

1978-2018


## BRITISH REGIONAL HEART STUDY

## 2018

Thank you very much for taking the time to complete this questionnaire, which will bring us up to date with your present health and circumstances. All the information will be treated as strictly confidential and will only be seen by the Research Team.

Most questions can be answered by ticking the correct box


Please check that you have answered as many questions as you can and return it to us in the envelope provided - you do not need to use a stamp.

If you need any help answering the questions, or would like a large-print copy, please phone us on 02078302335 and give us your telephone number. We will then call you back to answer your query.

## THANK YOU FOR YOUR HELP

Professor Peter Whincup \& Ms Lucy Lennon on behalf of the British Regional Heart Study research team

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## Dates

| 1.0 | Please enter today's date | q40at_0Day | q40a1_0Mont | q40q1_0Year |
| :---: | :---: | :---: | :---: | :---: |
|  |  | day | month | year |
| 1.1 | Please give your Date of Birth | q40a1_1Day | q40a1_1Month 1 | q40a1_1Year |
|  |  | day | month | year |

(This information is necessary for us to ensure that you are the correct recipient).

## Conditions affecting the heart or circulation

2.0 Have you ever been told by a doctor that you have or have had any of the following conditions?
a
b

C
d
e
f
g
h
i
j
k

I
m

| Acute coronary syndrome Yes No $\square$ | q40q2_0a |
| :---: | :---: |
| Angina $\square \square$ | q40q2_0b |
| Aortic Aneurysm $\quad \square$ | q40q2_0c |
| Atrial Fibrillation $\square \square$ | q40q2_0d |
| Deep Vein Thrombosis (clot in the deep leg vein) | q40q2_0e |
| Heart attack (coronary thrombosis or myocardial infarction) $\square$ $\square$ | q40q2_0f |
| Heart failure $\square \square$ | q40q2_0g |
| High blood pressure $\square \square$ | q40q2_0h |
| High cholesterol $\square \square$ | q40q2_0i |
| Narrowing or hardening of the leg arteries (including claudication) | q40q2_0j |
| Pulmonary Embolism (clot on the lung) | q40q2_0k |
| Other problems of the heart and circulation $\square \square$ | q40q2_01 |

If yes, please give details

## Stroke



Investigations and special treatment for conditions affecting your heart and circulation

| 4.0 | Have you | d one of the following? | Yes | No | Year of last occurrence |
| :---: | :---: | :---: | :---: | :---: | :---: |
| a | q40q4_0a | A referral for an echocardiogram ("echo") |  |  | q40a4_0a_year |
| b | q40q4_0b | An exercise ECG ("stress" or "treadmill") test |  |  | q40q4_0b_year |
| c | q40q4_0c | Angiogram or X-ray of coronary arteries (using a dye) |  |  | q40q4_0c_year |
| d | q40q4_0d | Angioplasty <br> (balloon treatment of coronary artery, PCI , stents) |  |  | q40q4_0d_year |
| e | q40q4_0e | Coronary artery bypass graft operation ("heart bypass" or "CABG") |  |  | q40q4_0e_year |
| f | q40q4_0f | Other tests, investigations or operations on your heart, arteries or veins? |  |  | q40q4_Of_year |

g $\quad$ 4 $40 q^{4} \_0 \mathrm{~g}$ If yes, please give details:

Office Use

## Cardiac rehabilitation

4.1 Have you ever taken part in an exercise programme (cardiac rehabilitation) after experiencing a heart problem, cardiac surgery or procedure or a stroke?


If yes, which year was this?
q40q4_2

| Diabetes |  |
| :--- | :--- |
| 5.0 Have you ever been told by a doctor that you have or have had diabetes? | Yes No <br> $\square$Year of <br> diagnosis |
| $\square$ |  |

5.1 If yes, do you have any complications of diabetes affecting your:
a
b
$c$

|  |  |
| :---: | :---: |
| (Tick all that apply) |  |
| kidneys | 1q40q5_1bkid |
| eyes | 194095_1cey |
| nerves |  |
| none | 194095_1enon |



## Other medical conditions

7.0 Have you ever been told by a doctor that you have or have had any of the following conditions?

| a | Alzheimer's disease $\square$ Yes No | q40q7_0a |
| :---: | :---: | :---: |
| b | Anaemia $\square \square$ | q40a7_0b |
| c | Asthma $\square \square$ | q40q7_0c |
| d | Bronchitis $\square \square$ | q40q7_0d |
| e | Cataract $\square \square$ | q40a7_0e |
| f | Chronic Kidney disease $\square \square$ | q4097_0f |
| g | Chronic obstructive pulmonary disease (COPD) $\square \square$ | q40q7_0g |
| h | Crohn's disease $\square \square$ | q40q7_0h |
| i | Dementia $\square \square$ | q4097_0i |
| j | Depression $\square \square$ | q4097_0j |
| k | Emphysema $\square \square$ | q40q7_0k |
| 1 | Gall bladder disease $\square \square$ | q4097_01 |
| m | Gastric, peptic or duodenal ulcer $\square \square$ | q40q7_0m |
| n | Glaucoma $\square \square$ | q40q7_0n |
| - | Gout $\square \square$ | q40q7_0o |
| p | Liver disease, cirrhosis or hepatitis $\square \square$ | q40q7_0p |
| q | Macular degeneration $\square \square$ | q40q7_0q |
| r | Osteoporosis $\square \square$ | q40a7_0r |
| s | Parkinson's disease $\square \square$ | q40a7_0s |
| t | Pneumonia $\square \square$ | q40q7_0t |
| u | Prostate trouble $\square \square$ | q40a7_0u |
| v | Shingles $\square \square$ | q40q7_0v |
| w | Ulcerative colitis $\square \square$ | q40q7_0w office Use |
| x | Other conditions, please give details $\qquad$ |  |
|  | q40a7_0x_other_box2 |  |

