

10 October

11 November

12 December

HEAGDRY*

INTERVIEWER: Enter the year at this question.

Range: 1900..2050

[CHECK HE28 - HE29]

END OF FILTER

IF ((told by doctor has diabetes at last interview = No OR told by doctor has diabetes at last interview = DK) AND (reason for disputing the condition <> Never had condition or Misdiagnosed)) OR (Whether confirms previous condition = yes AND whether told by doctor has diabetes at last interview <> RESPONSE)) AND (IASKPx[PNum]<> Yes)) OR (type of CVD condition = diabetes)

[(HeDiaa = 7) OR ((HeAcd (Last int) = No OR HeAcd (Last int) = DK) AND (HeDiaN <> 1, 4)) OR (HeDiaC = 1 HeAcd (Last Int<> RESPONSE) OR (HeDiaa = 7)]

HEACD*

INTERVIEWER: ASK OR CODE: Has a doctor ever told [^you/ [^name]] that [^you have/ he has/ she has] diabetes?

- 1 Yes
- 2 No

IF whether ever told had diabetes = yes [HeACd = 1]

HEINS*

[^Do you / Does [^name]] currently inject insulin for diabetes?

- 1 Yes
- 2 No

HEMDB*

[^Are you/ Is [^name]] currently taking any tablets, pills or other medication that [^you swallow/ he swallows/ she swallows] for diabetes?

- 1 Yes
- 2 No

HEACE*

Has a doctor discussed with [^you/ [^name]] whether [^you/ he/ she] should take a medication called an ACE inhibitor or A2 receptor blocker?

INTERVIEWER: PROBE - 'These drugs are also called angiotensin converting enzyme inhibitors or angiotensin-II receptor blockers. Examples are captopril, enalapril, lisinopril, losartan, and valsartan.

- 1 Yes
- 2 No

HEACEA*

SHOW CARD C3

I would like to check whether any of the medications [^you are/ [^name] is] taking are on this list of ACE inhibitors or A2 receptor blockers. Could you show me the medications, or the repeat prescription list for any medications, that [^you have/ he has/ she has] been taking over the past week?

INTERVIEWER: Please check the names of all medications to see if they are included in the list of ACE inhibitors or A2 receptor blockers. Press 1 if you identify one respondent's medications as being on the list of ACE inhibitors or A2 receptor blockers, otherwise press 2. PROBE: Can I just check that these are / this is a medication that been taking over the past week?

- 1 Taking ACE inhibitor or A2 receptor blocker
- 2 Not taking ACE inhibitor or A2 receptor blocker
- 3 Taking other ACE inhibitor not on the showcard

IF whether taking ACE inhibitor / A2 receptor blocker in past week = no [HeAcea = 2]

END OF FILTER

ELSE

IF whether taking ACE inhibitor / A2 receptor blocker in past week = taking other ACE inhibitor
[HeAcea = 3]

HEDIXB@

INTERVIEWER: Enter name of other ACE inhibitor.

String 30

END OF FILTER

END OF FILTER

||

||

IF (type of CVD condition at last interview = RESPONSE) AND (type of CVD condition = stroke)
[(HeDiaa (Last int) = RESPONSE) AND (HeDiaa = 8)]

HEAGE*

Approximately how old [*^were you/ was ^name*] when [*^you were/ he was/ she was*] first told by a doctor that [*^you/ he/ she*] had a stroke?

INTERVIEWER: Enter age in years.

Range: 0..110

[CHECK HE30 - HE31]

END OF FILTER

IF (type of CVD condition = stroke) AND (type of CVD condition at Last interview = RESPONSE)
[(HeDiaa = 8) AND (HeDiaa (Last int) = RESPONSE)]

HEAGER*

When [*^were you / was ^name*] first told by a doctor that [*^you /he /she*] had a stroke?

INTERVIEWER: Enter response in month and year

01 January

02 February

03 March

04 April

05 May

06 June

07 July

08 August

09 September

10 October

11 November

12 December

HEAGERY*

INTERVIEWER: Enter the year at this question.

Range: 1900..2050

[CHECK HE32 - HE33]

END OF FILTER

IF ((type of CVD condition = stroke) OR ((type of CVD condition at Last interview = stroke) AND (reason CVD condition disputed <> Never had condition) AND (reason CVD condition disputed <> Misdiagnosed))

[(HeDiaa= 8) OR ((HeDiaa (Last int)= 8) AND (HeDiaN <> 1) AND (HeDiaN <> 4))]

HENMST*

How many strokes, if any, [^have you/ has [^name]] had in the last 2 years, according to a doctor?

0 0

1 1

2 2

3 3 or more

IF whether recommended medication to lower BP <> RESPONSE [Hehibpb <> RESPONSE]

HEHIBPB1

Some doctors suggest that some patients take medication to lower their blood pressure. Did a doctor or nurse ever suggest that you take any medication to lower your blood pressure?

1 Yes

2 No

[coded HEHBPB1 in data]

END OF FILTER

IF suggested medication for blood pressure <> no AND taking medication for high blood pressure = empty AND taking medication to prevent high blood pressure = empty [(Hehibpb1 <> No) AND (Hemda = EMPTY) AND (Hemdab = EMPTY)]

HEMDA1*

^Are you / Is name currently taking any medication, tablets or pills for high blood pressure?

1 Yes

2 No

END OF FILTER

HEPBS*

[[^Do you / Does [^name]] have any remaining problems because of [^your/ his/ her] stroke(s)?

1 Yes

2 No

IF whether any remaining problems because of stroke = yes [HePbs = 1]

HEWKS*

[[^Do you / Does [^name]] have weakness in [^your/ his/ her] arms and legs, or decreased ability to move or use them?

1 Yes

2 No

HESPK*

([^Do you / Does [^name]] have) any difficulty speaking or swallowing?

1 Yes

2 No

HEVSI*

([^Do you / Does [^name]] have) any difficulty with vision?

1 Yes

2 No

HETHK*

([^Do you / Does [^name]] have) any difficulty in thinking or finding the right words to say?

1 Yes

2 No

END OF FILTER

END OF FILTER

IF (CVD9 IN HeDiaa) OR (QHeDiaa[9].HeDiaS = Yes) THEN

HeChMd

[Arels[pnum] ^youname[pnum]] currently taking any medication to lower [^yourhisher[pnum]] cholesterol level?

1 Yes

2 No

IF ((QHeDiaa[9].HediaN = Nolong) OR (QHeDiaa[9].HediaS = No) OR (IFFW[PNum].Hechme = Yes)) AND (IAskPx[PNum] <> Yes) AND (HeChMd <> RESPONSE) THEN

HeChMe

Can I just check, ^areis[pnum] ^youname[pnum] taking medication which prevents you from getting high cholesterol any more?

1 Yes

2 No

IF (type of CVD condition = angina, heart attack) OR ((type of CVD condition at last interview = angina, heart attack) AND ((whether confirms previous angina condition = yes) OR (whether confirms previous heart attack condition = yes)))

[(HeDiaa = 2, 3) OR ((HeDiaa (Last int) = 2, 3) AND ((HeDiaC = 1) OR (HeDiaC = 1)))]

HEHRTA*

Some doctors suggest that some patients take anticoagulant or blood thinning medication.

Did any doctor suggest that [^you / ^name]] take medication to thin [^your/ his/ her] blood such as warfarin or aspirin, Plavix, Ticlid, or other blood thinning medication?

1 Yes

2 No

IF whether advised to take blood thinning medication = yes [Hehrta = 1]

HEHRTB*

[^Are you / Is [^name]] currently taking medication to thin [^your / his / her] blood like Warfarin, Aspirin, Plavix, Ticlid, or other medication to thin the blood?

1 Yes

2 No

END OF FILTER

IF whether taking blood thinning medication = yes [Hehrtb = 1]

HEHRTC*

[^Are you / Is [^name]] taking Warfarin?

1 Yes

2 No

END OF FILTER

END OF FILTER

IF ((age >=55 AND age <=76) OR Sex =female AND age >=47 AND age <=73)) then

HESCRE

I would like to ask you about any screening you may have had to check for different types of cancer.

1 Press <1> and <Enter> to continue

IF age >= 55 AND age <= 75) then

HEBOWD

Have you ever completed the NHS bowel cancer screening test using the home test kit?

1 Yes

2 No

IF completed the NHS bowel cancer screening test [HEBowD = Yes] THEN

HEYBOWT

How long ago was your most recent bowel cancer screening test?

INTERVIEWER: Enter the **year** here.

: 1900..2050

HEMBOWT

How long ago was your most recent bowel cancer screening test?

INTERVIEWER: Enter the **month** here.

01 January

02 February

03 March

04 April

05 May

06 June

07 July

08 August

09 September

10 October

11 November
12 December

END IF
END IF

IF (sex = female AND age >= 47 AND age <= 73) then

HEMAMB

Have you ever had breast cancer screening (a mammogram or x-ray of your breasts) as part of the NHS breast screening programme?

- 1 Yes
- 2 No

If HeMamB=yes

HEYMAMT

How long ago was your most recent breast screening mammogram?

INTERVIEWER: Enter the **year** here.
: 1900..2050

HEMMAMT

How long ago was your most recent breast screening mammogram?

INTERVIEWER: Enter the **month** here.

- 01 January
- 02 February
- 03 March
- 04 April
- 05 May
- 06 June
- 07 July
- 08 August
- 09 September
- 10 October
- 11 November
- 12 December

END OF FILTER

IF sex = -male

HEPRO

Have you ever had a prostate-specific antigen (PSA) blood test or other examination to screen for prostate cancer?

- 1 Yes
- 2 No

If HePro=yes

HEYPROT

How long ago was your most recent PSA test or other examination?

INTERVIEWER: Enter the **year** here."

/"When was most recent PSA test"

: 1900..2050

HEMPROT

How long ago was your most recent PSA test or other examination?

INTERVIEWER: Enter the **month** here.

01 January

02 February

03 March

04 April

05 May

06 June

07 July

08 August

09 September

10 October

11 November

12 December

END OF FILTER

END OF FILTER

IF ((type of chronic condition = RESPONSE) AND NOT (type of chronic condition at last interview = none))

[((HeDiab (Last int) = RESPONSE) AND NOT (HeDiab (Last int) = 96))]

LOOP FOR Idx:= 1 TO 9

IF type of chronic condition at Last interview = Idx [HeDiab (Last int) = Idx]

HEDIAD@*

INTERVIEWER: Please check the following sentence before reading out loud.

[^BLANK / Our records show that when we last interviewed [^you / [^name]] on [^date of last interview] [^you / he / she] said that [^you/ he/ she] had had (or had been told by a doctor [^you /he /she] had had) / Our records also show that when we last interviewed [^you / [^name]] on [^date of interview] [^you/ he/ she] said that [^you/ he/ she] had had (or had been told by a doctor [^you/ he/ she] had had)] ^chronic lung disease such as chronic bronchitis or emphysema / asthma / arthritis / osteoporosis, sometimes called thin or brittle bones / cancer or a malignant tumour / Parkinson's disease / an emotional, nervous or psychiatric problem / Alzheimer's disease / dementia, senility or another serious memory impairment / malignant blood disorder, e.g. leukaemia / Multiple Sclerosis or Motor Neurone Disease].

INTERVIEWER: Code 1 below unless respondent spontaneously disputes this record.

1 Yes

2 No

3 Not read out as didn't make sense

***[There is a separate variable for responses about each of the type of illness]
[Responses are recoded in HEDBDLU HEDBDAS HEDBDAR HEDBDOS HEDBDCA
HEDBDPD HEDBDPS HEDBDAD HEDBDDE HEDBDBL]***

IF whether confirms previous chronic condition = no [HeDiaD = 2]

HEDIAM@*

INTERVIEWER: Code reason why respondent disputes having had [^chronic lung disease such as chronic bronchitis or emphysema / asthma / arthritis / osteoporosis, sometimes called thin or brittle bones / cancer or a malignant tumour / Parkinson's disease / an emotional, nervous or psychiatric problem / Alzheimer's disease / dementia, senility or another serious memory impairment / malignant blood disorder, e.g. leukaemia / Multiple Sclerosis or Motor Neurone Disease]. Respondent says...

- 1 Never diagnosed
- 2 No longer has
- 3 Did not have previously, but has now
- 4 Misdiagnosed

[There is a separate variable for responses about each of the type of illness]

[Responses are recoded in HEDBMLU HEDBMASHEDBDMAR HEDBDMOS HEDMCA HEDBMPD HEDBMPS HEDBMAD HEDBMDE]

IF reason disputes condition = no longer has, did not have previously, but has now [HeDiaM = 2,3]

HEDIAMX@

INTERVIEWER: Did respondent have this condition at the time of the last interview?

If yes, go to HeDiaD and code 1 (Yes).

END OF FILTER

ELSE

IF whether confirms previous chronic condition = yes [HeDiaD = 1]

HEDIDS@*

[^Do you / Does [^name]] still have [^chronic lung disease such as chronic bronchitis or emphysema / asthma / arthritis / osteoporosis, sometimes called thin or brittle bones / cancer or a malignant tumour / Parkinson's disease / an emotional, nervous or psychiatric problem / Alzheimer's disease / dementia, senility or another serious memory impairment / malignant blood disorder, e.g. leukaemia / Multiple Sclerosis or Motor Neurone Disease]

Interviewer: If the respondent says that the condition is controlled by treatment code 'Yes'.?

- 1 Yes
- 2 No

[There is a separate variable for responses about each of the type of illness]

[Responses to HEDIDSare recoded in HEDBLU HEDBSAS HEDBSAR HEDBSOS HEDSCA HEDBSPD HEDBSDE HEDBSBL]

END OF FILTER

END OF FILTER

END OF FILTER

END OF FILTER

END OF FILTER

HEDIAB@*

SHOW CARD C4

[^Has / Apart from what you have already told us, and thinking about what has happened since we last saw [^you / [^name]] on [^date of last interview] has / Thinking about what has happened since we last saw [^you / [^name]] on [^date of last interview] has] a doctor [^BLANK / ever] told [^you / [^name]] that [^you have / he has / she has] (or had) any of the [^BLANK / other] conditions on this card?

INTERVIEWER: PROBE - 'What others?'...Code all that apply.

- 01 [^Chronic lung disease such as chronic bronchitis or emphysema]
- 02 [^Asthma]
- 03 [^Arthritis (including osteoarthritis , or rheumatism)]
- 04 [^Osteoporosis, sometimes called thin or brittle bones]
- 05 [^Cancer or a malignant tumour (excluding minor skin cancers)]
- 06 [^Parkinson's disease]
- 07 [^Any emotional, nervous or psychiatric problems]
- 08 [^Alzheimer's disease]
- 09 [^Dementia, senility or another serious memory impairment]
- 10 Malignant blood disorder, e.g. leukaemia
- 11 Multiple Sclerosis or Motor Neurone Disease
- 96 None of these

[Multiple responses to HEDIAB are recoded in variables HEDIBLU HEDIBAS HEDIBCA HEDIBPD HEDIBPS HEDIBAD HEDIBBL HEDIB96]

[code maximum 9 out of 10 possible responses]

[CHECK HE34 - HE35]

IF ((type of chronic condition at last interview = chronic lung disease) AND (whether confirms previous chronic condition = yes)) OR (type of chronic condition = chronic lung disease)

[((HeDiab (Last int) = 1) AND (HeDiaD = 1)) OR (HeDiab = 1)]

HELNG*

[^Are you / Is [^name]] taking medication or other treatment for [^your/ his/ her] lung condition?

- 1 Yes
- 2 No

IF ((disputed chronic lung condition = no longer has) OR (whether still has chronic lung disease = no) OR (was taking lung disease medication at last interview= yes)) AND (whether taking medication for condition <>RESPONSE)

[((HediaM = 2) OR (HedidS = 2) OR (HeLngB (last int)= Yes)) AND (HeLng <> RESPONSE)]

HELNGB

Can I just check, [^are / is] [^you / [^name]] taking medication which prevents [^him /her] from getting chronic lung disease, such as chronic bronchitis or emphysema, any more?

- 1 Yes
- 2 No

END OF FILTER

END OF FILTER

*IF ((type of chronic condition at last interview = asthma) AND (whether confirms previous chronic condition = yes)) OR (type of chronic condition = asthma)
[((HeDiab (Last int) = 2) AND (HeDiaD = 1)) OR (HeDiab = 2)]*

HEAMA*

[^Are you / Is [^name]] taking medication or other treatment for [^your /his /her] asthma?

