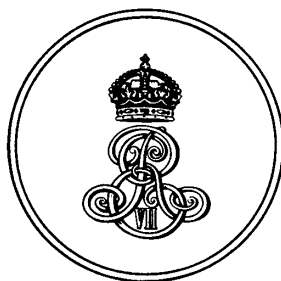


# Information about district health authorities in England from the 1981 census

---

Peter Rice, Doreen Irving and Gillian Davies



HIBEA (Ric)

St Mary's Hospital Medical School & London School of Economics

September 1984

KING'S FUND CENTRE LIBRARY  
126 ALBERT STREET LONDON NW1 7NF

ACCESSION NO.

25075

CLASS MARK

H1BEA

DATE OF RECEIPT

30 Sep 1985

PRICE

Donation

19299333866



Copies of this booklet (KFC 84/158) are available from the King's Fund  
Centre, 126 Albert Street, London NW1 7NF price £2.00 including p & p

Information about district health authorities in England from the 1981 census

Peter Rice, Doreen Irving and Gillian Davies

St Mary's Hospital Medical School  
and  
London School of Economics

September 1984

# CONTENTS

Page	1	Introduction
	2	Notes on interpreting the figures
	5	Key to abbreviations
	7	Weights used when combining variables into scores

## Geographical Composition and Figures for District Health Authorities

Page	8	Northern RHA
	10	Yorkshire RHA
	12	Trent RHA
	14	East Anglian RHA
	16	North West Thames RHA
	18	North East Thames RHA
	20	South East Thames RHA
	22	South West Thames RHA
	24	Wessex RHA
	26	Oxford RHA
	28	South Western RHA
	30	West Midlands RHA
	32	Mersey RHA
	34	North Western RHA

Page	36	Acknowledgements
	37	References
	38	About the authors

## INTRODUCTION

A summary of social characteristics in all district health authorities in England has not been published before. The items presented here are about children, the elderly, housing, migration and economic factors, and include a selection of composite scores.

Similar information about electoral wards, already supplied free on request to health authorities, may be used to identify the most deprived parts of a district (Dearden, 1984).

Family practitioner committees and community health councils are also able to obtain free from Peter Rice the figures on electoral wards in their areas.

The district figures provide a simple means of comparing districts when the ward figures are too detailed for that purpose, and analyses of the data will become available through the service run by John Yates at the Health Services Management Centre, Birmingham.

## NOTES ON INTERPRETING THE FIGURES

### 1 PRIVATE HOUSEHOLDS

The census is mostly about private households, and little information is collected about communal establishments, such as hospitals and prisons. A private household in the census is related to living arrangements rather than ownership; a family in a council house would be a private household, and a private nursing home would count as a communal residence, not a private household. Rhind (1983) is a useful guide to the idiosyncracies of the census.

### 2 THE ELDERLY

Our figures for the elderly exclude residents of communal households.

### 3 CHILDREN

Our figures for single parent families do not include families that are part of larger households, perhaps living with grandparents or with another adult unrelated to the children.

### 4 ECONOMIC FACTORS

The percentage of unskilled workers and their families is a crude measure of the social class of an area.

Although our figures for unemployment are, for most areas, underestimates of current (1984) levels, they will still show fairly well the relative positions. There is little evidence of recent change in, for instance, the pattern of higher unemployment in the north than in the south of England.

## 5 HOUSING FACTORS

When a private household lacks the exclusive use of the basic amenities of a bathroom or an inside WC, it is usually an indication of old or shared accommodation. The amenity variable fails to indicate those areas, such as some council estates, where facilities other than basic ones are poor. Overcrowded housing is, we think, the better of our two housing indicators of deprivation.

## 6 MIGRATION

High concentrations of ethnic minorities and frequent changes of address are characteristics associated with inner city areas under stress.

## 7 THE SCORES

The scores have no meaning other than as attempts to summarise the above factors. There is some interest, nevertheless, in whether an area has high, medium or low scores and whether the scores are consistent.

The scores have different ranges, so the most appropriate check on consistency is to see whether the scores produce the same ranking of areas; and in some cases they do not. The score using ten variables, for instance, gives most weight to the elderly, and it produces high values for retirement areas, including those on the south coast that are not socially deprived. Inconsistencies in our scores thus reflect such unresolved issues as the extent to which age is, in itself, an indicator of need for health services, and how that should be balanced against opportunities for private health care that are unavailable to the poor.

A quick check for consistency is to see whether all the scores of an area have the same sign: each score has an average of zero, so a minus sign means a score below average, and in the tables it can be seen at a glance whether all, some or none of the scores of an area are below average, that is, have minus signs.

The score using equal weights for nine variables is a compromise between the social index of the Department of the Environment and the two scores using Jarman weights. The method of calculating scores is the same as in Irving and Rice (1984) except that the district scores are standardised to all districts in England, instead of to electoral wards in England and Wales.

It is impossible to produce a completely objective measure of need for NHS services from our ten or any other selection of census figures (Scott-Samuel, 1984).

#### 8 DISTRICTS

The composition of districts has been derived from a census user guide supplied by the Office of Population Censuses and Surveys, which has a census customer service office at Titchfield that can, if necessary, supply maps to enable the codes of wards and enumeration districts(ED) to be deciphered.



# KEY TO ABBREVIATIONS

65+	OVER 65	People aged 65 or more as a percentage of all residents in private households
ALONE	PENSIONER ALONE	Pensioners (females over 60, males over 65) living alone as a percentage of all residents in private households
0-4	UNDER 5	Children under 5 as a percentage of all residents in private households
1 PAR	ONE PARENT	People in households consisting of one person over 16 and one or more children under 16 as a percentage of all residents in private households
UNSK	UNSKILLED	People in households headed by a person in socio-economic group 11 as a percentage of all residents in private households
UNEM	UNEMPLOYED	People aged 16 or more seeking work or temporarily sick as a percentage of the total economically active population
AMEN	LACKS AMENITY	People in households lacking exclusive use of a bath and inside WC as a percentage of all residents in private households
CROWD	OVERCROWDED	People in households living at more than one person per room as a percentage of all residents in private households

ADDR	CHANGED ADDRESS	People aged 1 or over with a usual address one year before the census different from present usual address as a percentage of total residents
ETH	ETHNIC MINORITY	People in households headed by a person born in the New Commonwealth or Pakistan as a percentage of all residents in private households
J10	JARMAN 10	Previously called the UPA score, this index is based on the ten variables above. It uses weights derived from Jarman (1983).
J8	JARMAN 8	Adopted in 1984 by the Underprivileged Areas Subcommittee of the British Medical Association after a validation study based on six local medical committees, this index uses only eight of the above variables.
U9	UNIT 9	Equal weights for nine variables are used in this score.
S6	SOCIAL 6	The weights are based on those given for a social index of deprivation in Department of the Environment (1983).

