

BRHS 2018 (Q40) Questionnaire data

BRHS 40 year follow-up questionnaire



Data notes and Questionnaire coding instructions protocol

20018 (Q40)

Questionnaire method	Self-Administered postal questionnaire
Type of questionnaire	Structured questionnaire with open-ended questions coded using a questionnaire coding protocol
BRHS study time point (Year of follow-up)	40 year follow-up
Year	2018
Mailing dates	7/2018-12/2018 with reminders sent at 6 weeks
Age range of sample	78-98
Number of completed questionnaires	1009
Response rate %	62%

BRHS 2018 (Q40) Questionnaire: Data notes and questionnaire coding instructions protocol

Data notes and coding

Notes on coding inconsistencies, known errors, other data anomalies and additional response codes introduced during the coding stage are made for each affected question. Where possible recommendation on how the data can be treated is given.

Coding of open-ended questions: Responses to open-ended questions were coded (given numerical codes/categorised) using a questionnaire coding instructions protocol.

General coding instructions

Responses of Yes and No

Throughout the questionnaire a “**yes**” response is coded as 1 and a “**no**” response is coded as 2.
1=Yes, 2=No

Missing values

Missing values are left blank and become dots(.) in the data file. See also coding notes for individual questions.

Data notes:

Known data errors:

BRITISH REGIONAL HEART STUDY
Coding schedule for the 2018 (Q2018) questionnaire

GENERAL

Please code using **red ink**.

If two values given, take lowest (i.e. 3-8, circle 3)

Round down values less than 1, except for alcohol.

If **Multi ticks** are recorded, FIRST tick takes priority unless otherwise stated

Yes and **no** responses are coded as: Yes=1, No=2

Coder Coder number to be recorded on the front page in box after the study number box.
SA = 01, LL will code page 29

1.0 **DATES:** please ensure that this is recorded numerically i.e. August =08 **Do not correct dates**

2.0m **Other Heart and Circulation Problems**

1	Pacemaker
2	Valve Related
3	Cardiomyopathy
9	Other

Irregular heartbeat = tick 'Atrial Fibrillation'

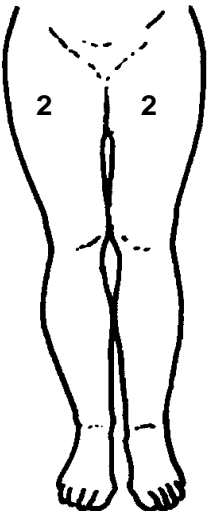
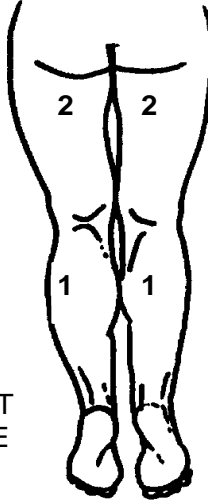
4.0 g **Investigations** 1 If anything recorded

6.1 **CANCER** (See ICD9 for additional codes)

If more than one cancer diagnosis, select the first year of diagnosis

<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> 165 Respiratory Unspecified 162 Trachea, Lung and Bronchus 161 Larynx 175 Breast 193 Thyroid 145 Oral (Lip, Salivary glands, Pharynx, Tongue) 159 Gastrointestinal Unspecified 150 Oesophagus 151 Stomach 152 Bowel 153 Colon 154 Rectum 157 Pancreas 155 Liver 159 Spleen 185 Prostate 186 Testes 187 Genito-urinary Unspecified 188 Bladder 189 Kidney </div> <div style="width: 48%;"> 208 Blood Unspecified 207 Leukaemia 208 Lymphoma /CLL 170 Bone all sites 171 Connective and other soft tissue 172 Skin Unspecified / Melanoma (e.g. ear, nose etc-) 172 Rodent Ulcer 173 Basal Cell Carcinoma 190 Eye 191 Brain Tumour 192 Other Neurological Sites 194 Endocrine glands 195 Malignant neoplasms of other and ill-defined sites 239 Neoplasms of unspecified nature 239 Type not known </div> </div>	
---	--

