

## Data Management and Analysis Group

### Census Information Note CIN 2007-1



# **DMAG Briefing 2007-11**

**October 2007**

## **Census Information Note 2007-1**

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## **DMAG News**

Gareth Piggott has moved from the Census Team to the General Statistics Team and now leads the team working on Focus on London, elections and other projects such as compendia. Gareth has been replaced in the Census Team by Richard Cameron.

Other DMAG recruits since the last Census Information Note include LASS (London Analysts Support Site) which is a group specialising in developing, providing access to, and analysing a database of crime and disorder incidents. They were previously sited at the Government Office for London and joined the GLA earlier this year.

DMAG has now moved from the fifth to the second floor at City Hall. For those of you who visit occasionally we are now located in part of what was previously the Research Library. The Library (now known as Information Services) are very much still here but with slightly less space for books.

## **2011 Census timetable**

It may seem a long way off but the 2011 Census is fast approaching. There will be much continued consultation and testing over the next two years. Then there will be a complete rehearsal of the full census system in 2009, which is the next major test. This will be followed by various stages of legislation:

2011 Census White Paper  
The Census Order  
The Census Regulations

These will be explained in more detail nearer the time and we will expand on this with a more detailed timetable on our own plans as they develop.

## **2011 Census consultations**

### *Second disability consultation*

There has recently been a second consultation on disability, which follows up the earlier consultation on topics and presents four specific new options. The GLA was not very keen on any of the four options (just for a change) and suggested splitting illness and disability into two separate questions. The date for submissions has now passed and we await decisions by ONS.

### *ONS response on the geography consultation*

ONS have recently published their response to the earlier consultation on geography for 2011 and announced their decision to adopt output areas and lower layer super output areas as the geographical base for the 2011 Census. The paper is available to download from the GLA extranet under the 2011 Census consultations. The implications of this decision for local authorities include the downgrading of ward level data to a second geography, which is currently not allowed. We hope that arrangements will be agreed whereby we can get a set of ward level data. This could be produced if the disclosure control policy is changed to allow a second geography or if special license conditions can be agreed to allow us to have access to ward level tables. Watch this space for more news.

### *Statistical disclosure control (SDC) policy*

One of the next likely issues for consultation is the disclosure control (SDC) policy which is currently under review. As you may well remember, a last minute decision to introduce rounding to all tabulations at a very late stage in discussions about the 2001 Census output caused a lot of ill feeling and substantially damaged some of the 2001 Census outputs. We hope to avoid this with the 2011 Census and await developments with interest. The SDC policy takes on even more significance in the light of the decision on geography in the 2011 Census reported above.

### *Topic consultation*

ONS are not yet in a position to decide which questions will be included in the 2011 form. The responses on particular topics received by ONS have been summarised and these papers are available to download from:

[http://www.statistics.gov.uk/about/consultations/2011Census\\_response.asp](http://www.statistics.gov.uk/about/consultations/2011Census_response.asp)

## **2011 Census Test - May 2007**

The main objectives of the test were to:

Assess the effect on response of the inclusion of an income question; and the use of post out as well as post back

Assess the feasibility of outsourcing the field staff recruitment, pay and training; developing a system that will allow tracking of individual forms; development of an address list and address checking procedures

A few points arising so far from the test:

Response rates were not as low as might have been expected given that the test was voluntary. Around 32 per cent of forms had been returned by 15th July in Camden, 42 per cent in Liverpool, and between 52 and 62 per cent in all other areas. No one address list was the best in all areas and ONS are planning for a 100 per cent address check in 2011 over a four to six month period. Hand delivery generally resulted in a slightly higher initial return rate for forms but it is felt that the extra initial response (a few percentage points) does not justify the extra cost and the money would be better spent (and the difference made up) by a more targeted follow-up. Forms which included an income question had a lower initial response than those without but the difference appears to be something in the region of 2 percentage points in all areas. The significance of this is not yet clear and we await further consideration of it by ONS. The decision on whether or not to include an income question will depend on a number of things including the demand for other questions and the competition for space on the census form.

We expect that there will be four publications based on the 2007 Census Test. These are:

Statistical Evaluation of the 2007 Census Test  
2007 Census Test - Evaluation of the delivery method  
2007 Census Test - Evaluation of the income question  
Evaluation of the 2007 Census Test - Summary Report.

For further information and if you have access to the GLA extranet then copies of the slides used by ONS to report on the 2007 Census Test at the recent BSPS Conference are available at:

<https://extranet.london.gov.uk/media/8A5/D3/1/ONS%20Census%20BSPS%20presentation%2012-09-07.pdf>

In addition Neil Storer has written an article in BURISA No 172, June 2007 on the 2007 Census Test in Camden from the local authority's viewpoint.

## **2001 Census data**

### *Commissioned tables*

A large number of commissioned tables have been produced and are all freely available on request from ONS. The GLA holds copies of all these tables. Any that contain ward or district level information are being converted into SASPAC system files and made available to all SASPAC users on the website [SASPAC.org](http://SASPAC.org).

A CD containing all the commissioned tables currently available from the GLA and the list for searching was distributed at the Census Users' Group meeting on 18th September 2007. Those who could not attend the meeting should have received their CD through the post.

We expect commissioned tables to continue to be produced throughout this year. In particular we will continue to order tables that are requested by members of the consortium.

## **Samples of Anonymised Records - SAM**

The SAM is small area microdata available for nearly all local authority districts in England and Wales. It contains a five per cent sample of individuals with details on a range of topics. Some of the topics have less detail than in other datasets but the ability to design your own inquiries is likely to be useful. The price of this dataset has now been reduced to £100 per local authority, so if anyone is interested in looking at this data then please contact Giorgio Finella. See Appendix 1 for more details.

## **Paycheck data**

The Census Users' Group meeting of 23rd September 2005 agreed to renew the three year London borough consortium for PayCheck data from CACI. The meeting on 19th December 2005 discussed the CACI data further and agreed to extend this to the equivalised dataset. The data is has been paid for by the GLA up to and including this year. The latest data is due out in December 2007.

From next year onwards boroughs who want this data will be asked to pay a share of the cost as the Census budget will not be in a position to pay for the boroughs after the current year. Details of the costs will be circulated as soon as we have them but there will still be a considerable discount by going through the consortium.

The conditions of use of this data are important - they will be distributed again with the latest data. Please check with either the GLA or with CACI before publishing any data.

## **Analysis**

### *DMAG Briefings*

A number of DMAG Briefings based on Census data have been published recently. They are listed below.

