

Data Management and Analysis Group

Demography Team Workplan 2008/09



Demography

DMAG Briefing 2008-12

March 2008

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Demography Team Workplan 2008/09

Introduction

The GLA Demography Team is part of the Data Management and Analysis Group within Corporate Services Directorate. The Team has four posts:

- Demographic Consultant - **John Hollis** – who leads the Demography Team and also manages the Education and Social Exclusion Data Teams
- Senior Research and Statistical Analyst (Ethnic Demographer) – **Baljit Bains** – who specialises in ethnic demography, particularly ethnic group projections, and deputises for the demographic consultant
- Research and Statistical Analyst (Demography) – **Jessica Chamberlain** – who is responsible for ward projections, data holdings, the Demography Extranet and client liaison
- Research and Statistical Analyst (Ethnic Demography and Health) – **Ed Klodawski** – whose post is shared with the London Health Observatory

GLA Demography's main clients may be segmented as follows:

- Mayor's Office – for support for strategies
- London Plan Team – specific involvement providing demographic analysis and projections for the *London Plan* as well as regular monitoring
- Equalities Team
- Policy Support Unit
- Other teams in the Data Management and Analysis Group – particularly support for the Social Exclusion Data Team (Claimant Count Model) and the Education Team (School Rolls Project)
- GLA Directorates
- Greater London Assembly
- Functional Bodies
- London Boroughs and London Councils
- London Health Observatory, NHS London and health authorities and PCTs within London
- Learning and Skills Council

Academics, the media, the voluntary sector and various businesses working on public sector projects seek the work and advice of the Team.

GLA Demography has close two-way relationships with the Office for National Statistics (ONS), Communities and Local Government (CLG) and the Government Office for London (GOL) on matters involving London's demography, particularly as regards data supply and quality assurance.

The Team is responsible for monitoring demographic change within London, using a range of data sources, most of which are provided by ONS and CLG. The interpretation of the trends in fertility, mortality, marital status, migration, household formation and

labour force participation leads to regular projections at borough and ward level as follows:

- Borough population, households, labour force and ethnic groups
- Ward population, households and labour force

During 2008/09 it is planned to build on initial research in order to extend the ethnic group projections to cover households, by type and by the ethnicity of the 'household representative', and to refine projections of the resident labour force by ethnic group. It is also proposed to provide indicative projections of the subgroups of the White population.

The Team holds regular meetings of the Demography Liaison Group (DLG), which includes representatives from the client groups mentioned above, including all London boroughs. The DLG discusses the Team's work, which is made available on the GLA Demography Extranet and published as *DMAG Briefings* and *DMAG Updates* as well as other publications linked to the *London Plan*.

As part of the role of analysing and reporting on London's demography, members of GLA Demography represent London-wide interests on the following forums:

- ONS CLIP Census Advisory Group (LA Lead)
- ONS CLIP Population Subgroup
- ONS National Population Projections Expert Advisory Panel
- CLG Consultative Group on Projections in Planning (*in abeyance*)
- London Councils Demography and Finance Issues Group
- TfL Forecasting Group

The meetings of these groups enable the GLA to put London's case to government for better census and other demographic statistics and also help to maintain the high national and local profile of the work of GLA Demography.

The Team members also contribute to the activities of the Royal Statistical Society, the British Society for Population Studies, LARIA and BURISA. John Hollis is a member of the ONS Specialist List of External Experts, with special reference to household/family formation and population projections.

The Team continues to be closely involved with the GLA *New Migrant Databank* project. Following on from the recommendations of the Leeds University / Edge Analytics report that was published by the GLA in September 2006 as *Estimating London's New Migrant Population*, GLA Demography has been working with colleagues in the Policies and Partnerships Directorate as part of a wide-ranging consortium to fund and steer the development a pilot databank. In 2007 the Team was asked to review a proposal to the ESRC Understanding Population Trends and Processes programme (UPTAP) by Leeds University to develop a national migration databank as part of a wider project on local area ethnic group population projections. The project funding bid was approved and work started in the Autumn. GLA Demography is involved with the stakeholder group of the project and the first stakeholder meeting will be held at City Hall in June 2008.

This *Briefing* sets out the planned timetable of work through 2008/09 required to meet GLA Demography's priorities and objectives.

2008/09 Priorities

During 2008/09 the main priorities of GLA Demography will be to prepare a range of projections at various levels, and to provide data and expertise on all aspects of the demography of London for the GLA family, the London boroughs and others.