## Chest Pain

8.0 Do you ever have any pain or discomfort in your chest?

8.1 When you walk at an ordinary pace on the level, does this produce the chest pain?

8.2 When you walk uphill or hurry, does this produce the chest pain? $\square \square \square$ Nos Unable to walk uphill

## Breathlessness

9.0 Do you ever get short of breath walking with other people of your own age on level ground?

Yes No Unable to walk
9.1 On walking uphill or upstairs, do you get more breathless than people of your own age?

q40q9_1

Do you ever have to stop walking because of breathlessness?
9.3

In the past year have you at any time been awoken at night by an attack of shortness of breath?
$\square$


## Cough and Wheeze

10.0 Do you usually bring up phlegm (or spit) from your chest first thing in the morning in the winter?
10.1 Do you bring up phlegm like this on most days for as much as three months in the winter each year?

10.2 In the past four years have you had a period of increased cough and phlegm lasting for 3 weeks or more?

| Yes, once | q40q10_2 |  |
| ---: | ---: | ---: |
| Yes, twice or more |  |  |
| Never | $\square$ |  |
| days or nights? | $\square$ | quaq10_3 |

## Chest infections and antibiotics

10.5 How many times in the past year have you had a chest infection requiring antibiotic treatment from your doctor?

| None | $\square_{1}$ | $q 40 q 10 \_5$ |
| ---: | :--- | ---: |
| Once | $\square_{2}$ |  |
| More than once | $\square_{3}$ |  |

## Operations

11.0 Have you had any major operations in the last 10 years?
11.1 If yes, please give details:
Yes
$\square$
Office Use
No
q40q11_0

## Bladder control

11.2 Many people complain that they leak urine unintentionally. In the
 past 12 months, have you leaked even a small amount of urine?

## Leg Pain

12.0 Do you get pain or discomfort in your leg or legs when you walk?
12.1 Does this pain ever begin when you are standing still or sitting?

12.2 Do you get the pain if you walk uphill or hurry?
12.3 Do you get the pain walking at an ordinary pace on the level?
12.4 What happens to the pain if you stand still?

| Usually continues more than 10 minutes | $\square_{1}$ | q40q12_4 |
| :--- | :--- | :--- |
| Usually disappears in 10 minutes or less | $\square_{2}$ |  |

12.5 Please mark on the diagram below where you get the pain.

FRONT


BACK



## Joint pain, swelling or stiffness



## Lower back pain

$15.0 \quad$ Have you ever had pain in your lower back on most days for
at least one month?

## Falls

16.0 At the present time, are you afraid that you may fall over?




## Your overall health

Please indicate which statements best describe your health TODAY.
18.0

## General health

## Pain/discomfort



Mobility
I have no problems in walking about I have some problems in walking about I am confined to a chair/wheelchair
 q40q18_3

18.4

Anxiety/depression
I am moderately anxious and/or depressed
$\square$ q40q18_4

## Health scale

We have drawn a health scale (rather like a thermometer) on which perfect health is 100 and very poor health is 0 .

Please put a cross $(\mathbf{X})$ on the scale to reflect how good or bad your health is today.


## Eyesight

Using glasses or corrective lenses if needed, can you see well enough to Yes No
recognise a friend at a distance of 12 feet/ four yards (across a road)?
If no, can you see well enough to recognise a friend at a distance of three
feet/ one yard?

| Hearing | Yes | No |
| :--- | ---: | :--- |
| $20.0 \quad$ Have you ever had a hearing test? | $\square \square$ q40q20_0 |  |
| 20.1 | If yes, were you offered a hearing aid? | $\square \square q 40 q 20 \_1$ |

20.2 Do you use a hearing aid? $\quad$

Is your hearing good enough to follow a TV programme at a volume others find acceptable (using a hearing aid if needed)?
20.4 If no, can you follow a TV programme with the volume turned up?

## Weight

21.0 What is your present weight (with indoor clothes, without shoes)?

21.1 If you have no scales and have made an estimate please tick here $\square_{1}$ q40q21_1
21.2 Has your weight changed in the last four years?


## If your weight has changed in the last four years:

21.3 Was this change intentional?

(Tick all that apply)
21.4 a

Was it the result of
b
Personal choice $\square$ q40q21_4a Medical adviceq40q21_4b Illness or ill health $\square$ 1 q40q21_4c

## Cigarette Smoking

22.1 Have you ever smoked cigarettes?
22.2 Do you smoke cigarettes at present?


If yes, how many cigarettes do your smoke per day ${ }^{\text {q40q22_2_cig_per_day }}$ per day

## Alcohol Intake

23.0 Would you describe your present alcohol intake as


One drink is HALF A PINT of beer/cider, or SINGLE whisky, gin, or ONE GLASS of wine or sherry
23.1 How much do you usually drink on the days when you drink alcohol?

23.2 How many alcoholic drinks do you have during an average $\qquad$ week?
23.3 What type of drink do you usually take?
(Tick all that apply)
a
b
c
d
e

| Beers, Lagers | $\square_{1}$ q40q23_3a |
| ---: | ---: |
| Wines, Sherry | $\square_{1}$ q40q23_3b |
| Spirits | $\square_{1}$ q40q23_3c |
| Combination of Beers, Wines or Spirits | $\square_{1}$ q40q23_3d |
| Low alcohol drinks | $\square_{1}$ q40q23_3e |

## Water intake

24.0 How many glasses of water do you drink a day?

## Snacks

25.0 How many times a day do you snack on
a Savoury snacks (e.g. crisps/ salted nuts)?
q40q24_0a times per day q40q24_0b times per day

## Meals

25.1 Do you receive help preparing your meals?

a If yes, is this from
b
Social/Local Authority services or private provider? Friends/family?
q40q25_1c

## Physical activity

26.0 Do you make regular journeys every day or most days either walking or cycling?

26.1 How many hours do you normally spend walking e.g. on errands or for leisure in an average week? q40q26_1 hours
26.2 Which of the following best describes your usual walking pace?

