

Data Management and Analysis Group

Demography Team Workplan 2007/08



Demography

DMAG Briefing 2007-06

March 2007

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For more information please contact:

John Hollis

Demographic Consultant
Data Management and Analysis Group
Greater London Authority
City Hall (5 East PP14)
The Queen's Walk
More London
London SE1 2AA

Tel: 020 7983 4604
john.hollis@london.gov.uk

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ISBN 1479-7879



Demography Team Workplan 2007/08

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 Social Exclusion Data Team and the Education Team
- Senior Research and Statistical Analyst (Ethnic Demography) – **Baljit Bains**
- Research and Statistical Analyst (Demography) – **Caroline Hall**
- 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 regarding supporting demographic analysis and projections for the *Review of 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.

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 2007/08 it is planned 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 planned 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:

- British Society for Population Studies (President)
- ONS CLIP Census Advisory Group (LA Lead)
- ONS 2011 Census LA Liaison Steering Group
- ONS CLIP Population Subgroup
- ONS National Population Projections Expert Advisory Panel
- ONS Population Definitions Working Group
- 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 profile of the GLA Demography.

During early 2007 the Team has continued to be closely involved with the development of the GLA *New Migrant Databank* project. This is 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 is working with colleagues in the Policies and Partnerships Directorate to form a wide-ranging consortium to fund and steer the development a pilot databank.

GLA Demography is likely to be involved in an ESCR initiative: Understanding Population Trends and Process (UPTAP) in the capacities of both reviewer and collaborator. At present GLA Demography has attracted the interest of four different UPTAP proposals.

This *Briefing* sets out the planned timetable of work through 2007/08 required to meet its priorities and objectives.

2007/08 Priorities

During 2007/08 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 2007/08 will include:

- To support the GLA-wide work on *Review of the London Plan* by the production of a range of demographic projections and supporting documentation. An Examination in Public is scheduled for early summer 2007.
- To work with ONS to ensure that new national methodology to distribute UK international migration totals to local authorities fairly represents the situation within London and to assist in quality assurance of the analyses leading to revised mid-year population estimates and revised ONS 2004-based subnational population projections. DMAG is represented on the ONS QA (Quality Assurance) Panel on this important topic that will impact local authority funding arrangements for the years 2008/09 to 2010/11.
- Improvements to the scope of the GLA ethnic group projections as outlined above.
- *Focus on London 2008*, preparation of a demography chapter and possibly others on ethnicity and diversity.
- To prepare the annual round of GLA demographic projections as follows:
 - Borough level population projections utilising the *2004 London Housing Capacity Study*, updated estimates of recently completed development, the latest local trends in fertility and mortality and the latest data on migration affecting London. Inputs on future fertility, survival and migration trends will be drawn from the ONS 2006-based national population projections.
 - Borough level household projections, consistent with the population projections, incorporating structural change relating to marital status and household representative rates, as developed within the 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.
 - Ward level labour force estimates for mid-2008 will be prepared as bases for the 2008 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 include improved labour force projections and household projections, should the results of research prove this to be feasible.

- To research aspects of London's population with special reference 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

The Team will continue to be closely involved with the development of the GLA *New Migrant Databank* project. Work will be going ahead with colleagues in Policies and Partnerships Directorate to form a national consortium to fund and steer the development a pilot databank.

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 at least three times a year. 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 as relevant. Other ad hoc 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.

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 2008.

Office for National Statistics

2001 Census

Although the Census took place nearly six 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

ONS is at present involved in two modules of its Improving Migration and Population Statistics project that are intended to improve the quality of its population estimates and projections service. This work is focussing on improving the distribution to local authorities of the national data collected by the International Passenger Survey on inflows and outflows of migrants. During 2006 ONS asked GLA Demography to assist in this project due to the complexity and importance of the work for London and several of the London boroughs.