- 1 Yes
- 2 No

*IF (disputes chronic lung disease = no longer has) OR (still has chronic lung disease = no)
[(HediaM = 2) OR (HedidS = 2)]*

HEAMB

Can I just check, [^are/is] [^you/name] taking medication which prevents [^him/her] from getting asthma any more?

- 1 Yes
- 2 No

END OF FILTER

END OF FILTER

IF type of chronic condition = arthritis [HeDiab = 3]

HEART@*

May I check, which type or types of arthritis [^do you / does [^name]] have...

INTERVIEWER: Read out each in turn and code all that apply....

- 1 Osteoarthritis?
- 2 Rheumatoid arthritis?
- 3 Some other kind of arthritis?

**[Multiple responses to HEART are recoded in variables HEARTOA HEARTRA HEARTOT]
[code maximum 3 out of 3 possible responses]**

IF ((type of chronic condition at Last interview <> RESPONSE) AND (type of chronic condition = arthritis)) OR ((type of chronic condition at last interview = arthritis) AND (whether confirms previous chronic condition = yes) AND (age first told had arthritis at last interview<> RESPONSE))

[((HeDiab (Last int) <> RESPONSE) AND (HeDiab = 3)) OR ((HeDiab (Last int) = 3) AND (HeDiaD = 1) AND (HeAgf (Last int) <> RESPONSE))]

HEAGF*

Approximately how old [^were you / was [^name]] when [^you were /he was /she was] first told by a doctor that [^you /he /she] had arthritis?

INTERVIEWER: Enter age in years.

Range: 0..110

[CHECK HE36]

ELSE

*IF ((type of chronic condition = arthritis) AND (type of chronic condition = RESPONSE))
AND NOT (type of chronic condition at Last interview = arthritis)*

[[((HeDiab = 3) AND (HeDiab (Last int) = RESPONSE)) AND NOT (HeDiab (Last int) = 3)]

HEAGFR*

When [^were you / was [^name]] first told by a doctor that [^you /he /she] had arthritis?

INTERVIEWER: Enter response in month and year.

01 January

02 February

03 March

04 April

05 May

06 June

07 July

08 August

09 September

10 October

11 November

12 December

HEAGFRY*

INTERVIEWER: Enter the year at this question.

Range: 1900..2050

[CHECK HE37 - HE38]

END OF FILTER

END OF FILTER

END OF FILTER

END OF FILTER

IF current chronic health condition = malignant blood disorder OR current blood disorder at last interview <> RESPONSE AND confirming previous malignant blood disorder = yes
[(HeDiab = 10) OR ((HeLeuk (Last int) <> RESPONSE) AND (Hediad = 1))]

HELEUK

^[Do you / Does name]have one of the following blood disorders...

INTERVIEWER: Read out...

1 ...leukaemia,

2 ...lymphoma,

3 or some other blood disorder?

END OF FILTER

IF ((type of chronic condition at last interview = osteoporosis) AND (whether confirms previous chronic condition = yes)) OR (type of chronic condition = osteoporosis)
[(HeDiab (Last int) = 4) AND (HeDiaD = 1)) OR (HeDiab = 4)]

HEOSTE

Has any doctor or nurse recommended taking calcium pills or Vitamin D?

- 1 Yes
- 2 No

IF (whether advised to take calcium/vitamin D pills = yes) [HeOste = 1]

HEOSTEA*

[^Do you / Does [^name]] take calcium pills or Vitamin D for [^your /his /her] osteoporosis or 'thin bones'?

- 1 Yes
- 2 No

END OF FILTER

HEOSTEB

Did a doctor or nurse recommend treatment with medication for [^your /his /her] osteoporosis or 'thin bones'?

- 1 Yes
- 2 No

IF whether recommended osteoporosis medication = yes [HeOsteb = 1]

HEOSTEC

Did [^you / [^name]] take any of them?

- 1 Yes
- 2 No

HEOSTED

Were these medicines recommended within 3 months of a doctor telling you that you had osteoporosis?

- 1 Yes
- 2 No

END OF FILTER

END OF FILTER

IF ((type of chronic condition at last interview <> RESPONSE) AND (type of chronic condition = cancer)) OR ((type of chronic condition at last interview = cancer) AND (whether confirms previous chronic condition = yes) AND (age first told had cancer at last interview <> RESPONSE)) [((HeDiab (Last int) <> RESPONSE) AND (HeDiab = 5)) OR ((HeDiab (Last int) = 5) AND (HeDiaD = 1) AND (HeAgg (Last int) <> RESPONSE))]

HEAGG*

Approximately how old [^were you / was [^name]] when [^you were /he was /she was] first told by a doctor that [^you / he / she] had cancer or a malignant tumour?

INTERVIEWER: Enter age in years.

Range: 0..110

[CHECK HE39 – HE40]

ELSE

IF ((type of chronic condition = cancer) AND (type of chronic condition at last interview =

RESPONSE) AND NOT (type of chronic condition at Last interview = cancer))
[((HeDiab = 5) AND (HeDiab (Last int) = RESPONSE) AND NOT (HeDiab (Last int) = 5))]

HEAGGR*

When in the last two years [^were you / was [^name]] first told by a doctor that [^you /he / she] had cancer or a malignant tumor?

INTERVIEWER: Enter response in month and year. Enter month here.

- 01 January
- 02 February
- 03 March
- 04 April
- 05 May
- 06 June
- 07 July
- 08 August
- 09 September
- 10 October
- 11 November
- 12 December

HEAGGRY*

INTERVIEWER: Enter the year at this question.

Range: 1900..2050

IF blood disorders = leukaemia or lymphoma [HeLeuk =1,2]

HEAGK

Approximately how old [^were you / was name] when [^you /he /she] [^were /was] first told by a doctor that [^you / he/ she] had leukaemia or lymphoma?

INTERVIEWER: Enter age in years.

Range: 0..110

HEAGKR

When [^were you / was name] when [^you /he /she] [^were /was] first told by a doctor that [^you /he /she] had leukaemia or lymphoma?

INTERVIEWER: Enter response in month and year.

Enter month here.

HEAGKRY

INTERVIEWER: Enter the year at this question.

Range: 1900..2050

END OF FILTER

[CHECK HE41 - HE42]

END OF FILTER

END OF FILTER

IF type of chronic condition = cancer [HeDiab = 5]

HECANAA*

SHOW CARD C6

In which part of [^your / ^name's] body did [^your /his /her] (cancer /cancers / malignant tumour) start?

INTERVIEWER: Code one only.

- 1 Lung
- 2 Breast
- 3 Colon, bowel or rectum
- 4 Lymphoma
- 5 Leukaemia
- 6 Melanoma or other skin cancer
- 7 Prostate
- 95 Somewhere else

HECANB*

During the last two years [^have you /has [^name]] received any treatment for [^your /his /her] cancer?

- 1 Yes
- 2 No

END OF FILTER

*IF blood disorders = leukaemia or lymphoma OR (blood disorders at last interview = leukaemia or lymphoma AND whether still has malignant blood disorders <> no longer has, misdiagnosed)
[(HeLeuk = 1,2) OR ((HeLeuk (last int) = 1,2) AND (HeDiaM <> 2) AND (HeDiaM <> 4))*

HECANBB

During the last two years, [^his/her] [^you/[^name]] received any treatment for [^his/her] leukaemia or lymphoma?

- 1 Yes
- 2 No

END OF FILTER

*IF ((type of chronic condition <> RESPONSE) AND (type of chronic condition = Parkinson's disease))
OR ((type of chronic condition at last interview = Parkinson's disease) AND (whether confirms previous chronic condition = yes) AND (age first told had Parkinson's disease <> RESPONSE))
[((HeDiab (Last int) <> RESPONSE) AND (HeDiab = 6)) OR ((HeDiab (Last int) = 6) AND (HeDiaD = 1) AND (HePrk <> RESPONSE))]*

HEPRK*

Approximately how old [^were you /was [^name]] when [^you were /he was /she was] first told by a doctor that [^you /he /she] had Parkinson's disease?

INTERVIEWER: Enter age in years.

Range: 0..110

[CHECK HE43 - HE44]

ELSE

*IF ((type of chronic condition = Parkinson's disease) AND (type of chronic condition at last interview = RESPONSE) AND NOT (type of chronic condition at Last interview = Parkinson's disease))
[((HeDiab = 6) AND (HeDiab (Last int) = RESPONSE) AND NOT (HeDiab (Last int) = 6))]*

HEPRKR*

When [^were you / was [^name]] first told by a doctor that [^you /he / she] had Parkinson's disease?

INTERVIEWER: Enter response in month and year.

01 January

02 February

03 March

04 April

05 May

06 June

07 July

08 August

09 September

10 October

11 November

12 December

HEPRKRY*

INTERVIEWER: Enter the year at this question.

Range: 1900..2050

[CHECK HE45 - HE46]

END OF FILTER

END OF FILTER

IF ((type of chronic condition at last interview <> RESPONSE) AND (type of chronic condition = psychiatric problems)) OR ((type of chronic condition at last interview = psychiatric problems) AND (whether confirms previous chronic condition = yes) AND (age first told had psychiatric problems at last interview <> RESPONSE))

[((HeDiab (Last int) <> RESPONSE) AND (HeDiab = 7)) OR ((HeDiab (Last int) = 7) AND (HeDiaD = 1) AND (HeAgh (Last int) <> RESPONSE))]

HEAGH*

Approximately how old [^were you / was [^name]] when [^you were /he was /she was] first told by a doctor that [^you / he / she] had emotional, nervous or psychiatric problems?

INTERVIEWER: Enter age in years.

Range: 0..110

[CHECK HE47]

END OF FILTER

IF (type of chronic condition = psychiatric problems) AND (type of chronic condition at Last interview = RESPONSE)

[(HeDiab = 7) AND (HeDiab (Last int) = RESPONSE)]

HEAGHR*

When [^were you / was [^name]] told by a doctor that [^you /he /she] had emotional, nervous or psychiatric problems?

INTERVIEWER: Enter response in month and year.

01 January

02 February
03 March
04 April
05 May
06 June
07 July
08 August
09 September
10 October
11 November
12 December

HEAGHRY*

INTERVIEWER: Enter the year at this question.
Range: 1900..2050

[CHECK HE48 - HE49]

END OF FILTER

IF type of chronic condition = psychiatric problems [HeDiab = 7]

HEPSY@*

SHOW CARD C6

What type of emotional, nervous or psychiatric problems [^do (did) you /does (did) [^name]] have?

INTERVIEWER: PROBE - 'What others?'

Code all that apply.

Include panic attacks under 'anxiety'

- 1 Hallucinations
- 2 Anxiety
- 3 Depression
- 4 Emotional problems
- 5 Schizophrenia
- 6 Psychosis
- 7 Mood swings
- 8 Manic depression
- 95 Something else

[Multiple responses to HEPSY are recoded in variables HEPSYHA HEPSYAN HEPSYDE HEPSYEM HEPSYSC HEPSYPS HEPSYMO HEPSYMA HEPSY95]

[code maximum 9 out of 9 possible responses]

END OF FILTER

IF ((type of chronic condition at last interview <> RESPONSE) AND (type of chronic condition = psychiatric problems)) OR ((type of chronic condition at last interview = psychiatric problem) AND (whether confirms previous psychiatric condition = yes) AND NOT (type of chronic condition = psychiatric problems))

[((HeDiab (Last int) <> RESPONSE) AND (HeDiab = 7)) OR ((HeDiab (Last int) = 7) AND (HeDiaD = 1) AND NOT (HeDiab = 7))]

HEYRC*

During the last two years [^have you /has [^name]] had emotional, nervous or psychiatric

problems?
1 Yes
2 No

END OF FILTER

IF ((type of chronic condition at last interview <> RESPONSE) AND (type of chronic condition = Alzheimer's)) OR ((type of chronic condition at last interview = Alzheimer's) AND (whether confirms previous psychiatric problem = yes) AND (age first told had Alzheimer's at last interview = RESPONSE)) [((HeDiab (Last int) <> RESPONSE) AND (HeDiab = 8)) OR ((HeDiab (Last int) = 8) AND (HeDiaD = 1) AND (HeAgi (Last int) <> RESPONSE))]

HEAGI*

Approximately how old [^were you / was [^name]] when [^you were /he was /she was] first told by a doctor that [^you / he / she] had Alzheimer's Disease?

INTERVIEWER: Enter age in years.

Range: 0..110

[CHECK HE50 - HE51]

ELSE

IF ((type of chronic condition = Alzheimer's) AND (type of chronic condition = RESPONSE) AND NOT (type of chronic condition at last interview = Alzheimer's)) [((HeDiab = 8) AND (HeDiab (Last int) = RESPONSE) AND NOT (HeDiab (Last int) = 8))]

HEAGIR*

When [^were you / was [^name]] told by a doctor that [^you /he /she] had Alzheimer's Disease?

INTERVIEWER: Enter response in month and year.

- 01 January
- 02 February
- 03 March
- 04 April
- 05 May
- 06 June
- 07 July
- 08 August
- 09 September
- 10 October
- 11 November
- 12 December

HEAGIRY*

INTERVIEWER: Enter the year at this question.

Range: 1900..2050

[CHECK HE52 - HE53]

END OF FILTER

END OF FILTER

IF ((type of chronic condition at Last interview <> RESPONSE) AND (type of chronic condition = memory impairment)) OR ((type of chronic condition at Last interview = memory impairment) AND (whether confirms previous chronic condition = yes) AND (age first told had memory impairment at Last interview <> RESPONSE))

[((HeDiab (Last int) <> RESPONSE) AND (HeDiab = 9)) OR ((HeDiab (Last int) = 9 AND (HeDiaD = 1) AND (HeAgj (Last int) <> RESPONSE)))]

HEAGJ*

Approximately how old [^were you /was [^name]] when [^you were /he was /she was] first told by a doctor that [^you /he /she] had dementia, senility or any other serious memory impairment?

INTERVIEWER: Enter age in years.

Range: 0..110

[CHECK HE54 - HE55]

ELSE

IF ((type of chronic condition = memory impairment) AND (type of chronic condition at last interview = RESPONSE) AND NOT (type of chronic condition at Last interview = memory impairment))

[((HeDiab = 9) AND (HeDiab (Last int) = RESPONSE) AND NOT (HeDiab (Last int) = 9))]

HEAGJR*

When in the last two years [^were you / was [^name]] first told by a doctor that [^you /he /she] had dementia, senility or any other serious memory impairment?

INTERVIEWER: Enter the response as month and year.

Enter the month at this question.

01 January

02 February

03 March

04 April

05 May

06 June

07 July

08 August

09 September

10 October

11 November

12 December

HEAGJRY*

INTERVIEWER: Enter the year at this question.

Range: 1900..2050

[CHECK HE56 - HE57]

END OF FILTER

END OF FILTER

IF (Age of respondent >= 60) [IAgeOf >= 60]

HEFLA

[^Have / Since we last talked to you on [^<date of last interview>] have] you fallen down [^BLANK / in the last two years] (for any reason)?

- 1 Yes
- 2 No

IF whether fallen down = yes [HeFla = 1]

HEFLB

How many times have you fallen down [^since we last talked to you on [^<date of last interview>] in the last two years]?

Range: 0..400

[CHECK HE58]

HEFLC

In [^any of these falls / that fall], did you injure yourself seriously enough to need medical treatment?

- 1 Yes
- 2 No

END OF FILTER

END OF FILTER

HEFRAC

Have you [^BLANK / ever] fractured your hip since we last talked to you on [^<date of last interview>]?

- 1 Yes
- 2 No

IF person's age >= 60 [IAgeOf >= 60]

HEJI*

[^Have you / Has [^name]] [^BLANK / ever] had any joint replacements since we last talked to [^you / him / her] on [^date of last interview]?

- 1 Yes
- 2 No

IF whether had joint replacements = yes [HeJi = 1]

HEJIAA*

HeJiaa

Which joints did ^youname[pnum] have replaced/resurfaced ^ever/ since the last interview?

INTERVIEWER: @|PROBE - 'What others?'

Code all that apply.

- 1 Right hip
- 2 Left hip
- 3 Right knee
- 4 Left knee
- 5 Other joint

**[Multiple responses to HEJIA are recoded in variables HEJIAA1 to HEJIAA5]
[code maximum 5 out of 5 possible responses]**

If HeJiaa= right hip (HEJiaa1=1)

HeJibRH*

"Was the **right** hip replacement/resurfacing because of arthritis, a fracture, to replace a previous artificial hip, or for some other reason?

INTERVIEWER: Enter the main reason.

