

## Data Management and Analysis Group

# Demography Team Workplan 2005-06



DMAG Briefing 2005/11

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**Demography Team  
Workplan 2005-06**

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# Demography Team Workplan

## 2005-06 Priorities

During 2005-06 the main priorities of the Team 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 include:

To prepare borough level population projections incorporating all necessary results from the 2001 Census, particularly as regards migration, and the 2004-05 London Housing Capacity Study.

To prepare borough level household projections incorporating all necessary results from the 2001 Census, particularly as regards marital status and household representative rates, the 2004-05 London Housing Capacity Study and the ODPM 2003-based household projections.

To prepare borough resident labour force projections incorporating all necessary results from the 2001 Census, particularly as regards economic activity rates, and the ONS 2003-based national labour force projections.

To prepare ward level population, household and labour force projections linked to the above borough level projections.

To prepare borough level ethnic group population projections linked to the above borough level projections. These will incorporate 2001 Census data on migration of ethnic groups.

To produce *DMAG Briefings* that describe all new inputs to the demographic projection models as well as detailing the main results.

To research other aspects of London's population with special reference to ethnic demography, and to publish GLA demographic research in *DMAG Briefings*.

To provide alerting and data services 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 ODPM household projections). This will be done using *DMAG Briefings*, *DMAG Updates*, the GLA Demography Extranet and the Demography Liaison Group.

To ensure that the Demography Extranet is updated regularly to accommodate all new GLA projections results and the Demography Team's *Briefings* and *Updates*.

To hold three meetings of the Demography Liaison Group and other ad hoc meetings as may be necessary.

To represent the GLA family and London boroughs at meetings with data providers, eg ONS and ODPM, to ensure London's requirements and concerns are understood and, as far as possible, met.

## Introduction

The Demography Team has four posts:

- Demographic Consultant – who leads both the Demography Team and the Social Exclusion Team.
- Senior Research and Statistical Analyst (Ethnic Demography)
- Research and Statistical Analyst (Demography)
- Research and Statistical Analyst (Ethnic Demography and Health) – post shared with the London Health Observatory

The Team's main clients may be segmented as follows:

- The Mayor's Office – for support for strategies
- The London Plan Team – specific involvement regarding the Plan's supporting projections as well as the Plan's review
- Other teams in the Data Management and Analysis Group – particularly support for social exclusion and education projects
- The rest of the GLA
- The Assembly
- The Functional Bodies
- The London Boroughs
- The London Health Observatory, health authorities and PCTs within London

Academics, the media, the voluntary sector and various businesses working on public sector projects often seek the work and advice of the Team. The Team also has close two-way relationships with the Office for National Statistics, the Office of the Deputy Prime Minister and the Government Office for London on matters involving London's demography.

The Team is responsible for monitoring demographic change within London, using a range of data sources most of which are provided by ONS and ODPM. 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

The Team holds regular meetings of the Demography Liaison Group, which includes representatives from the client groups mentioned above. The DLG discusses the Team's work, which is 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 the Team represent London-wide interests on the following Groups:

- ONS CLIP Census Advisory Group (LA Lead)
- ONS UK Census Design and Methodology Advisory Group
- ONS 2011 Census LA Steering Group
- ONS 2007 Special Population Study Advisory Group
- ONS Liaison Group on Population Statistics
- ONS Small Area Population Estimates Working Group
- ONS Population Definitions Advisory Group
- ODPM Consultative Group on Projections in Planning
- British Society for Population Studies Council

These meetings enable the GLA to put London's case for better census and general demographic statistics to government and also help to maintain the high national profile of GLA demography.

This *Briefing* sets out the planned timetable of work through 2005-06 required to meet the above objectives with a key requirement to complete the updating the GLA suite of demographic models to account for all relevant results from the 2001 Census and associated datasets.

## **Data Supply**

The Demography Team is critically dependent upon the availability of data supplied mainly by ONS but also other government departments and other organisations. This section outlines the key data that should be made available up to the end of March 2006.