WEIGHTS USED WHEN COMBINING VARIABLES INTO SCORES

	JARMAN 10	JARMAN 8	UNIT 9	SOCIAL 6
OVER 65	6.19	0	1	0
PENSIONERS ALONE	6.62	6.62	1	2
UNDER 5	4.64	4.64	1	0
ONE PARENT	3.01	3.01	1	2
UNSKILLED	3.74	3.74	1	0
UNEMPLOYED	3.34	3.34	1	2
LACKS AMENITY	3.60	0	1	1
OVERCROWDED	2.88	2.88	1	1
CHANGED ADDRESS	2.68	2.68	0	0
ETHNIC MINORITY	2.50	2.50	1	1

NORTHERN RHA

HARTLEPOOL	Hartlepool
NORTH TEES	Stockton on Tees
SOUTH TEES	Langbaurgh, Middlesborough
EAST CUMBERIA	Allerdale[Wards AB,AD,AL,AS,AT,BD,BF-BJ,BL], Carlisle, Eden
SOUTH CUMBERIA	Barrow in Furness, South Lakeland
WEST CUMBERIA	Allerdale[Wards AA,AC,AE-AK,AM-AR,AU-BC,BE,BK], Copeland
DARLINGTON	Darlington, Teesdale
DURHAM	Chester le Street, Durham, Easington
NORTH WEST DURHAM	Derwentside
SOUTH WEST DURHAM	Sedgefield, Wear Valley
NORTHUMBERLAND	Alnwick, Berwick on Tweed, Blyth Valley, Castle Morpeth, Tynedale, Wansbeck
GATESHEAD	Gateshead
NEWCASTLE	Newcastle on Tyne
NORTH TYNESIDE	North Tyneside
SOUTH TYNESIDE	South Tyneside
SUNDERLAND	Sunderland

ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION		SCORES				
65+	ALONE	0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	NORTHERN RHA
12	5	6	2	9	18	6	9	9	0	13	13	5	5	HARTLEPOOL
11	4	7	2	6	15	2	7	9	1	-6	5	0	0	NORTH TEES
11	4	7	2	8	18	2	10	9	2	6	15	4	3	SOUTH TEES
16	6	6	2	5	8	3	6	9	0	-4	-7	-2	-3	EAST CUMBRIA
17	6	5	2	5	7	3	4	9	0	-4	-9	-2	-2	SOUTH CUMBRIA
13	5	6	2	7	11	3	7	9	0	-6	-2	-1	-3	WEST CUMBRIA
15	6	6	2	5	10	4	6	9	1	4	1	1	0	DARLINGTON
13	5	6	2	5	11	2	8	9	0	-8	-2	-2	-2	DURHAM
15	6	6	2	6	22	3	7	8	0	13	11	3	6	NORTH WEST DURHAM
13	5	6	2	7	14	3	8	9	0	4	7	1	2	SOUTH WEST DURHAM
15	5	6	2	4	8	2	6	10	0	-7	-5	-3	-4	NORTHUMBERLAND
14	6	6	2	7	14	2	10	8	0	4	8	1	2	GATESHEAD
16	7	6	3	7	14	2	10	10	2	18	19	4	6	NEWCASTLE
15	6	6	3	5	12	1	7	9	1	1	6	0	2	NORTH TYNESIDE
14	6	6	2	7	17	2	10	8	1	9	11	3	5	SOUTH TYNESIDE
12	5	7	2	6	17	2	9	9	1	6	13	2	3	SUNDERLAND

YORKSHIRE RHA

HULL	Holderness, Kingston on Hull
EAST YORKSHIRE	Beverley, East Yorkshire
GRIMSBY	Cleethorpes, Great Grimsby
SCUNTHORPE	Boothferry, Glanford, Scunthorpe
NORTHALLERTON	Hambleton[Wards AA-AF,AJ,AL,AN-AY,BA,BC-BH,BK,BL], Harrogate[Ward AN], Richmondshire
YORK	Hambleton[Wards AG,AH,AK,AM,AZ,BB,BJ], Harrogate[Wards AU-AX,BG], Ryedale[Wards AD-AP,AX,AZ], Selby, York
SCARBOROUGH	Ryedale[Wards AA-AC,AQ-AW,AY,BA-BG], Scarborough
HARROGATE	Harrogate[Wards AA-AM,AP-AT,AY-BF,BH-BK]
BRADFORD	Bradford[Wards AA,AD-AG,AJ-AM,AS-AU,AX-BE,BG]
AIREDALE	Bradford[Wards AB,AC,AH,AN-AR,AW,BF], Craven
CALDERDALE	Calderdale
HUDDERSFIELD	Kirklees[Wards AD-AL,AT-AZ]
DEWSBURY	Kirklees[Wards AA-AC,AM-AS,BA]
LEEDS WESTERN	Leeds[Wards AA,AB,AD,AE,AH,AJ,AN,AP,AR,AU,AW,AY-BA,BF(ED 1-33,52-60,63),BG,BK]
LEEDS EASTERN	Leeds[Wards AC,AF,AG,AK-AM,AQ,AS,AT,AX,BB,BC-BE,BF(ED 34-50,61-62),BH,BJ]
WAKEFIELD	Wakefield[Wards AA-AD,AH,AN,AR,AS,AX,AY]
PONTEFRACT	Wakefield[Wards AE-AG,AJ-AM,AP,AQ,AT-AW]

ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION			SCORES				
65+	ALONE	0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	YORKSHIRE RHA	
14	6	6	2	9	15	7	9	10	1	24	19	6	6	HULL	
16	5	5	1	3	7	2	3	9	1	-20	-21	-6	-7	EAST YORKSHIRE	
13	5	6	2	6	11	3	7	9	1	-3	1	0	-1	GRIMSBY	
13	4	6	2	7	13	3	5	9	1	-5	0	0	-2	SCUNTHOPE	
14	5	6	2	3	7	2	4	13	1	-15	-11	-6	-8	NORTHALLERTON	
15	5	6	2	4	6	3	5	10	1	-14	-13	-4	-6	YORK	
21	7	5	2	5	9	3	4	9	0	8	-3	-1	-1	SCARBOROUGH	
17	6	5	2	3	6	2	3	11	1	-10	-12	-5	-5	HARROGATE	
13	6	8	3	7	13	4	15	11	14	35	36	10	9	BRADFORD	
16	6	6	2	5	8	2	6	10	3	5	4	0	-1	AIREDALE	
16	7	6	2	5	10	3	9	9	3	15	14	3	4	CALDERDALE	
15	6	6	2	5	10	4	9	9	8	15	13	4	5	HUDDERSFIELD	
13	6	7	2	5	11	3	12	9	8	14	17	4	4	DEWSBURY	
15	6	6	2	5	10	2	7	10	3	5	6	1	2	LEEDS WESTERN	
14	6	6	3	5	11	1	8	9	5	5	10	2	3	LEEDS EASTERN	
13	5	6	2	4	7	2	7	9	2	-12	-4	-3	-3	WAKEFIELD	
13	5	6	2	4	10	2	8	9	0	-16	-8	-3	-3	PONTEFRAC	