### *Published*

Commuting in London, DMAG Briefing 2007-3, by Gareth Piggott.

A 2001 Census Ward Atlas of London, DMAG Briefing 2006-23, published in September 2007, by the Census Team. An interactive DVD version is also available. This is a 'must see' and proved to be very popular at the Census Users' Group Meeting on 18th September 2007 where it was first shown.

### *The following Briefings are in production:*

Economic activity rates in London, DMAG Briefing 2007-21, Richard Cameron and Giorgio Finella. This Briefing has been completed and will be published very soon.

2001 Census Profiles: Black Caribbeans in London by Richard Cameron continues the series of Census profiles. The profile will be published before the end of 2007, the year in which the 200th anniversary of the abolition of slavery is being celebrated.

Housing tenure change 1961 to 2001 by Eileen Howes - this Briefing will provide data on housing tenure from five Censuses and a series of maps showing how each tenure has changed over the last 40 years. The 1961 Census data is based on the London boroughs as they were created in 1964 and not on those current at the time of the 1961 Census. It also includes more detailed change between 1991 and 2001 by ethnic group of household head/HRP.

Quality of origin-destination data - this Briefing will use new commissioned tables to assess the quality of the special workplace statistics published by ONS from the 2001 Census, or indeed the damage done to the data by the rounding which was applied to all the tables once they had been produced and before they were published.

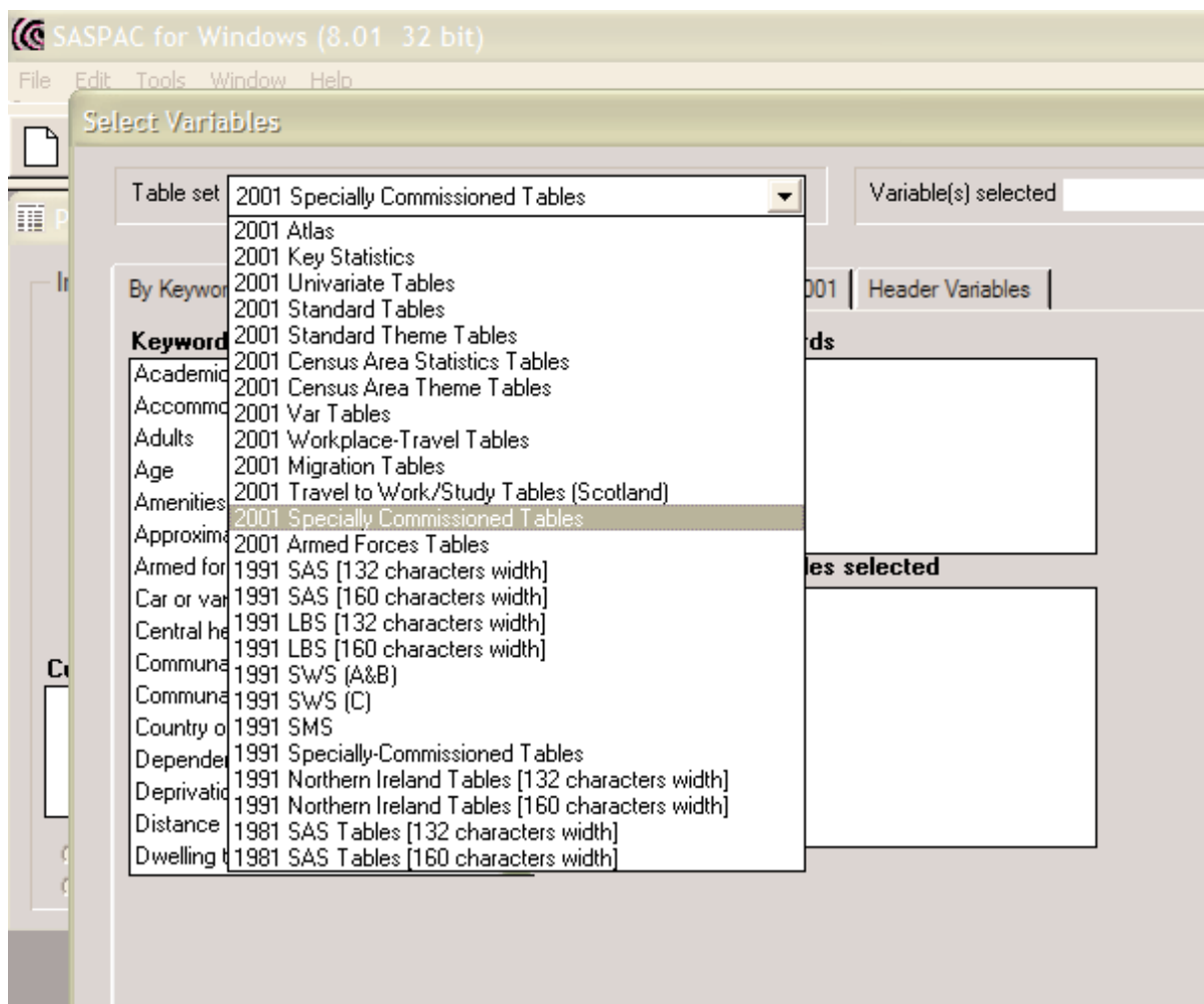
The 2001 Census Consortium Purchase and Information Scheme - this Briefing will summarise the arrangements that were made for the 2001 Census Consortium and the costs involved. The intention is that this will help all members of the Consortium to decide whether the arrangement provided value for money for the contributors (of course, we hope very much that it did) and whether they want to participate in a similar arrangement for the 2011 Census. We are suggesting a similar arrangement after initial discussions have indicated that there would be some support for the proposal. As a first step we thought that we should produce a summary of what the arrangements were for the last Census and how they were set up. We will also include details of the financial arrangements and what the money has been spent on as well as the published reports produced, data, training and other services provided.

### *Some planned Briefings:*

An analysis of industry in London in 2001  
Housing in London

## SASPAC

The SASPAC team have released an interim version of SASPAC that incorporates all the Specially Commissioned Tables (SCT) released by ONS to date. SASPAC v8.01 updates the searching files to include the SCT files as a single dataset (see screen shot below). This means all these tables can now be searched together without exceeding SASPAC's previous limits. This version can be found on the CD distributed at the Census User Group on 18th September 2007, along with a note ('User Guidance Note 8.03.doc') explaining how to update from the current version of the software.