### *ONS 2001 Census*

Although the Census took place nearly four year ago the GLA has only in the past few months started to receive tables commissioned by the Demography Team for use in updating and developing the models. In recent months the following have been received and are being converted into inputs to the models. This work will be reported in *Briefings*.

- Migration flows by age and gender for borough groups
- Migration flows by age and gender for boroughs
- Migration flows by age, gender and ethnic group for boroughs
- Infants by ethnic group and by mothers age and ethnic group and fathers ethnic group for borough groups
- Household representatives by age, gender and marital status for boroughs

Negotiations with ONS on the specifications of other tables are ongoing. Among tables anticipated becoming available in the next few months are:

- Household representatives by age, gender, marital status and ethnic group for boroughs
- Migration at ward level

### *ONS Estimates and Projections*

ONS is due to release mid-2004 population estimates in August/September 2005. As well as the estimates themselves GLA will receive full details of the analysis of population changes between mid-2003 and mid-2004.

ONS is developing a work programme of Local Authority Population Studies in 2005-06. It is not yet known whether this will involve any London boroughs. The Demography Team is represented on the Advisory Group on this work and will press for results relevant to London. The Team has already had discussions with ONS about the research necessary to improve the estimation of migration at borough level within London.

As the most recent ONS long-term subnational projections were 2003-based the only ONS projections anticipated in 2005-06 are 2004-based short-term projections. These will be dependent upon GAD 2004-based national projections that are expected in November/December.

ONS also has the responsibility of issuing updated estimates of national, regional and local migration, both within the UK and with overseas. Several datasets are released regularly throughout the year relating to quarters, calendar years and mid-year to mid-year periods. This data lead into the preparation of the mid-year estimates but are also valuable for local monitoring of trends.

Another long-awaited output from ONS is the national projection of the labour force. Now that GAD has produced its first population projections based on the 2001 Census and ONS have revised population estimates through the decade 1991 to 2001, it remains for ONS Labour Market Statistics Division to analyse trends in economic activity from the re-weighted Labour Force Surveys and apply to the projections. These projections are expected in mid-2005.

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 ONS website is regularly scanned for relevant material.

#### *ONS Vital Statistics and Electorates*

Fertility and mortality data necessary for the Demography 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 not anticipated that there will be further detailed fertility or mortality analyses carried out in 2005-06 it is likely that standard ONS products will be sufficient this year.

Borough and ward electorate returns are received annually – usually in the spring following the autumn electoral canvass.

#### *Government Actuary's Department*

The GAD 2004-based national population projections are expected in November/December. These will be a full update incorporating new fertility and mortality projections as well as a new assessment of long-term international migration trends for the UK and the constituent countries. GLA projections utilise the national fertility and mortality assumptions, but are independent of the migration levels in the GAD work.

#### *ODPM*

Mid-2003 based household projections – due in mid-2005.  
Mid-2004 household estimates – late 2005.  
Council Tax Borough summaries.

The ODPM household projections are eagerly awaited, as they will play a vital role within future GLA household projections. The 2003-based projection will be the first to use 2001 Census data on households by type and age/gender/marital status of the representative. These projections are potentially extremely controversial and history shows that successive government Ministers have 'sat' on the publication while waiting for the most expedient moment. The date of the 2005 General Election could be significant in terms of the date of release of these statistics.

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

### *GLA*

The one homegrown set of data that is anticipated in the coming year is the 2004-05 London Housing Capacity Study. The delayed 2004 round of projections will rely upon the LHCS results for the borough and ward population and household distributions. It is anticipated that the first preliminary release of this data will be by the end of March 2005.

The Team will also be utilising development data collected by the boroughs and the GLA via the London Development Monitoring System (LDMS) and any short-term data on specific future developments supplied by the boroughs.

## Research and Publications Programme

The main items of research that are planned for 2005-06 will be those required to (a) update or (b) potentially improve the demographic models.