TRENT RHA

NORTH DERBYSHIRE	Bolsover, Chesterfield, High Peak[Wards AB-AK,AM-AS,AZ,BB], NE Derbyshire, W Derbyshire[Wards AA,AC-AF,AJ,AL,AN,AQ,AS,AU,AW-AZ,BB]
SOUTHERN DERBYSHIRE	Amber Valley, Derby, Erewash, S Derbyshire, W Derbyshire[Wards AB,AG,AH,AK,AM,AP,AR,AT,BA]
LEICESTERSHIRE	Blaby, Charnwood, Harborough, Hinkley & Bosworth, Leicester, Melton, NW Leicestershire, Oadby & Wigston, Rutland
NORTH LINCOLNSHIRE	East Lindsey[Wards AA-AF,AJ,AN-BD,BH], Lincoln, North Kesteven[Wards AB,AD-AF,AH,AK,AN-AT,AY,BD-BG], West Lindsey
SOUTH LINCOLNSHIRE	Boston, East Lindsey[Wards AG,AH,AK-AM,BE-BG,BJ-BT], North Kesteven[Wards AA,AC,AG,AJ,AL,AM,AU,AW,AX,AZ,BA-BC], South Holland, South Kesteven
BASSETLAW	Bassetlaw
CENTRAL NOTTINGHAMSHIRE	Ashfield[Wards AE-AQ], Mansfield, Newark
NOTTINGHAM	Ashfield[Wards AA-AD], Broxtowe, Gedling, Nottingham, Rushcliffe
BARNSELY	Barnsley
DONCASTER	Doncaster
ROTHERHAM	Rotherham
SHEFFIELD	Sheffield



ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION			SCORES				
65+	ALONE	0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	TRENT RHA	
14	5	6	2	4	8	3	5	8	1	-15	-14	-4	-5	NORTH DERBYSHIRE	
14	5	6	2	5	8	4	6	9	4	-2	-4	0	-2	SOUTHERN DERBYSHIRE	
13	5	7	2	4	8	4	8	9	9	-2	-2	0	-1	LEICESTERSHIRE	
15	5	6	2	4	9	3	5	12	1	-4	-5	-2	-3	NORTH LINCOLNSHIRE	
16	5	6	2	4	9	3	5	10	1	-7	-10	-3	-4	SOUTH LINCOLNSHIRE	
13	5	6	2	4	9	3	6	9	1	-13	-11	-3	-3	BASSETLAW	
13	5	6	2	4	8	4	6	9	1	-14	-12	-3	-4	CENTRAL NOTTINGHAMSHIRE	
14	5	6	2	4	9	3	7	9	4	-4	-2	0	1	NOTTINGHAM	
13	5	6	2	4	10	2	8	8	0	-13	-9	-3	-2	BARNSELEY	
12	4	6	2	4	12	4	7	9	1	-7	-3	-1	0	DONCASTER	
12	4	6	2	4	12	3	8	8	1	-11	-4	-1	-1	ROTHERHAM	
16	7	5	2	5	11	4	8	9	3	7	2	1	3	SHEFFIELD	

# EAST ANGLIAN RHA

CAMBRIDGE	Cambridge, E Cambridgeshire, S Cambridgeshire[Wards AA-BJ,BL-BU]
PETERBOROUGH	Fenland[Wards AA-AE,AH-AL,AQ-AX], Huntingdon[Wards AH,AK,BF,BL], Peterborough
WEST SUFFOLK	Breckland[Wards BG-BK], Babergh[Wards AH,AK,AP-AR,AU-AZ,BC-BF], Forest Heath, Mid Suffolk[Wards AA,AH,AL,AS,AW,AX,BF,BG,BK], St Edmondsbury
EAST SUFFOLK	Babergh[Wards AA-AG,AJ,AL-AN,AS,AT,BA,BB,BG], Ipswich, Mid Suffolk[Wards AB-AG,AJ,AK,AM-AR,AT,AU,AY-BE,BH,BJ,BL], Suffolk Coastal
NORWICH	Breckland[Wards AA-AD,AF-AQ,AT,AY-BA,BD,BF,BL-BQ,BS], Broadland[Wards AA-AL,AN-AX,AZ-BM], North Norfolk[Wards AA-BG,BJ-BN], Norwich, South Norfolk[Wards AA-AK,AM-BB,BD-BT]
GREAT YARMOUTH & WAVENEY	Broadland[Wards AM,AY], Great Yarmouth, South Norfolk[Wards AL,BC], Waveney
WEST NORFOLK & WISBECH	Fenland[Wards AF,AG,AM-AP,AY-BB], Breckland[Wards AE,AR,AS,AU-AX,BB,BC,BE,BR,BT], North Norfolk[Ward BH], West Norfolk
HUNTINGDON	Huntingdon[Wards AA-AG,AJ,AL-BE,BG-BK], S Cambridgeshire[Ward BK]

ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION		SCORES				
65+	ALONE	0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	EAST ANGLIAN RHA
15	5	6	2	4	5	3	4	11	2	-8	-9	-4	-5	CAMBRIDGE
13	4	7	2	4	10	3	6	11	4	-3	3	0	-2	PETERBOROUGH
14	4	7	2	4	6	2	5	12	1	-11	-6	-4	-6	WEST SUFFOLK
16	5	6	2	5	6	4	4	10	2	0	-6	-1	-4	EAST SUFFOLK
17	6	6	2	3	7	3	4	10	1	-5	-11	-3	-3	NORWICH
18	6	6	2	5	10	4	4	9	1	6	-3	0	-1	GREAT YARMOUTH & WAVENEY
17	5	6	2	4	11	3	5	10	1	0	-5	-1	-2	WEST NORFOLK & WISBECH
11	4	7	2	3	6	2	4	12	2	-20	-10	-5	-8	HUNTINGDON

