

**Ethnicity and household headship rates
from the 1991 Census:
availability of national and local data**

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Summary

This paper describes information available from the 1991 Census about household structure, as measured by the Department of the Environment (DoE) classification of household membership, cross-classified with age, sex, marital status and ethnic group.

These data are introduced and discussed from the viewpoint of forecasting numbers of households. They also illuminate household structure in a more general way.

The data with an ethnic group dimension are available from two sources: commissioned tables from the 10% Census database, and the 1% household Sample of Anonymised Records (SAR). Their content is described and example analyses provided.

1 Household heads and household representatives

On behalf of the DoE, the Building Research Establishment (BRE) has developed a new family and household membership classification, from which it derives a new household head classification.

The BRE derives a representative person from each household in a way that does not depend on the person who is named or implied as head on the census form. It uses rules related to the age, sex and marital status of each individual in a household, so that for example, in a couple household the male is always designated the household representative. The idea is to provide a consistent basis for allocating household heads which does not depend on the respondents order of listing.

The categories of household membership (shown in detail later, in Table 2) identify whether there is a family within a household, a married or cohabiting couple, or a lone parent. The eldest male in a couple is its representative. Households with no family are designated either one person households or multi-person households. In a household with more than one family, the eldest male in a couple (or eldest lone parent if no couples) is designated the household representative, and the other family or families are termed concealed families. Concealed families have particular importance for planning purposes as they are generally taken to represent an important source of unmet housing need. Further definition and discussion of the household membership categories is given in DoE (1995).

Other Census information on household and family structure in relationship to ethnic group is presented by Mike Murphy (1996). Family formation and ethnicity has also been studied from the national Labour Force Survey (Berrington, 1994). A range of other household membership variables have been developed by the Census Microdata Unit for the household SAR (see SARs newsletter issues 5).

2 Headship rates and household forecasts

The BRE work has been developed for use as headship rates in the latest projections of the number of households in sub-national areas published by Department of Environment (DoE 1995). The BRE classification and forecast of households is key to the statutory planning functions of local authorities in England. The Council for the Protection of Rural England (1994) gives a good summary account both of the technical construction of the forecast and its use in planning.

A headship rate is the proportion of a specified population group which heads a specified type of household. For the purposes of the DoE's projection of future numbers of households, the population groups are defined by sex, marital status, and age. Thus for example the proportion of female, married 20-24 year olds who head lone parent households is calculated. The information is derived from relationships within each household as coded on the 10% sample of 1991 Census records.

Headship rates for population subgroups are an essential ingredient of much household projection work in Britain. A general theory of headship rates is set out by Mike Murphy (1991), and their use in the forecasting context is described in a textbook by Bryan Field and Brian MacGregor (1987).

In general a headship rate for population group g and household type h is forecast for year t , separately from a forecast of the population in households for group g and year t . The forecast number of households of type h is then simply the product of the population and the headship rate, and is summed over population groups. Household forecasts are calculated in this way because headship rates are thought to be more stable than the number of households itself, particularly when calculated for population groups rather than for the population as a whole.

3 Availability and content of the BRE household classification

No published table from the 1991 Census contains details of household membership and headship rates as developed by the BRE. Instead, they are available in three ways, as shown in the first columns of Table 1.

First, the tabulations output from the DoE's own work, with no ethnic group dimension, can be requested directly from the BRE. DoE (1995) contains details only for England as a whole. The original census tabulations used for the DoE work may also be available from the BRE.

Second, the City of Bradford Metropolitan Council (CBMC) has commissioned the same tables as BRE from the Census but with an extra dimension of ethnic group, for Bradford and for West Yorkshire. These can now be ordered for other areas from the census offices.

Third, BRE has deposited their classification of household membership as it applies to the 1% household Sample of Anonymised Records (SAR) with the Census Microdata Unit at Manchester University. These allow headship rates to be estimated for population subgroups defined by any variables on the SAR, including ethnic group.

The fourth column shows the categories used by CBMC to estimate headship rates for each ethnic group. These are applied to the Council's population forecasts (Simpson and Ratcliffe, 1996). The categories are coarse because the sample sizes are small for some ethnic groups and when restricted to a single region of Britain. The categories are therefore for 15-year age groups in six ethnic group categories; they are not subdivided by marital status.

4 Examples of ethnic group headship rates

4.1 National and local headship rates

The six CBMC ethnic group categories have been used to display ethnic group headship rates from the two census datasets in the tables and figures that follow, as follows:

From the 10% sample 1991 census commissioned tables:

Bradford Table 3 and Figure 1

West Yorkshire Table 4

From the 1% sample 1991 census household SAR:

England and Wales Table 5 and Figure 2

Yorkshire and Humberside Table 6

Even for England and Wales the sample is very small in some population groups, for example elderly Pakistani and Bangladeshi. The Figures 1 and 2 show only headship rates which are based on 10 or more people in the relevant sample.

4.2 Interpretation: South Asian 'concealed families'

Differences between the ethnic groups are considerable. As an example, we concentrate on one feature of importance in Bradford, the larger South Asian households which are shown in the Tables and Figures by relatively low total headship rates at ages under 45 and over 60. Some of these larger households contain no more than one family, as occurs when children do not leave the parental household until they marry, when a parent stays with their adult children, or when multi-person households arise from several adults living together, none of them as couples.

But larger South Asian households often involve more than one family, showing as relatively high rates of 'concealed families' in the headship rates. Nearly one in ten young men of South Asian origin have a family of their own, but live with another family.

Such concealed families, according to traditional town planning, indicate unmet housing need. However this assumption that every family desires a separate dwelling is informed by the white population's preferences. In South Asian communities 'concealed families' sometimes indicate a *preference* for extended households, requiring relatively large dwellings. If this were not so, one might expect that the Indian population, more prosperous than the Pakistani and Bangladeshi populations in Bradford and nationally, would have afforded the one-family per dwelling norm of the white community. On the contrary, the 'concealed family' rate is similar among all three South Asian populations, between 6 and 10% for both Indians and Pakistanis aged under 45 in England and Wales, compared with under 1% for the White population.

The relationship between preferred and actual living circumstances is dependent on the availability of housing and its affordability, as well as the dynamics of social development among individuals whose preferences may conflict as well as change over time. It is nonetheless a question of central importance for planning and housing authorities, and therefore requires special surveys going beyond census output (eg. Ratcliffe, 1996).

Contacts

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Census Customer Services. Office for National Statistics, Segensworth Road, Titchfield, Fareham, Hants PO15 5RR. Tel: 01329 842511. Contact: Nicky Collins.