- 1 Arthritis,
- 2 Fracture,
- 3 Replacement of a previous artificial hip
- 95 Other reason

END FILTER

If HeJiaa= Left Hip (HEJiaa2=1)

HeJibLH*

"Was the **left** hip replacement because of arthritis, a fracture, to replace a previous artificial hip, or for some other reason?

INTERVIEWER: Enter the main reason.

- 1 Arthritis,
- 2 Fracture,
- 3 Replacement of a previous artificial hip
- 95 Other reason

END FILTER

If HeJiaa= Right Knee (HEJiaa3=1)

HeJibRK*

Was the **right** knee replacement because of arthritis, a fracture, to replace a previous artificial knee, or for some other reason?

INTERVIEWER: Enter the main reason.

- 1 Arthritis,
- 2 Fracture,
- 3 Replacement of a previous artificial knee
- 95 Other reason

END FILTER

If HeJiaa= Left Knee (HEJiaa4=1)

HeJibLK*

Was the **left** knee replacement because of arthritis, a fracture, to replace a previous artificial knee, or for some other reason?

INTERVIEWER: Enter the main reason."

- 1 Arthritis,
- 2 Fracture,
- 3 Replacement of a previous artificial knee
- 95 Other reason

END OF FILTER

IF joints replaced = right hip, left hip, right knee, left knee, other joint

[HeJiaa =RESPONSE]

HEJION*

Has [^your/[^name's]] joint replacement/resurfacing been paid for privately or by the NHS?

INTERVIEWER: Count as NHS if the operation was on private premises but paid for by the NHS. Count as private if the operation was on NHS premises but paid for privately. Include all joint replacement operations if respondent has had more than one.

- 1 Privately/under insurance
- 2 NHS
- 3 SPONTANEOUSLY: Both

END OF FILTER

END OF FILTER

END OF FILTER

HEIQA**

SHOW CARD C7

Now we want you to remember what [^name] was like [^two years ago] and to compare it with what [^he / she] is like now. [^BLANK / Two years ago was in 2010/11]. I will read out situations where [^name] has to use [^his / her] memory or intelligence and we want you to indicate whether this has improved, stayed the same or got worse in that situation [^over the past two years / since [^<date of last interview>]]. Note the importance of comparing [^name's] present performance with [^two years ago / when we last talked to you on [^date of last interview]]. So if [^two years ago / when we last talked to you on [^<date of last interview>]] [^name] always forgot where [^he / she] had left things, and [^he / she] still does, then this would be considered 'Hasn't changed much'.

Please indicate the changes you have observed giving the appropriate answer from the card.

- 1 Press <1> and <Enter> to continue
- 2 Unable to answer - does not know what the person was like two years ago
[Don't Know and Refusal are not allowed]

IF whether can answer questions about participant's memory = continue [Heiqa = 1]

HEIQB**

SHOW CARD C7

Compared with two years ago, how is [^name] at remembering things about family and friends, like occupations, birthdays or addresses?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQC**

SHOW CARD C7

Compared with two years ago, how is [^name] at remembering things that have happened recently?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse

5 Much worse

HEIQD**

SHOW CARD C7

Compared with two years ago, how is [^name] at recalling conversations a few days later?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQE**

SHOW CARD C7

Compared with two years ago, how is [^name] at remembering [^his /her] address and telephone number?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQF**

SHOW CARD C7

Compared with two years ago, how is [^name] at remembering what day and month it is?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQG**

SHOW CARD C7

Compared with two years ago, how is [^name] at remembering where things are usually kept?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQH**

SHOW CARD C7

Compared with two years ago, how is [^name] at remembering where to find things which have been put in a different place from usual?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQI**

SHOW CARD C7

Compared with two years ago, how is [^name] at knowing how to work familiar machines

around the house?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQJ**

SHOW CARD C7

Compared with two years ago, how is [^name] at learning to use a new gadget or machine around the house?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQK**

SHOW CARD C7

Compared with two years ago, how is [^name] at learning new things in general?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQL**

SHOW CARD C7

Compared with two years ago, how is [^name] at 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

HEIQM**

SHOW CARD C7

Compared with two years ago, how is [^name] at making decisions on everyday matters?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQN**

SHOW CARD C7

Compared with two years ago, how is [^name] at handling money for shopping?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQO**

SHOW CARD C7

Compared with two years ago, how is [^name] at handling financial matters, like the pension or dealing with the bank?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQP**

SHOW CARD C7

Compared with two years ago, how is [^name] at handling other everyday arithmetic problems, like knowing how much food to buy, or knowing how long between visits from family or friends?

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

HEIQQ**

SHOW CARD C7

Compared with two years ago, how is [^name] at using 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
- 5 Much worse

END OF FILTER

HEPAIN

Are you often troubled with pain?

- 1 Yes
- 2 No

*IF whether often troubled with pain = yes [HePain = 1]***HEPAA**

How bad is the pain most of the time? Is it...

INTERVIEWER: Read out...

INTERVIEWER: Include people who experience intermittent pain often.

- 1 mild,
- 2 moderate,
- 3 or, severe

*IF pain is moderate or severe most of the time = yes [HePaa = 2,3]***HEPAWH@**

SHOW CARD C8

In which parts of the body do you feel pain?

CODE ALL THAT APPLY.

- 1 Back
- 2 Hips
- 3 Knees
- 4 Feet
- 5 Mouth/teeth
- 6 Other
- 7 All over

[Multiple responses to HEPAWH are recoded in variables HEPAWBA HEPAWHI HEPAWKN HEPAWFE HEPAWMO HEPAWOT HEPAWAL]

HEPAB

How would you rate your pain if you were walking on a flat surface?

Please rate your pain from 0-10 for each of the following where 0 is no pain and 10 is severe or excruciating pain, as bad as you can imagine.

- 1 Press <1> and enter to continue
- 2 Can't walk or never walks

IF rating pain when walking = can't walk [HEPab = 2]

HEPAB1

Interviewer check whether ever walks on a flat surface – include across their room at home, even if they only walk very slowly. Only code 1 if they say no

- 1 Confirms never walks or cannot walk
- 2 Does sometimes walk on a flat surface

END OF FILTER

IF rating pain when walking = continue [HePab = 1]

HEBCK

(How would you rate the pain) in your back?

PROMPT IF NECESSARY: 'Where 0 is no pain and 10 is severe or excruciating pain, as bad as you can imagine'.

Range: 0..10

HEHIP

(How would you rate the pain) in your hips?

PROMPT IF NECESSARY: 'Where 0 is no pain and 10 is severe or excruciating pain, as bad as you can imagine'.

Range: 0..10

HEKNE

(How would you rate the pain) in your knees?

PROMPT IF NECESSARY: 'Where 0 is no pain and 10 is severe or excruciating pain, as bad as you can imagine'.

Range: 0..10

HEFET

(How would you rate the pain) in your feet?

PROMPT IF NECESSARY: 'Where 0 is no pain and 10 is severe or excruciating pain, as bad as you can imagine'.

Range: 0..10

END OF FILTER

END OF FILTER

IF (IAskPx[pnum] <> Yes) THEN

IF rating pain when walking = continue [HEPab = 1]

HeBal

SHOW CARD C9

How often do you have problems with keeping your balance when you are walking on a level surface?:

1 Always

2 Very often

3 Often

4 Sometimes

5 Never

6 SPONTANEOUS: Never walks

7 SPONTANEOUS: Can't walk

*IF reported problems with keeping balance when walking on level surface is <> never walks, can't walk
[HeBal <>no walk, cant walk]*

HeDiz

SHOW CARD C9

How often do you have problems with dizziness when you are walking on a level surface?

1 Always

2 Very often

3 Often

4 Sometimes

5 Never

6 SPONTANEOUS: Never walks

7 SPONTANEOUS: Can't walk

END IF

END IF

END IF

HEADLA@*

SHOW CARD C10

Because of a health problem, [^do you /does he /does she] have difficulty doing any of the activities on this card? Exclude any difficulties that you expect to last less than three months

INTERVIEWER: PROBE - 'What others?'.....Code all that apply.

01 Walking 100 yards

02 Sitting for about two hours

03 Getting up from a chair after sitting for long periods

04 Climbing several flights of stairs without resting

05 Climbing one flight of stairs without resting

06 Stooping, kneeling, or crouching

07 Reaching or extending [^your / his / her] arms above shoulder level (either arm)

08 Pulling or pushing large objects like a living room chair

- 09 Lifting or carrying weights over 10 pounds, like a heavy bag of groceries
- 10 Picking up a 5p coin from a table
- 96 None of these

**[Multiple responses to HEADLA are recoded in variables HEMOBWA HEMOBSI HEMOBCH HEMOBBS HEMOBCL HEMOBST HEMOBRE HEMOBPU HEMOBLI HEMOBPI HEMOB96]
[code maximum 10 out of 11 possible responses]**

[CHECK HE59]

HEADLB@*

SHOW CARD C11

Here are a few more everyday activities. Please tell me if [^you have / [^name] has] any difficulty with these because of a physical, mental, emotional or memory problem. Again exclude any difficulties you expect to last less than three months.

Because of a health or memory problem, [^do you /does he /does she] have difficulty doing any of the activities on this card?

INTERVIEWER: PROBE - 'What others?'...Code all that apply.

- 01 Dressing, including putting on shoes and socks
- 02 Walking across a room
- 03 Bathing or showering
- 04 Eating, such as cutting up [^your / his / her] food
- 05 Getting in or out of bed
- 06 Using the toilet, including getting up or down
- 07 Using a map to figure out how to get around in a strange place
- 08 Recognising when you are in physical danger
- 09 Preparing a hot meal
- 10 Shopping for groceries
- 11 Making telephone calls
- 12 Communication (speech, hearing or eyesight)
- 13 Taking medications
- 14 Doing work around the house or garden
- 15 Managing money, such as paying bills and keeping track of expenses
- 96 None of these

**[Multiple responses to HEADLB are recoded in variables HEADLDR HEADLWA HEADLBA HEADLEA HEADLBE HEADLWC HEADLMA HEADLPR HEADLSH HEADLPH HEADLME HEADLHO HEADLMO HEADLB14 HEADLB15 HEADLB96]
[code maximum 13 out of 14 possible responses]**

[CHECK HE60]

SOCIAL CARE

*IF reported at least one difficulty with an ADL or IADL at Headla or Headlb
[(Headla<>96 or Headlb<>96)]*

CATINT*

I have just asked about difficulties [^you/[^name]] may have with some activities. I'd now like to ask about any help [^you/[^name]] [^have/has] received in the last month, even if [^you/[^name]] [^do/does] not usually need any help.

Please only think about help [^you/[^name]] [^have/has] received because of a physical, mental, emotional or memory problem.

INTERVIEWER: Press 1 and <Enter> to continue.

CATKA*

[^Have/Has] [^you/[^name]] received help from anyone with walking 100 yards, in the last month?
INTERVIEWER: Include help even if it was for a short time or provided by husband/ wife/ another family member.

01 Yes

02 No

CATKB*

What about climbing several flights of stairs without resting?

EXPLAIN IF NECESSARY: Include help even if it was for a short time or provided by husband/ wife/ another family member.

ASK IF NECESSARY: [^Have/Has] [^you/[^name]] received help from anyone with climbing several flights of stairs without resting, in the last month?

01 Yes

02 No

CATKC*

What about climbing one flight of stairs without resting?

EXPLAIN IF NECESSARY: Include help even if it was for a short time or provided by husband/ wife/ another family member.

ASK IF NECESSARY: [^Have/Has] [^you/[^name]] received help from anyone with climbing one flight of stairs without resting, in the last month?

01 Yes

02 No

CATKD*

What about dressing, including putting on shoes and socks?

EXPLAIN IF NECESSARY: Include help even if it was for a short time or provided by husband/ wife/ another family member.

ASK IF NECESSARY: [^Have/Has] [^you/[^name]] received help from anyone with dressing, including putting on shoes and socks, in the last month?

01 Yes

02 No

CATKE*

What about walking across a room?

EXPLAIN IF NECESSARY: Include help even if it was for a short time or provided by husband/ wife/ another family member.

ASK IF NECESSARY: [^Have/Has] [^you/[^name]] received help from anyone with walking across a room, in the last month?

01 Yes

02 No

CATKF*

What about bathing or showering?

EXPLAIN IF NECESSARY: Include help even if it was for a short time or provided by husband/ wife/ another family member.

ASK IF NECESSARY: [^Have/Has] [^you/[^name]] received help from anyone with bathing or showering, in the last month?

01 Yes

02 No

CATKG*

What about eating, such as cutting up food?

EXPLAIN IF NECESSARY: Include help even if it was for a short time or provided by husband/ wife/ another family member.

ASK IF NECESSARY: [^Have/Has] [^you/[^name]] received help from anyone with eating, such as cutting up food, in the last month?

01 Yes

02 No

CATKH*

What about getting in or out of bed?

EXPLAIN IF NECESSARY: Include help even if it was for a short time or provided by husband/ wife/ another family member.

ASK IF NECESSARY: [^Have/Has] [^you/[^name]] received help from anyone with getting in or out of bed, in the last month?

01 Yes

02 No

CATKI*

What about using the toilet, including getting up or down?

EXPLAIN IF NECESSARY: Include help even if it was for a short time or provided by husband/ wife/ another family member.

ASK IF NECESSARY: [^Have/Has] [^you/[^name]] received help from anyone with using the toilet, including getting up or down, in the last month?

01 Yes

02 No

CATKJ*

What about shopping for groceries?

EXPLAIN IF NECESSARY: Include help even if it was for a short time or provided by husband/ wife/ another family member.

ASK IF NECESSARY: [^Have/Has] [^you/[^name]] received help from anyone with shopping for groceries, in the last month?

01 Yes

02 No

CATKK*

What about taking medications?

EXPLAIN IF NECESSARY: Include help even if it was for a short time or provided by husband/ wife/ another family member.

ASK IF NECESSARY: [^Have/Has] [^you/[^name]] received help from anyone with taking medications, in the last month?

01 Yes

02 No

CATKL*

What about doing work around the house or garden?

EXPLAIN IF NECESSARY: Include help even if it was for a short time or provided by husband/ wife/ another family member.

ASK IF NECESSARY: [^Have/Has] [^you/[^name]] received help from anyone with doing work around the house or garden, in the last month?

01 Yes

02 No

CATKM*

What about managing money, such as paying bills and keeping track of expenses?

EXPLAIN IF NECESSARY: Include help even if it was for a short time or provided by husband/ wife/ another family member.

ASK IF NECESSARY: [^Have/Has] [^you/[^name]] received help from anyone with managing money, such as paying bills and keeping track of expenses, in the last month?

01 Yes

02 No

IF number of activities respondent has received help with excluding shopping, housework or managing money (computed) = 0 AND (help with shopping = yes OR help with work around house/garden = yes OR help with managing money = yes)

[(CaTNoB = 0) AND ((CaTkJ = 1) OR (CaTkL = 1) OR (CaTkM = 1))]

CATCH*

[^Do/Does] [^you/[^name]] receive this help with [^shopping for groceries/doing work around the house or garden/managing money] because of a physical, mental, emotional or memory problem?:

01 Yes for some or all

02 No, none of this help is because of a physical, mental, emotional or memory problem

END OF FILTER

IF derived number of activities respondent received help with in the last month >0 AND whether receive help due to a physical/mental/emotional or memory condition <> no

[(CaTNo > 0) AND (CaTCh <> 2)]

CAWIN*

I am now going to ask you some questions about who helps [you/[^name]] with different things. I will show you two lists of people who may have helped [you/[^name]].

1 Press <1> and <Enter> to continue.

LOOP FOR EACH ACTIVITY SET MENTIONED

(1) MOBILITY

IF whether has had help walking 100 yards / climbing several flights of stairs without resting / climbing one flight of stairs without resting / walking across a room / getting in or out of bed/ using a toilet = yes

[(CaTkA = 1) OR (CaTkB = 1) OR (CaTkC = 1) OR (CaTkE = 1) OR (CaTkH = 1) OR (CaTkI = 1)]

(2) WASHING

IF whether has had help dressing / bathing or showering = yes [(CaTkD = 1) OR (CaTkF = 1)]

(3) EATING

IF whether has had help eating = yes [CaTkG = 1]

(4) SHOPPING/ WORK DONE AROUND THE HOUSE

IF whether has had help shopping for groceries/doing work around the house or garden = yes

[(CaTkJ = 1) OR (CaTkL = 1)]

(5) TAKING MEDICATION

IF whether has had help taking medication(s) = yes [CaTkK = 1]

(6) MANAGING MONEY

IF whether has had help shopping for groceries/doing work around house or garden = yes

[CaTkM = 1]

CAHIN*

SHOW CARD C12

In the last month, who has helped [^you/[^name]] with [^BLANK/ walking 100 yards/climbing stairs/walking across a room/getting in or out of bed/ using the toilet/ dressing/ bathing or showering/eating/ shopping for groceries/doing work around the house or garden/taking medications/managing money]?