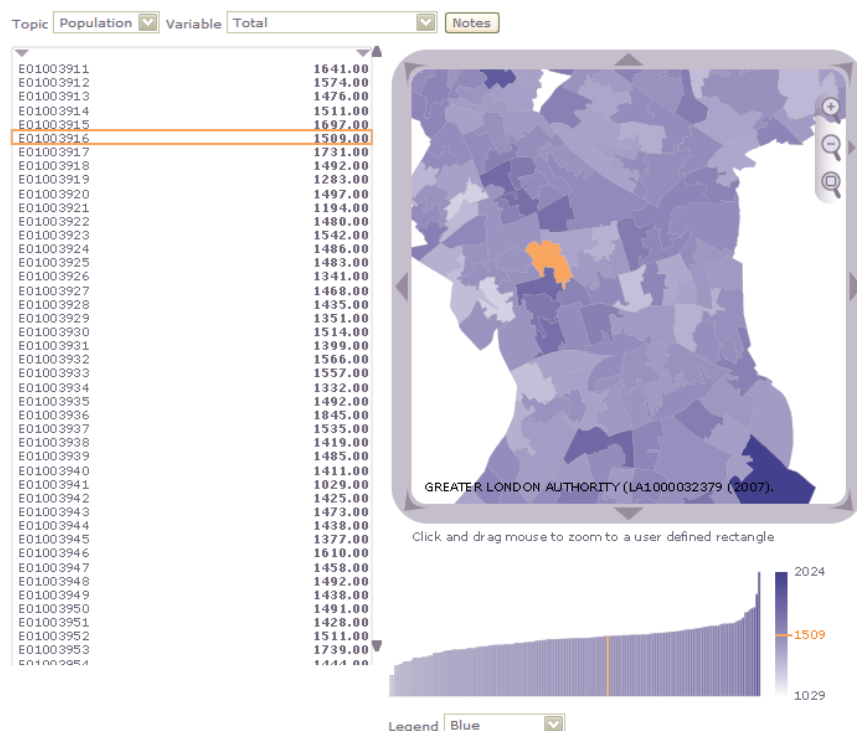
A new version of the Geowise Web Publishing tool is available from the SASPAC helpdesk. This version includes significant improvements to the existing templates. For example, it is now possible to alter the colour palette within the map templates, publish data for a large number of geographical areas and a progress bar is included within the publishing wizard. Furthermore, a number of features from the first version of the Publisher have also been resolved. The new Publisher will be released with the next full release of the software later this year but pre-release versions are available from the helpdesk on request.

A new Google Earth tool is currently being developed by Pebbleshore - the developers of Mapshore. This will allow users to export their own maps for viewing in Google Earth and

other applications. Similar to enhancements in other Geographical Information Systems, this tool will export an image \*.jpg in a \*.kml format (the format used by Google to display geographic data), which can then be browsed using Google Earth/Google Maps. The purpose of this tool is to provide users with another means of displaying data. For example, you may wish to publish a thematic map on a website that members of the public can view alongside all of the datasets and functionality provided by Google.

### LB of Southwark LSOA Profile

Name: Age Profile  
 Population: 2001 Resident Population  
 Level: Zone



Footnote:

CROWN COPYRIGHT. ALL RIGHTS RESERVED. GREATER LONDON AUTHORITY (LA1000032379 (2007)).

Published by **saspac** using **geowise** software

Finally, the SASPAC team are working towards a new release of the software and will include:

- Updated SASPAC (new data searching screens, new help menu, improved task windows)
- Updated Mapshore (new Google Earth export tool)
- Updated Geowise (improved templates and publishing wizard)

This version will be released before the end of the year.

If you have any queries at all please contact Alan Lewis at the SASPAC helpdesk on 020 7983 4348 or [info@saspac.org](mailto:info@saspac.org).

## **Training**

Bill Armstrong is running a series of SASPAC and Census Training courses. There will be three sessions of training in 2008, each lasting 2 weeks. The dates are:

Monday 4th February to Friday 15th February

Monday 12th May to Friday 23rd May

Monday 15th September to Friday 26th September

Please contact Bill Armstrong if you would like any further information.

## **Census Users' Group Meetings**

Meetings are held quarterly. The minutes of the meetings held on 12th January 2007, 16th April 2007 and 18th September 2007 are in Appendix 2. The next meeting is scheduled for Tuesday 18th December 2007 at 2pm in Committee Room 3 at City Hall.

Dates have also been arranged for the three subsequent meetings. They are on:

Wednesday 19th March 2008 at 2pm in Committee Room 3 at City Hall

Wednesday 11th June 2008 at 2pm in Committee Room 3 at City Hall

Wednesday 1st October 2008 at 2pm in Committee Room 2 at City Hall

## **Census extranet**

The Census extranet is updated regularly by the Census Team. You need a User ID and password to access it. These can be obtained by going to the site at:

<https://extranet.london.gov.uk/>

Some information and data is also available from the SASPAC website at:

<http://www.saspac.org>

Minutes of the Census Users' Group meetings appear on the Extranet, as do these Census Information Notes.

## **Census contacts**

Appendix 3 gives the name and e-mail address of the main Census Contact in each borough and other relevant organisation. Please check that we have the right person listed and that the e-mail address is correct. If you know of anyone else in your organisation who would like to receive Census Information Notes please let us have their e-mail address.

# Samples of Anonymised Records

Cathie Marsh Centre for Census and Survey Research

## Small Area Microdata

Census 2001 Microdata for Local Authority Districts

**The Small Area Microdata are a sample of records drawn from the 2001 Census of Population.**

**The file is a 5% sample of individuals for all countries of the UK, with 2.96 million cases. Local authority is the lowest level of geography for England and Wales, Council Areas for Scotland, and Parliamentary Constituencies for Northern Ireland.**

**The data contain a wide range of Census topics including health, transport, housing, NS-SEC, education, and demographic features.**

### Census microdata for local authorities

**The SAM is two and a half times the size of the 1991 Individual Sample of Anonymised Records and more than twenty times the size of the Labour Force Survey!**

**The SAM has been created to enable research using local authority geography.**

**This means it has adequate sample sizes for individual local authorities that are comparable to those which might be achieved in a local authority level social survey. Unlike a social survey, the data are drawn from the Census and can be easily used alongside standard census outputs.**