NORTH WEST THAMES RHA

NORTH BEDFORDSHIRE	Mid Bedfordshire, North Bedfordshire
SOUTH BEDFORDSHIRE	Luton, South Bedfordshire
NORTH HERTFORDSHIRE	North Hertfordshire, Stevenage
EAST HERTFORDSHIRE	Broxbourne, East Hertfordshire, Welwyn Hatfield
NORTH WEST HERTFORDSHIRE	Dacorum, St Albans
SOUTH WEST HERTFORDSHIRE	Hertsmere, Three Rivers, Watford
BARNET	Barnet
HARROW	Harrow
HILLINGDON	Hillingdon
HOUNSLOW & SPELTHORNE	Hounslow, Spelthorne
EALING	Ealing
BRENT	Brent
PADDINGTON & N KENSINGTON	Kensington & Chelsea[Wards AB,AG,AK,AN,AP,AR,AW], Westminster[Wards AB,AJ,AK,AM,AN,AQ,AS,AY]
HAMMERSMITH & FULHAM	Hammersmith
VICTORIA	Kensington & Chelsea[Wards AA,AC-AF,AH,AJ,AL,AM,AQ,AS-AU,AX], Westminster[Wards AC,AF,AL,AR,AU,AW(ED 10-14,16-22,27,30-34,36-37,39,43-44),AX]

ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION		SCORES				
65+	ALONE	0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	
														NORTH WEST THAMES RHA
12	4	7	2	4	6	2	5	10	5	-16	-8	-3	-6	NORTH BEDFORDSHIRE
11	4	7	2	3	9	2	9	9	9	-13	-2	-1	-3	SOUTH BEDFORDSHIRE
11	4	6	2	3	8	1	5	9	5	-24	-12	-5	-5	NORTH HERTFORDSHIRE
12	4	6	2	3	5	1	4	8	2	-38	-27	-9	-10	EAST HERTFORDSHIRE
12	4	6	2	2	5	1	4	9	3	-31	-21	-7	-8	NORTH WEST HERTFORDSHIRE
14	5	6	2	3	5	2	5	8	4	-24	-19	-6	-7	SOUTH WEST HERTFORDSHIRE
16	5	6	2	2	6	2	8	10	13	-5	-7	-2	-1	BARNET
16	5	6	2	2	5	1	8	9	15	-15	-13	-3	-5	HARROW
14	5	6	2	4	6	1	7	9	7	-16	-9	-3	-5	HILLINGDON
13	5	6	2	4	6	3	10	10	13	-6	-3	0	-1	HOUNSLOW & SPELTHORNE
13	5	6	2	5	9	5	16	11	25	16	15	6	5	EALING
13	5	6	3	4	10	5	17	11	33	20	19	8	9	BRENT
14	7	5	4	7	13	10	17	17	17	54	45	13	18	PADDINGTON & N KENSINGTON
16	7	5	4	6	11	11	15	13	15	47	32	12	16	HAMMERSMITH & FULHAM
16	9	4	2	4	9	8	11	22	7	30	19	3	9	VICTORIA

NORTH EAST THAMES RHA

BASILDON & THURROCK	Basildon, Thurrock
MID ESSEX	Braintree[Wards AA-AF,AJ,AL,AR-AU,BA,BB,BD-BJ], Chelmsford, Maldon
NORTH EAST ESSEX	Braintree[Wards AG,AH,AK,AM-AQ,AW-AZ,BC,BK], Colchester, Tendring
WEST ESSEX	Epping Forest, Harlow, Uttlesford
SOUTHEND	Castle Point, Rochford, Southend on Sea
BARKING, HAVERING & BRENTWOOD	Barking & Dagenham, Havering, Brentwood
HAMPSTEAD	Camden[Wards AA,AB,AF,AJ-AQ,AS,AU,BA-BC]
BLOOMSBURY	*Camden[Wards AC-AE,AG,AH,AR,AT,AW-AZ], Westminster[Wards AA,AD,AE,AG,AH,AP,AT,AW(ED 1-9,15,23-26,28,41-42), AZ]
ISLINGTON	Islington
CITY & HACKNEY	City of London, Hackney
NEWHAM	Newham
TOWER HAMLETS	Tower Hamlets
ENFIELD	Enfield
HARINGEY	Haringey
REDBRIDGE	Redbridge
WALTHAM FOREST	Waltham Forest

ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION			SCORES			
65+	ALONE	0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	NORTH EAST THAMES RHA
10	3	7	2	6	9	1	6	8	2	-20	-4	-3	-4	BASILDON & THURROCK
12	4	7	2	3	5	2	4	9	2	-26	-18	-6	-9	MID ESSEX
19	6	6	2	4	7	3	4	10	2	4	-4	-1	-2	NORTH EAST ESSEX
12	4	6	2	3	6	1	5	9	2	-30	-19	-7	-7	WEST ESSEX
17	6	6	2	3	7	2	4	9	2	-9	-11	-3	-3	SOUTHEND
13	5	6	2	5	7	1	8	7	3	-20	-13	-4	-4	BARKING, HAVERING & BRENTWOOD
16	8	5	4	4	11	9	10	17	10	38	25	7	13	HAMPSTEAD
20	10	4	3	6	10	7	12	17	11	53	36	9	14	BLOOMSBURY
14	7	6	4	7	13	8	13	14	17	47	39	12	16	ISLINGTON
14	6	7	5	7	15	9	18	11	27	56	49	17	20	CITY & HACKNEY
13	5	7	3	8	13	12	18	9	27	45	35	14	13	NEWHAM
14	6	7	4	11	16	6	22	12	20	60	55	16	17	TOWER HAMLETS
16	5	6	2	3	7	3	7	8	14	-3	-6	0	-1	ENFIELD
14	5	6	3	4	11	8	12	12	30	26	20	8	11	HARINGEY
15	5	6	2	3	7	3	7	7	11	-11	-13	-2	-2	REDBRIDGE
16	6	6	3	4	9	8	11	8	17	25	13	8	8	WALTHAM FOREST

SOUTH EAST THAMES RHA

BRIGHTON	Brighton, Hove, Lewes[Wards AA-AD,AG-AU]
EASTBOURNE	Eastbourne, Lewes[Wards AE,AF], Wealden[Wards AA-AF,AH-BG]
HASTINGS	Hastings, Rother, Wealden[Ward AG]
SOUTH EAST KENT	Ashford, Dover[Wards AC-AG,AJ,AL-AR,AT-BA,BC-BF], Shepway
CANTERBURY & THANET	Canterbury, Dover[Wards AA,AB,AH,AK,AS,BB,BG,BH], Swale[Wards AA,AC-AF,AT,AY,AZ], Thanet
DARTFORD & GRAVESHAM	Dartford, Gravesham, Sevenoaks[Wards AA,AD,AH,AJ,AK,AM,AN,AR,BF-BH,BK]
MAIDSTONE	Maidstone, Tonbridge & Malling[Wards AA-AE,AH-AK,AP,AR,AT-AY,BB-BD]
MEDWAY	Gillingham, Rochester on Medway, Swale[Wards AB,AG-AS,AU-AX,BA-BB]
TUNBRIDGE WELLS	Sevenoaks[Wards AB,AC,AE-AG,AL,AP,AQ,AS-BE,BJ], Tonbridge & Malling[Wards AF,AG,AL-AN,AQ,AS,AZ,BA], Tunbridge Wells
BEXLEY	Bexley
GREENWICH	Greenwich
BROMLEY	Bromley
WEST LAMBETH	Lambeth[Wards AB-AE,AJ-AM,AP-AT,AW]
CAMBERWELL	Lambeth[Wards AA,AF-AH,AN,AU,AX,AY], Southwark[Wards AB-AD,AG,AH,AL,AM,AQ,AR,AS,AX-BB]
LEWISHAM & NORTH SOUTHWARK	Lewisham, Southwark[Wards AA,AE,AF,AJ,AK,AN,AP,AT-AW]



ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION			SCORES				
65+	ALONE	0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	SOUTH EAST THAMES RHA	
22	9	5	2	3	9	4	6	11	2	23	6	2	5	BRIGHTON	
26	8	5	2	3	6	2	3	10	2	13	-7	-1	-1	EASTBOURNE	
27	9	5	2	3	9	3	4	11	2	31	7	3	5	HASTINGS	
18	6	6	2	3	8	3	5	11	1	3	-5	-1	-1	SOUTH EAST KENT	
21	7	6	2	4	9	3	5	10	1	17	4	2	3	CANTERBURY & THANET	
12	4	6	2	4	7	3	6	8	5	-20	-13	-3	-5	DARTFORD & GRAVESHAM	
12	4	6	2	3	6	4	5	9	2	-22	-18	-5	-7	MAIDSTONE	
12	4	7	2	5	9	3	6	9	3	-4	1	0	-3	MEDWAY	
16	6	6	2	3	5	3	4	9	2	-16	-19	-5	-6	TUNBRIDGE WELLS	
14	4	6	2	4	6	2	5	8	4	-24	-19	-5	-7	BEXLEY	
14	6	6	3	6	10	4	9	10	8	19	17	5	6	GREENWICH	
15	5	5	2	2	5	2	5	9	4	-23	-21	-6	-6	BROMLEY	
14	6	6	5	7	12	7	15	14	23	46	39	13	17	WEST LAMBETH	
14	6	6	5	8	13	6	13	12	22	44	40	13	16	CAMBERWELL	
16	6	6	4	8	11	4	11	11	14	33	28	9	11	LEWISHAM & NORTH SOUTHWARK	

SOUTH WEST THAMES RHA

NORTH WEST SURREY	Elmbridge[Wards AE,AF,AM,AP,AR-AU,AX,AY], Runnymede, Woking
WEST SURREY	Hart[Wards AA,AB,AD-AG,AJ,AP-AR], Rushmoor, Guildford[Wards AA,AB,AU],
& NORTH EAST HAMPSHIRE	Surrey Heath, Waverley[Wards AD-AH]
SOUTH WEST SURREY	Guildford[Wards AC-AT,AW,AX], Waverley[Wards AA-AC,AJ-BB]
MID SURREY	Elmbridge[Wards AB,AC,AN], Epsom & Ewell, Mole Valley[Wards AA-AE,AN,AP,AR,AS], Reigate & Banstead[Wards AA,AB,AE-AG,AS,AT]
EAST SURREY	Mole Valley[Wards AF-AM,AQ,AT-AZ], Reigate & Banstead[Wards AC,AD,AH-AR], Tandridge
CHICHESTER	Arun[Wards AA-AG,AL-AT], Chichester
MID DOWNS	Crawley, Horsham[Wards AA,AC,AE-AG,AJ,AK,AM-AS,AX,AY,BA], Mid Sussex
WORTHING	Adur, Arun[Wards AH-AK,AU-BA], Horsham[Wards AB,AD,AH,AL,AT-AW,AZ], Worthing
CROYDON	Croydon
KINGSTON & ESHER	Kingston on Thames, Elmbridge[Wards AA,AD,AG-AL,AQ,AW]
RICHMOND, TWICKENHAM	Wandsworth[Wards AD,AL,AN,AU,AX,AY], Richmond on Thames
& ROEHAMPTON	
WANDSWORTH	Wandsworth[Wards AA-AC,AE-AK,AM,AP-AT,AW]
MERTON & SUTTON	Merton, Sutton

ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION			SCORES				
65+ ALONE		0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6		
														SOUTH WEST THAMES RHA	
14	5	6	2	3	5	2	5	10	3	-24	-20	-6	-8	NORTH WEST SURREY	
10	3	7	2	2	4	1	4	13	3	-35	-20	-9	-11	WEST SURREY & NE HAMPSHIRE	
16	5	6	2	2	4	3	4	10	2	-18	-20	-6	-7	SOUTH WEST SURREY	
16	5	5	1	2	4	1	3	9	2	-34	-33	-9	-10	MID SURREY	
16	5	5	1	2	4	2	4	10	2	-22	-23	-7	-8	EAST SURREY	
23	7	5	2	3	7	2	4	11	1	4	-10	-3	-3	CHICHESTER	
13	4	7	2	3	5	1	4	11	3	-25	-16	-7	-9	MID DOWNS	
26	9	5	2	2	6	2	4	10	2	16	-3	-1	0	WORTHING	
13	5	6	2	3	6	3	8	10	12	-9	-6	-1	-1	CROYDON	
16	6	6	2	2	5	3	4	10	5	-13	-16	-4	-4	KINGSTON & ESHER	
17	6	5	2	3	6	4	7	11	6	4	-3	0	2	RICHMOND, TWICKENHAM & ROEHAMPTON	
15	6	6	4	6	11	9	14	12	23	41	30	11	14	WANDSWORTH	
16	6	6	2	3	5	2	6	9	7	-6	-8	-2	-2	MERTON & SUTTON	