Census Microdata Unit. Centre for Census and Survey Research, University of Manchester, Dover Street, Manchester M13 9PL. Tel: 0161 275 4721. Contact: Tracey Schofield (access to SARs) and Clare Holdsworth (household classifications).

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Table 1 **Availability of datasets using the household membership variable developed by the BRE**

	1991 census commissioned tables (tabulations from the 10% census database)	BRE household projections (tabulations)	1991 census household SAR (census records for a 1% sample of households and residents in them)	CBMC household forecasts (tabulations)
Reference year	1991	1971, 1981, 1991, 1992, projections 1993-2016	1991	1991, projections 1992-2011
Geography of tabulations	Can be commissioned for any census geography in GB. CBMC has Bradford and West Yorkshire only	Metropolitan Districts and Shire Counties of England (as at 1992)	Standard Regions in GB	Bradford only
Cost	Approximately £200 for one District, reductions for further areas.	£10 per area	Bought by ESRC, thus free for academic research. £1,000+VAT for others. Apply to the Census Microdata Unit.	Media cost.
Other variables cross-classified with household membership	Grouped age (5-year bands 15-19 to 95-99, and 100+) Sex (male, female) Marital status (single, married (1st marriage), remarried, divorced, widowed) Ethnic group (10 categories)	Grouped age (5-year bands 15-19 to 80-84, and 85+) Sex (male, female) Marital status (single, married, divorced, widowed) <i>Not ethnic group.</i>	All variables available on the household SAR: very flexible For example, ethnic group, single years of age, tenure.	Grouped age (15 year bands 15-29 to 60-74, and 75+) Sex (male, female) Ethnic group (6 categories: 3 Black categories combined; Chinese and two Other categories combined)
Number of household type or membership categories (see Table 2)	13	11	11 Plus "no residents in household" (2% of records) and "missing" (less than 0.05%).	7

Table 2 Household membership: categories

	Census commissioned tables 13 categories of people in households	BRE and SAR 11 categories of people in households	CBMC 7 categories of households and concealed families
	A household is unconcealed where not specified otherwise		
1	UMCH Married couple household head	UMCR Married couple representative	UMC Married couple
2	UCCH Cohabiting couple household head	UCCR Cohabiting couple representative	UCC Cohabiting couple
3	ULPH wdc Lone parent household head with dependent children	ULPR Lone parent representative	ULP Lone parent
4	ULPH wndc Lone parent household head with non-dependent children only	OMPR Other multi-person representative	OMP Other multi-person
5	OPH One person household head	OPR One person representative	OP One person
6	OthH Other household head	OMPR (as above)	OMP (as above)
7	CMCH Concealed married couple family head	CMCR Concealed married couple representative	CC Concealed couple
8	CCCH Concealed cohabiting couple family head	CCCR Concealed cohabiting couple representative	CC (as above)
9	CLPH wdc Concealed lone parent family head with dependent children	CLPR Concealed lone parent representative	CLP Concealed lone parent
10	CLPH wndc Concealed lone parent family head with non-dependent children only	ON Other non-representative	N not a family or household head: not shown
11	MCWNH Married couple wife non-head	MCWN Married couple wife non-representative	N (as above)
12	CFNH Cohabiting female non-head	CFN Cohabiting female non-representative	N (as above)
13	ONH Other non-head	ON (as above)	N (as above)

TABLE 3. w:\hhfore\centab\hhsecnb.wk3 - Bradford headship rates, 10% 1991 Census sample

Age Group	Sex	Ethnic Group	Sample Size	Headship Rate - Household Types					Total Unc.	CC	Total	
				UMC	UCC	ULP	OMP	OP			CLP	sealed
15-29	M	White	3916	17.3	10.1	0.2	2.4	6.7	36.7	0.3	0.2	0.4
		Black	70	5.7	15.7	0.0	5.7	14.3	41.4	0.0	0.0	0.0
		Indian	145	23.4	0.7	0.0	1.4	4.1	29.7	9.7	0.0	9.7
		Pakistani	564	17.6	0.5	0.2	0.7	1.6	20.6	11.7	0.0	11.7
		Bangladeshi	43	2.3	0.0	0.0	0.0	2.3	4.7	16.3	0.0	16.3
		Other	45	22.2	6.7	0.0	4.4	6.7	40.0	2.2	2.2	4.4
	F	White	4029	0.0	0.0	9.2	0.6	4.1	13.9	0.0	1.8	1.8
		Black	84	0.0	0.0	16.7	1.2	14.3	32.1	0.0	0.0	0.0
		Indian	161	0.0	0.0	3.1	0.6	2.5	6.2	0.0	0.0	0.0
		Pakistani	579	0.0	0.0	1.2	0.3	0.7	2.2	0.0	1.6	1.6
		Bangladeshi	46	0.0	0.0	0.0	0.0	2.2	2.2	0.0	0.0	0.0
		Other	75	0.0	0.0	9.3	2.7	6.7	18.7	0.0	0.0	0.0
30-44	M	White	3998	69.1	9.0	1.1	2.1	10.3	91.5	0.1	0.1	0.2
		Black	36	55.6	16.7	2.8	2.8	19.4	97.2	0.0	0.0	0.0
		Indian	136	84.6	1.5	0.0	0.0	1.5	87.5	9.6	0.0	9.6
		Pakistani	404	83.4	0.5	1.0	0.5	4.5	89.9	5.4	1.0	6.4
		Bangladeshi	13	84.6	0.0	0.0	7.7	0.0	92.3	7.7	0.0	7.7
		Other	60	66.7	5.0	0.0	5.0	10.0	86.7	1.7	0.0	1.7
	F	White	4062	0.0	0.0	11.3	1.8	4.9	17.9	0.0	0.3	0.3
		Black	44	0.0	0.0	27.3	6.8	9.1	43.2	0.0	0.0	0.0
		Indian	125	0.0	0.0	5.6	2.4	2.4	10.4	0.0	0.0	0.0
		Pakistani	379	0.0	0.0	6.3	0.3	1.6	8.2	0.0	0.3	0.3
		Bangladeshi	27	0.0	0.0	11.1	0.0	0.0	11.1	0.0	0.0	0.0
		Other	47	0.0	0.0	12.8	0.0	2.1	14.9	0.0	0.0	0.0
45-59	M	White	3013	78.1	3.8	0.8	3.3	9.9	95.8	0.1	0.0	0.1
		Black	40	55.0	12.5	5.0	2.5	22.5	97.5	0.0	0.0	0.0
		Indian	62	91.9	0.0	1.6	3.2	1.6	98.4	1.6	0.0	1.6
		Pakistani	206	85.4	1.0	1.9	1.0	6.3	95.6	0.5	0.0	0.5
		Bangladeshi	25	80.0	0.0	0.0	4.0	12.0	96.0	0.0	0.0	0.0
		Other	14	85.7	0.0	0.0	7.1	7.1	100.0	0.0	0.0	0.0
	F	White	3158	0.0	0.0	2.1	7.0	10.1	19.3	0.0	0.0	0.0
		Black	35	0.0	0.0	5.7	28.6	11.4	45.7	0.0	0.0	0.0
		Indian	62	0.0	0.0	1.6	3.2	8.1	12.9	0.0	0.0	0.0
		Pakistani	200	0.0	0.0	7.0	2.5	2.5	12.0	0.0	4.0	4.0
		Bangladeshi	19	0.0	0.0	5.3	0.0	0.0	5.3	0.0	5.3	5.3
		Other	15	0.0	0.0	6.7	6.7	6.7	20.0	0.0	0.0	0.0
60-74	M	White	2544	76.5	1.0	0.0	4.3	16.9	98.6	0.0	0.0	0.0
		Black	22	63.6	0.0	0.0	13.6	18.2	95.5	0.0	0.0	0.0
		Indian	42	85.7	0.0	0.0	0.0	2.4	88.1	2.4	0.0	2.4
		Pakistani	97	74.2	0.0	1.0	3.1	8.2	86.6	1.0	2.1	3.1
		Bangladeshi	14	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
		Other	10	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
	F	White	3065	0.0	0.0	0.1	5.4	34.2	39.7	0.0	0.0	0.0
		Black	11	0.0	0.0	0.0	9.1	18.2	27.3	0.0	0.0	0.0
		Indian	30	0.0	0.0	0.0	0.0	6.7	6.7	0.0	0.0	0.0
		Pakistani	44	0.0	0.0	2.3	2.3	6.8	11.4	0.0	4.5	4.5
		Bangladeshi	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	7	0.0	0.0	14.3	0.0	14.3	28.6	0.0	0.0	0.0
75+	M	White	824	60.2	0.1	0.0	5.3	31.4	97.1	0.0	0.0	0.0
		Black	3	33.3	0.0	0.0	0.0	66.7	100.0	0.0	0.0	0.0
		Indian	7	28.6	0.0	0.0	0.0	42.9	71.4	0.0	0.0	0.0
		Pakistani	7	57.1	0.0	0.0	0.0	14.3	71.4	0.0	0.0	0.0
		Bangladeshi	1	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0
		Other	1	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
	F	White	1711	0.0	0.0	0.1	7.1	63.5	70.8	0.0	0.0	0.0
		Black	5	0.0	0.0	0.0	0.0	80.0	80.0	0.0	0.0	0.0
		Indian	3	0.0	0.0	0.0	0.0	33.3	33.3	0.0	0.0	0.0
		Pakistani	6	0.0	0.0	0.0	16.7	0.0	16.7	0.0	0.0	0.0
		Bangladeshi	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	0						0.0			0.0