Specific items for 2008/09 will include:

- To support the GLA-wide work on developing and monitoring the *London Plan* by the production of a range of demographic projections and supporting documentation. An Examination in Public is expected to be scheduled in early 2009.
- Improvements to the scope of the GLA ethnic group projections as outlined above.
- *Focus on London 2008*, preparation of chapters on demography and diversity.
- To prepare the 2008 round of GLA demographic projections as follows:
 - Borough level population projections utilising the London Development Database, the *2004 London Housing Capacity Study* (as amended in 2006 and enhanced by more recent borough housing trajectories), the latest local trends in fertility and mortality as well as the latest data on migration affecting London. Inputs on future fertility, survival and migration trends will again be drawn from the ONS 2006-based population projections for England.
 - Borough level household projections, consistent with the population projections, incorporating structural change relating to marital status and household representative rates, as developed within the revised CLG 2004-based household projections.
 - Borough level resident labour force projections, consistent with the population projections, incorporating results from the latest ONS national labour force projections relating to changing economic activity rates.
 - Ward level population and household projections linked to the borough level projections. These projections specifically support DMAG Education Team work on school rolls forecasting as well as TfL transport planning for the *London Plan* and ongoing infrastructure development.
 - Ward level labour force estimates for mid-2009 will be prepared as bases for the 2009 claimant count model developed by the Social Exclusion Data Team.
 - Borough level ethnic group population projections linked to the borough population projections. These projections will also, for the first time, include improved labour force projections and household projections.
- To research aspects of London's population with special reference to migration and to ethnic and health demography, including:

- Refining projections of the labour force by ethnic groups.
- Household representative rates and household projections for ethnic groups.
- Ethnic group morbidity and disease prevalence
- New ways of monitoring change in London's ethnic populations. As indicated earlier the Team will continue to be closely involved with the development of the GLA *New Migrant Databank* project via the Leeds University UPTAP project.
- The Team will also be maintaining the borough level data it has collected on international migration using National Health, National Insurance and Worker Registration Scheme sources.
- Updating borough group lifetables and borough age-specific fertility rates using vital statistics for the three calendar years 2005 to 2007.

GLA Demography work will be communicated as follows:

- *DMAG Briefings and Updates* will describe new inputs to the demographic projection models as well as detailing the main results of the projections. They will also report GLA research and describe and analyse emerging national demographic datasets.
- Alerting, data and enquiry services will be provided to the GLA family, the London boroughs and others on new demographic data relevant to London produced by central government and other agencies (eg ONS mid-year population estimates and projections, migration estimates and CLG household projections). These services will also handle ad hoc enquiries relating to London's demography, including GLA 'Freedom of Information' requests from the public, the regular Responding to London service and enquiries from the media as well as Greater London Assembly and Mayoral Questions.
- The GLA Demography Extranet <https://extranet.london.gov.uk/> will be updated regularly to accommodate all new GLA projection results, new national datasets and GLA Demography's *Briefings* and *Updates*.
- The Demography Liaison Group (DLG), at which the Team's major clients come together to discuss data and issues pertinent to the demography of London, particularly with regard to influences on future trends, will meet in June, October and February. The DLG will feature major presentations on the work of the Demography Team and will include invited presentations from London boroughs, the health services, government and academia. Other ad hoc DLG meetings will be held as may be necessary.
- GLA Demography will ensure that relevant departments and bodies within the GLA family (particularly GLA Economics, the London Plan Team and the Equalities Team) are aware of its work. Building good professional links and giving presentations at relevant meetings will encourage a better understanding of the relevance of GLA Demography to the work plans of others.

GLA Demography staff will represent the GLA family and London boroughs at meetings with data providers, eg ONS and CLG, to ensure London's requirements and concerns are understood and, as far as possible, met. These meetings will also be relevant to helping to develop the services of others.

Data Supply

GLA Demography is critically dependent upon the availability of data supplied mainly by the Office for National Statistics (ONS) but also by other government departments and organisations. This section outlines the key data that should be made available up to the end of March 2009.

Office for National Statistics

2001 Census

Although the Census took place nearly seven years ago the GLA is still receiving commissioned tables. At present there are no plans for additional commissions from the Demography Team, but circumstances may change this.

ONS Population Estimates and Migration

ONS is due to release mid-2007 population estimates in August 2008. As well as the estimates themselves GLA will receive full details of the analysis of population changes between mid-2006 and mid-2007. Improved annual analyses of change at borough level for the years 1991-2001 are also anticipated, but no date has been announced.