26.3 How long do you spend cycling in an average week?
$\qquad$ q40q26_3 hours $\begin{array}{llll}\text { 26.4 } \begin{array}{l}\text { On a normal day, how many times do you climb a flight of stairs } \\ \text { (assuming that } 1 \text { flight of stairs has } 10 \text { steps)? }\end{array} & \begin{array}{l}\text { q40q26_4 } \\ \text { a }\end{array} \\ \text { a times /day }\end{array}$
26.5 Compared with a man who spends two hours on most days on activities such as: walking, gardening, household chores, DIY projects, how physically active would you consider yourself?

26.6 Do you take active sporting physical exercise such as running, swimming, dancing, golf, tennis, squash, jogging, bowls, cycling, hiking, etc.?

26.7 If you ticked frequently please state type of activities:

Office Use
q40q26_6_box

How many times a month on average do you take part in these activities?
(please give overall total)
26.9

In winter q40q26_8 times a month In summer q40q26_9 times a month

## General Fitness



## Muscle strength and endurance

Do you engage in exercises to increase muscle strength and endurance such
as lifting weights, doing push-ups, using exercise machines?
28.1 If yes, on average, how much time each week do you engage in these exercises?
q40q28_1hours q40q28_1mins

## Grip Strength

29.0 How would you rate your hand grip strength compared to other people your age?


## Strengthening and Balance Exercises

We are interested to know about activities that you do, either through exercise or part of your everyday living, that use your muscles. (Please circle the number of times you do the activity).
30.0
a Carrying or moving heavy loads -e.g. carrying shopping or grandchildren, pushing a wheelchair or lawnmower.
b Doing exercises - e.g. push ups, sit ups, chair aerobics, an exercise routine.
c Balance and co-ordination-e.g. dancing, standing on one leg, or Tai Chi style exercises.

## Long standing illness, disability or infirmity

31.0 Do you have any long-standing illness, disability or infirmity?

"long-standing" means anything which has troubled you over a period of time or is likely to do so If yes, does this illness or disability limit your activities in any way? $\square \square$ q40q31_0a do you receive a disability allowance? $\square$ q40q31_0b

## Disability

Do you currently have difficulty carrying out any of the following activities on your own?
a
b
C
d
e
f

|  | Yes No | q40q32_0a |
| ---: | ---: | ---: |
| Going up or down stairs | $\square \square$ | q40q32_0b |
| Bending down | $\square \square$ | q40q3 |
| Straightening up | $\square \square$ | q40q32_0c |
| Keeping your balance | $\square \square$ | q40q32_0d |
| Going out of the house | $\square \square$ | q40q32_0e |
| Walking 400 yards | $\square \square$ | q40q32_0f |

32.1 Is your present state of health causing problems with any of the following:-
a
b
C
d
e

|  | Yes | No |
| ---: | ---: | ---: |
| Job at work paid employment |  |  |
| Jousehold chores | $\square \square$ | $\square$ q40q32_1a |
| Social life | $\square \square$ | q40q32_1b |

32.2 Do you have any difficulties getting about outdoors?


## Mobility Aids

Do you use any mobility aids?
33.1 If yes, which aids or appliances do you use to help with day to day activities?
(Tick all that apply)

| Walking stick | $\square_{1}$ | q40q33_1a |  |
| ---: | ---: | :--- | :--- |
| Walking frame | $\square_{1}$ | q40q33_1b |  |
| Wheelchair/ mobility scooter | $\square_{1}$ | q40q33_1c | office Use |
| Other | $\square_{1}$ | q40q33_1d | q40q33_1d_box |

## Activities of daily living

The following questions will help us to understand difficulties people may have with various everyday activities
34.0 What is the furthest you can walk on your own without stopping and without discomfort?

| 200 yards or more | $\square_{1}$ |
| ---: | :--- | :--- |
| More than a few steps but less than 200 yards | $\square_{2}$ |
| Only a few steps | $\square_{3}$ |

34.1 Can you walk up and down a flight of 12 stairs without resting?

34.2 When standing, can you bend down and pick up a shoe from the floor?
34.3 When sitting, can you rise from a chair of knee height, without using your hands?

34.4 Would you say there has been any change in your ability to do practical things in the past two years?


## Difficulties with Activities of daily living

35.0 Please indicate if you have difficulty doing any of the following activities:

| No | Some <br> difficulty | Unable to <br> do or need |
| :---: | :---: | :---: |
| help |  |  |

$a^{q 40 q 35 \_0 a}$ Reaching or extending your arms above shoulder level b ${ }^{\text {q40q35_0b }}$ Pulling or pushing large objects like a living room chair

c $\quad$ q40q35_0c
d
q40q35_0d
e q40q35_0e
f q40q35_0f
g q40q35_0g
h q40q35_0h
i q40q35_0i
j q40q35_0j Lifting and carrying something as heavy as 10 lbs , (e.g. a bag of groceries)

Shopping for personal items such as toilet items or medicine by yourself

Doing light housework (e.g. washing up)

Preparing your own meals by yourself Using the telephone by yourself

Taking medications by yourself Managing money (e.g.paying bills etc)

Using public transport on your own Driving a car on your own

s q40q35_0s
Gripping with hands (e.g.opening a jam jar) $\square$


## Appetite

Which of the following statements best describes your appetite:
36.0 My appetite is