TABLE 4. w:\hhfore\centab\hhsecnw.wk3 - West Yorkshire headship rates, 10% 1991 census sample

Age Group	Sex	Ethnic Group	Sample Size	Headship Rate - Household Types					Total		
				UMC	UCC	ULP	OMP	OP	Total Unc.	CC	Total CLP sealed
15-29	M	White	19451	19.2	10.5	0.2	2.2	7.0	39.1	0.3	0.1
		Black	335	7.8	11.3	0.0	5.1	17.3	41.5	0.0	0.0
		Indian	431	20.2	0.7	0.0	2.1	3.2	26.2	10.0	0.0
		Pakistani	976	18.6	0.5	0.1	0.7	1.8	21.8	11.5	0.0
		Bangladeshi	65	3.1	0.0	0.0	0.0	1.5	4.6	15.4	0.0
		Other	228	11.8	3.9	0.0	6.1	9.6	31.6	2.2	0.4
	F	White	19664	0.0	0.0	7.5	0.7	4.5	12.7	0.0	1.3
		Black	395	0.0	0.0	19.5	1.3	10.9	31.6	0.0	2.0
		Indian	464	0.0	0.0	1.1	0.2	2.6	3.9	0.0	0.4
		Pakistani	1057	0.0	0.0	1.2	0.2	1.0	2.5	0.0	1.8
		Bangladeshi	71	0.0	0.0	0.0	1.4	1.4	2.8	0.0	1.4
		Other	265	0.0	0.0	6.0	3.8	5.7	15.5	0.0	1.9
30-44	M	White	19141	70.8	8.1	1.1	1.9	9.5	91.5	0.2	0.1
		Black	184	47.8	13.6	3.8	3.8	19.6	88.6	0.0	0.0
		Indian	420	86.7	0.7	0.7	0.5	2.1	90.7	6.9	0.0
		Pakistani	717	84.4	0.6	1.1	0.8	3.9	90.8	4.5	0.7
		Bangladeshi	17	88.2	0.0	0.0	5.9	0.0	94.1	5.9	0.0
		Other	224	74.1	4.0	0.9	4.0	8.5	91.5	0.9	0.4
	F	White	19466	0.0	0.0	9.8	1.8	4.8	16.5	0.0	0.3
		Black	184	0.0	0.0	25.5	4.9	10.3	40.8	0.0	0.5
		Indian	389	0.0	0.0	4.4	1.3	1.0	6.7	0.0	0.3
		Pakistani	686	0.0	0.0	7.0	0.6	0.9	8.5	0.0	0.3
		Bangladeshi	43	0.0	0.0	11.6	0.0	0.0	11.6	0.0	2.3
		Other	189	0.0	0.0	7.4	2.1	4.2	13.8	0.0	0.5
45-59	M	White	15008	78.5	3.7	0.7	3.3	10.0	96.3	0.1	0.0
		Black	212	60.8	8.0	3.3	4.7	20.8	97.6	0.0	0.0
		Indian	209	91.9	0.5	1.0	1.4	2.9	97.6	0.5	0.0
		Pakistani	405	86.7	0.5	1.5	2.0	6.2	96.8	0.2	0.2
		Bangladeshi	41	87.8	0.0	0.0	2.4	7.3	97.6	0.0	0.0
		Other	68	83.8	0.0	0.0	2.9	13.2	100.0	0.0	0.0
	F	White	15342	0.0	0.0	1.9	5.9	9.9	17.7	0.0	0.0
		Black	182	0.0	0.0	5.5	21.4	12.1	39.0	0.0	0.0
		Indian	186	0.0	0.0	2.7	2.7	3.8	9.1	0.0	0.5
		Pakistani	349	0.0	0.0	5.4	2.3	1.7	9.5	0.0	2.9
		Bangladeshi	32	0.0	0.0	12.5	0.0	0.0	12.5	0.0	6.3
		Other	53	0.0	0.0	5.7	3.8	9.4	18.9	0.0	0.0
60-74	M	White	12038	77.7	1.3	0.0	3.7	15.7	98.5	0.0	0.0
		Black	101	60.4	3.0	0.0	8.9	25.7	98.0	0.0	0.0
		Indian	103	76.7	0.0	1.0	1.9	7.8	87.4	1.0	0.0
		Pakistani	158	75.3	0.0	1.9	2.5	8.9	88.6	1.3	1.9
		Bangladeshi	21	90.5	0.0	0.0	0.0	4.8	95.2	0.0	0.0
		Other	25	68.0	0.0	0.0	4.0	20.0	92.0	0.0	0.0
	F	White	14490	0.0	0.0	0.1	5.4	33.6	39.1	0.0	0.0
		Black	63	0.0	0.0	1.6	17.5	15.9	34.9	0.0	0.0
		Indian	79	0.0	0.0	1.3	3.8	10.1	15.2	0.0	0.0
		Pakistani	71	0.0	0.0	4.2	2.8	5.6	12.7	0.0	4.2
		Bangladeshi	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	22	0.0	0.0	4.5	4.5	27.3	36.4	0.0	0.0
75+	M	White	4016	61.1	0.4	0.0	5.0	31.1	97.7	0.0	0.0
		Black	8	50.0	0.0	0.0	0.0	50.0	100.0	0.0	0.0
		Indian	17	29.4	0.0	0.0	11.8	17.6	58.8	0.0	0.0
		Pakistani	10	50.0	0.0	0.0	0.0	10.0	60.0	0.0	0.0
		Bangladeshi	1	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0
		Other	4	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
	F	White	7965	0.0	0.0	0.1	7.4	63.4	70.8	0.0	0.0
		Black	11	0.0	0.0	0.0	9.1	72.7	81.8	0.0	0.0
		Indian	15	0.0	0.0	0.0	6.7	20.0	26.7	0.0	0.0
		Pakistani	8	0.0	0.0	0.0	12.5	0.0	12.5	0.0	0.0
		Bangladeshi	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Other	5	0.0	0.0	0.0	20.0	20.0	40.0	0.0	0.0