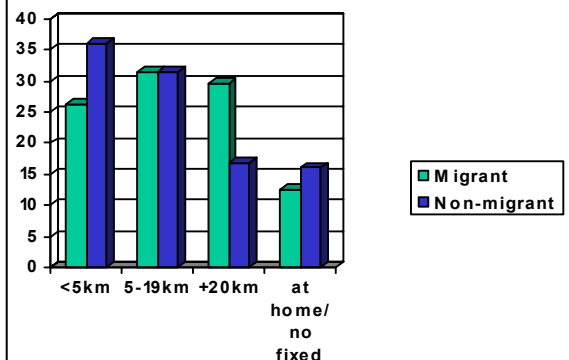
- Nearly 80 authorities have more than 10,000 cases
- Birmingham has 49,000 cases
- Median LA size is 5,600
- Only 7% have fewer than 3000
- Even Teeside, the smallest area has 1238 individual records
- Only six authorities have been merged due to population size

### What can you use the data for?

- Analyses for individual local authorities (or constituencies in NI)
- Mapping characteristics by LAD/LGD
- Geographic comparisons
- Creating tables to your own specification
- Testing tables prior to ordering a custom table from Census Offices
- Multivariate and/or multi-level analyses
- Working with other Census products, linking aggregate and microdata
- Adding in additional local authority level indicators

Research potential exemplars are available on the SARs website

Travel to work by migrant status – Rural areas in England and Wales (as defined by DEFRA)



Source: 2001 Small Area Microdata, DEFRA classification added (at LA level)

**Full information about the data, including details of how to register can be found on the SARs web site at the address below.**

**<http://www.ccsr.ac.uk/sars>**

**Queries can be directed to:  
[sars-helpdesk@man.ac.uk](mailto:sars-helpdesk@man.ac.uk)  
+44 (0)161 275 4735**

**SARs**

samples of  
anonymised records

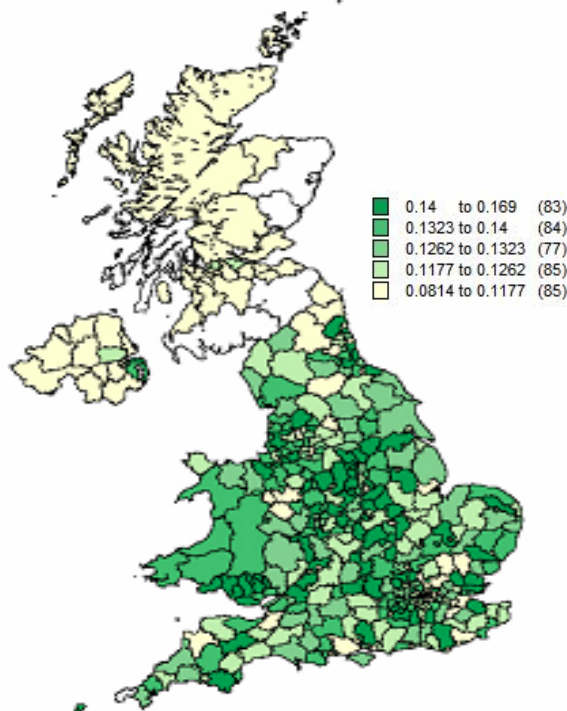
# Small Area Microdata

## Census 2001 Microdata for Local Authority Districts

### Mapping the data

SAM data is ideal for mapping. Data can be readily manipulated within a standard analysis package to provide area level statistics you want, for the subpopulation of your choice. The data contain standard area codes which can then be merged with local area maps.

The map below shows the proportion of usual residents aged over 60 who are carers. The proportion was generated within a standard statistical application (e.g. Stata or SPSS). Mapping information was linked using mapping software (e.g. MapInfo or ArcView).



An online visualisation tool is currently being developed that will allow users to produce simple maps interactively. The CommonGIS will enable users to produce univariate maps.

### Examples of content by topic:

- **Migration** migration indicator (not moved, moved within LA/LGD, or from outside); region of origin.
- **Ethnicity** 13 categories in England and Wales, 8 in Scotland and 2 in Northern Ireland. Religion data is also available.
- **Geography** UK wide file, with GOR, LAD (England), LGD (Scotland) or Parliamentary Constituency (Northern Ireland).
- Department for Environment, Food, and Rural Affairs (Defra) Classification of Local Authority Districts and Unitary Authorities in England.

### Nearly 80 authorities with more than 10 thousand records

Birmingham, Leeds, Glasgow City, Sheffield, Bradford, City of Edinburgh, Liverpool, Manchester, Kirklees, City of Bristol, Fife, Croydon, North Lanarkshire, Barnet, East Riding of Yorkshire, Wakefield, Wirral, Cardiff, Dudley, Ealing, South Lanarkshire, Coventry, Wigan, Bromley, Doncaster, Stockport, Sefton, Sandwell, Leicester, Sunderland, Enfield, Nottingham, Lambeth, Brent, Wandsworth, Bolton, Newcastle-upon-Tyne, Walsall, Medway, Lewisham, Rotherham, Brighton and Hove, South Gloucestershire, Southwark, Newham, Hillingdon, Kingston-upon-Hull City of, Plymouth, Stoke-on-Trent, Redbridge, Wolverhampton, Rhondda Cynon Taff, Aberdeenshire, Havering, Swansea, Derby, Bexley, Waltham Forest, Barnsley, Oldham, Southampton, Haringey, Salford, Greenwich, Hounslow, Tameside, Aberdeen City, Trafford, Highland, Harrow, Milton Keynes, Rochdale, Hackney, Solihull, Camden

The Small Area Microdata file is one of a family of datasets called the Samples of Anonymised Records. This family also includes other microdata files drawn from the 2001 UK Census:

- 3% Licensed Individual SAR with GOR geography and more detailed individual detail available for download
- 1% Hierarchical Special Licence Household SAR for England and Wales, with individual detail on all members of selected households
- Controlled Access Microdata versions of both of these datasets, accessible in a secure setting with National Statistics Offices.

Full information about these files is available at [www.ccsr.ac.uk/sars](http://www.ccsr.ac.uk/sars)

The Samples of Anonymised Records are part of the wider collection of census data supported through the ESRC Census Programme. The collection includes aggregate, longitudinal and interaction data. Further information is available from [www.census.ac.uk](http://www.census.ac.uk)

## Appendix 2

### Minutes of Census Users Group (CUG) Meeting, 18th September 2007

#### 1. Minutes of the last meeting and matters arising

The minutes of the meeting held on 16th April 2007 were accepted. Richard Cameron, analyst in the Census Team, was introduced to the group.

#### 2. Commissioned tables - latest tables received

A CD was distributed containing all the commissioned tables processed in SASPAC. This is 469 tables.

#### 3. 2011 Census developments

Ian Cope is moving on as Director of Census after 4 years. The new Director will be Glen Watson, who was previously in charge of Surveys in Newport. The ONS methodology team has been restructured.