36.1 When I eat, I feel full after eating
36.2 Food generally tastes

36.3 Normally I eat

36.4 Have you noticed any change in your appetite over the past three months?

36.5 If you have had a loss of appetite, what was the reason for this?

## Appetite and eating

37.0 Do you have an illness or a physical condition that interferes with
 your appetite or ability to eat?

If Yes, please indicate the conditions that interfere with your appetite or ability to eat.
(Tick all that apply)
q40q37_1_problems_with_teeth
Problems with your teeth

$\qquad$ Swallowing problems q40937_1_pain_on_chewing Pain on chewing $\qquad$ $\square_{1}$
q40q37_1_poor_taste Poor taste q40937_1_poor_smel Poor smell $\qquad$
(Tick all that apply)
q40937_1_stomach_abdominal Stomach/ abdominal pain $\qquad$ $\int_{1}$ q40q37 1 Gas bloating Gas/ bloating $\qquad$ 1 q40a37 1 indegestion heartburn
 q40937_1_constipation_diarrhoea Cons̄tipation/Diarrhoea


Office Use
Other q40q37_1_other
 q40937_1_other_box
37.2 Are there days when you don't feel like eating at all?


If yes,
37.3 About how often would you say you don't feel like eating at all?

37.4 What do you think are the reasons you do not feel like eating?
(Tick all that apply)
a
b
c
d
e
f
g

|  | Not hungry | $]_{1} 940937$ _4a |
| :---: | :---: | :---: |
| In general, food is not appealing to me |  | $]_{1} 940 q 37$ _4b |
|  | Taste of the food | $1^{940937}$ [4c |
|  | Smell of the food | $1_{1} 940 q 37$ _4d |
|  | Look of the food | q40q37_4e |
|  | No specific reason | $]_{1}{ }^{940937} \frac{4 f}{\text { Office Use }}$ |
| Other (please specify) | fy) q40q37_4g | $]_{1}^{940 q 37} 49$ _box |

## Shopping for food

38.0 Do you have any difficulty shopping for food because of a health or

Yes No physical problem?
38.1 Can you easily access a supermarket or grocery for your food shopping?
$\square$ q40q38_1
38.2 Would you say you get the groceries that you need?


## Your food intake and weight loss

39.0 During the past month, would you say you have you had enough food to satisfy
your hunger
All of the time
Most of the time $\square_{2}$
Some of the time $\square_{3}$
Never/rarely

| 39.1 Do you feel you are undernourished? | Yes | $\square_{1}$ |  |
| :--- | ---: | :--- | :--- |
|  | a40a39_1 |  |  |
|  | No | $\square_{2}$ |  |
|  | I don't know | $\square_{3}$ |  |

39.2 Has your food intake declined over the past 3 months?

| no decrease in food intake | $\square_{1}$ | q40q39_2 |
| ---: | :--- | :--- |
| moderate decrease in food intake | $\square_{2}$ |  |
| severe decrease in food intake | $\square_{3}$ |  |

39.3 How much weight (if any) have you lost in the past 3 months? no weight loss or weight loss less than 2 pounds $(1 \mathrm{Kg})$
weight loss between 2 and 7 pounds $(1$ and 3 Kg$)$ $\begin{array}{r}\square_{2} \\ \text { weight loss greater than } 7 \text { pounds }(3 \mathrm{Kg}) \\ \text { do not know the amount of weight lost }\end{array}$

## Current mobility

40.0 How would you describe your current mobility?

$$
\begin{array}{r}
\text { Able to leave my home } \\
\text { Able to get out of bed or a chair, but unable to go out of my home } \\
\text { Unable to get out of a bed, a chair, or a wheelchair without the } \\
\text { assistance of another person }
\end{array}
$$

## Stress and illness in last 3 months

41.0 Have you been stressed or severely ill in the past 3 months?

41.1 Are you currently experiencing dementia and/or prolonged severe sadness?

| No | $\square_{1}$ | q40q41_0 |
| ---: | ---: | ---: |
| yes, mild dementia, but no prolonged severe sadness | $\square_{2}$ |  |
| yes, severe dementia and/or prolonged severe sadness | $\square_{3}$ |  |


| General Dental Health |  |
| :--- | ---: |
| 50.0 Would you say that your dental health is: | Excellent $\square_{1}$ |
|  | Good $\square_{2}$ q40q50_0 |
|  | Fair $\square_{3}$ |
|  | Poor $\square_{4}$ |

## Your teeth

51.1 Do you have any of your own teeth?
51.2 How many of your own (natural) teeth do you have?

Yes No
$\square \square^{940951-1}$
$\qquad$ q40q51_2
q40q51_3
51.3 How many of your own (natural) teeth have you lost in the last five years? $\qquad$ (90951_3

## Back teeth(molars)

52.1 Do you have any of your own back teeth(molars) in your lower teeth?
b
on the left side on the right side
52.2 Do you have any of your own back teeth(molars) in your upper teeth?
on the left side on the right side
 q40q52_2aq40a52_2b

## Chewing difficulties

53.1 Do you have difficulty chewing any foods because of problems with your teeth, mouth or dentures?

| No | $\square 1$ |  |
| ---: | ---: | ---: |
| Yes, some difficulty | $\square_{2}$ |  |
| Yes, great difficulty | $\square_{3}$ |  |

es No
53.2 Do you avoid eating some foods because of problems with your teeth, mouth or dentures?
53.3 Does it take you longer to finish a meal than other people of your own age? $\square$ q40q53_3

## Tooth brushing

54.1 How frequently do you brush your teeth?

54.2 Do you have difficulty brushing your teeth?


## Visiting the dentist

55.0 Have you seen your dentist in the last year?
Yes
$\square \square$
$\square$
55.1 In general do you go to the dentist / hygienist for:
Regular check-up $\square_{1}$
Occasional check up $\square_{2}$ q40q55_1
Only when having trouble $\square_{3}$
Rarely or never go to the dentist $\square_{4}$
55.2 If you rarely or never visit the dentist, what are the reasons?
(Tick all that apply)
q40q55_2_difficult_dent_surgery Difficult to get to the dental surgery $\square_{1}$ q40q55_2_expensive