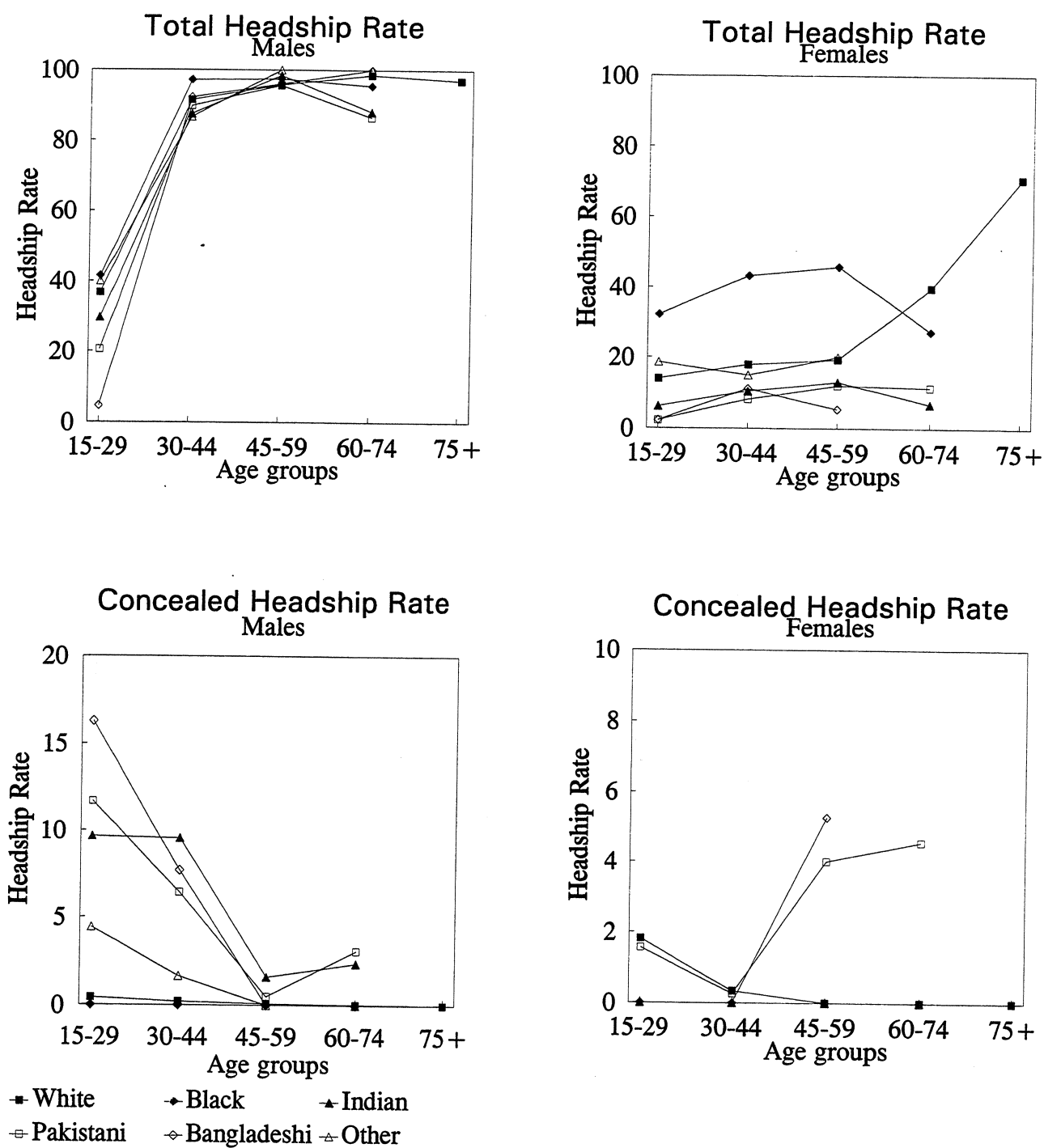
TABLE 5. w:\hhfore\sar\hhsesar.wk3 - England and Wales headship rates, 1% 1991 census sample