7.0 x **OTHER MEDICAL CONDITIONS** Code from ICD 9

8.1	CHEST PAIN	4=Yes and Unable to walk ticked
8.2	CHEST PAIN	4=Yes and Unable to walk ticked
9.0	BREATHLESSNESS	4=Yes and Unable to walk ticked
11.1	OPERATIONS	1= If anything recorded
12.0	LEG PAIN	4=Yes and Unable to walk ticked
12.2	LEG PAIN	4=Yes and Unable to walk ticked
12.3	LEG PAIN	4=Yes and Unable to walk ticked
12.5	SITE OF LEG PAIN When leg pain is marked, code the left and right leg separately as follows: - <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 20px;"> <div style="text-align: center;"> <p>Front</p>  <p>RIGHT SIDE LEFT SIDE</p> </div> <div style="text-align: center;"> <p>Back</p>  <p>LEFT SIDE RIGHT SIDE</p> </div> <div style="margin-left: 20px;"> <p>1= calf muscles (takes priority) 2 = thigh or buttock 3 = pain in other site 4 = no pain in that leg</p> </div> </div>	
13.1	ARTHRITIS	1 Gout 2 Polymyalgia Rheumatic Arthritis PMR 3 Psoriasis Arthritis 4 Ankylosing Spondylitis 5 Reactive Arthritis 6 Multiple kinds of Arthritis 8 Unspecified Arthritis 9 Other
13.2	Affected areas	Fingers and Knuckles = Hands, Toes and Ankles =Feet 1 Elbows/ Arms 2 Upper Limbs 3 Lower Limbs 4 Facial (Jaw) 5 Other Multi Combination 6 Back / Spine
14.1	JOINT PAIN, SWELLING OF STIFFNESS	As 13.2 above
17.4	FALLS	3 =Several, Often
18.5	HEALTH SCALE	Record estimate
21.0	WEIGHT	Convert stone/lb weight to Kilograms – one decimal place
25.1	MEALS	1= if anything recorded

26.1 26.3	PHYSICAL ACTIVITY	Always round down nearest half hour 0.5
26.7	Sporting activities (taken from Q20)	01 Bowls/skittles 02 Swimming 03 Golf 04 Cycling 05 Racket sports (tennis, badminton, squash, table tennis) 06 Dancing 07 Rowing 08 Walking, Hiking 09 Fitness, weight training, Gym, Running, jogging 10 Fishing 11 Other
28.1	PHYSICAL ACTIVITY	Always round down nearest half hour 0.5
33.1d	Mobility Aids	1 If anything recorded
34	ADL	Multi Ticks <u>YES, ONLY IF I hold on and take a rest...</u> takes priority
36.5	APPETITE Reasons for loss of appetite	1 To Lose weight 2 Low appetite 3 Health condition (surgery/ treatment) 4 Lack of time 5 Financial reasons 6 Other
37.1	APPETITE AND EATING	1 Health related (surgery/ treatment/ medication) 2 Other
37.4	REASONS FOR NOT EATING	1 Health related (surgery/ treatment/ medication) 2 Other
51.2	NUMBER OF NATURAL TEETH	32 If "All" is written take as 32 24 If "Most" is written – take as 75% i.e. 24
55.2	VISITING DENTIST	1 Fear 2 No Dentist 3 No natural teeth- Dentures/ False teeth 4 Poor Mobility 5 Other
58.0c	DENTURES PROBLEMS	1 Pain/ soreness 2 Other
63.1a,b	HOURS OF SLEEP	Round down to nearest half hour (0.5)
66.0 j	Recent major life events	Code as 1 if anything is recorded
67.0	TIME ALLOCATION ON VARIOUS ACTIVITIES	99 Hours = ALL OR 24/7 1 Hours = FEW/ SOME/ MANY

81.0

Use British National Formulary (BNF Dec 2018) codes for coding of medicines (1-13) and ICD 9 codes (3 digits) for reason for taking the medicine in coding boxes on questionnaire.

Coding boxes for BNF codes

1 2 3 4 5 6

Medicine (BNF codes)

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

Reason for taking code as ICD9 (3 digits)

--	--	--

Enter **chapter** in coding boxes 1&2,
section in coding boxes 3&4,
sub-section coding box 5 and
further sub-section in coding box 6

Example: A man reports taking warfarin for Atrial fibrillation

Enter **chapter**: in coding boxes 1&2 = 02

section: in coding boxes 3&4 = 08

sub-section: coding box 5 = 2

further sub-section: in coding box 6 = 0

ICD 9 code for Atrial Fibrillation = 427



0	2	0	8	2	0
---	---	---	---	---	---

4	2	7
---	---	---

MEDICINES (1-13)

Coded using the British National Formulary (BNF) codes as above.

Cholesterol Lowering Drugs

Split into subcategories

Statins

02.12.0.1 (Atorvastatin, Fluvastatin, Pravastatin, Rosuvastatin, simvastatin, Statin so described)

Bile acid sequestrants

02.12.0.2

Ezetimibe

02.12.0.3

Fibrates

02.12.0.4

Nicotinic acid group

02.12.0.5

Omega 3 fatty acid compounds

02.12.0.6

Local sclerosants

02.12.0.7

REASON for taking medicine (1-13)

Reason is coded using ICD 9 Codes.

Coded only for Heart related conditions or when Medicine code (BNF code) begins with **02**
CVD & Diabetes Medications take priority.