Expensive $\square_{1}$ q40q55_2_dont_need_dentist
q40q55_2_other
Don't need to see a dentist $\qquad$ Office Use
Other $\qquad$

q40q55 2 other box

## Other dental problems

In the past 6 months, have you had any of following dental problems?
(Tick all that apply)

| 56.1 | Pain related to teeth or mouth | $\square_{1}$ q40q56_1 |
| :--- | ---: | ---: |
| 56.2 | Loose tooth | $\square_{1}$ q40q56_2 |
| 56.3 | Sensitivity to hot/ cold food or drink | $\square_{1}$ q40q56_3 |
| 56.4 | Mouth ulcers | $\square_{1}$ q40q56_4 |
| 56.5 | Bleeding gums | $\square_{1}$ q40q56_5 |
| 56.6 | Other gum problems | $\square_{1}$ q40q56_6 |
| 56.7 | Soreness or cracking around the corners of the mouth | $\square_{1}$ q40q56_7 |

## Dental problems affecting your daily life

57.0 Have any problems with mouth, teeth or dentures caused any of the following difficulty or
a
b
problem effecting your daily life?
(Tick all that apply)
Difficulty speaking clearly $\square$ 1 q40q57_0a

Difficulty going out, for example to shop or visit someone $\square$ q40q57_0b

Difficulty relaxing (including sleeping) $\square$ 1 q40q57_0c

Problems smiling, laughing and showing teeth without embarrassment $\qquad$ 1 q40q57_0d

Emotional problems e.g.becoming more easily upset than usual $\square$ q40q57_0e Problems enjoying the company of others e.g.family, friends, neighbours $\square$ q40q57_0f None of these $\qquad$ q40q57_0g


## Using your dentures (if you have them)

58.1 Do you take out your dentures (false teeth) while eating?

Yes No
$\square \square q 40 q 58 \_1$
58.2 Do you take out your dentures (false teeth) before going to bed?
$\square \square$ q40q58_2
58.3 Do you clean your dentures every day?

## Upper Teeth

59.0 Do you wear a denture (plate or false teeth) for upper teeth?

Yes No

q40q59_0a
I wear a partial set of dentures (to replace some but not all missing teeth)
$\qquad$ Years $\qquad$ Months

Do you use this denture every day?


## Lower Teeth

60.0 Do you wear a denture (plate or false teeth) for lower teeth?
I wear a full set of dentures
I wear a partial set of dentures
(to replace some but not all missing teeth)
 1
$\qquad$ Years $\qquad$ Months
c Do you use this denture every day?


## Dry Mouth

The following statements will help assess the extent to which you have dryness of mouth. In the last 4 weeks, have you experienced any of the following?


## Taste and smell

During the past 12 months
62.1 Have you had a problem with your ability to smell, such as not being able to smell things?
62.2 Have you had a problem with your ability to taste food or drink?

## Sleeping Patterns

63.0 On most nights, how would you rate the quality of your sleep?

q40q63_1aNighttime_mins
63.1 On average how many hours of sleep do you have at:
q40q63_1aNighttime_mins
hours
q40q63_1bDaytime_mins
_________ mours $\quad$ minutes
63.2 How often do you feel excessively sleepy during the day?


During the last month,
63.3 Did you have difficulties falling asleep at night?
 to sleep?
63.5 Do you have trouble maintaining sleep at night?

63.6 How often do you wake up feeling tired and worn out after the usual amount of sleep?


## Diagnosis of sleep apnoea

63.8 Have you ever been told by a doctor that you suffer with sleep apnoea

## Memory

## In the past year,

64.0

How often did you have trouble remembering things?

64.1 Did you have more trouble than usual remembering recent events?
64.2 Did you have more trouble than usual remembering a short list of items such as a shopping list?
64.3 Did you have trouble remembering things from one second to the next?
$\square$ q40q64_3
64.4 Did you have any difficulty in understanding or following spoken instruction? $\square$
$\square$ q40q64_4
64.5 Did you have more trouble than usual following a group conversation or $\square$
$\square$ q40q64_5 a plot on TV due to your memory?
64.6 Did you have trouble finding your way around familiar streets?q40q64_6
64.7 Did you have trouble getting things organised/ organising your day? $\square$$\square q 40 q 64 \_7$ 64.8 Did you have trouble concentrating on things e.g. reading a book? $\square$ q40q64_8

## Forgetfulness

65.0 In past 12 months, have you been forgetful to the extent that it has

affected your daily life?

## Recent major life events



## Time spent on various activities

67.0 Do you spend any time on these activities?

For some activities we ask you to tell us how many hours a week you spend doing them.

| a q40q67_0a | Looking after wife/partner | Hours per week q40q67_0a_hours |
| :---: | :---: | :---: |
| b 940q67_0b | Looking after other adult family member or friend | q40q67_0b_hours |
| c 940q67_0c | Looking after grandchildren | q40q67_0c_hours |
| d q40q67_0d | Spending time with family, friends and neighbours |  |
| $e^{q 40 q 67 \_0 e}$ | ing to friends/relatives on the telephone/video calls |  |
| f 940967_Of | In paid work |  |
| g q40q67_0g | In voluntary work |  |
| h q40q67_0h | In a pub or club |  |
| i q40q67_0i | Attending religious services |  |
| j q40q67_0j | Playing cards, games, or bingo |  |
| k q40q67_0k | Visiting the cinema/restaurants/sporting events |  |

### 67.0 Do you spend any time on these activities?

If yes, how many hours a week do you spend doing these?