First, please tell me about all of the people from this list who have helped [^you/[^name]]. Please only think about help received because of a physical, mental, emotional or memory problem.

INTERVIEWER: PROBE - 'Does anyone else help with these activities?'

CODE ALL THAT APPLY.

- 01 Husband/Wife/Partner
- 02 Son (including step son, adopted son or son in law)
- 03 Daughter (including step daughter, adopted daughter or daughter in law)
- 04 Grandchild (including Great Grandchildren)
- 05 Sister (including step sister, adopted sister or sister in law)
- 06 Brother (including step brother, adopted brother or brother in law)
- 07 Other relative
- 08 Friend
- 09 Neighbour
- 96 None of these

[CHECK SC1]

CAHFO*

SHOW CARD C13

Now, please tell me about all of the people from this list who have helped [^you/[^name]] with [^BLANK/ walking 100 yards/climbing stairs/walking across a room/getting in or out of bed/ using the toilet/ dressing/ bathing or showering/eating/ shopping for groceries/doing work around the house or garden/taking medications/managing money] in the last month?

INTERVIEWER: PROBE - 'Does anyone else help with these activities?'

CODE ALL THAT APPLY.

- 01 Home care worker/ home help/ personal assistant
- 02 A member of the reablement / intermediate care staff team
- 03 Voluntary helper
- 04 Warden / Sheltered housing manager
- 05 Cleaner
- 06 Council's handyman
- 07 Member of staff at the care/nursing home
- 95 Other - please specify
- 96 None of these

[CHECK SC2]

IF formal provider = other [CaHFO = 95]

CAHFO*

Who was the other person that helped [^you/[^name]]?

STRING[100]

END OF FILTER

END FILTER

CAHPC*

Thinking about all the help [^you/he/she] receive(s), would you say that the help [^you/he/she] receive(s)...

INTERVIEWER: Read out...

- 01 ...Meets [^your/his/her] needs all the time,
- 02 usually meets [^your/his/her] needs,
- 03 sometimes meets [^your/his/her] needs,
- 04 or, hardly ever meets [^your/his/her] needs?

END OF FILTER

LOOP FOR ALL INFORMAL CARE GIVERS FROM CAHIN WHO PROVIDE HELP EXCEPT NEIGHBOUR/OTHER CARE GIVERS (care giver = husband/wife/partner, son(s), daughter(s), grandchild(ren), sister(s), brother(s), other relative(s), friend(s))
IF [PAskhelp = 1] (PAskhelp is a computed variable)

CAFAM

You have told me that [^your/his/her] [^husband /wife /partner /son /other son /daughter /other daughter /grandchild /other grandchild /sister /other sister /brother /other brother / other relative/ friend/ other friend] helped [^you/[^name]]. Can I just check, does this person live in the same household as [^you/[^name]]?

- 01 Yes
- 02 No

IF whether care giver lives in household = yes [CaFam = 1]

CAPNO

Please enter person number of the person who helps [^youname[pno]].
 Household Member 01 to 16

[CHECKS SC3-5]

END OF FILTER

END OF FILTER

IF whether care giver lives in household <> yes [CaFam <> 1]

CANAM

^[You have told me that [^your /his /her] [^husband /wife /partner /son /other son /daughter /other daughter /grandchild /other grandchild /sister /other sister /brother /other brother / other relative/ friend / other friend/ neighbour /other neighbour] helped [^you/[^name]].

What is [^your /his /her] [^husband's /wife's /partner's /son's /other son's /daughter's /other daughter's /grandchild's /other grandchild's /sister's / other sister's /brother's /other brother's / other relative's / friend's / other friend's / neighbour's /other neighbour's] name?

STRING[20]

IF care giver = grandchild, relative, friend, neighbour or other care giver [PAskSex = 1]
(PAskSex is a computed variable)

CASEX

INTERVIEWER CODE OR ASK SEX OF PERSON WHO HELPS

- 01 Male
- 02 Female

END OF FILTER

LOOP FOR ALL CARE GIVERS EXCEPT HUSBAND/ WIFE/ PARTNER

For ploop:= 2 to 16

CAMOR

Did an other [^son/ daughter/ grandchild/ sister/ brother/ other relative/ friend/ neighbour] help [^you/ [^name]]?

- 01 Yes
- 02 No

END OF FILTER

END OF FILTER

IF derived formal care provider = home care worker/home help/personal assistant [CaHn[21]=1] (CaHn is a computed variable)

CAHHA

You have told me that a home care worker/home help/personal assistant helped [^you/ [^name]] in the last month.

[^Do/Does] [^you/ [^name]] have just one person helping [^you /him /her], or [^do /does] [^you/ [^name]] have more than one?

- 01 One,
- 02 More than one

IF number of formal providers = more than one [CaHHa=2]

CAHHB

Do they all help with the same kinds of things, or [^do/does] [^you/[^name]] have different people helping with different things?

- 01 All help with same kind of things,
- 02 Different people help with different things

IF help provided = different people help with different things [CaHHb=2]

CAHHC

[^BLANK/ I'd like you to think about the home care workers, home helps or personal assistants who help with different things, so that I can ask you about each of them later.

Thinking of the [^first/second/third] home care worker / home help / personal assistant, what sort of things do they help [^you/[^name]] with?

CODE MAIN TASK

- 01 Getting up in the morning,
- 02 Going to bed,
- 03 Washing/ bathing/ personal care,
- 04 Meals/ eating,
- 05 Getting out of the house/ shopping,
- 06 Cleaning/ laundry,
- 07 Other

[CHECK SC6]

CAHHD

Are there any more home care workers, home helps or personal assistants who help
[[^]you/[[^]name]] with different kinds of things?

01 Yes

02 No

[CHECK SC7- SC8]

END OF FILTER

END OF FILTER

END OF FILTER

LOOP FOR EACH CARE GIVER WHO PROVIDES HELP

[CaHrs[ploop]=1] (CaHrs is a computed variable)

If type of caregiver = formal care providers (ploop in CaHRS [26..35])

CAHRF

Thinking about [[^]the home care worker/ home help/ personal assistant/ the member of the
reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing
manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the
other helper] in the last week how many hours have they helped
[[^]you/[[^]name]] in person with these kinds of tasks?

INTERVIEWER EXPLAIN IF NECESSARY: do not include help over the phone or by internet

IF 2 PEOPLE HELP AT THE SAME TIME, CODE DOUBLE THE HOURS

ENTER NUMBER OF HOURS. IF LESS THAN 1 HOUR ENTER 0.5. IF HELP GIVEN, BUT NOT IN
THE LAST WEEK ENTER '0'.

[[^]BLANK/INTERVIEWER INSTRUCTION: IF home care worker / Personal Assistant or other care
staff "live in"/ "sleep in", INCLUDE ALL hours they are on duty.]

IF RESPONDENT DOES NOT GIVE PRECISE ANSWER CODE DK

Press <F9> for help

Do not include occasional errands/odd jobs without the respondent such as
picking up glasses or returning library books

[CHECK SC9]

END OF FILTER

*If CAHRF (hours) not provided for formal provider or provider is informal so CAHRF not asked
(CAHRS=1-25)*

IF number of hours helped by formal provider <> RESPONSE [CaHrF<>RESPONSE]

CAHRI

SHOW CARD C14

Thinking about [[^]your/his/her] [[^]husband/wife/partner/ son/other son/daughter/other
daughter/grandchild/other grandchild/sister/other sister/brother/other brother/ other relative/ friend/
other friend/ neighbour/other neighbour/the home care worker/ home help/ personal assistant/ the
member of the reablement / intermediate care staff team/the voluntary helper/the warden /

sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper] in the last week how many hours have they helped [^you/[^name]] in person with these kinds of tasks?

[^BLANK/Please only think about the hours they were helping [^you/[^name]] with these kinds of tasks and not about the time they were around in the house or there to help [^you/[^name]] if [^you/he/she] needed it.

INTERVIEWER EXPLAIN IF NECESSARY: not help over the phone or by internet or doing occasional errands or odd jobs without the respondent

INTERVIEWER NOTE: ROUND DOWN IF NECESSARY, e.g. IF 4.5 HOURS, CODE '1-4 hours
IF 2 PEOPLE HELP AT THE SAME TIME, CODE DOUBLE THE HOURS

[^BLANK/INTERVIEWER INSTRUCTION: IF home care worker / Personal Assistant or other care staff "live in"/ "sleep in", INCLUDE ALL hours they are on duty.]

Press <F9> for help

Do not include occasional errands/odd jobs without the respondent such as picking up glasses or returning library books

- 01 No help in the last week,
- 02 Less than one hour,
- 03 1-4 hours,
- 04 5-9 hours,
- 05 10-19 hours,
- 06 20-34 hours,
- 07 35-49 hours,
- 08 50-99 hours,
- 09 100 hours or more

IF number of hours help provided = DK, RF [CaHrl=DK OR CaHrl=RF]

CAHRG

Can you tell me whether in the last week [^your/his/her] [^husband/wife/partner/ son/other son/daughter/other daughter/grandchild/other grandchild/sister/other sister/brother/other brother/ other relative/ friend/ other friend/ neighbour/other neighbour/the home care worker/ home help/ personal assistant/ the member of the reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper] helped [^you/[^name]] in person with these tasks for: ...READ OUT...

- 01 Less than 20 hours,
- 02 20-34 hours,
- 03 Or, for 35 hours or more?

END OF FILTER

END OF FILTER

END OF FILTER

LOOP FOR UP TO TWO CAREGIVERS WHO PROVIDE THE RESPONDENT WITH THE MOST HOURS OF CARE

IF top care givers providing the most hours of care = RESPONSE

[CAFnd[1] = 1...97 OR CAFnd [2] = 1...97] (CaFnd is a computed variable)

CAHPF

SHOW CARD C15

Still thinking only about help received in person, how often does [[^BLANK/your/his/her/] husband/wife/partner/ son/other son/daughter/other grandchild /sister/other sister/ /other / other /friend/ other friend/neighbour/other neighbour/ the home care worker/ home help/ personal assistant/ the member of the reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper] usually help [^you/[^name]]?

INTERVIEWER EXPLAIN IF NECESSARY: not help over the phone or by internet

- 01 Every day
- 02 Four to six times a week
- 03 Two or three times a week
- 04 Once a week
- 05 Once a fortnight/ every two weeks
- 06 Once a month
- 07 Less than once a month

IF provider = the home care worker, home help, personal assistant, the member of the reablement, intermediate care staff team, the voluntary helper, the member of staff at the care/nursing home/ the other helper (formal providers except cleaners, handymen, other helpers AND how often caregiver provides help = every day..two or three times a week

(PFndq IN [26..31,34]) AND (CaHpF =1..3)] (PFndq is a computed variable)

CAHPD

SHOW CARD C16

On the days [[^BLANK/your/his/her/] husband/wife/partner/ son/other son/daughter/other grandchild /sister/other sister/ /other / other /friend/ other friend/neighbour/other neighbour/ the home care worker/ home help/ personal assistant/ the member of the reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper] helps [^you/[^name]], how many times a day does he/she usually help [^you/[^name]]?

IF VARIES FROM DAY TO DAY, ASK RESPONDENT TO ANSWER FOR THE MOST COMMON PATTERN

- 01 once a day
- 02 twice a day
- 03 three or four times a day
- 04 all the time
- 05 whenever I need it?

END OF FILTER

IF provider is any informal provider or formal provider apart from cleaners, handymen, other helpers [PFndq <> 32,33,35]

CAHP

SHOW CARD C17

Still thinking about help received in person, when does [[^BLANK/your/his/her/] husband/wife/partner/ son/other son/daughter/other grandchild /sister/other sister/ /other / other /friend/ other friend/neighbour/other neighbour/ the home care worker/ home help/ personal assistant/ the member of the reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper] help [^you/[^name]]?

INTERVIEWER EXPLAIN IF NECESSARY: Not help over the phone or by internet.

INTERVIEWER EXPLAIN IF NECESSARY: Help with going to bed or getting up is day time help.

01 During the day time only, until [^you/[^name]] [^go/goes] to bed,

02 During the night time only, once [^you/[^name]] [^have/has] gone to bed,

03 Or both during the day time and at night after [^you/[^name]][^have/has] gone to bed?

END OF FILTER

*IF formal providers = yes OR hours of informal care = yes, 20 hours +from an individual provider
[CaDPA=1] CaDPA is a computed variable*

CAPYL*

Now I am going to ask you a few questions about paying for the care [^you/[^name]] receive(s).
Press <1> and <Enter> to continue.

CAWDA*

[^Do/Does] [^you/[^name]] usually deal with paying for [^your/his/her] care or does a family member or friend manage this for [^you/[^name]]?

INTERVIEWER CODE RESPONDENT ANSWER:

01 Deals with this all [^your/him/hers]

02 Deals with some of it but not all

03 Does not deal with this at all

*IF payment for care = dealt with to some extent by respondent, not dealt with by respondent
[CaWDa =2,3]*

CAWDB*

INTERVIEWER: Ask respondent whether the person who deals with payments is currently at home and could assist with this section (if the respondent wishes).

Use discretion to decide whether this is appropriate.

If this person is available, continue with this section addressing questions to respondent and the person they have chosen. If no one is available continue with this section with the respondent alone.

Press <1> and <Enter> to continue.

END OF FILTER

CADP*

SHOW CARD C18

Local authorities/council/social services offer different ways of arranging payment for people's care. This card describes some of these ways. Please look at the card and tell me whether either of these apply for the care [^you/[^name]] receive(s)?

INTERVIEWER: Only include payments for social care. Do not include other payments for example, pension or Attendance Allowance.

INTERVIEWER: IF RESPONDENT SELECTS ONLY ONE ANSWER (1 OR 2) PROBE FOR THE OTHER ONE: Does the other one also apply?

CODE ALL THAT APPLY (1 and 2 can be coded together, 3 can only be coded on its own).

01 Direct payments

- 02 Local authority/council/social services manages the money
- 03 Neither of these

[CHECK SC10]

CAPB*

[^Do/Does] [^you/[^name]] have a **Personal Budget**, sometimes known as an **Individual Budget**? This is when the local authority/ council/social services decides the amount or pot of money necessary to meet social care needs. [^you/he/she] can choose how to spend this money which can be used for a range of services, not just social care.

INTERVIEWER EXPLAIN IF NECESSARY: The money could be paid to [^you/[^name]] as a Direct Payment or the local authority/ council/social services could manage the money for [^you/him/her].

- 01 Yes, have Personal Budget/Individual budget
- 02 No, do not have Personal Budget/ Individual Budget

CAINA*

Has the local authority/council made an assessment of what [^you/[^name]] can afford for any of [^your/his/her] care needs?

This is sometimes called an **income assessment** or **means testing**.

INTERVIEWER EXPLAIN IF NECESSARY: This might have been when the local authority/council was organising care services or arranging a Direct Payment for [^your/his/her] care.

- 01 Yes, had income assessment
- 02 No

END OF FILTER

LOOP FOR EACH FORMAL PROVIDER , ASKED SEPARATELY FOR HOMECARE WORKERS

IF any formal providers= yes (CaIncA=1) CaIncA is a computed variable.

CAARR*

SHOW CARD C19

How was the help from [[^BLANK/your/his/her] ^home care worker/ home help/ personalassistant/ member of the reablement / intermediate care staff team/ voluntary helper/ warden / sheltered housing manager/ cleaner/the council's handyman/the member of staff from thecare/nursing home/other helper]arranged? Please look at this card and tell me which option applies.