Age Group	Sex	Ethnic Group	Sample Size	Headship Rate - Household Types					Total Unc.	CC	Total	
				UMC	UCC	ULP	OMP	OP			CLP	Sealed
15-29	M	White	48505	17.9	9.9	0.2	2.9	6.1	37	0.4	0.1	0.5
		Black	1196	9.4	9.2	1	6.4	11.1	37.1	0.6	0.4	1
		Indian	1003	16.1	1.4	0.1	2.3	3.3	23.2	7.7	0.1	7.8
		Pakistani	532	15.6	0.8	0.2	2.1	2.6	21.3	8.6	0	8.6
		Bangladeshi	167	10.2	1.2	0	1.2	2.4	15	3.6	0	3.6
		Other	773	12.7	3.2	0	7	9.8	32.7	1.6	0.3	1.9
	F	White	48960	0	0	6.4	0.9	4.1	11.4	0	1.3	1.3
		Black	1258	0	0	19.1	1.6	9.9	30.6	0	1.6	1.6
		Indian	1047	0	0	1.6	0.5	2.2	4.3	0	0.6	0.6
		Pakistani	556	0	0	1.1	0.5	0.7	2.3	0	0.5	0.5
		Bangladeshi	161	0	0	0	0.6	0	0.6	0	1.2	1.2
		Other	801	0	0	4.9	2.2	4.5	11.6	0	0.9	0.9
30-44	M	White	48282	70.2	7.9	1	2.4	9.5	91	0.3	0.1	0.4
		Black	765	49.2	11	2.2	6.9	14.8	84.1	0.2	0.3	0.5
		Indian	1013	78.7	1.6	0.8	1.4	3.6	86.1	9.2	0.2	9.4
		Pakistani	404	80.4	0.5	1	0.7	5.2	87.8	5.7	1	6.7
		Bangladeshi	105	81.9	1.9	0	1	4.8	89.6	4.8	1	5.8
		Other	700	71.3	3.1	0.9	3.4	12	90.7	1.6	0.1	1.7
	F	White	48960	0	0	8.9	1.7	5.1	15.7	0	0.3	0.3
		Black	888	0	0	30.3	3.6	10.4	44.3	0	0.7	0.7
		Indian	984	0	0	5.1	0.4	1.8	7.3	0	0.4	0.4
		Pakistani	418	0	0	9.6	1	1.7	12.3	0	0.5	0.5
		Bangladeshi	101	0	0	8.9	0	1	9.9	0	0	0
		Other	773	0	0	8.4	1.9	7.2	17.5	0	0.4	0.4
45-59	M	White	38760	79.7	3.5	0.7	3.3	8.8	96	0.1	0	0.1
		Black	567	60.3	6.3	2.1	6.9	20.5	96.1	0.6	0	0.6
		Indian	578	86.2	1	0.9	1.7	6.4	96.2	1.2	0.2	1.4
		Pakistani	272	83.5	1.8	1.5	1.8	5.1	93.7	0.4	0	0.4
		Bangladeshi	90	84.4	2.2	1.1	2.2	5.6	95.5	0	0	0
		Other	321	82.6	1.6	0.9	3.1	9	97.2	0.3	0	0.3
	F	White	39311	0	0	2.3	5.4	9.1	16.8	0	0	0
		Black	624	0	0	8.2	16.7	13.3	38.2	0	0.2	0.2
		Indian	531	0	0	2.6	4.9	2.8	10.3	0	0.4	0.4
		Pakistani	202	0	0	5	4.5	1.5	11	0	1.5	1.5
		Bangladeshi	63	0	0	7.9	3.2	1.6	12.7	0	4.8	4.8
		Other	335	0	0	7.5	9.3	9.6	26.4	0	0.3	0.3
60-74	M	White	30740	78.3	1.2	0.1	4	14.4	98	0	0	0
		Black	295	60.3	4.4	1	5.4	25.4	96.5	0.7	0	0.7
		Indian	243	87.2	0.4	0	0.8	6.2	94.6	0	0.4	0.4
		Pakistani	109	72.5	0.9	0	3.7	11	88.1	0	0.9	0.9
		Bangladeshi	42	78.6	2.4	4.8	7.1	2.4	95.3	0	0	0
		Other	113	73.5	1.8	0.9	8	15	99.2	0	0	0
	F	White	36348	0	0	0.1	5.5	30.5	36.1	0	0	0
		Black	237	0	0	2.1	16	31.6	49.7	0	0	0
		Indian	207	0	0	0	5.8	6.3	12.1	0	0	0
		Pakistani	53	0	0	3.8	3.8	5.7	13.3	0	1.9	1.9
		Bangladeshi	10	0	0	0	0	10	10	0	0	0
		Other	119	0	0	1.7	12.6	24.4	38.7	0	0	0
75+	M	White	11123	63	0.6	0	5.4	27.9	96.9	0	0	0
		Black	28	42.9	3.6	0	3.6	35.7	85.8	0	0	0
		Indian	40	62.5	0	0	7.5	2.5	72.5	0	0	0
		Pakistani	8	12.5	0	0	12.5	0	25	0	0	0
		Bangladeshi	3	66.7	0	0	0	33.3	100	0	0	0
		Other	22	54.5	0	0	9.1	27.3	90.9	0	0	0
	F	White	20037	0	0	0	8.1	59.6	67.7	0	0	0
		Black	41	0	0	2.4	19.5	53.7	75.6	0	0	0
		Indian	56	0	0	1.8	7.1	16.1	25	0	0	0
		Pakistani	5	0	0	0	0	0	0	0	0	0
		Bangladeshi	1	0	0	0	0	0	0	0	0	0
		Other	35	0	0	2.9	20	20	42.9	0	0	0

TABLE 6, w:\hhfore\sar\hhsesary.wk3 - Yorkshire and Humberside headship rates,
1% 1991 Census sample