## Other activities

| 68.0 |  | Yes | No |
| :---: | :---: | :---: | :---: |
| a | Have you been on any day or overnight trips in the last year? |  | ]940968_0a |
| b | Have you been on holiday in the last year? |  | ]q40q68_0b |
| c | Are you planning to go on holiday next year? |  | ]q40q68_0c |
| d | Do you use the internet and/or email? |  | q40q68_0d |
| e | Do you use social media? |  | d40q68_0e |
| f | Do you use a "touch screen" mobile phone? |  | \q40q68_Of |
| g | Have you written a personal letter or email in the last week? |  | ]40q68_0g |
| h | Do you take a weekly or monthly magazine or journal? |  | q40q68_0h |
| i | Did you vote in the last general or local elections? |  | $\square \mathrm{q} 40 q 68$ _0i |


| Social contact | Hardly ever /never | Sometimes | Often |
| :---: | :---: | :---: | :---: |
| 69.0 |  |  |  |
| a q40q69_0a How often do you feel you lack companionship? |  |  |  |
| b q40q69_0b How often do you feel isolated from others? |  |  |  |
| c q40969_0c How often do you feel left out? |  |  |  |
| d How often do you feel in tune with the people around you? |  |  |  |
| Tiredness / Exhaustion |  |  |  |
|  | Rarely/never (less than 1 day) | $\begin{aligned} & \text { Sometimes } \\ & \text { (1-2 days) } \end{aligned}$ | Often (more than 3 days) |
| 70.1 <br> During the past week, how often did you feel that everything you did was an effort? | $\square$ | $\square$ |  |
| 70.2 During the past week, how often did you feel that q40q70_2 you could not get "going"? | - |  |  |

## Your feelings

71.0 In the past week, please tell us about how you have been feeling

|  |  | Yes | No |  |
| :---: | :---: | :---: | :---: | :---: |
| a | were you basically satisfied with your life? |  |  | q40q71_0a |
| b | did you feel that your life is empty? |  |  | q40q71_0b |
| c | were you afraid that something bad is going to happen to you? |  |  | q40971_0c |
| d | did you feel happy most of the time? |  |  | q40q71_0d |
| e | did you drop many of your activities and interests? |  |  | q40971_0e |
| f | did you prefer to stay at home, rather than going out to do new things? |  |  | q40q71_0f |
| 9 | did you feel full of energy? |  |  | q40971_0g |
| h | did you often feel helpless? |  |  | q40q71_0h |



## Present circumstances

73.1 Are you at present:-

| single | $\square_{1}$ |
| ---: | ---: |
| married | $\square_{2}$ |
| widowed | $\square_{3}$ |
| divorced or separated | $\square_{4}$ |
| other | $\square_{5}$ |

73.2 If you are widowed, divorced/separated, please give the year when this occurred: $440 q 73$ _2
73.3 Are you at present:-

| living alone | $\square_{1}$ |  |
| ---: | ---: | ---: |
| living with a partner or spouse | $\square_{2}$ | q40q73_3 |
| living with other family members | $\square_{3}$ |  |
| living with other people | $\square_{4}$ |  |

Pets
74.0 Do you have any pets?

$\qquad$ other

$\qquad$ q40q74_0_none q40q74_0_dog q40q74_0_cat q40q74_0_other q40q74_0_box

Your accommodation
75.0 Are you:-

| living in your own home | $\square_{1}$ |  |
| ---: | ---: | ---: |
| living in a residential or nursing home | $\square_{2}$ | q40q75_0 |
| living in sheltered accommodation | $\square_{3}$ |  |
| other | $\square_{4}$ |  |

## Managing financially

76.0 Which of the following phrases best describes how you are managing financially these days?


| Transport | Yes | No |
| :--- | ---: | :--- |
| q40q77_0 |  |  |
| 77.0 Do you have a car available for your own use? | $\square$ | 0 |

## Heating

78.0 During the cold winter weather, can you normally keep comfortably
 q40q78_0 warm in your living room?

If no, is this because:
a
b it is not possible to heat the room to a comfortable standard?

q40q78_0a
 q40q78_0b
78.1 Do you experience any difficulties meeting your heating/fuel costs?


## Vitamins and minerals

79.0 Do you take any of the following individual vitamin/ minerals regularly (ie on most days)? Please do not include multivitamin supplements you are taking.


## Cod liver

## Minerals/fish oils: Calcium <br> Magnesium

(tick the ones you take regularly) ${ }_{\text {d40a79 }} \square_{0 \mathrm{C} \text { Cal }}^{1}$

Oil


Fish oil


## Medicines

80.0 Do you take any regular medication?
Yes No
$\square \square q 40 q 80 \_0$

## Details of ALL medicines

81.0 Please write down details of all medicines- including tablets, injections, inhalers, eye-drops etc - which you take regularly, including any medications which you buy for yourself.


Please use the back of the questionnaire if more space is needed to record this information.

## PART II : YOUR DIET

## How to fill in the diet questionnaire

The following questions are mostly about how often you USUALLY eat different sorts of food each week.