- 01 Arranged without involvement from the local authority, council or social services,
- 02 Local authority, council or social services arranged this help,
- 03 Local authority, council or social services told [^you/him/her] about the help but [^you/he/she] arranged it
- 04 [^your/him/hers] or [^your/his/her] family arranged it,
- 05 Other

LOOP UP TO TWO TIMES FOR EACH RESPONDENT (using two of three loops):

Loop 1 (Route A) =IF Local authority involved in arranging care: who arranged help = council,self [CaaRr = 2,3, CaRa = 1] CARA is a computed variable. Loop 1 asked for one or multiple providers arranged by local authority

||

|| Loop 2 (Route B) = IF Local Authority not involved in arranging care: who arranged help <> council, self OR || Informal providers provide 20 hrs + of care in the last week [CaAsk = Response]. Loop 2 only asked || about individual providers where LA not involved in arranging that care
 CAAsk1 indicates which type of provider is referred to in Loop 2 of payment questions:
 (1-Husb/Wife/Partner; 2-Son A; 3-Son B; 4-Son C; 5-Daughter A; 6-Daughter B; 7-Daughter C; 8-Grandchild A; 9-Grandchild B; 10-Grandchild C; 11-Sister A; 12-Sister B; 13-Sister C; 14-Brother A; 15-Brother B; 16-Brother C; 17-Other relative A; 18-Other relative B; 19-Other relative C; 20-Friend A; 21-Friend B; 22-Friend C; 23-Neighbour A; 24-Neighbour B; 25-Neighbour C; 26-Home care worker/ home help/ personal assistant A; 27-Home care worker/ home help/ personal assistant B; 28-Home care worker/ home help/ personal assistant C; 29-A member of the reablement / intermediate care staff team; 30-Voluntary helper; 31-Warden / Sheltered housing Manager; 32-Cleaner; 33-Council's handyman; 34-Member of staff at the care/nursing home; 35-Other - please specify.)

|| Loop 3 (Route B) = asked once if Loop 1 not asked AND if there are eligible providers (formal providers not || arranged by local authority or informal providers giving 20+ hours per week)
 || [(CaAsk[2]=response) and (CaRA<>yes)] Loop 3 only asked about individual providers where LA not || involved in arranging that care. Only asked if Loop 1(Route A) not asked.
 CaAsk2 indicates which type of provider is referred to in Loop 3 of payment questions. Same categories as CAAsk1.

CAPAY*

[^Do/Does] [^you/[^name]] [^your/his/her partner] pay or give any money for the help given by [^BLANK/your/his/her/] husband/wife/partner/ son/other son/daughter/other grandchild /sister/other sister/ /other / other /friend/ other friend/neighbour/other neighbour/ the home care worker/ home help/ personal assistant/ the member of the reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper]? Please include any payments made for this care, even if not made directly to the care provider.

^Do not include gifts, treats or occasional payments of expenses such as petrol money or lunch (informal providers only).

- 01 Yes,
- 02 No,
- 03 Don't know

CAPFQ*

How much money [^do/does] [^you/[^name]] [^your/his/her partner] pay for the help given by [^BLANK/your/his/her/] husband/wife/partner/ son/other son/daughter/other grandchild /sister/other sister/ /other / other /friend/ other friend/neighbour/other neighbour/ the home care worker/ home help/ personal assistant/ the member of the reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper]. Please include any payments made for this care, even if not made directly to the care provider?

INTERVIEWER: Record reference period given by respondent. Record amount at next question.

- 01 per hour
- 02 per visit
- 03 per day
- 04 per week

05 per fortnight
06 per four weeks
07 per calendar month
08 per year

IF frequency of payment = RESPONSE [CaPFq = RESPONSE]

CAPAM

INTERVIEWER: ENTER AMOUNT IN POUNDS AND PENCE
: 1.00..999997.00

END OF FILTER

*IF frequency of payment = NONRESPONSE OR payment amount = NONRESPONSE
[(CaPFq = NONRESPONSE) OR (CaPAm = NONRESPONSE)]*

IF frequency of payment = per hour [CaPFq = 1]

CAPYAB

Was it less than [^amount], more than [^amount] or what?
BRACKETS (£3, £5, £8, £12,)

END OF FILTER

IF frequency of payment = per visit, per day [CaPFq =2,3]

Was it less than [^amount], more than [^amount] or what?
BRACKETS (£5, £10, £20, £30)

END OF FILTER

IF frequency of payment = per week [CaPFq =4]

Was it less than [^amount], more than [^amount] or what?
BRACKETS (£10, £25, £40, £100)

END OF FILTER

IF frequency of payment = per fortnight [CaPFq =5]

Was it less than [^amount], more than [^amount] or what?
BRACKETS (£20, £50, £80, £200)

END OF FILTER

IF frequency of payment = four weeks, calendar month [CaPFq =6,7]

Was it less than [^amount], more than [^amount] or what?
BRACKETS (£40, £100, £150, £400)

END OF FILTER

IF frequency of payment = per year [CaPFq =8]

Was it less than [^amount], more than [^amount] or what?
BRACKETS (£500, £1000, £2000, £5000)

END OF FILTER

ELSE

Was it less than [^amount], more than [^amount] or what?
BRACKETS (£40, £100, £150, £400)

END OF FILTER

END OF FILTER

CAPAI*

You said [^you/[^Name]] pay(s) [^amount] [^per hour/per visit/per day/per week/per fortnight/ per four weeks/per calendar month/ per year] for the care provided by [[^BLANK/your/his/her/] husband/wife/partner/ son/other son/daughter/other grandchild /sister/other sister/ /other / other /friend/ other friend/neighbour/other neighbour/ the home care worker/ home help/ personal assistant/ the member of the reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper]?

Does this payment cover all the cost of this help or some of the cost of this help?

EXPLAIN IF NECESSARY: the payment for [[^BLANK/your/his/her/] husband/wife/partner/ son/other son/daughter/other grandchild /sister/other sister/ /other / other /friend/ other friend/neighbour/other neighbour/ the home care worker/ home help/ personal assistant/ the member of the reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper].

01 All

02 Some

CAPHW*

SHOW CARD C20

How [^do/does] [^you/name] usually pay or give money to [[^BLANK/your/his/her/] husband/wife/partner/ son/other son/daughter/other grandchild /sister/other sister/ /other / other /friend/ other friend/neighbour/other neighbour/ the home care worker/ home help/ personal assistant/ the member of the reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper] for helping [^you/him/her]?

CODE ALL THAT APPLY

[^I/He/She] use(s) money from:

01 Own personal income, savings, pension or benefit (such as Attendance Allowance),

02 Direct Payment/ Personal or Individual Budget from the Local Authority/ council/ Social Services,

03 From another source

END OF FILTER

CAPAD*

And [^in addition to what] [^you/[name]] pay(s)), as far as you are aware does anyone else or any organisation pay or give money to [[^BLANK/your/his/her/] husband/wife/partner/ son/other son/daughter/other grandchild /sister/other sister/ /other / other /friend/ other friend/neighbour/other neighbour/ the home care worker/ home help/ personal assistant/ the member of the reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper] for the care [^you/he/she] receive(s) – for example the council or a family member? Do not count any benefits such as Carers Allowance or Attendance Allowance.

INTERVIEWER CODE:

- 01 Yes, the local authority /council /social services,
- 02 Yes, a family member (with their own money),
- 03 Yes, other,
- 04 No, nobody else pays

[CHECK SC11]

IF other payment source = Yes, local authority/council/social services [CaPAd = 1]

CALAP*

And does the local authority, council or social services pay [[^BLANK/your/his/her/] husband/wife/partner/ son/other son/daughter/other grandchild /sister/other sister/ /other / other /friend/ other friend/neighbour/other neighbour/ the home care worker/ home help/ personal assistant/ the member of the reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper] directly or is it through a Direct Payment or a Personal Budget?

CODE ALL THAT APPLY:

- 01 Local authority / social services or council pay directly,
- 02 Paid through Direct Payments / Personal or Individual Budgets

END OF FILTER

IF way usually pay = direct payment OR type of payment = paid through direct payments [(CaPHw= 2) OR (CaLAP =2)]

CALAF*

How much money is [[^BLANK/your/his/her/] husband/wife/partner/ son/other son/daughter/other grandchild /sister/other sister/ /other / other /friend/ other friend/neighbour/other neighbour/ the home care worker/ home help/ personal assistant/ the member of the reablement / intermediate care staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the council's handyman/the member of staff at the care/nursing home/ the other helper]paid from the direct payment or personal budget for helping [^you/[name]]?

INTERVIEWER: Enter reference period for payment on this screen. Enter amount in pounds and pence on next screen.

- 01 Per hour,
- 02 Per visit,
- 03 Per day,
- 04 Per week,
- 05 Per fortnight,
- 06 Per four weeks,
- 07 Per calendar month,

08 Per year

IF (CaLAF = RESPONSE) THEN

CALAM*

INTERVIEWER: ENTER AMOUNT IN POUNDS AND PENCE

1.00..9999997.00

END OF FILTER

*IF frequency of payment = NONRESPONSE OR payment amount = NONRESPONSE
[(CaLAF = NONRESPONSE) OR (CaLAM = NONRESPONSE)]*

IF frequency of payment = per hour (CaLAF = 1)

CALAAB

Was it less than [^amount], more than [^amount] or what?

BRACKETS (£3, £5, £8, £12)

END OF FILTER

IF frequency of payment = per visit, per day [CaLAF =2,3]

Was it less than [^amount], more than [^amount] or what?

BRACKETS (£5, £10, £20, £30)

END OF FILTER

IF frequency of payment = per week [CaLAF =4]

Was it less than [^amount], more than [^amount] or what?

BRACKETS (£10, £25, £40, £100)

END OF FILTER

IF frequency of payment = per fortnight [CaLAF =5]

Was it less than [^amount], more than [^amount] or what?

BRACKETS (£20, £50, £80, £200)

END OF FILTER

IF frequency of payment = four weeks, calendar month [CaLAF =6,7]

Was it less than [^amount], more than [^amount] or what?

BRACKETS (£40, £100, £150, £400)

END OF FILTER

IF frequency of payment = per year [CaLAF =8]

Was it less than [^amount], more than [^amount] or what?

BRACKETS (£500, £1000, £2000, £5000)

END OF FILTER

ELSE
 Was it less than [^amount], more than [^amount] or what?
 BRACKETS (£40, £100, £150, £400)

END OF FILTER

END OF FILTER

END OF FILTER

IF payment for care = no OR other payment for care = no [(CaPay=2) AND (CaPAd= 2)]

CANOP
 You have told me that no payment was made for [[^BLANK/your/his/her/
 husband/wife/partner/ son/other son/daughter/other grandchild /sister/other sister/
 brother/other brother / other /friend/ other friend/neighbour/other neighbour/ the home care
 worker/ home help/ personal assistant/ the member of the reablement / intermediate care
 staff team/the voluntary helper/the warden / sheltered housing manager/the cleaner/the
 council's handyman/the member of staff at the care/nursing home/ the other helper] helping
 [^you/[name]]. Why was this?
 UNPROMPTED RESPONSE:
 01 They provided their help for free/ there is no charge for the service,
 02 Sometimes give them money or gifts for the help they give,
 03 Other

END OF FILTER

END OF FILTER

END OF FILTER

END OF LOOP

*IF formal providers = yes OR hours of informal care = yes, 20 hours +
 [CaDPA=1] CaDPA is a computed variable*

CAWHO

INTERVIEWER: WHO ANSWERED THE QUESTIONS IN THIS SECTION?

- 01 Respondent only,
- 02 Respondent with assistance of another person,
- 03 Another person with limited input from respondent,
- 04 Another person with no input from respondent.

CACM

INTERVIEWER: Do you have any comments about this section?

- 01 Yes
- 02 No

IF comments about section = yes [CaCm=1]

CACMX

INTERVIEWER: PLEASE ENTER COMMENTS HERE

STRING[200]

END OF FILTER

END OF FILTER

HEHPA to HELC removed

CAHPS

SHOW CARD C21

[^Have/Has] [^you/name] used any of the services listed on this card in the last three months?

CODE ALL THAT APPLY.

- 01 Occupational therapist or physiotherapist
- 02 Chiropracist or podiatrist
- 03 Exercise classes including yoga, pilates, gym
- 95 Other
- 96 None of these

IF used services = other [CAHPS = 95]

CAHPSO

INTERVIEWER: Please specify other answer.

STRING[80]

END OF FILTER

CAHPSZ

"@/@/EDITOR : Back code here. Code frame 7.

@/^CHaveHas[pnum] ^youname[PNum] used any of the services listed on this card in the last three months?

@/@/CODE ALL THAT APPLY."

: SET [4] OF

(OccTher "Occupational therapist or physiotherapist",

Chiropracist "chiropracist or podiatrist",

Exer "Exercise classes including yoga, pilates, gym",

E4 (4) "Osteopath",

E5 (5) "Chiropractor",

E6 (6) "Massage",

E7 (7) "Acupuncture",

E8 (8) "Other alternative therapies e.g. reflexology, aromatherapy, homeopathy",

E9 (9) "Hydrotherapy",

{EDIT:

ONCode (85) "Other answer - not codeable 01-09",

Irrel (86) "Irrelevant response - not codeable 01-09",}

Other (95),

None (96) "None of these"), NODK, NORF, EMPTY

CAHPSM

"@/@/MERGED VARIABLE INCLUDING BACKCODING. Code frame 7.

@/^CHaveHas[pnum] ^youname[PNum] used any of the services listed on this card in the last three months?

@/@/CODE ALL THAT APPLY."

: SET [4] OF

(OccTher "Occupational therapist or physiotherapist",

Chiropodist "chiropodist or podiatrist",

Exer "Exercise classes including yoga, pilates, gym",

E4 (4) "Osteopath",

E5 (5) "Chiropractor",

E6 (6) "Massage",

E7 (7) "Acupuncture",

E8 (8) "Other alternative therapies e.g. reflexology, aromatherapy, homeopathy",

E9 (9) "Hydrotherapy",

ONCode (85) "Other answer - not codeable 01-13",

Irrel (86) "Irrelevant response - not codeable 01-13",

None (96) "None of these")

IF age of respondent >= 65 [AgeP >= 65]

CACLUB

In the last month [^have/has] [^you/name]... READ OUT ...

CODE ALL THAT APPLY.

01 Attended a lunch club

02 Attended a day care centre

03 Had meals on wheels

04 Had private frozen meals from a provider such as Wiltshire farm foods

05 Had family, friend or neighbour bring [^you/him/her] ready prepared meals

96 None of these

IF care provided = lunch club [CaClub = 1]

CALC

SHOW CARD C22

How often [^do/does] [^you/] attend a lunch club?

01 Every day or nearly every day

02 Two or three times a week

03 Once a week

04 Two or three times a month

05 Once a month or less

END OF FILTER

IF care provided = day care centre [CaClub = 2]

CADCC

SHOW CARD C22

How often [^do/does] [^you/name] attend a day care centre?

01 Every day or nearly every day

02 Two or three times a week

03 Once a week

04 Two or three times a month

05 Once a month or less

IF frequency attend day care centre = every day or nearly every day [CaDCC = 1]

CADCD

Each time that [^you/name] [^have/has] attended the day centre, including attending classes or groups run by the day centre in the last month about how many hours did [^you/he/she] usually spend there? Was it...READ OUT...

- 01 1-3 hours
- 02 4-6 hours, or
- 03 more than 6 hours

END OF FILTER

END OF FILTER

IF care provided = meals on wheels [CaClub = 3]

CAMW

SHOW CARD C22

How often [^do/does] [^you/name] eat a meal provided by Meals on Wheels?

- 01 Every day or nearly every day
- 02 Two or three times a week
- 03 Once a week
- 04 Two or three times a month
- 05 Once a month or less

END OF FILTER

[CHECK HE61]

END OF FILTER

CAHMN

In the last three months, [^have/has] [^you/name] used or received the Local Authority/council's Handy man's service?

This is usually a free service sometimes arranged through Age Concern or Help the Aged.

- 01 Yes
- 02 No

END OF FILTER

HEAID@*

SHOW CARD C23

[^Do you / Does [^name]] use any of these?

Only include personal alarms used to call for assistance after falls etc.

- 01 A cane or walking stick
- 02 A zimmer frame or walker
- 03 A manual wheelchair
- 04 An electric wheelchair
- 05 A buggy or scooter
- 06 Special eating utensils
- 07 A personal alarm

08 Elbow crutches
96 None of these

**[Multiple responses to HEAID are recoded in variables HEAIDCA HEAIDZI HEAIDMW HEAIDEW HEAIDBU HEAIDEA HEAIDAL HEAIDCR HEAID96]
[code maximum 8 out of 9 possible responses]**

[CHECK HE62]

*IF use of aids = RESPONSE AND NOT use of aids = None
[HEAid = RESPONSE) AND NOT (HEAid=96]*

IF date of last interview = RESPONSE [PrevDate = RESPONSE]

*IF use of aids > 1 AND NOT refreshment sample indicator = yes
[(HeAid.CARDINAL>1) AND NOT(HFFW.Refresh = 1)]*

HEA1CH

You mentioned that [^you/name] [^have/has] the aids listed below:

[^ cane or walking stick/ zimmer frame or walker/ manual wheelchair/ electric wheelchair/ buggy or scooter/ personal alarm/ elbow crutches >].