Age Group	Sex	Ethnic Group	Sample Size	Headship Rate - Household Types								Total		
				UMC	UCC	ULP	OMP	OP	Total Unc.	CC	CLP	Total Sealed		
15-29	M	White	4749	19.2	10.3	0.2	2.2	6	37.9	0.2	0.2	0.4		
		Black	61	9.8	9.8	0	1.6	18	39.2	0	1.6	1.6		
		Indian	59	13.6	0	0	1.7	3.4	18.7	11.9	0	11.9		
		Pakistani	89	13.5	0	0	4.5	3.4	21.4	16.9	0	16.9		
		Bangladeshi	3	0	0	3	0	0	3	0	0	0		
		Other	49	12.2	2	0	4.1	10.2	28.5	4.1	0	4.1		
	F	White	4780	0	0	7.1	0.6	3.5	11.2	0	1.4	1.4		
		Black	54	0	0	14.8	0	16.7	31.5	0	3.7	3.7		
		Indian	48	0	0	2.1	0	2.1	4.2	0	0	0		
		Pakistani	121	0	0	0.8	0.8	1.7	3.3	0	0.8	0.8		
		Bangladeshi	5	0	0	0	0	0	0	0	0	0		
		Other	58	0	0	3.4	6.9	5.2	15.5	0	0	0		
	30-44	M	White	4815	71.7	8	0.9	1.7	9	91.3	0.1	0.1	0.2	
			Black	28	39.3	17.9	0	7.1	28.6	92.9	0	0	0	
Indian			43	72.1	2.3	4.7	0	2.3	81.4	16.3	0	16.3		
Pakistani			91	79.1	0	0	1.1	4.4	84.6	6.6	2.2	8.8		
Bangladeshi			2	50	0	0	50	0	100	0	0	0		
Other			56	62.5	3.6	1.8	1.8	16.1	85.8	1.8	0	1.8		
F		White	4774	0	0	9.1	1.7	4.2	15	0	0.3	0.3		
		Black	32	0	0	25	3.1	9.4	37.5	0	0	0		
		Indian	44	0	0	4.5	0	0	4.5	0	0	0		
		Pakistani	71	0	0	5.6	1.4	0	7	0	0	0		
		Bangladeshi	3	0	0	0	0	0	0	0	0	0		
		Other	45	0	0	2.2	2.2	2.2	6.6	0	0	0		
45-59		M	White	3801	81.2	2.9	0.6	2.8	9.4	96.9	0	0	0	
			Black	30	70	10	3.3	0	16.7	100	0	0	0	
	Indian		28	89.3	0	3.6	0	3.6	96.5	0	0	0		
	Pakistani		45	82.2	0	2.2	0	11.1	95.5	0	0	0		
	Bangladeshi		3	66.7	0	0	0	33.3	100	0	0	0		
	Other		13	84.6	0	0	7.7	7.7	100	0	0	0		
	F	White	3872	0	0	2	4.7	9	15.7	0	0.1	0.1		
		Black	33	0	0	3	18.2	15.2	36.4	0	0	0		
		Indian	17	0	0	5.9	5.9	0	11.8	0	0	0		
		Pakistani	37	0	0	0	0	0	0	0	2.7	2.7		
		Bangladeshi	3	0	0	0	0	0	0	0	0	0		
		Other	17	0	0	11.8	0	11.8	23.6	0	0	0		
	60-74	M	White	3087	79.7	1.4	0	3.1	13.9	98.1	0	0	0	
			Black	13	76.9	7.7	0	0	15.4	100	0	0	0	
Indian			13	92.3	0	0	0	0	92.3	0	0	0		
Pakistani			22	77.3	0	0	0	13.6	90.9	0	0	0		
Bangladeshi			4	75	0	0	0	25	100	0	0	0		
Other			7	42.9	0	0	14.3	42.9	100.1	0	0	0		
F		White	3684	0	0	0.1	4.9	32.5	37.5	0	0	0		
		Black	10	0	0	0	10	30	40	0	0	0		
		Indian	11	0	0	0	0	0	0	0	0	0		
		Pakistani	9	0	0	11.1	0	0	11.1	0	11.1	11.1		
		Bangladeshi	1	0	0	0	0	0	0	0	0	0		
		Other	4	0	0	0	0	0	0	0	0	0		
75 +		M	White	1030	0	0	0	5.8	31.5	37.3	0	0	0	
			Black	0	0	0	0	0	0	0	0	0	0	
	Indian		1	0	0	0	0	0	0	0	0	0		
	Pakistani		2	0	0	0	0	0	0	0	0	0		
	Bangladeshi		0	0	0	0	0	0	0	0	0	0		
	Other		0	0	0	0	0	0	0	0	0	0		
	F	White	1956	0	0	0	6.7	64	70.7	0	0	0		
		Black	0	0	0	0	0	0	0	0	0	0		
		Indian	2	0	0	0	0	50	50	0	0	0		
		Pakistani	0	0	0	0	0	0	0	0	0	0		
		Bangladeshi	0	0	0	0	0	0	0	0	0	0		
		Other	2	0	0	0	0	0	0	0	0	0		

Figure 1. Headship rates for Bradford (1991 Census, 10% sample) Part 1/3



In these figures, the headship rate has been plotted only when based on a sample of ten or more people. The rates and sample sizes are shown in Tables 3-6.