COMMON ICD CODES

Prevention/ Dr orders	888	Blood Pressure/hypertension	401
Heart related	429	Angina	413
Circulation/ Blood related	459	Heart Attack	410
To thin Blood (anticoagulant)/ blood clots	459	Irregular heartbeat	427
Water/ Fluid Retention Oedema	457	Heart Failure	428
Pain Relief	729	Stroke	436
Leaking Heart valve	396	Diabetes	250
Cholesterol/ Lipids	272	Arthritis	716
Glaucoma	365	TIA	435

PART II – YOUR DIET

D1.1	Special Diet	<ol style="list-style-type: none"> 1 Low Fat/ Cholesterol 2 Low Calorie/ Weight Loss 3 High fibre 4 Vegetarian 5 Diabetic 6 Pescetarian (Fish Eating Vegetarian) 7 Atkins 9 Other
D5.6	Fresh fruit Always code the least number of fruits eaten 3-5 pears code as 3 Citrus fruits add to Oranges or Grapefruit above 1lb = 16oz 1oz = 28g Quantity of other Fruits eaten Fruits that are not counted individually are counted as portions ¼ lb = 4 oz of Grapes = 1 portion, ½ lb = 8 oz of berries = 2 portions etc. 5 Dates/ Figs = 1 portion. 1 Kilo = 35oz = 8 portions, 4 dried apricots = 1 portion If a person writes only in season ignore that particular fruit. If frequency rather than quantity code this as 1 portion Melon = 2 portions, Papaya (Paw Paw) = 2 portions, Mango = 1 portion, Pineapple = 2 portions Punnet of berries (1/2lb) = 2 portions, Peach= 1 portion, plum = 1 portion etc	
D7	Bread Maximum number of slices of bread / day = 7. If more than 7 code as 7	
D13.0	Milk	1 pint = 570 ml, ½ pint = 285ml 1 tablespoon = 15ml 1 Fl Oz = 30 ml 9 Other
D15.0	Fats Always code appropriate box i.e. check the brand is Low fat / full fat Care is needed because many types occur in both full fat and low fat. Accept subjects' judgement unless clear evidence to contrary Butter No coding required Anchor, Lurpak, Sommerfield Country, Supermarket own brands Full Fat Soft Margarine Full-fat soft margarine 1 Clover, Golden Crown, Kerrymaid, Krona Gold, Stork, Willow, Supermarket own brands, High polyunsaturated 2 Benecol, Flora, Soya margarine (all brands), Sunflower margarine, Vitalite, I can't Believe it's not Butter High Monounsaturated 3 Bertolli Blue band, Mono, St Ivel Mono, St Ivel, Utterly Butterly (!) Uncodeable Other 8 Missing 9	

Low Fat Soft Margarine		
General Low-fat soft margarine	1	Anchor half fat butter, Clover, Delight, Krona Supermarket own brands
High polyunsaturated	2	Benecol, Flora extra light, Soya margarine's (all brands), Sunflower margarine's, Gold sunflower H.E. Slimmer's gold sunflower low fat St Ivel Gold low fat sunflower Value sunflower spread Vitalite light/reduced fat, I Can't Believe It's Not Butter Light
High Monounsaturated	3	Bertolli Olivite (Heinz weight watchers), Olive Gold (incl reduced fat), Olivio
Very low-fat types	4	Delight extra low fat, Gold lowest, H.E. lowest ever 5% spread, H.E. very low-fat spread, Outline, Promise, St Ivel Gold lowest low fat
Uncodeable Other	8	
Missing	9	
Hard Margarine	No coding required	

D15.2	LARD AND RELATED FATS	
	High Poly or Monounsaturated	1 Solid mazola, White Flora,
	Lard and related animal fats	2 Goose Fat, Lard, Morrell, Suet
	Other Vegetable fats	3 Cookeen, Pura, Spry Crisp n Dry, Trex, Vegetable suet White cap cooking fat,
	Uncodeable Other	8
D15.3	Missing	9
	LIQUID VEGETABLE OIL	
	High Poly Unsaturated	1 Corn Oil (Mazola), Flaxseed, Hemp Pumpkin, Sesame oil, Soyabean Oil SunflowerOil, (Flora)
	High Monounsaturated	2 Canola Oil, Groundnut Oil, Olive Oil (Aldi Solesta), Peanut Oil, Rapeseed Oil,
	Other Liquid Vegetable fat	3 own brand vegetable oil, Again & Again Crisp n Dry, Harry Ramsden, Olivio
	Low Fat Oil Spray	4 Fry Light
	Lard and related animal fats	5 Ghee
	Uncodeable Other	8
	Missing or vegetable oil	9

D17.4	Tea (Herbal, decaffeinated tea)	Ignore
D17.3, D17.5	Sugar	½ teaspoon round up to 1, try to code the actual amount taken.
D18.1 (i to vi)	Alcohol 1 litre of spirits = 40 units	Alcohol - round up amounts less than 1.

PAGE 20	General Comments	1= if anything recorded else "0"
---------	-------------------------	----------------------------------