Can I check, did [^you/he/she] get any of these aids since [^<date of last interview>]?

INTERVIEWER: Please include any replacements.

01 Yes

02 No

END OF FILTER

END OF FILTER

LOOP FOR EACH NEW AID

IF any aids new since last interview <> no [HeA1ch <> No]

*IF date of last interview = RESPONSE AND NOT refreshment sample indicator = yes
[(PrevDate=RESPONSE) AND (NOT(HFFW.Refresh = 1))]*

HEA2CH

Can I check, did [^you/name] get [^this/these] [^cane or walking stick/ zimmer frame or walker/ manual wheelchair/ electric wheelchair/ buggy or scooter/ personal alarm/ elbow crutches] since [^<date of last interview>]

INTERVIEWER: Please include any replacements.

01 Yes

02 No

END OF FILTER

LOOP IF existing sample and got an aid since last interview or reported an aid for first time as refreshment sample or new partner:

If which aids new since last interview = yes OR refreshment sample indicator = yes OR

((NOT(date of last interview = RESPONSE)) AND ((NOT(refreshment sample indicator = yes)))

[(HeA2ch = 1) OR (HFFW.Refresh = 1) OR ((NOT(PrevDate = RESPONSE)) AND

(NOT(HFFW.Refresh = 1)))] LOOP for each aid mentioned at HEAID (for refreshment or new partner or HEA2Ch for existing)

HEAIDP@

Who paid for the [^cane or walking stick/ zimmer frame or walker/ manual wheelchair/ electric wheelchair/ buggy or scooter/ personal alarm/ elbow crutches]?

INTERVIEWER: Read out each in turn and code all that apply.

- 1 Health Service (NHS)
- 2 Social Services
- 3 ^[You / Name] or [your / his / her spouse/partner]
- 95 or someone else (please specify)?

[Multiple responses to HEAIDP are recoded in variables HECANHS HECASS HECASE HECAOT HEZINHS HEZISE HEZIOT HEMWNHS HEMWSS HMEWSE HEMWOT HEEWNHS HEEWSS HEEWSE HEEWOT HEBUNHS HEBUSS HEBUSE HEBUOT HEEANHS HEEASS HEEASE HEEAOT HEALNHS HEALSS HEALSE HEALOT HECRSS HECRSE HECROT]

If who paid for aid = other [HeAidp = 95]

HEAIDPO@

Please specify.

STRING[50]

[Open responses to HEAIDPO are coded and merged with the multiple responses to HEAIDP (recoded as above). These merged responses are recoded in variables:

**HECAMNS HECAMSS HECAMSE HECAMFF HECAMLL HECAMCH HECAMFR HECAM85
HECAM86 HEZIMNHS HEZIMSS HEZIMSE HEZIMFA HEZIMLL HEZIMCH HEZIMFR HEZIM85
HEZIM86 HEMWMNHS HEMWMSS HEMWMSE HEMWMFA HEMWMLL HEMWMCH
HEMWMFR HEMWM85 HEMWM86 HEEWMNHS HEEWMSS HEEWMSE HEEWMFA
HEEWMLL HEEWMCH HEEWMFR HEEWM85 HEEWM86 HEBUNHS HEBUMSS HEBUMSE
HEBUMFA HEBUMLL HEBUMCH HEBUMFR HEBUM85 HEBUM86
HEALNHS HEALMSS HEALMSE HEALMFA HEALMLL HEALMCH HEALMFR HEALM85
HEALM86 HECRNHS HECRMSS HECRMSE HECRMFA HECRMLL HECRMCH HECRMFR
HECRM85 HECRM86**

END OF FILTER

If only mentioned one answer at HEAidP [HeAidp=1 answer only]

HEAP2 @

Can I just check that ^[the NHS/Social Services/ you/ your spouse or partner] covered all the costs of the [^cane or walking stick/ zimmer frame or walker/ manual wheelchair/ electric wheelchair/ buggy or scooter/ personal alarm/ elbow crutches]?

- 01 Yes covered all costs
- 02 No

END OF FILTER

[CHECK HE63]

END OF FILTER

END OF FILTER

END OF FILTER

HEINCT

We would like to ask you about incontinence.

During the last 12 months, have you lost any amount of urine beyond your control?

1 Yes

2 No

IF whether lost urine beyond control = yes [HeInct = 1]

HEINCTA

When you had this problem, did it last for more than 1 month?

1 Yes

2 No

END OF FILTER

HEBOW

During the last 12 months, have you had any problems controlling your bowels.

By problems controlling your bowels we mean that this could result in accidentally having soiled pants, leakage from the bowel, needing to go to the toilet frequently or urgently, sometimes not making it to the toilet in time, or using aids or appliances to manage bowel problems or incontinence. Please include problems with your bowel caused by any medicines that you take?

01 Yes

02 No

IF had a problem controlling bowels in last 12 months = yes [HeBow = 1]

HEBOWA

When you had this problem, did it last for more than 1 month?

01 Yes

02 No

IF whether ever smoked cigarettes at Last interview <> yes [HeSmk (Last int) <> 1] or if proxy

HESMK*

Have you/ Has [^name]] ever smoked cigarettes?

INTERVIEWER: EXCLUDE e-cigarettes (electronic cigarettes)

1 Yes

2 No

END OF FILTER

IF (whether ever smoked cigarettes = yes) OR (whether ever smoked cigarettes at Last interview <> yes) [(HeSmk = 1) OR (HeSmk (Last int) <> 1)]

HESKA*

[^Do you / Does [^name]] smoke cigarettes at all nowadays?

INTERVIEWER: EXCLUDE e-cigarettes (electronic cigarettes)

1 Yes

2 No

END OF FILTER

*IF (whether smoked cigarettes at Last interview = yes) AND (whether smokes cigarettes now = no)
[(HESka (Last int) = 1) AND (HESka = 2)]*

HESKD

The last time we interviewed you [^on date of last interview], you said that you were smoking at that time.

INTERVIEWER: Code 1 below unless respondent spontaneously disputes this record.

- 1 Yes
- 2 No

IF whether smoking at last interview disputed = no [HeSkd = 2]

HESKE

INTERVIEWER: Code reason why respondent disputes the record. Respondent says...

- 1 Never smoked cigarettes
- 2 No longer smoking cigarettes by last interview
- 3 Stopped smoking cigarettes since last interview

ELSE IF whether smoking at last interview disputed = yes [HeSkd = 1]

HESKF

INTERVIEWER: Code response given by respondent

INTERVIEWER: EXCLUDE e-cigarettes (electronic cigarettes)

- 1 Does smoke cigarettes nowadays
- 2 Stopped smoking cigarettes since last interview

END OF FILTER

*IF (reason smoking disputed = stopped smoking) OR (whether smokes now = stopped smoking)
[HeSke = 3 OR HeSkf = 2]*

HESTOP

SHOW CARD C24

What was the main reason that you stopped smoking cigarettes?

- 01 Doctor or nurse said I should stop
- 02 It is unhealthy
- 03 It is expensive / to save money
- 04 Pressure from family or friends
- 05 Worried about effect of passive smoke on people around me
- 06 Stopped enjoying it
- 07 Cosmetic reasons (e.g. smell, stained teeth, fingers, hair)
- 08 It's becoming harder to smoke in public or at work
- 09 Advertising
- 95 Other (SPECIFY)

IF reason for quitting smoking = other [Hestop = 95]

HESTOPA@

INTERVIEWER: Enter other reason given for stopping smoking.
String 30

END OF FILTER

END OF FILTER

END OF FILTER

*IF whether smokes cigarettes nowadays = yes OR whether smokes now = does smoke cigarettes
[(HESka = 1) OR (HESkf = 1)]*

HECIG

Do you smoke cigarettes or roll ups?

INTERVIEWER: EXCLUDE e-cigarettes (electronic cigarettes)

1 Cigarettes

2 Roll ups

3 Both cigarettes and roll-ups

IF whether smokes cigarettes or roll ups = cigarettes, both [HECig = 1, 3]

HESKB

About how many cigarettes a day do you usually smoke on weekdays?

INTERVIEWER: If range given and can't estimate, enter mid-point.

INTERVIEWER: EXCLUDE e-cigarettes (electronic cigarettes)

If less than one a day, enter 0.

Range: 0..997

HESKC

About how many cigarettes a day do you usually smoke at weekends?

INTERVIEWER: If range given and can't estimate, enter mid-point.

If less than one a day, enter 0.

INTERVIEWER: EXCLUDE e-cigarettes (electronic cigarettes)

Range: 0..997

[CHECK HE64 - HE67]

END OF FILTER

IF whether smokes cigarettes or roll ups = roll ups, both [HECig = 2, 3]

HETBA

How much tobacco do you normally smoke on a weekday?

INTERVIEWER: Code how answer is given.

1 Grams

2 Ounces

HETBB

(How much tobacco do you normally smoke on a weekday?)

INTERVIEWER: Enter amount.

Range: 0..997

[CHECK HE68 - HE70]

HETBC

How much tobacco do you normally smoke a day at weekends?

INTERVIEWER: Code how answer is given.

- 1 Grams
- 2 Ounces

HETBD

(How much tobacco do you normally smoke a day at weekends?)

INTERVIEWER: Enter amount.

Range: 0..997

[CHECK HE71 - HE73]

END OF FILTER

HECGSTP

Has a doctor or nurse ever advised you to stop smoking?

- 1 Yes
- 2 No

IF whether doctor / nurse advised to stop smoking = yes [Hecgstp = 1]

HECGSTA

Did you stop for more than 6 months as a result of this advice?

- 1 Yes
- 2 No

END OF FILTER

HeECig

Have you ever used an e-cigarette (electronic cigarette)?

- 1 Yes
- 2 No

END OF FILTER

HEALA

In the past 12 months have you taken an alcoholic drink...

INTERVIEWER: Read out...

- 1...twice a day or more
- 2...daily or almost daily
- 3...once or twice a week
- 4...once or twice a month
- 5...special occasions only
- 6...or, not at all?

HEACTA

SHOW CARD C25

We would like to know the type and amount of physical activity involved in ^[your / name's] daily life.

^[Do you / Does he or she] take part in sports or activities that are vigorous...

INTERVIEWER: Read out...

- 1 ...more than once a week,
- 2 once a week,
- 3 one to three times a month,
- 4 hardly ever, or never?

HEACTB

SHOW CARD C25

And ^[do you / does he or she] take part in sports or activities that are moderately energetic...

INTERVIEWER: Read out...

- 1 ..more than once a week,
- 2 once a week,
- 3 one to three times a month,
- 4 hardly ever, or never?

HEACTC

SHOW CARD C25

And ^[do you / does he or she] take part in sports or activities that are mildly energetic...

INTERVIEWER: Read out...

- 1 ..more than once a week,
- 2 once a week,
- 3 one to three times a month,
- 4 hardly ever, or never?

Female Health Module

*IF age started menstruation at last interview <> RESPONSE OR operation to remove uterus or womb at last interview <> RESPONSE OR operation to remove ovaries at last interview <> RESPONSE OR had period within last 12 months = EMPTY OR reason period stopped = pregnancy
 [(Hemen (Last int) <> RESPONSE) OR (Hehye (Last int) <> RESPONSE) OR (HeOve (Last int) <> RESPONSE) OR (HEpee (Last int) = EMPTY) OR (Heper (Last int) = 4)]*

HEMIN

The next set of questions are just for women and ask about menstrual periods and issues to do with reproductive organs.

INTERVIEWER: Press <1> and <Enter> to continue.

*IF age started menstruation at last interview <> RESPONSE
 [Hemen (Last int <> RESPONSE)]*

HEMEN@

About how old were you when you had your first menstrual period?

INTERVIEWER: If cannot give exact age, code 95 and ask age band at the next question.

Range 0..95

[CHECK HE74-75]

IF age started menstruation = unsure (HEMEN = 95)

HEMEB@

Were you...

- 1 ...less than 11 years old,

2 between 11 and 12 years old,
3 between 13 and 15 years old,
4 between 16 and 18 years old,
5 or more than 18 years old?

END OF FILTER

END OF FILTER

IF uterus or womb removed at last interview= NONRESPONSE
[(Hehye (Last int) <> RESPONSE)

HEHYE@

Have you had an operation for the removal of your uterus or womb?

1 Yes

2 No

IF operation to remove uterus or womb = yes [HEHYE = 1]

HEHY@

When was this operation for the removal of your uterus or womb?

INTERVIEWER: Enter year.

Range : 1900..9997

IF year of operation = DK [HEHY = DK]

HEHYA@

(If you cannot remember the year) please give your age when you had your uterus or womb removed.

INTERVIEWER: Enter age.

Range 0..150

END OF FILTER

END OF FILTER

END OF FILTER

IF oophorectomy at last interview = not answered
((Heove (Last int) <> RESPONSE)

HEOVE@

Have you had an operation to remove both your ovaries (a bilateral oophorectomy)?

1 Yes

2 No

IF oophorectomy = yes [HEOVE = 1]

HEOVY@

When was this operation for the removal of your ovaries?

Range: 1900..9997

IF oophorectomy year = DK [HEOVY = DK]

HEOVYA@

(If you cannot remember the year) please give your age when you had your ovaries removed.

INTERVIEWER: Enter age.

Range : 0..150

END OF FILTER

END OF FILTER

END OF FILTER

*IF (past year menstruation at last interview = EMPTY) or (periods stopped reason at last interview = pregnancy or other reason)
(HEpee(Last int) = EMPTY) OR (Heper (Last int) =4)]*

HEPEE@

In the past 12 months have you had a period or menstrual bleeding?

1 Yes

2 No

[CHECK HE76]

IF past year menstruation = no [HEPEE = 2]

HEPEY@

In what year did you have your last period?

Range : 1900..2011

[CHECK HE77]

IF year of last period = DK [HEPEY = DK]

HEPEA@

(If you cannot remember the year) please give your age when you had your last period.

INTERVIEWER: Enter age.

Range : 1900..2011

[CHECK HE78-79]

END OF FILTER

HEPER@

Were your periods stopped by...

1 ...the menopause (or no obvious reason),

2 surgery (incl, sterilisation/hysterectomy)

3 chemotherapy,

4 pregnancy or breast feeding,

5 or for another reason?

IF reason for periods stopping = other [HEPER = 5]

HEPRB@

INTERVIEWER: specify other reason periods stopped.
STRING [50]

END OF FILTER

END OF FILTER

END OF FILTER

END OF FILTER

*IF ever taken HRT at last interview = not answered
[Hehrt (Last int) <> RESPONSE]*

HEHRT@

This section is about hormone replacement therapy (HRT).
Have you ever taken HRT?

- 1 Yes
- 2 No

IF ever taken HRT = yes [HEHRT = 1]

HEHFY@

When did you first start HRT (hormone replacement therapy)?
INTERVIEWER: Enter year.
Range : 1900..2011

HEHFM@

In what month did you first start HRT (hormone replacement therapy)?

[CHECK HE80-81]

IF year of starting HRT = DK [HeHFY = DK]

HEHFA@

(If you cannot remember the year) please give your age when you first started HRT.
INTERVIEWER: Enter age.
Range : 0..150

END OF FILTER

HEHPS@

When you first started HRT had your periods stopped?
1 Yes
2 No

IF periods stopped before started HRT = yes [HEHPS = 1]

HEHPY@

How long after your last period did you start HRT?
1 Less than 3 months
2 3-6 months
3 7-12 months

4 More than 12 months

END OF FILTER

END OF FILTER

END OF FILTER

IF ever taken HRT = yes

[((HEHRT = 1))]

HEHNO@

Are you currently on HRT?

1 Yes

2 No

IF currently on HRT = no [HEHNO = 2]

HEHST@

When did you last take HRT?

INTERVIEWER: Enter year.

Range : 1900..2050

[CHECK HE82]

IF when last took HRT = DK [HEHST = DK]

HEHSTA@

(If you cannot remember the year) please give your age when you last took HRT.

INTERVIEWER: Enter age.

Range : 0..150

END OF FILTER

END OF FILTER

END OF FILTER

HEGPOFT*

During the four weeks ending yesterday, did [[^]you/[^]name]] talk to a family doctor (GP) about [[^]your/his/her] own health either in person or by telephone?