Figure 1. Headship rates for Bradford (1991 Census, 10% sample) Part 2/3

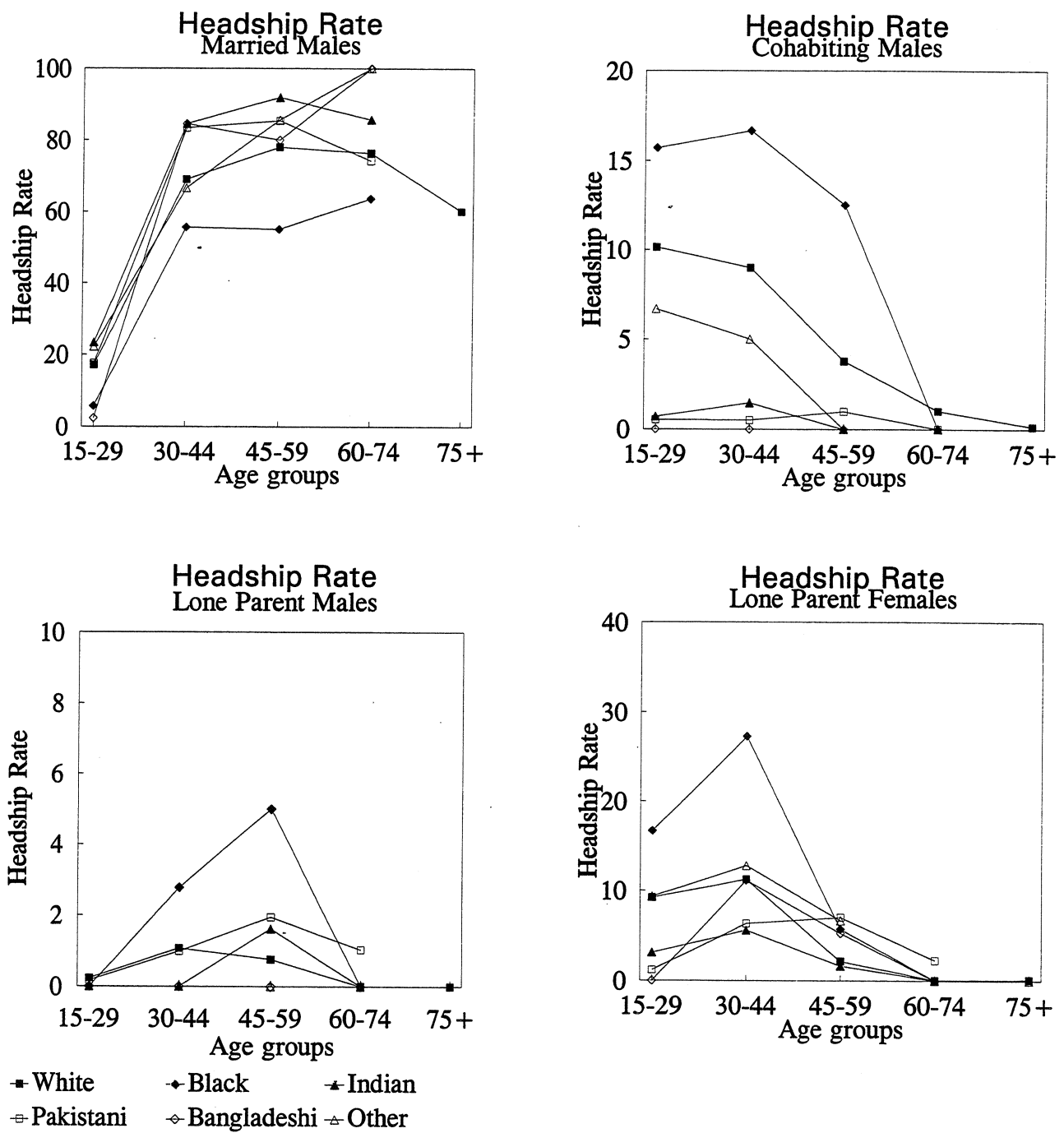


Figure 1. Headship rates for Bradford (1991 Census, 10% sample) Part 3/3

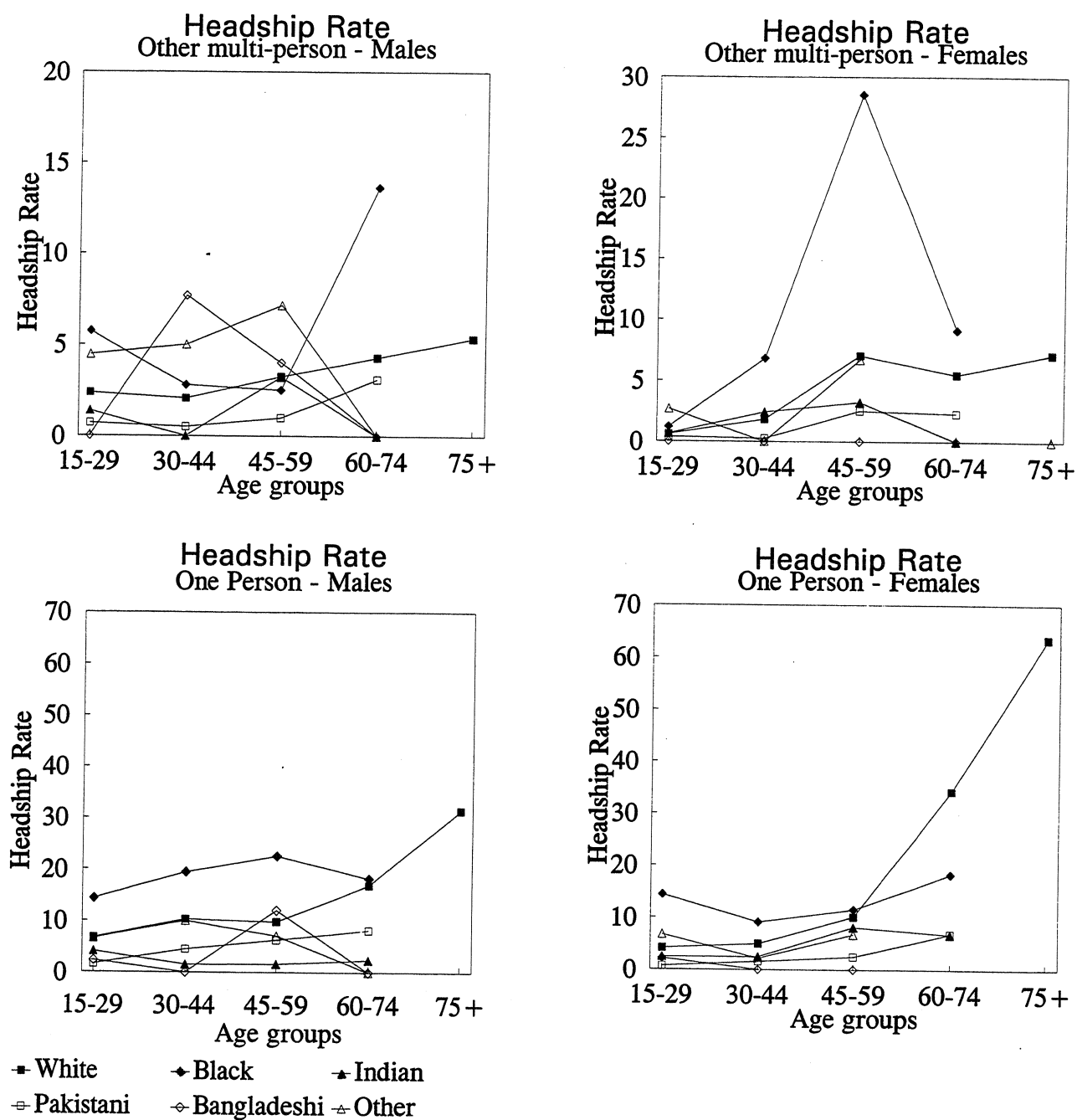


Figure 2. Headship rates for England and Wales (1991 Census, 1% sample) Part 1/3