In 2007 ONS published revised local authority estimates by ethnic groups for years 2001 to 2005. These are badged as 'experimental statistics' and ONS plans further annual estimates. Mid-2006 estimates are due in 2008. However, longer term plans for ONS to produce their own ethnic group projections are unlikely to be advanced this year. GLA Demography has been involved with ONS in methodological development and will be reporting on additional sets of ethnic group estimates as they are released as well as meeting ONS to discuss mutual interest in improving the services of both parties.

ONS also has the responsibility of issuing updated estimates of national, regional and local migration, both within the UK and to/from abroad. Migration within the UK is measured by the recorded changes of NHS patient registrations. The international migration statistics are drawn from a number of sources: the International Passenger Survey, the Labour Force Survey, Home Office records on asylum seekers and visitor switchers and data from Irish surveys. Several datasets are released regularly throughout the year relating to calendar quarters, calendar years and mid-year to mid-year periods. These data are used by ONS in the preparation of the mid-year estimates but are also valuable for local monitoring of trends. GLA Demography, in preparing the annual round of GLA population projections, also use these data. Estimates of annual UK internal migration up to the end of June 2007 were released in early 2008 with additional quarterly data expected at regular intervals. Full details of international migration at regional level for calendar year 2006 are expected in May 2008, with headline national and regional 2007 data due in November 2008.

ONS annually makes available data on National Health Service Flag 4s. These are overseas nationals who have registered with the NHS, and have not subsequently moved to a new GP, in the mid-year to mid-year periods. During 2007 ONS started to report on these and other administrative data sources for international migration and started publishing experimental estimates of short-term migrants for London and the rest of England (less London). This is expected to continue in 2008/09.

ONS prepares a huge number of regular statistics that are not necessarily mainstream demography, but also publishes research and analysis on many demographic topics. These are usually ad hoc and the Team regularly scans the ONS website for relevant material and publicises this to the Demography Liaison Group. One such output that has emerged is population turnover rates. Further releases of these statistics will be reported in 2008/09.

ONS Population Projections

Following the establishment in January 2006 of the National Statistics Centre for Demography, the responsibility for national population projections has switched from the Government Actuary's Department. 2006-based national projections were published in Autumn 2007. GLA Demography is represented on the Expert Advisory Panel that discussed the assumptions. The fertility, mortality and migration assumptions relating to England will continue to have a bearing on GLA projections in 2008 as the ONS national projections are not due to be updated until Autumn 2009.

In June 2008 ONS will be publishing 2006-based subnational population projections. These projections will be constrained to the 2006-based population projections for England and are the first to be based on recent international migration statistics (2001-06) that have all been estimated using the revised ONS methodology. The consultation process on the subnational migration assumptions has already started and will finish in April. GLA Demography has already issued a *Briefing* on borough migration for 2001-06 that will aid the consultation and will issue an *Update* in early April on the issues. The Team will be reporting on the results and comparing them with the latest GLA projections.

Another regular output from ONS is the national projection of the labour force. The most recent projection was published in January 2006, and has been used by the Team in subsequent labour force projections for London. It is not at present known whether updated national labour force projections are anticipated during 2008/09.

ONS Vital Statistics and Electorates

Fertility and mortality data necessary for the Team to update models are received in a number of ways. Some data are received as part of the annual change analysis of ONS mid-year estimates; others are part of standard 'VS' outputs and others are special requests. As it is anticipated that in 2008/09 the Team will be updating lifetables and fertility rates for use in the projections when all relevant data for years 2005 to 2007 are available.

Borough and ward electorate RPF29 returns are received annually, usually in the spring following the autumn electoral canvass. These are used in the GLA ward population projections.

Communities and Local Government (CLG)

The CLG revised mid-2004 based household projections were released in February 2008. The structural results will be used in the GLA 2008 Round demographic projections. The ONS revised 2004-based subnational population projections have been used by CLG in these household projections. CLG at present has a consultancy reviewing its methodology for producing household projections. The results should be known in the Spring, with the aim to be able to produce 2006-based subnational household projections by the end of 2008 using revised methodology and with a new contractor. It is too early to say whether this is achievable. As ONS is committed to produce subnational population projections every second year CLG is now also committed to follow a two-year cycle.

Council tax data for London are also obtained from CLG.