01 Yes

02 No

IF family doctor = yes [HeGPOft = 1]

HEGPNHS*

Thinking of the last time [[^]you/[^]name]] talked to a doctor, was this consultation ...

INTERVIEWER: Read out ...

01 ...Under the National Health Service,

02 Or, paid for privately?

END OF FILTER

HETSET*@

INTERVIEWER: The Health section is finished.

Please enter <1> here to make the program store the current time and date.

HE Module Checks

HE1-6 SPARE

HE7 HEOPT

HE8 HEOPT

HE9 HEOPT

IF Types of eye condition = RESPONSE [HeOpt = RESPONSE]

LOOP FOR idx:= 1 TO 4

IF (HeOpn[idx] = HasNow)

CHECK (idx IN HeOpt) INVOLVING(HeOpt)

INTERVIEWER: The respondent has confirmed that they have ^ConDisp[idx] at a previous question (HeOpn). Please press <Enter> and add code ^idx at this question.

END CHECK

IF types of eye conditions = idx [HeOpt = idx]

CHECK (ConDisp[idx] <> ") INVOLVING(HeOpt)

INTERVIEWER: You cannot use this code.

END CHECK

END OF FILTER

END OF FILTER

IF Types of eye condition = None [HEOpt= 96]

CHECK: (CARDINAL(HEopt) = 1)

INTERVIEWER: 'None' is an exclusive code at this question. Please change.

END CHECK

END OF FILTER

HE10 HESLPE

HE11 HESLPE

IF (HESLPE = RESPONSE)

CHECK: (HESLPE >= 4)

INTERVIEWER: Are you sure the respondent only gets ^heslpe hours sleep a night?

END CHECK

CHECK: (HESLPE <= 10)

INTERVIEWER: Are you sure the respondent gets ^heslpe hours sleep a night?

END CHECK

END OF FILTER

HE12 HEDIAA

HE13 HEDIAA

IF types of CVD conditions = None [HeDiaa = None]

CHECK: *types of CVD conditions*.CARDINAL = 1 [HeDiaa.CARDINAL = 1]

INTERVIEWER: 'None' is an exclusive code at this question.
Please change!

END CHECK

END OF FILTER

LOOP FOR Idx:= 1 TO 8

IF Reason CVD condition disputed = Did not have previously, but has now [HeDiaN = 3]

CHECK: (Idx = *types of CVD conditions*) INVOLVING (*types of CVD conditions*)
[Idx = HeDiaa INVOLVING HeDiaa]

INTERVIEWER: The respondent has confirmed they have ^XCon[idx] at a
previous question (reason CVD condition disputed).
Please add code ^idx to this question.

END CHECK

END OF FILTER

END OF FILTER

HE14 HEDIX

IF types of CVD conditions = None [HeDiaZ = 96]

CHECK: types of CVD conditions.CARDINAL = 1 [HeDiaZ.CARDINAL = 1]

EDITOR: 'None' is an exclusive code at this question.
Please change!

END CHECK

END OF FILTER

HE15 HEAGA

HE16 HEAGA

IF (Respondent Age > 0) AND (Age first told had angina = RESPONSE)
[IAgeOf > 0 AND HeAga = RESPONSE]

CHECK: age first told had angina <= Respondent Age [HeAga <= IAgeOf]

INTERVIEWER: ^IName[Pnum] is only ^iageof[Pnum] now!
Please check and amend.

END CHECK

END OF FILTER

IF age first told had angina = RESPONSE [HeAga = RESPONSE]

CHECK: age first told had angina > 35 [HeAga > 35]

This seems young (^heaga), can I check?

END CHECK

END OF FILTER

HE17 HEAGARY

HE18 HEAGARY

IF (HeAgaRY = RESPONSE)

CHECK: (HeAgaRY <= SIIIntdat.YEAR)

INTERVIEWER: This date is in the future (^HeagaRY)! Please change!

END CHECK

END OF FILTER

*IF (Date of Last Interview = RESPONSE) AND (Month told had angina = RESPONSE) AND (Year told had angina = RESPONSE) AND (Refreshment sample indicator <> Yes)
[(PrevDate[PNum] = RESPONSE) AND (HeagaR = RESPONSE) AND (HeagaRY = RESPONSE) AND NOT(HFFW.Refresh = 1)]*

CHECK: (PrevDate[PNum] <= TODATE(HeagaRY,ORD(HeagaR),28))

INTERVIEWER: This date is before the date of ^IName[Pnum]'s last interview. Please check! If correct, add Note explaining why the condition was not reported last time.

END CHECK

END OF FILTER

HE19 HEAGB

HE20 HEAGB

*IF (Respondent Age > 0) AND (Age first told had heart attack = RESPONSE)
[IAgeOf > 0 AND HeAgb =RESPONSE]*

CHECK: age first told had heart attack <= Respondent Age [HeAgb <= IAgeOf]

INTERVIEWER: ^IName[Pnum] is only ^iageof[Pnum] now!

Please check and amend.

END CHECK

END OF FILTER

IF age first told had heart attack = RESPONSE [HeAgb = RESPONSE]

CHECK: age first told had heart attack > 35 [HeAgb > 35]

This seems young (^heagb), can I check?

END CHECK

END OF FILTER

HE21 HEAGBRY

HE22 HEAGBRY

*IF ((Interview Date = RESPONSE) AND (Month told had heart attack = RESPONSE)) AND
(Year told had heart attack = RESPONSE)
[(SIIntDat = RESPONSE) AND (HeAgbR= RESPONSE) AND (HeAgbRY= RESPONSE)]*

CHECK: SIIntDat >= (HeAgbRY,ORD(HeAgbR),1))

INTERVIEWER: This date is in the future (^HeAgbR ^HeAgbRY)! Please change!

END CHECK

END OF FILTER

IF ((Previous Interview Date= RESPONSE) AND (Month told had heart attack = RESPONSE)) AND (Year told had heart attack = RESPONSE) AND refreshment sample indicator <> Yes [PrevDate = RESPONSE AND HeAgbR = RESPONSE AND HeAgbRY = RESPONSE AND NOT(HFFW.Refresh = 1)]

CHECK: Previous Interview Date <= TODATE (year told had heart attack, month told had heart attack) [PrevDate <= TODATE HeAgbRY, HeAgbR.ORD, 28]

INTERVIEWER: This date is before the date of ^IName[Pnum]'s last interview. Please check!

END CHECK

END OF FILTER

HE23 HEAGC

HE24 HEAGC

IF (Respondent Age Age > 0) AND (age first told had congestive heart failure = RESPONSE) [IAgeOf > 0 AND HeAgc = RESPONSE]

CHECK: age first told had congestive heart failure <= Respondent Age [HeAgc <= IAgeOf]

INTERVIEWER: ^IName[Pnum] is only ^iageof[Pnum] now!
Please change!

END CHECK

END OF FILTER

IF age first told had congestive heart failure = RESPONSE [HeAgc = RESPONSE]

CHECK: age first told had congestive heart failure > 35 [HeAgc > 35]

This seems young (^heagc), can I check?

END CHECK

END OF FILTER

HE25 HEAGCRY

HE26 HEAGCRY

IF (Interview Date = RESPONSE) AND (month told had congestive heart failure = RESPONSE) AND (year told had congestive heart failure = RESPONSE) [SIntDat = RESPONSE AND HeAgcR = RESPONSE AND HeAgcRY = RESPONSE]

CHECK: Interview Date >= TODATE (year told had congestive heart failure, month told had congestive heart failure.ORD, 1) [QInit.IntDat >= TODATE HeAgcRY, HeAgcR.ORD, 1]

INTERVIEWER: This date is in the future (^HEAgcR ^HEAgcRY)! Please change!
END CHECK
END OF FILTER

IF (Previous Interview Date = RESPONSE) AND (month told had congestive heart failure = RESPONSE) AND (year told had congestive heart failure = RESPONSE) AND NOT refreshemtn sample = yes
[PrevDate = RESPONSE AND HeAgcR = RESPONSE AND HeAgcRY = RESPONSE AND NOT(HFFW.Refresh = 1)]

CHECK: Previous Interview Date <= TODATE (year told had congestive heart failure, month told had congestive heart failure, 28) [PrevDate <= TODATE HeAgcRY, HeAgcR.ORD, 28]
INTERVIEWER: This date is before the date of ^IName[Pnum]'s last interview. Please check!
END CHECK
END OF FILTER

HE27 HEAGD

IF (Respondent Age > 0) AND (age first told had diabetes = RESPONSE)
[IAgeOf > 0 AND HeAgd = RESPONSE]

CHECK: age first told had diabetes <= Respondent Age [HeAgd <= IAgeOf]
INTERVIEWER: ^IName[Pnum] is only ^iageof[Pnum] now!
Please change!
END CHECK
END OF FILTER

HE28 HEAGDRY **HE29 HEAGDRY**

IF ((Interview Date = RESPONSE) AND (month told had diabetes = RESPONSE)) AND (year told had diabetes = RESPONSE) [QInit.IntDat = RESPONSE AND HeAgdR = RESPONSE AND HeAgdRY = RESPONSE]
CHECK: Interview Date >= TODATE (year told had diabetes, month told had diabetes.ORD, 1)
[SIntDat >= TODATE HeAgdRY, HeAgdR.ORD, 1]
INTERVIEWER: This date is in the future (^HEAgcR ^HEAgcRY)! Please change!
END CHECK
END OF FILTER

*IF ((Previous Interview Date = RESPONSE) AND (Month told had diabetes = RESPONSE)) AND (Year told had diabetes = RESPONSE) AND refreshment sample indicator <> yes
[PrevDate = RESPONSE AND HeAgdR = RESPONSE AND HeAgdRY = RESPONSE AND NOT(HFFW.Refresh = 1)]*

CHECK: Previous Interview Date <= TODATE
(year told had diabetes, month told had diabetes.ORD, 28)
[PrevDate <= TODATE HeAgdRY, HeAgdR.ORD, 28]

INTERVIEWER: This date is before the date of ^IName[Pnum]'s last interview. Please check!

END CHECK

END OF FILTER

HE30 SPARE

HE31 HEAGE

HE32 HEAGE

*IF (Respondent Age > 0) AND (Age first told had stroke = RESPONSE)
[IAgeOf > 0 AND HeAge = RESPONSE]*

CHECK: age first told had a stroke <= Respondent Age [HeAge <= IAgeOf]

INTERVIEWER: ^IName[Pnum] is only ^iageof[Pnum] now!
Please change!

END CHECK

END OF FILTER

IF age first told had a stroke = RESPONSE [HeAge = RESPONSE]

CHECK: age first told had a stroke > 35 [HeAge > 35]

This seems young (^heage), can I check?

END CHECK

END OF FILTER

HE33 HEAGERY

HE34 HEAGERY

IF ((Interview Date= RESPONSE) AND (Month told had stroke = RESPONSE)) AND (Year told had stroke = RESPONSE)

[SIntDat = RESPONSE AND HeAgeR = RESPONSE AND HeAgeRY = RESPONSE]

CHECK: Interview Date >= TODATE (HeAgeRY, HeAgeR.ORD, 1)

```
[SIntDat >= TODATE HeAgeRY, HeAgeR.ORD, 1 ]
INTERVIEWER: This date is in the future (^HeAgeR ^HeAgeRY)! Please change!
END CHECK
END OF FILTER
```

```
IF ((Previous Interview Date = RESPONSE) AND (Month told had stroke = RESPONSE)) AND
(Year told had stroke = RESPONSE) and refreshment sample indicator <> yes
[PrevDate = RESPONSE AND HeAgeR = RESPONSE AND HeAgeRY = RESPONSE AND
NOT(HFFW.Refresh = 1)]
```

```
CHECK: PrevDate <= TODATE (year told had a stroke, month told had a stroke.ORD, 28)
[PrevDate <= TODATE HeAgeRY, HeAgeR.ORD, 28 ]
INTERVIEWER: This date is before the date of ^IName[Pnum]'s last interview. Please
check!
END CHECK
END OF FILTER
```

HE34 HEDIAB
HE35 HEDIAB

```
IF types of chronic condition = None [HeDiab = None]
```

```
CHECK: types of chronic condition.CARDINAL = 1 [HeDiab.CARDINAL = 1 ]
INTERVIEWER: 'None' is an exclusive code at this question.
Please change!
END CHECK
END OF FILTER
```

```
LOOP FOR Idx:= 1 TO 10
```

```
IF Reason chronic condition disputed = Has Now [HeDiaM = 3]
CHECK: (Idx = types of chronic condition) INVOLVING (types of chronic condition)
[Idx = HeDiab INVOLVING HeDiab]
INTERVIEWER: Respondent has reported they have ^XCon[idx] at a previous question
(reason chronic condition disputed).
Please add code ^idx to this question.
END CHECK
END OF FILTER
```

END OF FILTER

HE36 HEAGF

*IF (Respondent Age > 0) AND (When first told had arthritis = RESPONSE)
[IAgeOf > 0 AND HeAgf = RESPONSE]*

CHECK: age first told had arthritis <= Respondent Age [HeAgf <= IAgeOf]

INTERVIEWER: ^IName[Pnum] is only ^iageof[Pnum] now!
Please change!

END CHECK

END OF FILTER

HE37 HEAGFRY

HE38 HEAGFRY

*IF (Interview Date = RESPONSE) AND (Month told had arthritis = RESPONSE) AND (Year
told had arthritis = RESPONSE)
[SIntDat = RESPONSE AND HeAgfR =RESPONSE AND HeAgfRY = RESPONSE]*

CHECK: Interview Date >= TODATE (age told had arthritis, month told had arthritis.ORD, 1)
[SIntDat >= TODATE HeAgfRY, HeAgfR.ORD, 1]

INTERVIEWER: This date is in the future (^HeAgfR ^HeAgfRY)! Please change!

END CHECK

END OF FILTER

*IF ((Previous Interview Date = RESPONSE) AND (Month told had arthritis = RESPONSE)) AND
(Year told had arthritis = RESPONSE) and refreshment sample indicator <> yes
[PrevDate = RESPONSE AND HeAgfR RESPONSE AND HeAgfRY = RESPONSE AND
NOT(HFFW.Refresh = 1)]*

CHECK: PrevDate <= TODATE (age told had arthritis, month told had arthritis.ORD, 28)
[PrevDate <= TODATE HeAgfRY, HeAgfR.ORD, 28]

INTERVIEWER: This date is before the date of ^IName[Pnum]'s last interview. Please
check!

END CHECK

END OF FILTER

HE39 HEAGG

HE40 HEAGG

*IF (Respondent Age > 0) AND (Age first told had cancer = RESPONSE)
[IAgeOf > 0 AND HeAgg = RESPONSE]*

|

CHECK: age first told had cancer <= Respondent Age [HeAgg <= IAgeOf]
INTERVIEWER: ^IName[Pnum] is only ^iageof[Pnum] now!
Please change!
END CHECK
END OF FILTER

IF age first told had cancer = RESPONSE [HeAgg = RESPONSE]

CHECK: age first told had cancer > 35 [HeAgg > 35]
This seems young (^heagg), can I check?
END CHECK
END OF FILTER

HE41 HEAGGRY
HE42 HEAGGRY

IF (Interview Date = RESPONSE) AND (Month told had cancer = RESPONSE) AND (Year told had cancer = RESPONSE)

[SIntDat = RESPONSE AND HeAggR = RESPONSE AND HeAggRY = RESPONSE]

CHECK: Interview Date >= TODATE (year told had cancer, month told had cancer, 1)
[SIntDat >= TODATE HeAggRY, HeAggR.ORD, 1]

INTERVIEWER: This date is in the future (^HeAggR ^HeAggRY)! Please change!
END CHECK
END OF FILTER

IF (Previous Interview Date = RESPONSE) AND (Month told had cancer = RESPONSE) AND (Year told had cancer = RESPONSE) and refreshment sample indicator <> yes

[PrevDate = RESPONSE AND HeAggR = RESPONSE AND HeAggRY = RESPONSE AND NOT(HFFW.Refresh = 1)]

CHECK: PrevDate <= TODATE (year told had cancer, month told had cancer.ORD, 28)
[PrevDate <= TODATE HeAggRY, HeAggR.ORD, 28]

INTERVIEWER: This date is before the date of ^IName[Pnum]'s last interview. Please check!
END CHECK
END OF FILTER

HE43 HEPRK
HE44 HEPRK

IF (Respondent Age > 0) AND (Age first told had Parkinson's disease = RESPONSE)

[IAgeOf > 0 AND HePrk = RESPONSE]

CHECK: age first told had Parkinson's disease <= Respondent Age [HePrk <= IAgeOf]

INTERVIEWER: ^IName[Pnum] is only ^iageof[Pnum] now!
Please change!