WESSEX RHA

EAST DORSET	Bournemouth, Christchurch, Poole, Purbeck, Wimborne
WEST DORSET	North Dorset, West Dorset, Weymouth & Portland
PORTSMOUTH	East Hampshire[Wards AH,AJ,AM,AR-AW,AZ-BB,BD,BF], Fareham,
& SE HAMPSHIRE	Gosport, Havant, Portsmouth, Winchester[Wards AC,AG]
SOUTHAMPTON	Eastleigh[Wards AB,AC,AK-AM,AQ-AS], New Forest[Wards AA-AL,AN,AQ,AS-BD,BG-BK],
& SW HAMPSHIRE	Southampton, Test Valley[Wards AA,AD,AF,AG,AJ,AQ,AS,AW]
WINCHESTER	Eastleigh[Wards AA,AD-AJ,AN,AP],
	Test Valley[Wards AB,AC,AE,AH,AK-AP,AR,AT,AU,AX-AZ], Winchester[Wards AA,AB,AD-AF,AH-BH]
BASINGSTOKE	Basingstoke & Deane, East Hampshire[Wards AA-AG,AK,AL,AN-AQ,AX,AY,BC,BE,BG,BH],
& N HAMPSHIRE	Hart[Wards AC,AH,AK-AN]
SALISBURY	New Forest[Wards AM,AP,AR,BE,BF], Salisbury
SWINDON	Kennet[Wards AA,AB,AD,AG,AL,AN-AU,AX,BA,BB,BE-BG],
	North Wiltshire[Wards AT,AU,AW-BA], Thamesdown
BATH	Bath, Wansdyke[Wards AA-AC,AE,AF,AL,AM,AP,AQ,AW-BA,BC,BF,BG],
	Mendip[Wards AA,AC-AG,AJ,AL,AR,AU-AX,AZ,BB,BC], Kennet[Wards AC,AE,AF,AH,AJ,AK,AM,AW,AY,AZ,BC,BD,BH],
	North Wiltshire[Wards AA-AS,BB-BG], West Wiltshire
ISLE OF WIGHT	Medina, Isle of Wight

ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION			SCORES				
65+	ALONE	0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	WESSEX RHA	
22	7	5	2	3	8	2	4	11	1	6	-8	-2	-1	EAST DORSET	
20	6	5	2	3	7	2	4	11	1	1	-8	-3	-3	WEST DORSET	
14	5	6	2	3	8	3	5	12	2	-5	-4	-2	-2	PORTSMOUTH & SE HAMPSHIRE	
16	5	6	2	5	8	3	6	10	3	0	-2	-1	-2	SOUTHAMPTON & SW HAMPSHIRE	
14	5	6	2	3	5	2	4	12	2	-22	-16	-7	-9	WINCHESTER	
11	3	7	2	3	5	1	5	11	2	-28	-16	-7	-9	BASINGSTOKE & N HAMPSHIRE	
17	5	6	2	3	6	2	5	11	2	-7	-10	-4	-5	SALISBURY	
12	4	7	2	4	9	2	6	12	3	-11	-3	-3	-5	SWINDON	
15	5	6	2	3	6	2	4	10	2	-12	-12	-4	-5	BATH	
22	7	5	2	4	10	4	4	10	1	13	-3	0	1	ISLE OF WIGHT	

OXFORD RHA

EAST BERKSHIRE	Bracknell, Slough, Windsor & Maidenhead, South Bucks[Wards AD,AE,AG-AJ,AL-AT]
WEST BERKSHIRE	Newbury, Reading, Wokingham, S Oxfordshire[Wards AT-BE]
AYLESBURY VALE	Aylesbury Vale
WYCOMBE	Chiltern, South Bucks[Wards AA-AC,AF,AK], Wycombe
MILTON KEYNES	Milton Keynes
KETTERING	Corby, E Northamptonshire, Kettering, Wellingborough
NORTHAMPTON	Daventry, Northampton, S Northamptonshire
OXFORDSHIRE	Cherwell, Oxford, S Oxfordshire[Wards AA-AS,BF-BN], Vale of White Horse, W Oxfordshire

ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION			SCORES				
65+	ALONE	0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	OXFORD RHA	
11	4	7	2	3	6	3	8	10	8	-19	-11	-4	-6	EAST BERKSHIRE	
12	4	6	2	3	5	2	6	11	4	-23	-15	-6	-7	WEST BERKSHIRE	
11	4	7	2	3	5	2	5	12	3	-21	-12	-5	-8	AYLESBURY VALE	
12	4	6	2	2	5	2	5	9	5	-34	-24	-8	-10	WYCOMBE	
9	3	9	3	4	9	1	6	14	4	-4	14	-1	-3	MILTON KEYNES	
14	5	7	2	5	12	3	6	9	3	2	4	1	1	KETTERING	
13	5	7	2	4	7	2	5	10	3	-10	-4	-3	-4	NORTHAMPTON	
13	4	7	2	4	7	2	5	12	3	-15	-9	-4	-6	OXFORDSHIRE	

SOUTH WESTERN RHA

BRISTOL & WESTON Bristol[Wards AB,AD-AG,AK,AN,AR,AS,AW-AY,BA,BC,BE],  
Wansdyke[Wards AD,AG-AK,AN,AR-AU,BB,BD,BE], Woodspring[Wards AA-AD,AL,AP-AT,BA-BJ,BL,BM]

FRENCHAY Bristol[Wards AL,AP,AT,AU,BB], Kingswood,  
Northavon[Wards AC,AE,AF,AK-AQ,AY,BD-BF,BH-BP]

SOUTHMEAD Bristol[Wards AA,AC,AH,AJ,AM,AQ,AZ,BD],  
Northavon[Wards AA,AB,AD,AG-AJ,AR-AX,AZ-BC,BG], Woodspring[Wards AE-AK,AM,AN,AU-AZ,BK]

CORNWALL Caradon, Carrick, Kerrier, North Cornwall,  
& ISLES OF SCILLY Penwith, Restormel, Isles of Scilly

EXETER East Devon, Exeter, Mid Devon, Teignbridge[Wards AP,AT,BB,BJ,BK],  
West Devon[Wards AB,AE-AK,AP-AR]

NORTH DEVON North Devon, Torridge

PLYMOUTH Plymouth, South Hams[Wards AB-AF,AM-AQ,AS,AU-AY,BA,BB,BD,BE,BH,BJ,BL],  
West Devon[Wards AA,AC,AD,AL-AN,AS-AX]

TORBAY South Hams[Wards AA,AG-AL,AR,AT,AZ,BC,BF,BG,BK],  
Teignbridge[Wards AA-AN,AQ-AS,AU-BA,BC-BH], Torbay

CHEL TENHAM Cheltenham, Cotswold[Wards AA,AC-AT,AW-BE,BG-BK],  
& DISTRICT Tewkesbury[Wards AA,AH-AZ]

GLOUCESTER Cotswold[Wards AB,AU,BF], Forest of Dean, Gloucester,  
Stroud, Tewkesbury[Wards AB-AG]

SOMERSET Mendip[Wards AB,AH,AM-AQ,AS,AT,AY,BA,BD-BJ], Sedgemoor,  
Taunton Deane, West Somerset, Yeovil



ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION		SCORES				SOUTH WESTERN RHA
65+	ALONE	0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	
16	6	6	2	4	10	3	5	10	3	2	0	0	1	BRISTOL & WESTON
14	4	6	2	3	6	2	4	8	2	-25	-20	-6	-7	FRENCHAY
14	5	6	2	3	7	2	5	10	2	-14	-10	-4	-4	SOUTHMEAD
18	6	6	2	4	11	4	5	10	1	6	-4	0	0	CORNWALL & ISLES OF SCILLY
20	6	5	2	3	7	3	4	10	1	2	-9	-2	-2	EXETER
19	6	5	2	3	8	3	4	10	1	-4	-14	-3	-3	NORTH DEVON
15	5	6	2	4	10	4	5	11	1	2	-1	0	0	PLYMOUTH
24	8	5	2	3	10	3	4	10	1	12	-5	0	2	TORBAY
16	6	6	2	3	6	2	5	10	2	-9	-11	-4	-3	CHELTENHAM & DISTRICT
14	5	6	2	4	8	3	6	9	2	-13	-12	-3	-4	GLOUCESTER
18	6	6	2	4	6	2	4	10	1	-8	-12	-4	-5	SOMERSET

# WEST MIDLANDS RHA

BROMSGROVE & REDDITCH	Bromsgrove, Redditch
HEREFORDSHIRE	Hereford, Leominster[Wards AA,AC-AN,AQ-AT,AW-BA,BC,BE,BF], Malvern Hills[Wards AB,AD,AE,AG-AJ,AL,AM,AR,AS,AX], S Herefordshire
KIDDERMINSTER	Leominster[Wards AB,AP,AU,BB,BD], Wychavon[Ward AY], Wyre Forest
& DISTRICT	
WORCESTER & DISTRICT	Malvern Hills[Wards AA,AC,AF,AK,AN-AQ,AT-AW,AY-BK], Worcester, Wychavon[Wards AA-AX,AZ-BP]
SHROPSHIRE	Bridgnorth, N Shropshire, Oswestry, Shrewsbury & Atcham, S Shropshire, The Wrekin
MID STAFFORDSHIRE	Cannock Chase, S Staffordshire, Stafford
NORTH STAFFORDSHIRE	Newcastle under Lyme, Staffordshire Moorlands, Stoke on Trent
SE STAFFORDSHIRE	E Staffordshire, Lichfield, Tamworth
RUGBY	Rugby
NORTH WARWICKSHIRE	N Warwickshire, Nuneaton
SOUTH WARWICKSHIRE	Stratford on Avon, Warwick
CENTRAL BIRMINGHAM	Birmingham[Wards AD(ED 5),AF(ED 1-6,8-14,16-18,20,21,30-32,34,35),AG,AH(ED 1-20,23-47,49-71), AK,AL(ED 44-47),AM(ED 1-3,6-56),AP(ED 12-47),AU(ED 1-4,8-11,16-20,22-26,32-34,74,77), BA,BH(ED 1),BK(ED 1-4,13-33),BL]
EAST BIRMINGHAM	Birmingham[Wards AA,BC,BF,BG,BH(ED 2-15,17-41),BK(ED 5-12,34-36),BM,BP,BR]
NORTH BIRMINGHAM	Birmingham[Wards AJ,AL(ED 5-41,48-51),BN(ED 1-15,20-29,35-38,42-51),BS-BU]
SOUTH BIRMINGHAM	Birmingham[Wards AD(ED 1-4,6-50),AE,AF(ED 22-29),AM(ED 4,5),AQ,AT, AU(ED 5-7,12-15,21,27-31,35-73,75,76),AX,BE,BQ]
WEST BIRMINGHAM	Birmingham[Wards AB,AC,AF(ED 36),AH(ED 21,22),AL(ED 1-4,42,43),AN, AP(ED 1-11),AR,AS,AW,AY,AZ,BB,BD,BJ,BN(ED 16-19,30-34,39-41)]
COVENTRY	Coventry
DUDLEY	Dudley
SANDWELL	Sandwell
SOLIHULL	Solihull
WALSALL	Walsall
WOLVERHAMPTON	Wolverhampton

ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION		SCORES				WEST MIDLANDS RHA
65+ ALONE		0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	
11	3	8	2	3	9	2	5	9	2	-21	-9	-4	-5	BROMSGROVE & REDDITCH
16	5	6	2	4	8	4	6	10	1	-8	-13	-3	-4	HEREFORDSHIRE
13	5	6	2	3	10	3	5	7	1	-17	-13	-3	-3	KIDDERMINSTER & DISTRICT
15	5	6	2	4	8	2	4	9	1	-13	-12	-4	-4	WORCESTER & DISTRICT
14	5	6	2	4	10	3	5	10	1	-9	-6	-2	-3	SHROPSHIRE
11	4	6	2	3	8	2	6	8	1	-31	-21	-6	-7	MID STAFFORDSHIRE
14	5	6	2	5	10	5	7	7	1	-3	-6	0	0	NORTH STAFFORDSHIRE
11	4	7	2	4	9	3	6	8	2	-20	-10	-3	-5	SOUTH EAST STAFFORDSHIRE
13	4	6	2	3	7	2	6	9	5	-19	-14	-4	-4	RUGBY
11	4	6	2	4	11	3	7	7	2	-21	-13	-3	-4	NORTH WARWICKSHIRE
14	5	6	2	3	7	2	5	9	3	-23	-17	-5	-6	SOUTH WARWICKSHIRE
15	6	7	3	6	16	5	16	11	20	37	34	11	12	CENTRAL BIRMINGHAM
14	5	7	2	7	17	5	17	8	16	28	25	10	10	EAST BIRMINGHAM
14	5	5	2	4	11	2	7	9	4	-14	-11	-3	0	NORTH BIRMINGHAM
14	5	6	3	5	12	3	9	9	5	10	11	3	6	SOUTH BIRMINGHAM
14	5	7	3	8	20	6	20	9	30	48	44	15	16	WEST BIRMINGHAM
13	5	6	3	5	15	2	12	8	10	8	13	4	6	COVENTRY
13	5	6	1	3	11	2	7	7	3	-21	-15	-3	-4	DUDLEY
14	5	6	2	5	15	6	13	8	11	15	11	6	7	SANDWELL
11	4	6	3	2	9	0	6	8	2	-38	-21	-7	-5	SOLIHULL
12	4	6	2	4	14	3	11	8	7	-8	-2	0	1	WALSALL
13	5	6	2	5	16	7	13	8	16	18	14	7	8	WOLVERHAMPTON