##### *2011 Information Scheme*

EH proposed that a new Information Scheme for the 2011 Census should be drawn up between the GLA and the boroughs. This would be along the lines of the GLA-boroughs agreement covering 2001 Census data. The first action was for her to draft a paper on the 2001 agreement for GLA management and this would be sent in due course to council leaders via London Councils. If 22 or more boroughs agreed to join the scheme it would become mandatory for all the boroughs.

At the initial stage, the likely costs of the scheme were not yet known, so it was too early to consult boroughs. However it was agreed that boroughs would find it useful to see a paper that highlighted how the 2001 agreement was set up and how it worked.

EH envisioned that the scheme would need to be in place around 2010-2011.

#### 4. 2011 Census developments: Presentations from BSPS Conference

##### *1 2007 Census Test in Camden*

Neil Storer (NS) presented his paper evaluating the Census Test carried out in Camden in 2007. Camden was chosen for the test for several reasons. The prevalence of hard to count groups including students, gated estates, HMOs and high population turnover in Camden provided a good test of response. On the other hand, Camden's history of proactive engagement with ONS following the 2001 Census would assist in testing ONS-LA liaison. Finally, Camden's Local Land and Property Gazetteer (LLPG) provided a good address list with which to validate the address checking aspect of the Test. A sample of about a quarter of Camden's addresses was included in the Test.

ONS used Ordnance Survey's Master Map Layer 2 as the basis for its address list. This list was fully checked by visiting every address which discovered around 6,000 addresses missing from Master Map. NS thought most of the missing addresses were on Camden's LLPG, and hence proposed that local address lists be utilised in the 2009 rehearsal (where they exist to a good

standard).

Recruitment of Team Managers and enumerators was subcontracted to an agency, Hays. Feedback from Hays suggested this achieved sufficient numbers of good quality people. NS queried whether as good a result could be achieved for a larger exercise.

The Census Area Manager was a member of ONS staff. For various reasons it was not possible to appoint a manager from Camden, although this would have been a valuable exercise. NS suggested trialling a LA-sourced manager in 2009.

Assessment by Team Managers provided detailed and useful feedback. The biggest single improvement was thought to be provision of advanced information on the Test: ONS took the decision of no publicity for 2007. NS proposed that a publicity campaign for 2011 should start now, possibly targeting key groups such as migrants.

Area profiles produced by ONS were felt to be accurate and a useful proxy for local knowledge. Neither language barriers nor outright refusals to co-operate proved as great a problem as anticipated. A bigger problem was with recipients' understanding of the form.

### *II Developments in Scotland*

EH summarised a presentation by GROS on planning for the 2011 Scottish Census. As reported in previous meetings, the focus of the Scottish Census will be to produce information for Scotland so the format will differ from England and Wales. It is likely that questions on language, ethnicity and possibly work and qualifications will differ from England and Wales.

It had been decided that the form will have one page for household questions and three, possibly four, pages of individual questions.

Household questions under consideration following the 2007 consultation included state of repair of the dwelling, and household income (although personal income is the measure preferred by most consulted). GROS may also request a phone number so that queries on the completion of the questionnaire can be followed up.

Language and Identity questions had an important dimension in Scotland. A question on national identity is likely to be included. It is not yet decided what form the language question will take.

Scotland were planning to offer an option of completion via the internet for 2011. Questions remain however over cost, security and the potential for over enumeration. EH commented that the USA were likely to drop an option of on-line census completion for 2010 after a disappointing uptake in 2000.

GROS also commissioned research by TNS into how a hard to reach group -18 to 30 year-old men- felt about the Census test. The main reasons for non-completion were identified as disaffection or suspicion with government; and a lack of understanding of the importance of the Census. The presentation of the form was also cited as a barrier -some people felt the appearance of the envelope suggested that the contents were junk mail.

### *III Early Findings from the 2007 Census Test*

The ONS conducted a Census field test in May-June 2007 in five local authority areas in England and Wales. The chief aims of the Test were: test postal delivery versus hand delivery of forms; assess the impact of a question on income; and trial outsourcing the recruitment and management of Census field staff.

The address register was first validated by address checking of all Test addresses. This discovered around 12% missing addresses; mostly sub-premises. This suggested that the 2011 Census will require a 100% address check irrespective of delivery method: this check is planned to take place over a six month period leading up to the Census.

As expected, hand delivery was found to produce higher return rates than postal delivery. However the lower cost of postal delivery would allow extra follow-up, targeted as necessary, to boost eventual response. ONS had hence decided that post out would be the primary means of delivering questionnaires in 2011, possibly the sole means.

Including an income question on the form did adversely affect response, although this had not yet been analysed to determine the extent to which quality of data would be affected. Similarly, the accuracy of the income data was not yet known.

Outsourcing the enumerator recruitment was judged to have gone well by ONS, so that outsourcing is being considered for 2011. In particular, ONS noted that the simplified (hourly) payment system for enumerators gave greater financial control.

## **5. DMAG briefings**

The recently publishing briefing 'Commuting in London' was distributed at the meeting. A briefing on economic activity rates was close to completion.

### *2001 Census Ward Atlas*

The Census Ward Atlas was currently being printed and paper copies would be sent out in early October. A DVD containing electronic copies of the atlas was distributed at the meeting. There were four versions of the Atlas on the DVD: pdf files containing the printed atlas in both colour and black and white; the same content in colour divided up into thematic chapters; and an interactive version viewed through SVG viewer. RC demonstrated how to access the pdf and interactive maps on the DVD. In addition, it was agreed that the interactive maps could usefully be made available on the internet. [Now actioned; the atlas is available on the SASPAC website, [www.saspac.org](http://www.saspac.org)].

### *Tenure Change in London: Tenure change over five censuses*

A further presentation from the BPS conference was introduced by EH. This was taken from a briefing that is in production. It covered tenure from the 1961 to 2001 Censuses for the current borough boundaries; and tenure by ethnic groups for the 1991 and 2001 Censuses.

The presentation mapped the growth in owner occupation in London between 1961 and 1991 and the corresponding falls in the incidence of private and social renting. Between 1991 and 2001 the rate of owner occupation remained steady, and there was growth in private renting.

Over 1991 to 2001, the biggest change in tenure by ethnic group was for Pakistanis in private

renting up 10 percentage points over the decade from 13 to 22 per cent; correspondingly the proportion of Pakistani households in owned occupation fell from 67 to 58 per cent.