END CHECK

END OF FILTER

IF age first told had Parkinson's disease = RESPONSE [HePrk = RESPONSE]

CHECK: age first told had Parkinson's disease > 50 [HePrk > 50]

This seems young (^heprk), can I check?

END CHECK

END OF FILTER

HE45 HEPKRY

HE46 HEPKRY

IF Interview Date = RESPONSE [SIntDat = RESPONSE]

CHECK: Interview Date >= TODATE

(year told had Parkinson's disease, month told had Parkinson's disease.ORD, 1)

[SIntDat >= TODATE HePrkRY, HePrkR.ORD, 1]

INTERVIEWER: This date is in the future (^HePrkR ^HePrkRY)! Please
change!

END CHECK

END OF FILTER

IF ((Previous Interview Date = RESPONSE) AND (Month told had Parkinson's disease = RESPONSE))

AND (Year told had Parkinson's disease = RESPONSE) AND refreshment sample indicator <> yes

[PrevDate = RESPONSE AND HePrkR = RESPONSE AND HePrkRY = RESPONSE AND

NOT(HFFW.Refresh = 1)]

CHECK: PrevDate <= TODATE

(year told had Parkinson's disease, month told had Parkinson's disease.ORD, 28)

[PrevDate <= TODATE HePrkRY, HePrkR.ORD, 28]

INTERVIEWER: This date is before the date of ^IName[Pnum]'s last interview. Please
check!

END CHECK

END OF FILTER

HE47 HEAGH

*IF (Respondent Age > 0) AND (Age first told had psychiatric problems = RESPONSE)
[IAgeOf > 0 AND HeAgh = RESPONSE]*

CHECK: age first told had psychiatric problems <= Respondent Age [HeAgh <= IAgeOf]

*INTERVIEWER: ^IName[Pnum] is only ^iageof[Pnum] now!
Please change!*

END CHECK

END OF FILTER

HE48 HEAGHRY

HE49 HEAGHRY

*IF (Interview Date = RESPONSE) AND (Month told had psychiatric problems = RESPONSE) AND
(Year told had psychiatric problems = RESPONSE)
[SIntDat = RESPONSE AND HeAghR = RESPONSE AND HeAghRY = RESPONSE]*

CHECK: Interview Date >= TODATE

*(year told had psychiatric problems, month told had psychiatric problems.ORD, 1)
[SIntDat >= TODATE HeAghRY, HeAghR.ORD, 1]*

INTERVIEWER: This date is in the future (^HEAghR ^HEAghRY)! Please change!

END CHECK

END OF FILTER

*IF (Previous Interview Date = RESPONSE) AND (Month told had psychiatric problems = RESPONSE)
AND (Year told had psychiatric problems = RESPONSE) AND refreshment sample indicator <> yes
[PrevDate = RESPONSE AND HeAghR = RESPONSE AND HeAghRY = RESPONSE AND
NOT(HFFW.Refresh = 1)]*

CHECK: PrevDate <= TODATE

*(year told had psychiatric problems, month told had psychiatric problems.ORD, 28)
[PrevDate <= TODATE HeAghRY, HeAghR.ORD, 28]*

*INTERVIEWER: This date is before the date of ^IName[Pnum]'s last interview. Please
check!*

END CHECK

END OF FILTER

HE50 HEAGI

HE51 HEAGI

*IF (Respondent Age > 0) AND (Age first told had Alzheimer's = RESPONSE) [IAgeOf > 0 AND HeAgi =
RESPONSE]*

|

CHECK: age first told had Alzheimer's disease <= Respondent Age [HeAgi <= IAgeOf]
INTERVIEWER: ^IName[Pnum] is only ^iageof[Pnum] now!
Please change!
END CHECK
END OF FILTER

IF age first told had Alzheimer's disease = RESPONSE [HeAgi = RESPONSE]
CHECK: age first told had Alzheimer's disease > 50 [HeAgi > 50]
This seems young (^heagi), can I check?
END CHECK
END OF FILTER

HE52 HEAGIRY
HE53 HEAGIRY

IF (Interview Date = RESPONSE) AND (Month told had Alzheimer's = RESPONSE) AND (Year told had Alzheimer's = RESPONSE) AND [SIntDat = RESPONSE AND HeAgiR = RESPONSE AND HeAgiRY = RESPONSE]
CHECK: Interview Date >= TODATE (year told had Alzheimer's disease, month told had Alzheimer's disease.ORD, 1) [SIntDat >= TODATE HeAgiRY, HeAgiR.ORD, 1]
INTERVIEWER: This date is in the future (^HeAgiR ^HeAgiRY)! Please change!
END CHECK
END OF FILTER

IF (Previous Interview Date = RESPONSE) AND (Month told had Alzheimer's = RESPONSE) AND (Year told had Alzheimer's = RESPONSE) AND refreshment sample indicator <> yes [PrevDate = RESPONSE AND HeAgiR = RESPONSE AND HeAgiRY = RESPONSE AND NOT(HFFW.Refresh = 1)]
CHECK: PrevDate <= TODATE (year told had Alzheimer's disease, month told had Alzheimer's disease.ORD, 28) [PrevDate <= TODATE HeAgiRY, HeAgiR.ORD, 28]
INTERVIEWER: This date is before the date of ^IName[Pnum]'s last interview. Please check!
END CHECK
END OF FILTER

HE53 HEAGJ

HE54 HEAGJ

IF (Respondent Age > 0) AND (age first told had dementia = RESPONSE)
[IAgeOf > 0 AND HeAgj = RESPONSE]

CHECK: age first told had dementia <= Respondent Age [HeAgj <= IAgeOf]

INTERVIEWER: ^IName[Pnum] is only ^iageof[Pnum] now! Please change!

END CHECK

END OF FILTER

IF age first told had dementia = RESPONSE [HeAgj = RESPONSE]

CHECK: age first told had dementia > 50 [HeAgj > 50]

This seems young (^heagj), can I check?

END CHECK

END OF FILTER

HE56 HEAGJRY

HE57 HEAGJRY

IF (Interview Date = RESPONSE) AND (month told had dementia = RESPONSE) AND
(Year told had dementia = RESPONSE)

[SIntDat = RESPONSE AND HeAgjR = RESPONSE AND HeAgjRY = RESPONSE]

CHECK: Interview Date >= TODATE (year told had dementia, month told had dementia.ORD, 1)

[SIntDat >= TODATE year told had dementia, month told had dementia.ORD, 1]

INTERVIEWER: This date is in the future (^HeAgjR ^HeAgjRY)! Please change!

END CHECK

END OF FILTER

IF (Previous Interview Date = RESPONSE) AND (Month told had memory impairment = RESPONSE)
AND (Year told had memory impairment = RESPONSE) AND refreshement sample indicator = Yes
[PrevDate = RESPONSE AND HeAgjR = RESPONSE AND HeAgjRY = RESPONSE AND
NOT(HFFW.Refresh = Yes)]

CHECK: PrevDate <= TODATE (year told had dementia, month told had dementia, 28)

[PrevDate <= TODATE HeAgjRY, HeAgjR.ORD, 28]

INTERVIEWER: This date is before the date of ^IName[Pnum]'s last interview. Please check!

END CHECK

END OF FILTER

HE58 HEFLB

*IF (whether post-interview editing question = Yes) AND (Number of times fallen down =RESPONSE)
[EditQre = 1 AND HeFlb = RESPONSE]*

CHECK: (number of times fallen down > 0) INVOLVING (whether fallen down, number of times fallen down)

[HeFlb > 0 INVOLVING HeFla, HeFlb]

EDIT: Number of Falls
number of times fallen down=0
Please change whether fallen down to 'no'.

END CHECK

END OF FILTER

HE59 HEADLA

IF None = activities has difficulties doing (set A) [None = HeADLa]

CHECK: activities has difficulties doing (set A).CARDINAL = 1

[HeADLa.CARDINAL = 1]

INTERVIEWER: 'None' is an exclusive code at this question.
Please change!

END CHECK

END OF FILTER

HE60 HEADLB

IF activities has difficulties doing (set B) = None [None = HeADLb]

CHECK: activities has difficulties doing (set B).CARDINAL = 1 [HeADLb.CARDINAL = 1]

INTERVIEWER: 'None' is an exclusive code at this question.
Please change!

END CHECK

END OF FILTER

SC1 CAHIN

IF who provides care = none [CaHin=none]

CHECK: (CaHin.CARDINAL = 1)

Did you mean to choose 'None of the above' as well as one of the other codes? Please change.

```
|  
| END CHECK  
|  
END OF FILTER
```

SC2 CAHFO

IF who provides care = none [CaHfo=none]

```
|  
| CHECK: (CaHfo.CARDINAL = 1)  
|  
| Did you mean to choose 'None of the above' as well as one of the other codes? Please change.  
|  
| END CHECK  
|  
END OF FILTER
```

SC3 CAPNO

SC4 CAPNO

SC5 CAPNO

IF person number = RESPONSE [pnober = RESPONSE]

```
|  
| CHECK: (DMpres[pnober.ORD] = YES) INVOLVING(pnober)  
|  
| This code is not valid for this question.  
|  
| END CHECK  
|  
| CHECK: pnober <> prespno INVOLVING(pnober)  
|  
| This code is the respondent - please change!  
|  
| END CHECK  
|  
| CHECK: Cahadp[pnober.ord] <=1 INVOLVING(pnober)  
|  
| Already had this person - please change!.  
|  
| END CHECK  
|  
END OF FILTER
```

SC6 CAHHC

SC7 CAHHC

SC8 CAHHC

CHECK: (qhelpc[1].CaHHc=response) and (qhelpc[2].CaHHc=response) then (qhelpc[1].CaHHc <> qhelpc[2].CaHHc)

```
|  
| [^/do/does] [^you/[^name]] have different people helping with different things?  
| IF yes - SELECT MAIN TASK  
| IF no - please change
```

END CHECK

CHECK: (qhelpc[1].CaHHc=response) and (qhelpc[3].CaHHc=response) then (qhelpc[1].CaHHc <> qhelpc[3].CaHHc)

[^/do/does] [^you/[^name]] have different people helping with different things?
IF yes - SELECT MAIN TASK
IF no - please change

END CHECK

CHECK: (qhelpc[2].CaHHc=response) and (qhelpc[3].CaHHc=response) then (qhelpc[2].CaHHc <> qhelpc[3].CaHHc)

[^/do/does] [^you/[^name]] have different people helping with different things?
IF yes - SELECT MAIN TASK
IF no - please change

END CHECK

SC9 CAHRF

IF Number of hours care provided for = RESPONSE [CaHrF[ploop] = RESPONSE]

CHECK: CaHrF[ploop] < 30

That is a high number of hours. Check this is correct and amend if necessary

END CHECK

END OF FILTER

SC10 CADP

IF Type of payment =Neither [CaDP=3]

CHECK: cardinal(CaDP)=1

'Neither' is an exclusive code at this question. Please change!

END CHECK

END OF FILTER

SC11 CAPAD

IF Other Payment = NO [CaPAd = 2]

CHECK: (CARDINAL(CaPAd) = 1)

Nobody' is an exclusive code. Please change!

| END CHECK
| END OF FILTER

HE61 CA CLUB

IF other help = None [CaClub=96]

| CHECK: (CaClub.CARDINAL = 1)
| 'None of these' is an exclusive code for this question.
| END CHECK
| END OF FILTER

HE62 HEAID

IF walking aids used = None [HeAid=96]

| CHECK: (CARDINAL(HEAid) = 1)
| 'None of these' is an exclusive code for this question. Please change!
| END CHECK
| END OF FILTER

HE63 HEAP2

CHECK: (HeAP2 <> No) INVOLVING(HeAidP)

| INTERVIEWER: Please go back and add who else paid for mobility aid at HeAidP.
| END CHECK

HE64 HESKB

HE65 HESKB

HE66 HESKC

HE67 HESKC

IF number of cigarettes smoked on weekday = RESPONSE [HeSkb = RESPONSE]

| CHECK: number of cigarettes smoked on weekday <= 200 [HeSkb <= 200]
| INTERVIEWER: This is more than 200 a day. Please change.
| END CHECK
| CHECK: number of cigarettes smoked on <= 60 [HeSkb <= 60]
|

| INTERVIEWER: This seems high (^heskb). Please check.
| END CHECK
END OF FILTER

IF number of cigarettes smoked a day at weekends = RESPONSE [HeSkc = RESPONSE]

| CHECK: number of cigarettes smoked a day at weekends <= 200 [HeSkc <= 200]
| INTERVIEWER: This is more than 200 a day. Please change.
| END CHECK

| CHECK: number of cigarettes smoked a day at weekends <= 60 [HeSkc <= 60]
| INTERVIEWER: This seems high (^heskc). Please check.
| END CHECK

END OF FILTER

HE68 HETBB
HE69 HETBB
HE70 HETBB

IF amount of tobacco smoked on weekday = RESPONSE [HETbb = RESPONSE]

| CHECK: amount of tobacco smoked on weekday <= 200 [HETbb <= 200]
| INTERVIEWER: This is more than 200 a day. Please change.
| END CHECK

IF tobacco smoked on weekday - whether grams or ounces reported = Ounces [HeTba = 2]

| CHECK: amount of tobacco smoked on weekday <= 4 [HETbb <= 4]
| INTERVIEWER: This seems high (^hetbb ^hetba). Please check.
| END CHECK

ELSE

| CHECK: amount of tobacco smoked on weekday <= 120 [HETbb <= 120]
| INTERVIEWER: This seems high (^hetbb ^hetba). Please check.
| END CHECK

END OF FILTER

END OF FILTER

HE71 HETBD
HE72 HETBD
HE73 HETBD

IF amount of tobacco smoked a day at weekends = RESPONSE [HETbd = RESPONSE]

CHECK: amount of tobacco smoked a day at weekends <= 200 [HETbd <= 200]

INTERVIEWER: This is more than 200 a day. Please change.

END CHECK

IF amount of tobacco smoked a day at weekends = Ounces [HeTbc =2]

CHECK: amount of tobacco smoked a day at weekends <= 4 [HETbd <= 4]

INTERVIEWER: This seems high (^hetbd ^hetbc). Please check.

END CHECK

ELSE

CHECK: amount of tobacco smoked a day at weekends <= 120 [HETbd <= 120]

INTERVIEWER: This seems high (^hetbd ^hetbc). Please check.

END CHECK

END OF FILTER

END OF FILTER

HE74 HEMEN
HE75 HEMEN

CHECK: IF (HEMEN = RESPONSE) THEN (HEMEN <= 20) OR (HEMEN = 95)

Are you sure the respondent started their periods after the age of 20? If yes please explain in a note.

END CHECK

CHECK: (HEMEN >= 8) OR (HEMEN = 95)

Are you sure the respondent started their periods before the age of 8? If yes please explain in a note.

END CHECK

HE76 HEPEE

IF (HEPEE = yes)

CHECK: (HEHYE <> yes AND HEOVE <> Yes) INVOLVING (HEPEE)

Interviewer: Are you sure the respondent has had a period in the last 12 months, as they have said that they have had their uterus, womb or ovaries removed? If yes please explain in a note.

END CHECK

END OF FILTER

HE77 HEPEY

IF (SIIntDat = RESPONSE)

CHECK: (YEAR(SIIntDat) >= HEPEY) INVOLVING(HePey)

INTERVIEWER: This date is in the future (^HePey)! Please change!

END CHECK

END OF FILTER

HE78 HEPEA

HE79 HEPEA

IF (HEPEA = RESPONSE) THEN

CHECK: (HEPEA >= 20)

Interviewer: Are you sure respondent period stopped at this age? If so please explain in a note.

END CHECK

CHECK: (HEPEA >= HEMEN) INVOLVING(HEPEA)

Interviewer: Are you sure respondent period stopped at this age? If so please explain in a note.

END CHECK

END OF FILTER

HE80 HEH FY

HE81 HEH FY

CHECK: (HEH FY <= SIIntDat.YEAR)

You have entered a future year. Please check and amend.

END CHECK

CHECK: (HEH FY = SIIntDat.YEAR) THEN (HEH FM <= SIIntDat.MONTH)

You have entered a future date. Please check and amend.

END CHECK

HE82 HEPEY

IF (SIIntDat = RESPONSE)

CHECK: (YEAR(SIIntDat) >= HEHST) INVOLVING(HePey)

INTERVIEWER: This date is in the future (^HEHST)! Please change!

END CHECK

END OF FILTER