The Team is about to publish *Briefings* on:

- Borough fertility rates 2000-02 (March 2005)
- Borough life tables 2000-02 (March 2005)

Both have been reported to the Demography Liaison Group.

Further *Briefings* will detail:

- 2001 Census borough group migration structures
- 1991-2003 borough migration trends
- 2001 Census ethnic migration structures
- 2001 Census household representative rates
- 2001 Census ethnic group household representative rates
- The ethnicities of infants, their mothers and fathers
- 2001 Census ethnic group economic activity rates
- Ward population change risk analysis

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

- Ethnic Diversity Indices (March 2005)
- Child Yield
- Asian Profiles
- Further ethnic analysis of HES data

The team will continue to report on the release of significant data by ONS and ODPM including the following as an anticipated minimum:

- ODPM 2003-based household projections (Mid-2005)
- ONS national labour force projections (Mid-2005)
- ONS mid-2004 population estimates (September 2005)
- GAD 2004-based national population projections (December 2005)
- ONS mid-2004 based short-term subnational population projections (December 2005?)
- ODPM mid-2004 household estimates (December 2005?)
- ONS 2005-06 LA Studies (Early 2006)

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

- Borough and London Plan Sub-region Profiles (March 2005 and early 2006)
- Greater London Demographic Review 2004 (December 2005)

and the following background documents to the GLA demographic models:

- Development of the ethnic group model (March 2005)
- Small area population projections manual/user guide (March 2005)

Finally the Team will continue to report upon the results of its own demographic projections. This list may be changed by circumstances of external data availability and GLA priorities but the following are expected to be produced by the end of March 2006:

- GLA 2004 Round Population Projections – including a borough ‘Scenario’ projection using the new Housing Capacity Study and ward projections
- GLA 2004 Round Household Projections – incorporating the key results of the ODPM household projections
- GLA 2004 Round Ethnic Group Population Projections
- GLA 2004 Round Resident Labour Force Projections
- GLA 2005 Round Population and Household Projections at borough and ward levels
- GLA 2005 Round Ethnic Group Population Projections – including labour force
- GLA 2005 Round Resident Labour Force Projections

## **Timetable for producing GLA projections**

The following timetable is dependent upon the release of specific data sets by ONS, ODPM and GLA. 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 2004 Round has been delayed while waiting for the results of the London Housing Capacity Study, but the 2005 Round should be prepared to what is anticipated to be a regular schedule.

The basic timetable to produce borough population and household projections in October/November each year is critically dependent upon the release of new mid-year estimates. From 2005 these should be available in early September. The other projections are then dependent upon the borough population results.

### ***Borough: Population***

**2004 Round**                      **Mid-2005** - will incorporate annual changes up to mid-2003, full 2001 Census migration data, fertility and mortality trends from GAD 2003-based national projections. The base year will move to 2001 (rather than 1991). **The critical dependency is the GLA London Housing Capacity Study.**

**2005 Round**                      **October/November 2005** - will incorporate annual changes up to mid-2004. **The critical dependency is the availability of the ONS mid-2004 population estimates and the appropriate change analyses.**

### ***Borough: Households***

**2004 Round**                      **Mid-2005** - the critical dependencies are the GLA London Housing Capacity Study and the ODPM 2003-based household projections.

**2005 Round**                      **October/November 2005.**

### ***Borough: Labour Force***

**2004 Round**                      **Mid-2005** – the critical dependency is the availability of the ONS national labour force projection.