If you usually eat a food every day, ring 7 days a week.
If you usually eat a food on three days a week, ring 3, and so on.
For foods which you eat less than once a week:-
Ring M if you eat it at least once a month.
Ring $\mathbf{R}$ if you eat it less than once a month, or if you never eat it at all.
Please ring one answer for each of the foods listed. Remember to circle $\mathbf{R}$ if you never eat a food.

| EXAMPLE |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Number of days each week | Monthly | Rarely |
| Food eaten every day 7 days a week | (7) $615 \begin{array}{lllll}5 & 4 & 3 & 2 & 1\end{array}$ | M | R |
| Food eaten on three days a week | $\begin{array}{llllll}7 & 6 & 5 & 4 & 3 & 2\end{array}$ | M | R |
| Food eaten less often than once a week but at least once a month | $\begin{array}{lllllll}7 & 6 & 5 & 4 & 3 & 2 & 1\end{array}$ | (M) | R |
| Food eaten never or less than once a month | $\begin{array}{lllllll}7 & 6 & 5 & 4 & 3 & 2 & 1\end{array}$ | M | B) |

## Special Diet

D1.0 Are you on any special diet e.g. vegetarian, low fat, diabetic?

q40D1_0
D1.1 If yes, please give details:

Office Use
q40D1_1_box

| Meat |  |  | Number of days each week |  |  |  |  |  |  | Monthly | Rarely Never |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }^{\text {D2.0 }}$ |  | including minced beef, beef burgers | 7 | 6 | 5 | 4 | 3 | 2 | 1 | M | R |
| D2. 1 | $\begin{aligned} & \text { q40D2_0 } \\ & \text { q40D2_1 } \end{aligned}$ | Lamb | 7 | 6 | 5 | 4 | 3 | 2 | 1 | M | R |
| D2.2 | q40D2_2 | Pork, bacon, ham, salami | 7 | 6 | 5 | 4 | 3 | 2 | 1 | M | R |
| ${ }^{\text {D2 }} 3$ | q40D2_3 | Chicken, turkey, other poultry | 7 | 6 | 5 | 4 | 3 | 2 | 1 | M | R |
| D2.4 | q40D2_4 | Tinned meat all types, corned beef, etc | 7 | 6 | 5 | 4 | 3 | 2 | 1 | M | R |
| ${ }^{\text {D2, }} 5$ | q40D2_5 | Pork Sausages | 7 | 6 | 5 | 4 | 3 | 2 | 1 | M | R |
| D2.6 | q40D2_6 | Beef Sausages | 7 | 6 | 5 | 4 | 3 | 2 | 1 | M | R |
| ${ }^{\text {D } 2.7 ~}$ | 940D2_7 | Meat Pie, Pasties | 7 | 6 | 5 | 4 | 3 | 2 | 1 | M | R |
| D2.8 | 940D2_8 | Liver, kidney, heart | 7 | 6 | 5 | 4 | 3 | 2 | 1 | M | R |


| Fish |  | Number of days each week |  |  |  |  |  |  | Monthly | Rarely Never |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| D3.0 q40D3_0 | White fish cod, haddock, hake, plaice, fish fingers, etc | 7 | 6 | 5 | 4 | 3 |  | 1 | M | R |
| D3.1 q40D3_1 | Kippers, herrings, pilchards, tuna, sardines, salmon, mackerel including tinned | 7 | 6 | 5 | 4 | 3 | 2 | 1 | M | R |
| D. 2 q40D3_2 | Shellfish | 7 | 6 | 5 | 4 | 3 | 2 | 1 | M | R |




| Cheese | Number of days each week |  |  |  |  |  |  |  | Monthly | Rarely / Never |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Full- fat cheese e.g. Cheddar, Leicester, Stilton, Brie, soft cheeses |  |  |  |  | 3 |  |  |  | M | R |
| D6. 1 Low-fat cheese e.g. Edam, Cottage cheese, q40D6_1 reduced fat cheeses | 7 | 6 | 5 | 4 | 3 | 2 |  |  | M | R |



## Further details about your bread:

How many slices/
Rolls per day?

| D7.7 | White Bread | q40D7_7_Rolls_per_day |
| :--- | ---: | :--- |
| D7.8 | Brown Bread | q40D7_8_Rolls_per_day |
| D7.9 | Wholemeal Bread | q40D7_9_Rolls_per_day |
| D7.10 | Bread Rolls | q40D7_10_Rolls_per_day |


| Are the slices thick, medium or thin? |  |  | 7_thickness |
| :---: | :---: | :---: | :---: |
| THICK $\square_{1}$ | MEDIUM $\square_{2}$ | THIN 940 ${ }_{3}$ D7 |  |
| THICK $\square_{1}$ | MEDIUM $\square_{2}$ | THIN 940D7 | 8_thickness |
| THICK $\square_{1}$ | MEDIUM $\square_{2}$ | THIN 9403D7 | 9_thickness |
| LARGE $\square_{1}$ | MEDIUM $\square_{2}$ | SMALLa4037 | 10_thickness |




| Please remember to circle ® if you never eat a food |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Eggs | Number of days each week |  |  |  |  |  |  | Monthly | Rarely / Never |
| $\underset{\text { D40010_0 }}{\text { D10.0 }}$ Eggs boiled, poached, fried, scrambled | 7 | 6 | 5 | 4 | 3 | 2 |  | M | R |
| D10.1 Eggs in baked dishes e.g. flans, quiches, q40D10_1 soufflés, egg custard, etc |  |  | 5 | 4 | 3 |  |  | M | R |




## Milk

D13.0 What type of milk do you usually drink?

| Cow's Milk | $\square_{1}$ | q40D13_0 |
| ---: | ---: | ---: |
| Soya Milk | $\square_{2}$ |  |
| Otfice Use |  |  |

D13.1 Roughly how much milk do you drink a day in tea, coffee, milky drinks or cereals?

| none at all | $\square_{1}$ |  |
| ---: | :--- | :--- | :--- |
| half pint or less | $\square_{2}$ | q40D13_1 |
| between half and one pint | $\square_{3}$ |  |
| more than one pint | $\square_{4}$ |  |

D13.2 What kind of milk do you usually use?
full fat milk, fresh or dried $\square_{1}$ semi-skimmed milk, fresh or dried $\square$ fully skimmed milk, fresh or dried $\square_{3}$ other kinds of milk, e.g. condensed, evaporated $\square_{4}$

## Salt

D14.0 How much salt is added to your food in cooking?


