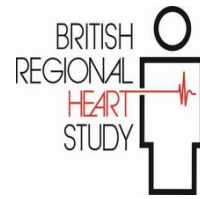


BRHS 2014 Questionnaire data



Data notes and Questionnaire coding instructions protocol

20014 (Q2014)

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)	34-36 year follow-up
Year	2014
Mailing dates	24/4/2014 - 19/5/2014 with reminders sent at 6 weeks
Age range of sample	73-96
Number of completed questionnaires	1655
Response rate %	64%

BRHS 2014 (Q2014) 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:

Affects Question 1 (Questionnaire completion date).

SAS code for corrections:

```
if serial=3232654 then do;q14q1_oday=28; q14q1_omonth=4; q14q1_oyear=14;end;*data entry or coder error;  
if serial=3363592 then do;q14q1_oday=27; q14q1_omonth=4; q14q1_oyear=14;end;*data entry or coder error;  
if serial= 139613 then do;q14q1_oday=22; q14q1_omonth=5; q14q1_oyear=14;end;*data entry or coder error;  
if serial=139065 then do;q14q1_oday=3; q14q1_omonth=5; q14q1_oyear=14;end;*date received stamp and date  
completed coded by RF coder inconsistent;
```

```
if serial=235005 then do;q14q1_oday=16; q14q1_omonth=5; q14q1_oyear=14;end;* incorrectly coded by coder:  
should be 5 not 3;
```

BRITISH REGIONAL HEART STUDY
Coding schedule for the 2014 (Q2014) questionnaire

GENERAL

Please code using red **ink**.

If two values given, take lowest.

Round down values less than 1, except for alcohol

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

Coders Coder number to be recorded on the front page after the study number.
1= SA, 2 = SW, 3 = FD

Q1 Dates: please ensure that this is recorded numerically i.e. August =08

Q2.0n Other Heart and Circulation Problems

- 1 Pacemaker
- 2 Valve Related
- 3 Cardiomyopathy
- 9 Other

Irregular heartbeat = tick 'Atrial Fibrillation'

Q5.0	CANCER	<p>(See ICD 9 for additional codes)</p> <p>165 Respiratory Unspecified</p> <p>162 Trachea, Lung and Bronchus</p> <p>161 Larynx</p> <p>175 Breast</p> <p>193 Thyroid</p> <p>145 Oral (Lip, Salivary glands, Pharynx, Tongue)</p> <p>159 Gastrointestinal Unspecified</p> <p>150 Oesophagus</p> <p>151 Stomach</p> <p>152 Bowel</p> <p>153 Colon</p> <p>154 Rectum</p> <p>157 Pancreas</p> <p>155 Liver</p> <p>159 Spleen</p> <p>185 Prostate</p> <p>186 Testes</p> <p>187 Genito-urinary Unspecified</p> <p>188 Bladder</p> <p>189 Kidney</p> <p>208 Blood Unspecified</p> <p>207 Leukaemia</p> <p>208 Lymphoma /CLL</p> <p>170 Bone all sites</p> <p>171 Connective and other soft tissue</p> <p>172 Skin Unspecified / Melanoma (e.g. ear, nose etc-)</p> <p>172 Rodent Ulcer</p> <p>190 Eye</p> <p>191 Brain Tumour</p> <p>192 Other Neurological Sites</p> <p>194 Endocrine glands</p> <p>195 Malignant neoplasms of other and ill-defined sites</p> <p>239 Neoplasms of unspecified nature</p> <p>239 Type not known</p>
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6.0 u **Other Medical Conditions** Use ICD 9

9.1	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
9.2	JOINTS AFFECTED	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
10.0	JOINT PAIN, SWELLING OF STIFFNESS AS 9.2 above	
14.2 a	FALLS & FRACTURES "several", "often" coded as:	3
11.1	CHEST PAIN Yes, and Unable to walk on the level	4= (2 ticks - subject ticked unable to walk + (Yes or No)
11.2	Yes, and Unable to walk uphill	4= (2 ticks - subject ticked unable to walk + (Yes or No)
13.0	BREATHLESSNESS Yes, and Unable to walk	4= (2 ticks - subject ticked unable to walk + (Yes or No)
13.1	Yes, and Unable to walk	4= (2 ticks - subject ticked unable to walk + (Yes or No)
13.2	Yes, and Unable to walk	4= (2 ticks - subject ticked unable to walk + (Yes or No)
15.0 b	LEG PAIN	1 Claudication, narrowing of arteries 2 Musculoskeletal 3 All others
15.6	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;"> <div style="text-align: center;"> <p>Front</p> </div> <div style="text-align: center;"> <p>Back</p> </div> <div style="text-align: left;"> <p>1=calf muscles (takes priority) 2 = thigh or buttock 3 =pain in other site 4 =no pain in that leg</p> </div> </div>		

19.2	APPETITE	<u>Reasons for skipping a meal</u> 1 To Lose weight 2 Low appetite 3 Health condition (surgery/ treatment) 4 Lack of time 5 Financial reasons 6 Other
19.3	MEAL PREPARATION	When wife is specified code as NO
21	ALCOHOL	Always take the highest value ½ pint = 1 drink
23	PHYSICAL ACTIVITY	Always round down nearest half hour 0.5
23.6	SPORTING ACTIVITIES (taken from Q20)	Round DOWN to nearest hour 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
24.0	STRENGTH & BALANCING EXERCISE	Round down- take the least if 2 or more options ticked
27.5	HEALTH SCALE	Range from 0-100. Estimate the point on the scale
32.1 & 32.2	SLEEP	Round down to nearest half hour- 0.5
37.2g	TEETH -OTHER DENTAL CONDITION	1 Other 2 Teeth falling out 3 Crown Note: Include filling under 37.2a Include loose bridge under 37.2e
42.3	HEATING SYSTEM - OTHER	1 Open fire 2 Stove/ wood burner 3 Fixed electric fire 4 Calor heater 5 Air-conditioning
43.4	TRANSPORT - REASONS FOR STOPPING DRIVING	Health related: 11 Vision 12 Mobility 13 Specific disease 19 Other Health Other: 21 Old age 22 Financial 23 Lack of confidence 24 Not required – Location 29 Other
46.0	TIME SPENT ON VARIOUS ACTIVITIES	If two values are given, take the LOWEST value. If ANY amount is given (e.g. only 10 minutes), then round up to 1 Daily/all the time =99 Few / Some hours =1

52.0 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 subsection 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 subsection: in coding box 6 = 0

ICD 9 code for Atrial Fibrillation = 427



0 2 0 8 2 0

4 2 7

MEDICINES (1-10) Coded using the British National Formulary (BNF) codes as above.

Cholesterol Lowering Drugs

Statins	02.12.0.1
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

If lipid LOWERING drug is a statin code as 02 12 80

REASON for taking medicine (1-10) 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

52.1	VITAMINS MINERALS AND Complementary Medicines OTHER	
	Glucosamine	1
	Garlic	2
	Vitamin B	3
	Other	6
	COMBINATION	4
D11	Alcohol 1 litre of spirits = 40 units	Alcohol: round up amount less than 1.
Page 28	Participants Views General Comments	1= if anything recorded otherwise 0 1= if anything recorded otherwise 0