MERSEY RHA

CHESTER	Chester, Ellesmere Port & Neston[Wards AB-AE,AJ,AK,AM-AR,AT]
CREWE	Congleton[Wards AA,AB,AD,AK-AT], Crewe & Nantwich, Vale Royal[Wards AA-AF,AL-AN,AT-BC,BE-BH,BK-BN]
HALTON	Halton, Vale Royal[Wards AG-AK,AP-AS,BJ]
MACCLESFIELD	Congleton[Wards AC,AE-AJ], Macclesfield
WARRINGTON	Vale Royal[Ward BD], Warrington
LIVERPOOL	Liverpool
ST HELENS & KNOWSLEY	Knowsley, St Helens
SOUTHPORT & FORMBY	Sefton[Wards AA,AB,AD,AG,AJ,AK,AP,AS,AW]
SOUTH SEFTON	Sefton[Wards AC,AE,AF,AH,AL-AN,AQ,AR,AT,AU,AX-AZ]
WIRRAL	Wirral, Ellesmere Port & Neston[Wards AA,AF-AH,AL,AS]

ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION		SCORES				MERSEY RHA
65+	ALONE	0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	
13	4	6	2	6	11	3	6	8	1	-11	-6	-2	-2	CHESTER
13	5	6	2	4	8	4	6	8	1	-14	-12	-3	-4	CREWE
11	4	7	2	6	13	1	8	10	1	-7	7	0	-1	HALTON
14	5	6	2	3	7	3	4	8	1	-24	-21	-6	-6	MACCLESFIELD
12	5	6	2	5	9	3	6	8	1	-12	-8	-2	-3	WARRINGTON
15	6	6	3	9	20	6	12	8	2	29	23	8	10	LIVERPOOL
11	4	7	3	7	17	4	11	7	1	2	9	4	4	ST HELENS & KNOWSLEY
18	7	5	2	3	9	3	3	9	1	-8	-15	-4	-2	SOUTHPORT & FORMBY
13	5	6	2	7	15	3	8	7	1	-5	0	1	1	SOUTH SEFTON
15	5	6	2	5	13	2	6	8	1	1	2	0	1	WIRRAL

# NORTH WESTERN RHA

LANCASTER	Lancaster
BLACKPOOL,	Blackpool, Fylde, Wyre
WYRE & FYLDE	
PRESTON	Preston
BLACKBURN, HYNDBURN	Blackburn, Hyndburn, Ribble Valley
& RIBBLE VALLEY	
BURNLEY, PENDLE	Burnley, Pendle, Rossendale[Wards AA-AF, AH-AN]
& ROSSENDALE	
WEST LANCASHIRE	West Lancashire
CHORLEY	Chorley, South Ribble
& SOUTH RIBBLE	
BOLTON	Bolton
BURY	Bury
NORTH MANCHESTER	Manchester[Wards AE-AG,AK,AL,AN,AQ,AU,AY,BB,BD,BE]
CENTRAL MANCHESTER	Manchester[Wards AB,AS,AT,AW,AX,AZ,BA,BC,BH]
SOUTH MANCHESTER	Manchester[Wards AA,AC,AD,AH,AJ,AM,AP,AR,BF,BG,BJ,BK]
OLDHAM	Oldham
ROCHDALE	Rochdale, Rossendale[Ward AG]
SALFORD	Salford
STOCKPORT	Stockport
TAMESIDE & GLOSSOP	Tameside, High Peak[Wards AA,AL,AT-AY,BA]
TRAFFORD	Trafford
WIGAN	Wigan

ELDERLY		CHILDREN		ECONOMIC		HOUSING		MIGRATION		SCORES				NORTH WESTERN RHA
65+	ALONE	0-4	1 PAR	UNSK	UNEM	AMEN	CROWD	ADDR	ETH	J10	J8	U9	S6	
20	7	5	2	5	11	3	5	10	1	15	3	1	2	LANCASTER
21	7	5	2	4	10	3	5	10	1	8	-6	-1	1	BLACKPOOL, WYRE & FYDLE
15	6	6	2	7	13	5	11	10	9	27	21	7	8	PRESTON
15	6	7	2	6	11	7	10	9	7	23	16	6	6	BLACKBURN, HYNDBURN & RIBBLE VALLY
16	7	7	2	6	11	6	9	9	4	26	18	6	6	BURNLEY, PENDLE & ROSSENDALE
11	4	7	2	4	12	2	5	9	1	-18	-7	-3	-2	WEST LANCASHIRE
12	4	7	2	4	7	2	5	8	1	-18	-11	-4	-6	CHORLEY AND SOUTH RIBBLE
14	6	7	2	6	12	5	10	8	6	17	14	5	5	BOLTON
14	5	6	2	5	9	3	7	8	2	-3	-1	0	-1	BURY
16	7	6	3	8	17	6	13	9	4	44	35	11	13	NORTH MANCHESTER
14	6	7	4	9	21	9	17	12	17	59	51	17	20	CENTRAL MANCHESTER
16	6	5	3	6	14	3	10	10	5	19	18	5	8	SOUTH MANCHESTER
14	6	7	3	6	11	4	10	9	5	20	19	6	6	OLDHAM
13	5	7	3	7	13	3	11	9	5	19	22	6	6	ROCHDALE
15	6	6	3	7	14	3	9	9	1	17	14	4	6	SALFORD
14	5	6	2	3	8	2	5	8	1	-15	-11	-4	-3	STOCKPORT
14	6	6	2	6	11	3	9	8	3	8	8	3	3	TAMESIDE & GLOSSOP
14	5	6	2	4	9	2	6	8	4	-11	-7	-2	-1	TRAFFORD
13	5	6	2	6	11	3	7	7	0	-6	-1	0	-1	WIGAN

ACKNOWLEDGEMENTS

We have received financial support from the King's Fund and from the LSE Staff Research Fund.



#### REFERENCES

DEARDEN,R.W. Inequalities in health: can they be corrected? British Medical Journal, 26 May 1984.

DEPARTMENT OF THE ENVIRONMENT. Information Note No.2: Urban Deprivation. Inner Cities Directorate, 1983.

IRVING,D. and RICE,P. Information for health services planning from the 1981 census. King's Fund Centre, 1984.

JARMAN,B. Identification of underprivileged areas. British Medical Journal, 28 May 1983.

RHIND,D.(Editor) A Census User's Handbook. Methuen, 1983.

SCOTT-SAMUEL,A. Need for primary health care: an objective indicator. British Medical Journal, 11 February 1984.

#### ABOUT THE AUTHORS

Peter Rice is an analyst/programmer. In May 1984 he left the London School of Economics to join Professor Jarman at the Department of General Practice at St Mary's Hospital Medical School. He continues to work on census data, but his main interest now is in enabling patients to find out about welfare benefits, via the use of microcomputers.

Doreen Irving is a lecturer in social administration at the London School of Economics, and was previously a statistician at the North East Thames Regional Health Authority.

Gillian Davies is a recent graduate of the London School of Economics who worked on this project as a research assistant before joining the University of Surrey as an assistant to the research committee.

King's Fund



54001000041510



0 048572 020000