Department for Work and Pensions (DWP)

In recent years the DWP has published regular statistics on new National Insurance Numbers (NINOs) issued to overseas nationals by country of origin and local authority of residence. These are proving a very useful alternative source of international inflow information. GLA Demography will continue to monitor these data, add them to the migrant databank and produce estimates of the potential impact in terms of short-term migrants resident in London.

Home Office

The Home Office issues quarterly and annual analyses and statistics on asylum seekers. As this is a key group of arrivals into London these data are also valuable for monitoring London's population dynamics. There is also a quarterly report on the Worker Registration Scheme that has been set up to manage labour migration to the UK from the eight eastern European countries that gained accession to the EU in 2004 (the A8). There is now a similar quarterly report on Bulgarian and Romanian labour migration.

The Home Office also carries out, commissions and publishes other research, some of which is on migration/asylum, that is regularly reviewed for material relevant to London's demography.

GLA and the London boroughs

GLA Demography will be utilising development data collected by the boroughs and the GLA via the London Development Database (LDD) together with updated housing trajectories supplied by the boroughs. These data will assist in preparing borough and ward population estimates for years from mid-2001 up to mid-2008 as part of the population projections modelling service.

The 2004 London Housing Capacity Study (LHCS) data was amended in Summer 2006 to reflect additional capacity in the period 2017 to 2027. These data fed into the 2007 Round demographic projections. The GLA is already planning an update to the LHCS but new data will not be ready to use in the 2008 Round of projections.

All GLA projections are steered via the Projections Harmonisation Group, which has members from TfL and LDA as well as the GLA, and is chaired by the GLA's Chief Consultant Economist.

The Table overleaf indicates the key dates for ONS consultation meetings and data releases in 2008/09, this includes new coordinated releases of some Home Office and DWP data.

Research and Publications Programme

The main items of research that are planned for 2008/09 will be those required to update or, potentially, to improve the demographic models.

GLA Demography is expecting to publish *DMAG Briefings* on:

- Projecting ethnic group labour market participation
- Splitting the 'White' group in ethnic group projections
- Extension of ethnic group projections to households
- Borough General Fertility Rates 1991-2006
- Borough Standardised Mortality Rates 1991-2006
- 2005-07 Borough Lifetables
- 2005-07 Borough Age-specific Fertility Rates

A series of *Briefings* will detail the results of GLA projections:

- 2008 Round borough projections (October 2008)
- 2008 Round ward projections (December 2008)
- 2008 Round ethnic group projections (January 2009)

Other planned *Briefings*, not primarily concerned with the demographic models, will look at the following issues:

- Further ethnic-based analyses of Health Episode Statistics

The Team will continue to report on the release of significant research and data by ONS and CLG including the following as an anticipated minimum, with approximate dates:

- ONS 2006-based subnational population projections (June 2008)
- ONS mid-2007 population estimates (August 2008)
- 2001-07 Borough Migration Indicators (Autumn 2008)

In addition there will be a continuation of the annual updating of:

- Demography and Diversity chapters for *Focus on London 2008* (June 2008)
- Greater London Demographic Review 2007 (December 2008)
- Borough and London Plan Sub-region Profiles (March 2009)

Key ONS Dates 2008/09

2008	April 24	CLIP Population Subgroup
	May 7 20	CLIP Census Subgroup ONS Releases: Short-term migrants mid-2006 International Migration 2006 MN 33 Interregional Migration Sept 2007 Key Population & Vital Statistics 2006 <i>Reconciliation of long-term and short-term migration?</i> Asylum Q1 2008 A8/A2 Q1 2008 MSOA Turnover Rates 2005-06 LFS Foreign Nationals in Employment <i>Revised MYE 2006 – very old?</i>
	June	ONS 2006 Subnational Projections
	August 21	ONS Releases: Mid-2007 population estimates Internal Migration 2006-07 Interregional Migration Dec 2007 2006 MYE EG Asylum 2007 Asylum Q2 2008 A8/A2 Q2 2008 NINo Q1 2008 and 2007/08 LFS Foreign Nationals in Employment Quality Assessment of SNPP NHS Flag 4s 2006-07?
	October	CLIP Population Subgroup
	November	CLIP Census Subgroup ONS Releases: International Migration 2007 First Release Interregional Migration March 2008 Asylum Q3 2008 A8/A2 Q3 2008 NINo Q2 2008 Interim 2005-07 lifetables LFS Foreign Nationals in Employment
	December	CLG 2006-based household projections?
	2009 February	ONS Releases: Interregional Migration June 2008 Asylum Q4 2008 A8/A2 Q4 2008 NINo Q3 2008 LFS Foreign Nationals in Employment

Timetable for producing GLA projections

The following timetable is dependent upon the release of specific data sets by ONS, and CLG. While every effort will be made to keep to the timetable, in certain circumstances it may be necessary to choose between delay and non-inclusion of an expected new input.

