BRHS 2017 Questionnaire data

Data notes and Questionnaire coding instructions protocol

20017 (Q2017)

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)	37-39 year follow-up
Year	2017
Mailing dates	3/4/2017, 18/5/2017, 12/9/2017 with reminders sent at 6 weeks
Age range of sample	76-99
Number of completed questionnaires	1248
Response rate %	66%

BRHS 2017 (Q2017) 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 2017 (Q2017) 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. SA = 01

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

2.0m   **Other Heart and Circulation Problems**

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

6.1   **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-)
150	Oesophagus		172	Rodent Ulcer
151	Stomach		173	Basal Cell Carcinoma
152	Bowel		190	Eye
153	Colon		191	Brain Tumour
154	Rectum		192	Other Neurological Sites
157	Pancreas		194	Endocrine glands
155	Liver		195	Malignant neoplasms of other and ill-defined sites
159	Spleen			
185	Prostate		239	Neoplasms of unspecified nature
186	Testes		239	Type not known
187	Genito-urinary Unspecified			
188	Bladder			
189	Kidney			

9.0q	**OTHER MEDICAL CONDITIONS**	Code from ICD 9
10.1, 10.2,	**CHEST PAIN AND**	Yes, and Unable to walk ticked – code as 4
11.0	**BREATHLESSNESS**	Yes, and Unable to walk ticked – code as 4
12.0	**FALLS**	Multi ticks, first tick takes priority
12.2	**"SEVERAL"," OFTEN"** coded as:	3
14.0,	**EYESIGHT**	Multi ticks, first tick takes priority
15.0	**HEARING**	Multi ticks, first tick takes priority
16.0, 16.1	**ALCOHOL**	Multi ticks, first tick takes priority
18.0	**WEIGHT**	Convert to Kilograms –one decimal place

19.0,19.1, 19.2,19.3	**APPETITE**		Multi ticks, <u>last</u> tick takes priority
19.4	**CHANGES IN APPETITE**		Multi ticks, <u>first</u> tick takes priority
19.5			<u>Reasons for loss of appetite</u>
		1	To Lose weight
		2	Low appetite
		3	Health condition (surgery/ treatment)
		4	Lack of time
		5	Financial reasons
		6	Other

20.1, 20.3, 20.2	**PHYSICAL ACTIVITY**		Always round down nearest half hour 0.5
			Multi ticks, <u>FIRST</u> tick takes priority
20.5			Multi ticks, <u>FIRST</u> tick takes priority
	SPORTING ACTIVITIES (TAKEN FROM Q20)		
20.6 a, b		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

20.9		Always round down nearest half hour 0.5
21.0	**OVERALL HEALTH**	Multi ticks, <u>FIRST</u> tick takes priority
21.5	**HEALTH SCALE**	Record estimate
23.0	**DISABILITY**	Multi ticks, <u>FIRST</u> tick takes priority
23.2		Multi ticks, <u>FIRST</u> tick takes priority
24.1	**ADL**	Multi ticks <u>YES, ONLY IF I hold on and take a rest...</u> takes priority
25.0	**GRIP STRENGTH**	Multi ticks, <u>FIRST</u> tick takes priority
27.0	**SLEEP**	<u>FIRST</u> tick takes priority
27.1, 27.2	**HOURS OF SLEEP**	Round down to nearest half hour (0.5)
28.0, 28.1	**TIREDNESS & EXHAUSTION**	Multi ticks, <u>FIRST</u> tick takes priority
30.0	**DIFFICULTIES**	When multi ticks, SOME DIFFICULTY takes priority
31.0, 31.2	**DENTAL HEALTH**	
32.1	**DENTURE PROBLEMS**	No takes priority
34.0	**DRY MOUTH**	Multi ticks, <u>FIRST</u> tick takes priority
35.0	**PRESENT CIRCUMSTANCES**	Multi ticks, <u>FIRST</u> tick takes priority
37	**SOCIAL CONTACT**	Multi ticks, <u>FIRST</u> tick takes priority
	TIME ALLOCATION ON VARIOUS ACTIVITIES	
38	**HOURS=** ALL day OR 24/7	=99
38	**HOURS=** few/ some/ many	=1
39.0	**MEMORY**	Multi ticks, <u>FIRST</u> tick takes priority

42.0   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

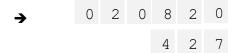1   2   3   4   5   6

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

PAGE 20	**General Comments**	1=if anything recorded otherwise=0
	Date Received	To be entered using date stamp when received