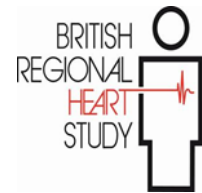


## BRHS Participant profile data

## BRHS 20 year follow-up (Q20)



## 1998 - 2000

Some key sociodemographic data for each participant are contained within the *participant profile* dataset. They include age, date of the participants' 20-year follow-up physical examination, town from which the participants were recruited at baseline in 1978-80 (Q1), age they completed full time education, social class at baseline (1978-80) and at the 20-year follow-up as well as their Index of Multiple deprivation (IMD) based on the participants' address postcodes in 1998-2000 (Q20).

## Participant profile data - BRHS 1998-2000 (Q20) 20-year follow-up

Variable description	BRHS variable name	Units/category labels	Methods section	Data access
Town of residence at Baseline in 1978-80 (Q1)	q1town	1-24	3	Yes
Current <b>town</b> of residence at 20yr follow-up exam 1998-2000 (Q20)	q20ctown	1-24	3	Yes
Current <b>county</b> of residence at 20yr follow-up exam 1998-2000 (Q20)	q20ccounty	1-105	5	Yes
Examination town (where physical examination took place)	q20examtown	BRHS towns 1-24, 31-34=London	4	Yes
Physical Examination day	q20xd	1-31		Yes
Physical Examination month	q20xm	1-12		Yes
Physical Examination year	q20xy	1998-2000		Yes
Age at the 20yr follow-up examination in 1998-2000 (Q20)	q20age			Yes
Social class in 1998-2000 (Q20) (Coded based on responses to question 17 of the Main 20-year follow-up survey questionnaire)	q20sc	<u>Question 17.1 Social class coding</u> 1 = I N/M Professional 2 = II N/M Managerial 3 = III N/M Clerical 6 = III M Skilled manual 4 = IV M Semi-Skilled Manual 5 = V M Un-Skilled Manual 8 = HMS Forces (Armed forces)	1	Yes
Social class at Baseline 1978-80 (Q1)	q1sc	1 = I NM 2 = II NM 3 = III NM 4 = III M 5 = IV M 6 = V M 8 = HMF (Armed forces)	1	Yes
Education (data from question 23.5 of the 1996 BRHS survey questionnaire)	q96educ	Age at which full time education ended		Yes
Index of Multiple Deprivation (IMD)				
IMD score	q20nat_adjimd	IMD score	2	Yes
IMD score quintiles	q20nat_adjimd5	0=least deprived – 4=Most deprived	2	Yes
IMD country	q20imd_country	1=England, 2=Scotland, 3=Wales	2	Yes

## METHODS

### 1. Social class

Information collected on the longest-held occupation in question 17.1 of the main 20-year follow-up survey questionnaire ([BRHS 1998-2000 20 year follow-up survey Main Qr Q20.pdf](#)) was coded to one of the Registrar General's six social classes, using the 1970 OPCS manual for occupational classification.

### 2. National Index of Multiple Deprivation (IMD) scores and Quintiles

IMD scores for the BRHS cohort were based on LSOAs derived from postcodes of residence at 60-80 years. Since the BRHS cohort comprises men from England, Scotland and Wales, the IMD scores were standardised to obtain a combined IMD measure.<sup>2</sup> Methods used for the derivation of the IMD scores are described in Ramsay et al<sup>1</sup> and Payne et al<sup>2</sup>.

1: Ramsay SE, Morris RW, Whincup PH, Subramanian SV, Papacosta AO, Lennon LT, et al. The influence of neighbourhood-level socioeconomic deprivation on cardiovascular disease mortality in older age: longitudinal multilevel analyses from a cohort of older British men. *Journal of epidemiology and community health*. 2015;69(12):1224-31. Epub 2015/08/20.

2: Payne RA, Abel GA. UK indices of multiple deprivation—a way to make comparisons across constituent countries easier. *Health Stat Q* 2012;53

Derived variables National IMD	Value labels/categories	BRHS Variable name	Data access
Standardised National IMD score (continuous)	Continuous score	q20nat_adjimd	Yes
Standardised National IMD score Quintiles (categorical)	0=least deprived – 4=Most deprived	q20nat_adjimd5	Yes
Country	1=England, 2=Scotland, 3=Wales	q20imd_country	Yes

### 3. BRHS town names and numbers

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

#### 4. BRHS Examination towns

Town where the 20-year physical examination took place. Participants may have gone to a different nearby BRHS town for their physical examination or they may have gone to the BRHS premises in London.

BRHS	
Town number	BRHS examination town
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
31-34	London (BRHS premises)

## 5. County codes

Region	County codes
NORTHERN REGION	30 CLEVELAND 31 CUMBRIA 32 DURHAM 33 NORTHUMBERLAND 34 TYNE & WEAR (Gateshead, Newcastle, N Tyneside, S Tyneside, Sunderland)
YORKS & HUMBERSIDE	35 HUMBERSIDE 36 NORTH YORKSHIRE 37 SOUTH YORKSHIRE (Barnsley, Doncaster, Sheffield, Rotherham) 38 WEST YORKSHIRE (Bradford, Calderdale, Kirklees, Leeds, Wakefield)
EAST MIDLANDS	39 DERBYSHIRE 40 LEICESTERSHIRE 41 LINCOLNSHIRE 42 NORTHAMPTONSHIRE 43 NOTTINGHAMSHIRE
EAST ANGLIA	44 CAMBRIDGESHIRE 45 NORFOLK 46 SUFFOLK
SOUTH EAST	47 BEDFORDSHIRE 48 BERKSHIRE 49 BUCKINGHAMSHIRE 50 EAST SUSSEX 51 ESSEX 52 GREATER LONDON 53 HAMPSHIRE 54 HERTFORDSHIRE 55 ISLE OF WIGHT 56 KENT 58 SURREY 59 WEST SUSSEX
SOUTH WEST	60 AVON 61 CORNWALL 62 DEVON 63 DORSET 64 GLOUCESTERSHIRE 65 SOMERSET 66 WILTSHIRE
WEST MIDLANDS	67 HEREFORD & WORCESTER 68 SHROPSHIRE 69 STAFFORDSHIRE 71 WEST MIDLANDS (Wolverhampton, Walsall, Dudley, Sandwell, Birmingham, Solihull, Coventry)
NORTH WEST	72 CHESHIRE 73 GREATER MANCHESTER (Wigan, Bolton, Bury, Rochdale, Oldham, Tameside, Salford, Trafford, Manchester, Stockport) 74 LANCASHIRE 75 MERSEYSIDE (Wirral, Sefton, Liverpool, Knowsley, St. Helens)

Region/cont.	County codes
WALES	76 CLWYD 77 DYFED 78 GWENT 79 GWYNEDD 80 MID GLAMORGAN 82 SOUTH GLAMORGAN 83 WEST GLAMORGAN
SCOTLAND	84 ARGYLL & CLYDE 85 AYRSHIRE & ARRAN 87 DUMFRIES & GALLOWAY 88 FIFE 89 FORTH VALLEY 90 GRAMPIAN 92 HIGHLANDS 94 LOTHIAN 95 ORKNEY 97 TAYSIDE 104 Northern Ireland 105 Eire
	625 ? error?