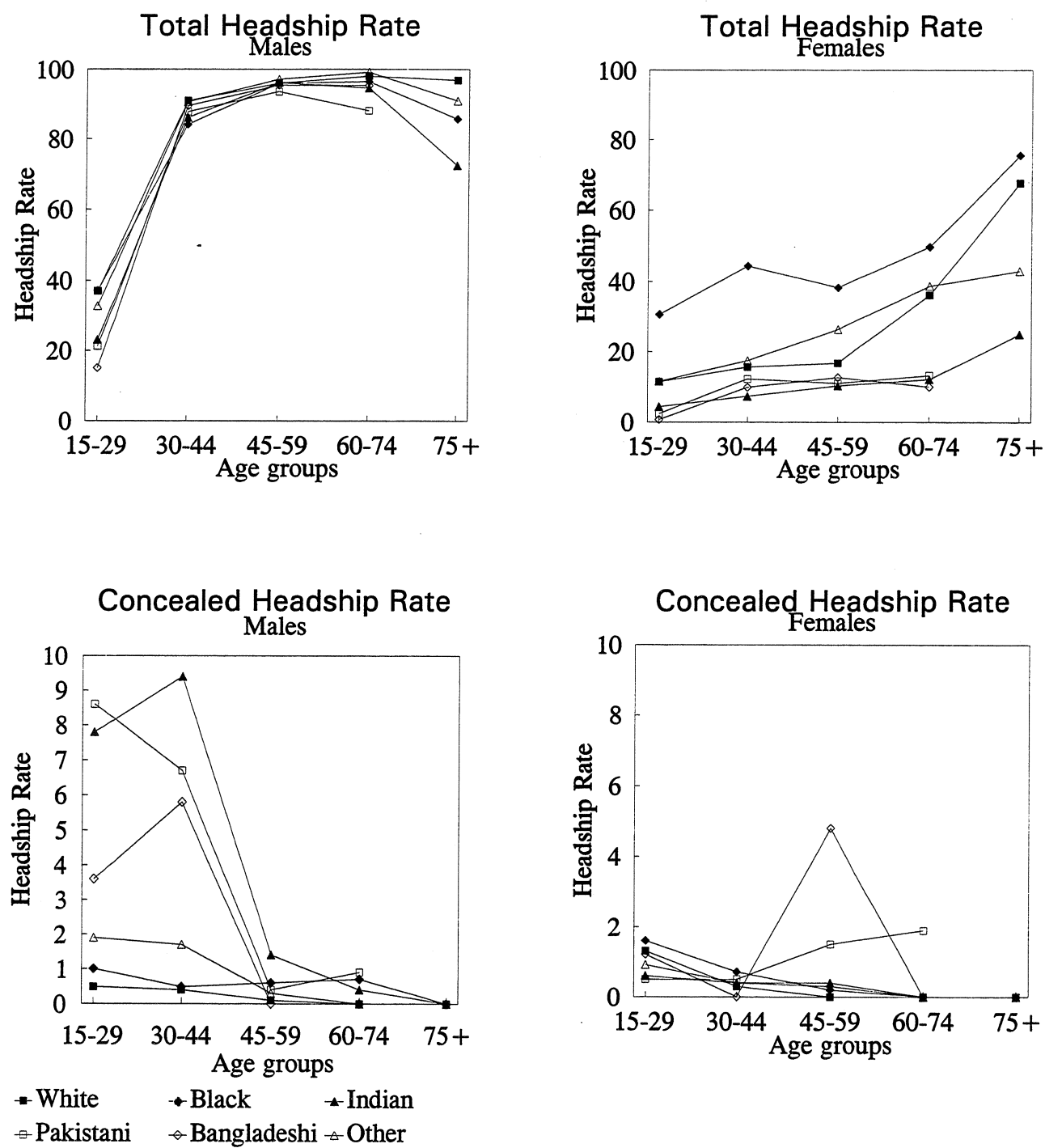


Figure 2. Headship rates for England and Wales (1991 Census, 1% sample) Part 2/3

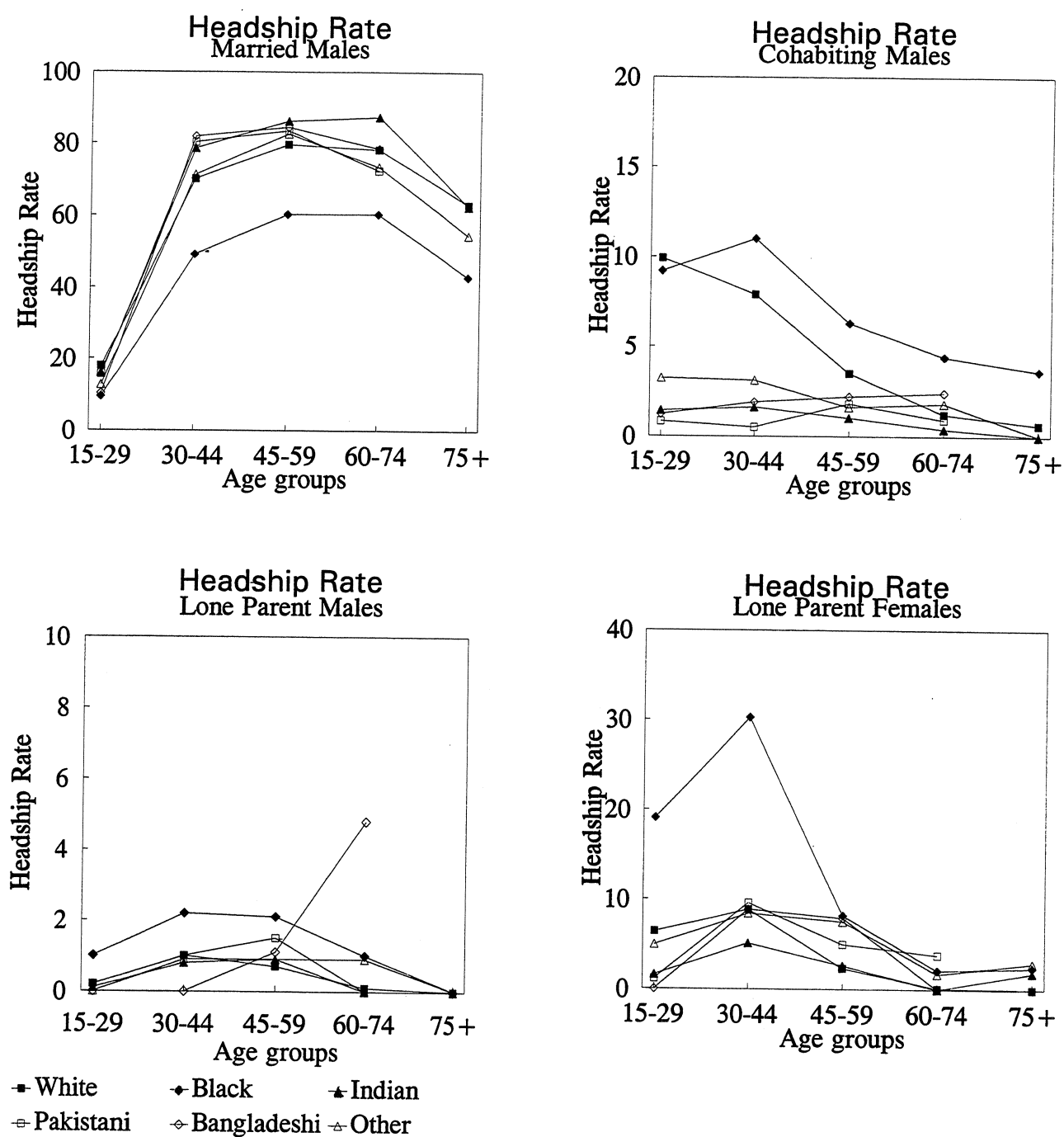


Figure 2. Headship rates for England and Wales (1991 Census, 1% sample) Part 3/3