**2005 Round**                      **November/December 2005.**

***Borough: Ethnic Group***

**2004 Round**                    **Summer 2005 - this is dependent upon receiving outstanding ONS 2001 Census data and the GLA 2004 round borough population projections.**

**2005 Round**                    **January 2006.**

***Wards: Population, Households and Labour Force***

**2004 Round**                    **Summer 2005 - this will incorporate births and deaths up to mid-2003 and the October 2004 electoral canvass as well as the new London Housing Capacity Study.**

**2005 Round**                    **January/February 2006 - this will incorporate births and deaths up to mid-2004 and the October 2004 electoral canvass as well as additional borough development data, if available.**

## Regular Briefings from the GLA Data Management and Analysis Group

### Latest DMAG Briefings:

DMAG 2005/1	County of Birth and Labour Market Outcomes	Lorna Spence
DMAG 2005/2	2001 Census: London Country of Birth Profiles	Giorgio Finella
DMAG 2005/3	2001 Census: Economic Activity in London	Giorgio Finella
DMAG 2005/4	2001 Census Profiles: Pakistanis in London	Gareth Piggott
DMAG 2005/5	Indices of Deprivation 2004: Ward analysis	Lovedeep Vaid
DMAG 2005/6	London – The World in a City	Marian Mackintosh
DMAG 2005/7	Claimant Count Model: Technical Note	Lorna Spence/ Georgia Hay
DMAG 2005/8	London Pupil Dataset	David Ewens
DMAG 2005/9	Borough Fertility Rates 2000-02	John Hollis/ Georgia Hay
DMAG 2005/10	Borough Life Tables 2000-02	John Hollis/ Georgia Hay

### Recent DMAG Briefings:

DMAG 2004/1	2003 Round Ward Population Projections	Georgia Hay
DMAG 2004/2	London's Workers Part 1: 2001 Census results	Eileen Howes
DMAG 2004/3	Borough Demographic Profiles	Georgia Hay
DMAG 2004/4	DMAG Annual Review 2003	Jackie Maguire/ Rob Lewis
DMAG 2004/5	2003 Round Demographic Projections	John Hollis
DMAG 2004/6	Londoners' Qualifications: Analysis of 2001 Census data	Gareth Piggott
DMAG 2004/7	The Parliamentary General Election, 2001	Michael Minors/ Dennis Grenham/ Jackie Maguire
DMAG 2004/8	Constituency Demographic Profiles	Georgia Hay
DMAG 2004/9	Measuring Unemployment	Lorna Spence
DMAG 2004/10	Measures of Income	Rachel Leeser/ Lorna Spence
DMAG 2004/11	2001 Census Profiles: The Irish in London	Eileen Howes
DMAG 2004/12	Health in London Age-standardised Rates	Gareth Piggott
DMAG 2004/13	Data Sources on Refugees and Asylum Seekers	Ed Klodawski
DMAG 2004/14	Census Information Note 2004-1	Eileen Howes
DMAG 2004/15	2001 Census: Local Authority Population Studies	John Hollis
DMAG 2004/16	2001 Census Profiles: Bangladeshis in London	Gareth Piggott
DMAG 2004/17	London Plan Sub-Regional Demographic Profiles	Georgia Hay
DMAG 2004/18	Indices of Deprivation 2004	Rachel Leeser
DMAG 2004/19	2001 Census Profiles: Muslims in London	Eileen Howes
DMAG 2004/20	ONS Mid-Year Population Estimates: 2001 and 2002 (revised) and 2003	John Hollis/ Georgia Hay
DMAG 2004/21	School Register	Shen Cheng
DMAG 2004/22	Census Information Note 2004-2	Gareth Piggott
DMAG 2004/23	ONS Mid-year Population Estimates: 1991 to 2003	John Hollis/ Georgia Hay
DMAG 2004/24	Fertility of Ethnic Groups in London, 2002/03	Ed Klodawski
DMAG 2004/25	ONS 2003-based Subnational Projections	John Hollis/ Georgia Hay
DMAG 2004/26	Census Information Note 2004-3	Eileen Howes
DMAG 2004/27	PayCheck 2004	Lovedeep Vaid
DMAG 2004/28	Greater London Demographic Review 2003	Georgia Hay

If you would like copies of previous briefings, please contact Jackie Maguire at the GLA, [jackie.maguire@london.gov.uk](mailto:jackie.maguire@london.gov.uk)

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