The basic timetable to produce borough population and household projections in October each year is critically dependent upon the release of new mid-year estimates. For 2008 the mid-year estimate change analyses should be available by late August at the same time as the estimates. The other projections are then dependent upon the borough population results.

Borough: Population

2008 Round	October 2008 - will incorporate annual birth, death and migration changes up to mid-2007. The critical dependency is the availability of the ONS mid-2007 population estimates and the change analyses.
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Borough: Households

2008 Round	October 2008 - will incorporate results for each borough from the revised CLG 2004-based household projections.
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Borough: Resident Labour Force

2008 Round	October 2008. If ONS releases new national labour force projections at any time in the year these will be used to update the 2007 Round GLA projections. Otherwise the next set will be the 2008 Round.
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Borough: Ethnic Group

2008 Round	January 2009. Including households and labour force, the extent of the details of which are subject to the outcomes of research into data and methods.
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Wards: Population, Households and Labour Force

2008 Round	December 2008. This round will incorporate births and deaths up to mid-2007 and the October 2007 electoral canvass as well as updated borough development data.
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Appendix: GLA Demography Publications in 2007 and early 2008

Briefings

2007-01	CLG 2003-based Household Projections
2007-02	Claimant Count Model 2007 (with Social Exclusion Team)
2007-12	GLA 2006 Round Ward Projections
2007-13	Borough and Sub-region Demographic Profiles
2007-14	GLA 2006 Round Ethnic Group Projections
2007-16	Key Facts for Diverse Communities
2007-24	Counting the Population
2008-03	GLA 2007 Round Ethnic Group Projections
2008-07	GLA 2007 Round Demographic Projections
2008-08	Greater London Assembly Constituency Profiles (with General Statistics Team)
2008-10	London Borough Migration 2001-06

Updates

02-2007	CLG 2004-based Projections of Households in England and the Regions
07-2007	ONS Mid-year Estimate Methodology Changes
11-2007	Borough Births 2006
12-2007	Borough Deaths and Natural change 2006
14-2007	Short-term Migration
16-2007	ONS Mid-year Estimates 2001 to 2006
18-2007	ONS Revised 2004-based Subnational Population Projections
20-2007	ONS Ethnic Group Population Estimates 2001 to 2005
21-2007	ONS 2006-based National Projections
22-2007	International Migration 2006
23-2007	Life expectancy at Birth: 2004-06
02-2008	CLG Revised 2004-based Projections of households

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

Recent DMAG Briefings 2008:

2008-01	Census Information Note 2008-1	Eileen Howes
2008-02	PayCheck 2007	Lovedeep Vaid
2008-03	GLA 2007 Round Ethnic Group Projections	Baljit Bains
2008-04	Council Tax Analysis	Elizabeth Williams
2008-05	A Profile of Londoners by Country of Birth	Lorna Spence
2008-06	Claimant Count Model 2008: Technical Note	Lorna Spence
2008-07	GLA 2007 Round Demographic Projections	John Hollis
2008-08	Greater London Authority Constituency Profiles	Elizabeth Williams & Caroline Hall
2008-09	Family Resources Survey 2005/06: Results for London	Lovedeep Vaid
2008-10	London Borough Migration: 2001-06	John Hollis
2008-11	Social Exclusion Data Team Workplan 2008/09	Social Exclusion Data Team

Recent DMAG Briefings 2007:

2007-16	Key Facts for Diverse Communities: Ethnicity and Faith	Baljit Bains
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 in London 2006	Lovedeep Vaid
2007-20	Worker Registration Scheme	Elizabeth Williams
2007-21	Economic Activity Rates in London	Richard Cameron & Giorgio Finella
2007-22	ONS Model-Based Income Estimates: 2004/05	Lovedeep Vaid
2007-23	Background to DMAG Poverty Profiles	Lovedeep Vaid
2007-24	Counting the Population: GLA Submission to the Treasury Sub-Committee	John Hollis
2007-25	Census Information Note 2007-2	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 A CD containing PDF versions of the Briefings, or hard copies, can be provided.

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