However, the shift from owner-occupation to private renting did not necessarily represent individual households changing tenure; rather it was suggested the growth in private renting between 1991 and 2001 could be due to recent immigrants to London. EH said that the new briefing by Lorna Spence suggested there was some association. This was an area where further analysis of census data could be useful.

## **6. SASPAC**

The latest version of SASPAC, 8.01, was given out at the meeting. The CD also contained the full set of 469 commissioned tables converted to SASPAC format. AL explained that this version included new search screens for the commissioned tables. The latest Geowise publisher is not included in version 8.01 but is available on request. It would be included in the next release of SASPAC.

Other proposed enhancements of the mapping capability would include raster backgrounds, and the ability to output maps to Google Earth. Further ahead, planning for SASPAC for 2011 had begun and input from users was welcomed.

SASPAC training was currently underway by Bill Armstrong until the end of September.

## **7. Paycheck Data**

Delivery of the latest data had been delayed. After this current round, the Census budget would no longer cover Paycheck data.

## **8. Any other business and date of next meeting**

There was no further business. The next meeting will be held on December 18th.

## Attendees at the Census Users' Group Meeting, 18th September 2007

Corporation of London	
Stuart O'Callaghan	
Barking and Dagenham	Phil Canham
Barnet	Peter Keeble
Bexley	
Brent	
Bromley	
Camden	Neil Storer
Croydon	David Carlisle
Ealing	
Enfield	Colin Rumsey
Greenwich	
Hackney	Nina Emamy
Hammersmith and Fulham	Alan Brooks
Haringey	Craig Ferguson
Harrow	
Havering	Paul Ekers
Hillingdon	
Hounslow	
Islington	Robin Hall
Kensington and Chelsea	Nicola Weaver
Kingston upon Thames	Peter Brunton
Lambeth	
Lewisham	Alec MacDonald
Merton	
Newham	Michelle von Ahn
Redbridge	Frederick Nuer
Richmond upon Thames	Caroline Steenberg
Southwark	
Sutton	
Tower Hamlets	Justin Sylvester
Waltham Forest	
Wandsworth	Christine Pollard
Westminster	
LHO	
TFL	Mike Collop
Metropolitan Police	Yu Cheng Chong

LDA	
London Councils	
LFEPA	
GLA	Eileen Howes
	Richard Cameron
	Alan Lewis
	Caroline Hall
	James Gleeson

## Apologies

Harrow	Sue Kaminska
Waltham Forest	Mary-Ann Hester
GLA	Bill Armstrong
	Giorgio Finella
London Councils	Sharla Ghorsia

## **Minutes of Census Users Group Meeting, 16th April 2007**

### **1. A presentation of the Samples of Anonymised Records**

Jo Wathan from CCSR (Centre for Census and Survey Research) gave a presentation on the Samples of Anonymised Records (SARs), the Small Area Microdata (SAM) and the Controlled Access Microdata Sample (CAMS). The presentation included a series of tables and maps.

Standard data from the Census of Population are produced in a table form where the framework is fixed. However, the SARs, the SAM and the CAMS are much more flexible. They are in the form of a sample of the questionnaires and allow users to tabulate any topic by any other topic(s). There is, in fact, a 'family' of five datasets. These are:

1. A Licensed Individual SAR which contains 3% of the population of the UK. It is available at Government Office Region level.
2. A Special license Household SAR. This is a 1% sample and contains 225,000 households and 525,000 individuals. It is only available for England and Wales.
3. Licensed Small Area Microdata. This is a 5% sample of the population of the UK, and is available at local authority level.
4. The Individual CAMS which contains a 3% sample of the population of the UK and is available at local authority level.
5. The Household CAMS which is a 1% sample of households and is only available for the UK.

These datasets contain some or all of the following in various degrees of detail - age, ethnic group, NS-SeC (National Statistics Socio-Economic Classification), employment, qualifications health and migration. More data are available on the CCSR Website at the following address:  
[www.ccsr.ac.uk/sars](http://www.ccsr.ac.uk/sars).

These data are available for a one off payment of £500 + VAT for a local authority. The cost includes use by up to 10 named individuals and dedicated software, NSDstat. Registration is required for any users of the data.

### **2. Minutes of the last meeting and matters arising**

The minutes of the meeting held on 12th January 2007 were accepted as a true and accurate record of the meeting. A link was sent to London boroughs giving information about the NS-SeC (National Statistics Socio-Economic Classification). All minutes will appear on the Census Extranet.

### **3. Commissioned tables - latest tables received**

A CD was distributed at the meeting and contained all the commissioned tables processed in SASPAC so far, not just the ones processed since the last CUG. The Excel files received since the last CUG are also on the CD. Some of the files are very large and they have been 'Zipped'.

### **4. 2011 Census developments**

The GLA response on ethnicity had been sent to ONS.

ONS are pushing for their geography (output areas and super output areas) to be the accepted by all clients but it is essential that data are available at ward level.

## **5. DMAG Briefings and Analysis - Briefings coming soon and some to be distributed**

A new Briefing titled 'Commuting in London' is complete but not published. It will be published shortly.

A DVD containing the 2001 Census Ward Atlas was distributed at the meeting. There are 325 maps and corresponding tables in the Atlas. The DVD contains a pdf of all 325 maps and tables, 3 pdf files containing about a third of the Atlas each, and a file for each map in wmf format which can be incorporated into a word document or other type of document if required. A colour and interactive version will be available within 6 weeks.

Work will commence shortly on a briefing/series of briefings dealing with housing.

## **6. SASPAC**

An updated version of the User Manual is complete and has been produced in a PDF and HTML format. In addition, this will update the existing "help" file within the current version of SASPAC which refers mostly to 1991.

Enhancements and improvements have been made to the Geowise Publisher. They will, along with bug fixes, be incorporated into the next version of the software to be released later this month. A series of sites will be asked if they would like to do some testing.

The SASPAC team met at the end of last year to discuss what SASPAC 2011 will look like. This is still in the very early stages but the team will be consulting with users throughout the development process to ensure needs are met. Questionnaires, workshops and roadshows may be organised over the coming 12-18 months to assist in the development. Everyone will be kept informed through the e-bulletin and CUG.

## **7. Census and SASPAC Training**

The next series of training starts in mid-May and lasts for 2 weeks. The next session after that will start in mid-September. The new version of SASPAC will arrive too late for the May training but should be available for the September training.

## **8. Any other business**

Neil Storer (Camden) raised the question about some residents of communal establishments being misrecorded as staff. The ONS website quotes an article which appraises options to adjust estimates and makes recommendations for users. A link to this article will be sent to Neil. See pages 42 to 51.

