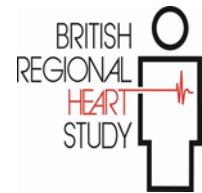# BRHS Derived variables

2016 (Q2016) Questionnaire

Included:

1. The town from which the participant was recruited at baseline in 1978-80 (Q1)
2. Social class based on longest-held occupation by the participant in 1978-80 (Q1)
3. Derived - Age at the 2016 (Q16) Questionnaire time point
4. Derived – Smoking status

BRHS Derived variables - BRHS 2016(Q16) Questionnaire

Variable description	Units/Category labels	BRHS variable name	Data access
BRHS ID number		serial	yes
Town of residence/recruitment at Baseline in 1978-80 (Q1)	1-24	q1town	yes
Social class at baseline 1978-80 (Q1) (Based on longest held occupation)	1 = I 2 = II 3 = III Non-Manual 4 = III Manual 5 = IV 6 = V 8 = HMF Armed forces 9 = Missing	q1sc	
Age	years	q16age	yes
Smoking status	1 = Never smoked 2 = Ex-smoker - Gave up by Q5 (1983-85) 3 = Ex-smoker - Gave up between Q5(1983-85) and Q20 (1998-2000) 4 = Ex-smoker - Gave up between Q20 (1998-2000) and Q30(2010-12) 5 = Ex-smoker - Gave up between Q30 (2010-2012) and Q2016 6 = Current smoker at Q2016(2016) . = Missing	q16smok	yes

METHODS

1. BRHS town names and numbers

These are the 24 towns in England, Scotland and Wales where BRHS participants were recruited from at baseline 1978-80 (Q1).

BRHS Town number	BRHS Town name
1	Harrogate
2	Shrewsbury
3	Lowestoft
4	Mansfield
5	Southport
6	Merthyr
7	Guildford
8	Burnley
9	Newcastle-Under-Lyme
10	Exeter
11	Dewsbury
12	Falkirk
13	Ipswich
14	Gloucester
15	Ayr
16	Dunfermline
17	Darlington
18	Carlisle
19	Maidstone
20	Grimsby
21	Bedford
22	Wigan
23	Scunthorpe
24	Hartlepool

2. Social class

Information collected from the Baseline (1978-80) questionnaire (question 4.4) on the longest-held occupation was coded to one of the Registrar General's six social classes, using the 1970 OPCS manual for occupational classification.

```
1 = I
2 = II
3 = III Non-Manual
4 = III Manual
5 = IV
6 = V
8 = HMF Armed forces
9    = Missing
```

3.0 Age

Age at the time participants completed the questionnaire. Calculated using the date participant completed the questionnaire (question 1.0). Where the date the participant completed the questionnaire (Q1.0 Today's date: day, month or year) was not completed or was wrong/inconsistent the date is estimated using the date the questionnaire arrived at the BRHS office - date from the date stamp at the back of the questionnaire was used. (Questionnaires were date stamped once received).

4.0 Smoking status

The participant responses to smoking related questions 18.0 and 18.1 in the 2016 (Q2016) questionnaire as well as the participant's previous smoking history (i.e. responses to smoking related questions from previous waves of questionnaires) were used to assign the smoking status category of BRHS participants at the 2016 (Q2016) study time point as shown in the table below.

Derived variables Smoking	Value labels/categories	BRHS Variable name
Smoking status (6 categories)	1 = Never smoked 2 = Ex-smoker - Gave up by Q5 (1983-85) 3 = Ex-smoker - Gave up between Q5(1983-85) and Q20 (1998-2000) 4 = Ex-smoker - Gave up between Q20 (1998-2000) and Q30(2010-12) 5 = Ex-smoker - Gave up between Q30 (2010-2012) and Q2016(2016) 6 = Current smoker at Q2016(2016) . = Missing	q16smok