D14.1 How much salt is added to your food on your plate?

| a lot | $\square_{1}$ |  |
| ---: | :--- | :--- |
| a little | $\square_{2}$ | q40D14_1 |
| none | $\square_{3}$ |  |



How often do you eat home-fried food including chips, cooked with :-
Number of days each week Monthly $\begin{gathered}\text { Rarely / } \\ \text { Never }\end{gathered}$
$\begin{array}{lllllllll}\text { D15.2 } & \text { q40D15_2 } & \text { Lard, dripping, solid vegetable oil } & 7 & 6 & 5 & 4 & 3 & 2\end{array} 1$

Give brand name and type
$\begin{array}{lllllllll}15.2 \\ \text { q40DIs_2 Lard, dripping, solid vegetable oil } & 6 & 5 & 4 & 3 & 2 & 1\end{array}$
$\qquad$

Liquid vegetable oil
$\begin{array}{lllllll}7 & 6 & 5 & 4 & 3 & 2 & 1\end{array}$
M R
Give brand name and type $\qquad$
q40D15_3_Brand_box
Office Use


## Your household

D16.0 How many people normally eat in your household?
q40D16_0_Num_adults
Number of adults including yourself $\qquad$ Number of children 1 to 4 years old q40D16_0_Num_children_5_16 q40D16_0_Num_babies_under1 Number of children 5 to 16 years old __ Number of babies under 1 year old $\qquad$
How much of the following foods does your household use on average each week including cooking and baking?
If you live on your own, please give the amounts which you yourself eat a week.

| D16.1 | q40D16_1_Butter_lbs q40D16_1_Butter_ozs <br> Butter $\qquad$ lbs $\qquad$ ozs | q40D16_1_Butter_grams or $\qquad$ grams |
| :---: | :---: | :---: |
| D16.2 | q40D16_2_Margarine_lbs q40D16_2_Margarine_ozs Margarine $\qquad$ lbs $\qquad$ ozs | q40D16_2_Margarine_grams or $\qquad$ grams |
| D16.3 | Lard and solid vegetable oil ${ }^{\text {q40D16_3_Lard llbs }}$ libs $440 \mathrm{D} 16 \_3$ _Lard_ozs | q40D16_3_Lard_grams or $\qquad$ grams |
| D16.4 | Liquid vegetable oil q40D16_4_Liquid_Veg_Oil_ozs eg Sunflower, Corn, Groundnut oil $\qquad$ ozs | q40D16_4_Liquid_Veg_Oil_ml or $\qquad$ ml |
| D16.5 | Olive Oil q40D16_5_Olive_Oil_ozs ozs | q40D16_5_Olive_Oil_ml |
| D16.6 | Cream q40D16_6_Cream_ozs ozs | q40D16_6_Cream_ml <br> or $\qquad$ ml |
| D16.7 | q40D16_7_Full_fat_cheese_lbs <br> Full- fat cheese e.g. Cheddar, q40D16_7_Ful_fat_cheese_ozs <br> Leicester, Stilton, Brie, \& soft cheeses $\qquad$ lbs $\qquad$ OZS | q40D16_7_Full_fat_cheese_grams or $\qquad$ grams |
| D16.8 | q40D16_8_Low_fat_cheese_lbs <br> Low-fat cheese <br> e.g. reduced fat cheddar, reduced fat $\qquad$ <br> q40D16_8_Low_fat_cheese_ozs soft cheeses, Edam lbs $\qquad$ ozs | q40D16_8_Low_fat_cheese_grams or ___ grams |
| D16.9 | Sugar a40D16_9_Sugar_lbs lbs q40D16_9_Sugar_ozs | q40D16_9_Sugar_grams or ____ grams |

Hot drinks

| D17.0 | Coffee | Q40D17 | Cups per day |
| :---: | :---: | :---: | :---: |
| D17.1 | Is this: Ground coffee Instant coffee | $\square 1$ <br> $\square_{2}$ | Q40D17_1 |
| D17.2 | Is it decaffeinated? | Yes | No $\square$ Q40D17_2 |
| D17.3 | How many teaspoons of sugar do you take in each cup? <br> Do not count artificial sweeteners | Q40D17_3 | Teaspoons of sugar |
| D17.4 | Tea <br> How many cups of tea do you have a day? | Q40D17 | Cups per day |
| D17.5 | How many teaspoons of sugar do you take in each cup? <br> Do not count artificial sweeteners | Q40D17_5 | Teaspoons of sugar |
| D17.7 | Other Hot Drinks |  |  |
|  | How many cups of other hot drinks (e.g. hot chocolate, malted milk, Horlicks) do you have a day? | Q40D1 $y \text { ? }$ $\qquad$ | 17_7 <br> _Cups per day |


| Alcoholic Drinks |  |  |  |
| :--- | :--- | :--- | :--- |
| D18.0 | Have you ever consumed alcoholic drinks? | $\square^{2}$ | No |
| D18.1 | Do you take alcoholic drinks at present? | $\square$ | $\square_{1}$ |
| Seldom | Q40D18_0 |  |  |

Think back carefully over the last seven days. Please write the number of alcoholic drinks you have consumed on each day during the past week. It may help if you try to remember where you were and who you were with on each day. For each day, write in how much you have drunk:
(i) the number of half pints of non-alcoholic beer, lager, etc
(ii) the number of half pints of low-alcohol beer, lager, etc
(iii) the number of half pints of beer, lager, shandy, cider, stout, etc
(iv) the number of single glasses of whisky, vodka, gin, rum, etc
(v) the number of single glasses of wine, sherry, martini, port, etc


The BRHS team are also interested in getting a more in depth understanding about your physical activity.

Would you be happy for a member of our research team to contact you in the future to discuss this further?
q40contanctyouinthefuture

General comments:

Office Use
q40General_comments

Office use:

Thank you very much for completing the questionnaire.

## Please return it to us in the envelope provided, along with the appointment reply slip.

## No stamp is needed.

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