*[http://www.statistics.gov.uk/downloads/theme\\_health/HSQ31.pdf](http://www.statistics.gov.uk/downloads/theme_health/HSQ31.pdf)*

## **9. Date of next meeting**

This will probably be in July but will depend on room availability.

## Attendees at the Census Users' Group meeting, 16th April 2007

Corporation of London	
Barking and Dagenham	Chris Sale
Barnet	Peter Keeble
Bexley	
Brent	John McCrae
Bromley	
Camden	Neil Storer
Croydon	
Ealing	
Enfield	
Greenwich	Emma Williams
Hackney	
Hammersmith and Fulham	Alan Brooks
Haringey	Craig Ferguson
Harrow	Sue Kaminska
Havering	
Hillingdon	
Hounslow	
Islington	
Kensington and Chelsea	Nicola Weaver
Kingston upon Thames	
Lambeth	
Lewisham	Alec MacDonald
Merton	
Newham	Michelle von Ahn
Redbridge	Frederick Nuer
Richmond upon Thames	
Southwark	
Sutton	
Tower Hamlets	
Waltham Forest	
Wandsworth	
Westminster	
Transport for London	Mike Collop
Metropolitan Police Service	
London Development Agency	
London Fire and Emergency Planning Authority	Phil Jeffries
London Health Observatory	

London Councils	
Greater London Authority	Eileen Howes
	Giorgio Finella
	Gareth Piggott
	Liz Williams
	Caroline Hall
	Bill Armstrong

## Apologies

Bromley	Doug Ogilvie
Ealing	Sally Burrows
Havering	Paul Ekers
Richmond upon Thames	Fiona O'Toole
London Councils	Sharla Ghorsia
Metropolitan Police Service	Andrew Lye

## **Minutes of Census Users' Group meeting held on 12th January 2007**

### **Jenny Boag, The Census Test in Scotland, 2006**

Before the meeting started Jenny Boag from Falkirk Council was invited to give a presentation about the Scotland Census test, which took place in 2006. Jenny's Powerpoint presentation is available from the Census team on request.

JB, said it takes about a year to get any meaningful results from the test before they will be able to tell anything about the things they have tested. There is no feedback from the Scotland Census offices yet.

The areas used in the test were Glasgow, West Dunbartonshire and parts of Highland, Perth and Kinross, Stirling, Argyll & Bute. Some of these areas were chosen because they were perceived to be hard-to-count. For example, areas of high male unemployment are often areas of high imputation. Some of the areas are also major 'second-home' type areas, which is something that may be introduced to the 2011 Census.

It included 52,000 households and took place in April 2006.

The forms went out with 4 different variables. Half had an income question, while the other half did not. Also half were post out/post back while the other half were enumerator delivery. Each of these variables was spread out across each ED.

Scotland tested household income (whereas E&W is personal income).

The test was only 3 pages per person rather than 4 in E&W.

Things that have already been flagged up is that a lot of people are confused by the term 'civil partnership', thinking that heterosexual couples living together might be included.

In the ethnic group question, Scotland called the first group 'White European' in an effort to relate each group to a geography. However, people like Americans, Australians etc had no box to tick.

The final page of the form asks respondents for their views on the test questions, for example, the income question.

The response to the test was around 50 per cent, which was expected. This is roughly similar to what we might expect in London.

Scotland found it hard to recruit enumerators from some ethnic groups.

They made good use of local authority staff as enumerators, who were generally very reliable. Scotland used the postal address file (PAF) not the local authority address lists.

They held focus group with young men after the test to find out why or why they did not respond. This was very useful.

The men tended to be very patriotic so may have filled the form in 'for Scotland', but at the same time were wary of 'snooping government'. They sometimes think it is linked to taxes or other government departments. Many people feared losing benefits.

Some of the terminology was found by these men to be confusing on the Scottish form.

More consultation is taking place around 3 or 4 pages. 4 pages might be considered too long for people to fill in and thus affect response where 3 pages might not provide enough data on some topics.

GROS are not using local gazetteers, favouring either National Land & Property Gazetteer or Ordnance Survey (address point). The issue with local land and property gazetteers is that not all local authorities are up to date.

GROS are not too concerned with comparability with England and Wales. First and foremost they want good data for Scotland. The forms are considerably different so a lot of it will not be comparable between the two. Sometimes UK figures are needed but Scotland do not want to compromise quality for that reason.

### **1. Minutes of last meeting and matters arising**

The minutes of the meeting held on 28th September 2006 were accepted as a true and accurate record of the meeting. All minutes appear on the Census Extranet after the meeting. There were no matters arising.

### **2. Update on 2001 Census data and related issues - commissioned tables**

There are around 80 tables that have been processed into SASPAC since the last CUG. A full set of the SASPAC files are on the CD distributed at the meeting.

There has also been a big batch of new ONS tables. The Excel files received since the last CUG are all on the CD as well.

Industry at ward level is now available from Table C0659 (SCT326). This is ward to ward in London and wards in London to districts outside London. But districts outside London to wards in London will have to be commissioned by the GLA via the micro-data panel as a special license application. The GLA can then produce the results but are not allowed to pass the data onto the boroughs in a raw format. Anyone can apply for a special license, but you have to propose a project. This is also the case for other ONS data, not just Census data.

The GLA are still lobbying for ONS to provide CAS tables for LSOAs. This will continue until we receive a positive response.

In 2011, the output should mean it is possible to add together Output Areas to give a reliable total that would be the same if the ONS were to calculate it. In 2001 this was not possible due to each OA being individually rounded thus making the final result prone to a large margin of error.

### **3. DMAG Briefings and analysis - briefings coming soon and some to be distributed**

GP informed users that there were three briefings to be collected at the meeting. 'The Jewish population of London' and the 'National Insurance number registrations of overseas nationals' briefings have been presented on at previous CUGs, though this was the first CUG where the printed version was available.

A new Briefing titled 'The Census Language Needs Indicator: A comparison with Labour Force Survey data' was handed out and GP summarised the main findings.

The LNI is a proxy measure of possible language needs based around whether a person or their

HRP was born in a non-English speaking country. It is an over count mainly because many of the people who are UK born (but their HRP was not) can speak/ understand English without a problem. A more accurate figure would be purely to count the people who were born outside an English speaking country. So the LNI is an indicator with which to compare areas, but not an accurate count of the people who do not speak English.

A new Briefing titled 'Commuting in London' is almost complete.

