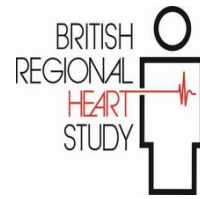


BRHS 2016 Questionnaire data



Data notes and Questionnaire coding instructions protocol

20016 (Q2016)

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)	36-38 year follow-up
Year	2016
Mailing dates	9/5/2016 with reminders sent at 6 weeks
Age range of sample	75-98
Number of completed questionnaires	1348
Response rate %	65%

BRHS 2016 (Q2016) 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 2016 (Q2016) 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

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

Date Received: Date stamp back of questionnaire when received

Coder Coder number to be recorded on the front page in box after the study number box.

Coders 1= SA, 2=CB

Q1 **DATES:** please ensure that this is recorded numerically i.e. August =08. **Do not correct dates.**

Q2.0m Other Heart and Circulation Problems

- 1 Pacemaker
 - 2 Valve Related
 - 3 Cardiomyopathy
 - 9 Other
- Irregular heartbeat = tick 'Atrial Fibrillation'

Q6.1 CANCER (SEE ICD 9 FOR ADDITIONAL CODES)

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

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

8.1 ARTHRITIS OTHER

(For Fingers and Knuckles code as **Hands**, Toes and Ankles code as **Feet**)

- 1 Elbows/ Arms
- 2 Upper Limbs
- 3 Lower Limbs
- 4 Facial (Jaw)
- 5 Other Multi Combination
- 6 Back / Spine

9.1	JOINT PAIN, SWELLING OF STIFFNESS	As 8.1 above
10.1, 10.2	CHEST PAIN	If Yes and Unable to walk was ticked – code as 4
12.0, 12.1, 12.2	BREATHLESSNESS	If Yes and Unable to walk was ticked – code as 4
FALLS & FRACTURES		
13.0	Fear of Falls	Multi ticks, first tick takes priority
13.2	“several”, “often” code as:	3
16.0	WEIGHT	Convert to Kilograms –one decimal place
17	APPETITE	Multi ticks, last tick takes priority
17.4	Changes in appetite	Multi ticks, first_ tick takes priority
17.5		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
19	ALCOHOL	Always take the higher amount
20.1	PHYSICAL ACTIVITY	Always round down nearest half hour 0.5
20.2		Multi ticks, <u>FIRST</u> tick takes priority
20.5		Multi ticks, <u>FIRST</u> tick takes priority
	SPORTING ACTIVITIES	Round DOWN to nearest hour
20.6	(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
23.0	GRIP STRENGTH	Multi ticks, <u>FIRST</u> tick takes priority
24.0	OVERALL HEALTH	Multi ticks, <u>FIRST</u> tick takes priority
24.5	HEALTH SCALE	Record estimate
26.2	DISABILITY	Multi ticks, <u>FIRST</u> tick takes priority
28.1	ADL	Multi ticks <u>YES, ONLY IF I hold on and take a rest...</u> takes priority
29.0		Multi ticks <u>SOME DIFFICULTY</u> takes priority
30.0	SLEEPING PATTERNS	<u>FIRST</u> tick takes priority
30.1, 30.2	SLEEP	Round down to nearest half hour- 0.5
31	TIREDDNESS & EXHAUSTION	Multi ticks, <u>FIRST</u> tick takes priority
32.6	DENTURE PROBLEM	No takes priority if both ticked
33.0	DRY MOUTH	Multi ticks, <u>FIRST</u> tick takes priority
34	PRESENT CIRCUMSTANCES	Multi ticks, <u>FIRST</u> tick takes priority
36.0 i	RECENT MAJOR LIFE EVENTS	If anything is recorded, code as 1 and keep a list of responses.
37	SOCIAL CONTACT	Multi ticks, <u>FIRST</u> tick takes priority
	TIME ALLOCATION ON VARIOUS ACTIVITIES	99
38.0a	ALL DAY, 24/7 code as:	99
38.0	HOURS= few/ some/ many	1
39.0	MEMORY	Multi ticks, <u>FIRST</u> tick takes priority
40.1	FEELINGS	Multi ticks- Decision yet to be made. Keep aside
41.1	ATTENDANCE AT OUTPATIENT OR CASUALTY PROBLEM	1= described problem for attending Note: No list of problems exists

43.0 Use British National Formulary (BNF) codes for coding of medicines 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

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

D11	Alcohol 1 litre of spirits = 40 units	Alcohol: round up amounts less than 1.
Page 27	General Comments	1= if anything recorded otherwise 0
	Date Received	To be entered using date from date stamp when questionnaire was received