#### **4. 2011 Census developments - recent and current consultations**

The GLA response on ethnicity is almost ready. A meeting will be held on 18th January for GLA staff so our view can be finalised.

ONS have had problems with their email system over the last couple of days so any emails with attachments have not been getting through. They should eventually reach them but its worth checking that they do.

The upcoming ONS road shows will discuss, amongst other things, the issue of 3 or 4 pages.

There is a new consultation relating to NS-SEC, Industry, Occupation and Employment status that was sent out on the 10th January. Responses are required by the 9th February.

This is a good opportunity to raise issues around part-time and full-time data, which we believe should be included, though is not currently proposed to be included in the next Census.

Social class might be something users prefer over NS-SEC. That with occupation and industry may be enough to cover most requirements without the need for collecting various other bits of data required to construct the NS-SEC. Many users at the meeting indicated that they did not use the NS-SEC all that often.

EH forward this consultation to all users after the meeting. EH also said that a link about the NS-Sec from Caroline Hall, will be emailed around.

ACTION: EH

#### **5. SASPAC**

An updated version of the User Manual is currently in production and is expected to be produced in a PDF and HTML format (ETA: April). In addition this will update the existing "help" file within the current version of SASPAC which refers to 1991.

All the latest SCT (up to SCT359) and relevant searching files have been added to [http://www.saspac.org/Specially\\_Commissioned\\_Tables.html](http://www.saspac.org/Specially_Commissioned_Tables.html). Due to the large number of tables these have now been split into 2 separate datasets to aid searching - all instructions and necessary files are on the CD provided today or can be accessed through the website.

Following the delay in developing the Geowise Publisher we now expect some enhancements/improvements to be made. These will be incorporated into the next version of

the software, along with bug fixes and the latest SCT, and released in Spring.

Finally, the SASPAC team met at the end of last year to discuss what SASPAC 2011 will look like. This is still in the very early stages but we will be consulting with users throughout the development process to ensure needs are met. We are also considering organising questionnaires, workshops and roadshows to assist us over the coming 12-18 months. We will keep you all posted through the e-bulletin and CUG.

Early feedback from users at the meeting included: ditch the 'make command' button and printed versions of the manual are wanted.

GF showed users how to update their SASPAC with the new files for commissioned tables. A user note was supplied on the CD. All system files for commissioned tables to date are on today's CD.

GF added that he would find out which CD contained all the Standard Tables for national and London areas.

Action : GF

London data was distributed on a CD at the June 2005 meeting.  
The national dataset is on a DVD and was sent with SASPAC version 8.

## **6. Training**

It starts on Monday 15th January and lasts for 2 weeks. Next session is May 2007.

## **7. Any other business**

Neil Storer informed all users that his Census laptop recently developed a major fault and he lost a lot of work. Be aware of this and back up your files regularly. Any problems with the laptops now cannot be rectified from the information scheme budget.

## **8. Date of next meeting - Monday 16th April 2007 2pm, Committee Room 3**

## Attendees at the Census Users' Group meeting, 12th January 2007

Corporation of London	Lesley Aalbers
Barking and Dagenham	Phil Canham
Barnet	Peter Keeble
Bexley	
Brent	John McRae
Bromley	
Camden	Neil Storer
Croydon	
Ealing	
Enfield	
Greenwich	Alex Wood
Hackney	Chris Gibbon
Hammersmith and Fulham	Alan Brooks
Haringey	Craig Ferguson
Harrow	
Havering	Paul Ekers
Hillingdon	
Hounslow	
Islington	
Kensington and Chelsea	Roger Morgan
Kingston upon Thames	
Lambeth	Peter Lomas
Lewisham	Alec MacDonald
Merton	
Newham	Michelle von Ahn
Redbridge	Fredrick Nuer
Richmond upon Thames	Fiona O'Toole
Southwark	
Sutton	
Tower Hamlets	Marko Stojovic
Waltham Forest	Mary-Ann Hester
Wandsworth	Christine Pollard
Westminster	
LHO	
TFL	Mike Collop
Police	Andrew Lye
LDA	

London Councils	Sharla Gorsia
LFEPA	
Berkshire	
Reading	
Greater London Authority	Eileen Howes
	Bill Armstrong
	Giorgio Finella
	Gareth Piggott
	Caroline Hall
	Farah Dababhoy

## Apologies

Harrow	Sue Kaminska
LFEPA	Phil Jeffries

## Appendix 3

### E-mail addresses of main Census Contacts

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Wandsworth	Christine Pollard	cpollard@wandsworth.gov.uk
Westminster	Damian Highwood	dhighwood@westminster.gov.uk

## Regular Briefings from the GLA Data Management and Analysis Group (DMAG)

### Recent DMAG Briefings:

2006-23	A 2001 Census Ward Atlas of London	Census Team
2007-01	DCLG 2003-based Projections of Households for Greater London	John Hollis
2007-02	Claimant Count Model 2007: Technical Note	Lorna Spence/Caroline Hall
2007-03	Commuting in London	Gareth Piggott
2007-04	Who Benefits?	Lovedeep Vaid/PSU Health
2007-05	Disabled People and the Labour Market in London	Lorna Spence
2007-06	Demography Team Workplan 2007/08	Demography Team
2007-07	Education Team Workplan 2007/08	Education Team
2007-08	Social Exclusion Data Team Workplan 2007/08	Social Exclusion Data Team
2007-09	Child Poverty in London: 2007 Update	Lorna Spence / Lovedeep Vaid
2007-10	Summary of Social Trends 2007	Elizabeth Williams
2007-11	Census Information Note 2007-1	Eileen Howes
2007-12	GLA 2006 Round Ward Population Projections	Caroline Hall/John Hollis
2007-13	Borough and sub-regional demographic profiles 2007	Caroline Hall
2007-14	GLA 2006 Round Ethnic Group Population Projections	Baljit Bains/Ed Klodawski
2007-15	GIS Team Workplan 2007/08	Gareth Baker
2007-17	A profile of Londoners by housing tenure	Lorna Spence
2007-18	Londoners and the Labour Market: key facts	Lorna Spence
2007-19	Benefit Claimants 2006	Lovedeep Vaid
2007-21	Economic activity rates in London	Richard Cameron / Giorgio Finella

A full list of DMAG Briefings is available to internal customers through the GLA Intranet; otherwise please contact [dmag.info@london.gov.uk](mailto:dmag.info@london.gov.uk). A CD containing PDF versions of the Briefings, or hard copies, can be provided.

## Contact details for the Data Management and Analysis Group are as follows:

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