ONS is expected to publish the results of its research in Spring 2007 and GLA Demography has been invited to be on a QA Panel. The new methodology will be applied to all estimates of international migration back to mid-2001 and the mid-year population estimates for 2002 to 2005 will be revised.

ONS is due to release mid-2006 population estimates in August 2007 together with the revised estimates for previous years. As well as the estimates themselves GLA will receive full details of the analysis of population changes between mid-2001 and mid-2006. Improved annual analyses of change at borough level for the years 1991-2001 are also expected during the year.

The ONS work programme of Local Authority Population Studies involved two London boroughs, Barnet and Hammersmith & Fulham. Reports are expected in April 2007. GLA Demography was represented on the original Advisory Group on this work and will contribute to a London-wide Workshop in May 2007 to discuss the two reports and their wider implications.

In 2006 ONS published local authority estimates by ethnic groups for years 2001 to 2004. These are badged as 'experimental statistics' and ONS plans further annual estimates. However, longer term plans for ONS to produce ethnic group projections are unlikely to be advanced in 2007/08. 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.

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, Home Office records on asylum seekers and visitor switchers and data from Irish surveys. Several datasets are released regularly throughout the year relating to 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 uses these data. Estimates of UK migration up to the end of June 2006 were released in March 2007 with additional quarterly data expected at regular intervals. Details of international migration at regional level for calendar year 2005 are expected in April 2007. National level data for 2006 should become available in November 2007.

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 emerged in 2006 was population turnover rates. Further releases of these statistics will be reported. In March 2007 ONS released its Race Impact Assessment of the production of its own population estimates and projections.

ONS Population Projections

In August 2006 ONS published 2004-based subnational population projections. As ONS intend to revise the 2004 mid-year estimates in August 2007 there is also an intention to revise these projections by September 2007. These projections will again be constrained to the Government Actuary's 2004-based population projections for England that were published in November 2005. There will not be a consultation process but ONS has already approached GLA Demography to be involved in a quality assurance process for the new migration inputs being made for London boroughs. The next full set of ONS subnational projections is expected to be 2006-based. Work on these will not be carried out until Spring 2008.

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 are due to be published in October 2007. GLA Demography is represented on the Expert Advisory Panel that discusses the assumptions and will report on the projections, particularly the fertility, mortality and migration assumptions that will have a bearing on future 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 2007/08.

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 not anticipated that the Team will be doing detailed fertility or mortality analyses in 2007/08 it is likely that standard ONS products will be sufficient this year.

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 (formerly ODPM and, more recently, DCLG) mid-2003 based household projections were released in 2006 and the structural results were used in the GLA 2006 Round demographic projections. The ONS 2004-based projections have been used by CLG as the base for 2004-based household projections. Results were published in mid-March 2007. It is not yet known whether these will be updated later in the year using the ONS 2004-based revised subnational population projections. However, the most up-to-date CLG projections will be used in the GLA 2007 Round demographic projections. As ONS is committed to produce subnational population projections every second year CLG is now also expected to follow a two-year cycle. This implies that 2006-based household projections would not be published before early 2009.

During Spring 2007 CLG will be entering into a consultation exercise with the major clients of the household estimates and projections service. This will focus on products and methodologies for producing the estimates and projections.

Council tax data for London are also obtained from CLG.

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 Workers Registration Scheme that has been set up to manage labour migration from the EU Accession States to the UK.

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 any short-term data on specific future developments supplied by the boroughs. These data will assist in preparing borough and ward population estimates for years from mid-2001 up to mid-2007 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 2006 Round demographic projections used for the *Review of the London Plan*. Any more amendments in 2007 will be used in the 2007 Round demographic projections. These projections are steered via the GLA Projections Harmonisation Advisory Group, which has members from TfL and LDA as well as the GLA. Much of GLA Demography's efforts in Spring 2007 will be focussed on the *Review of the London Plan*. This will be in support of the Examination in Public in June.

Research and Publications Programme

The main items of research that are planned for 2007/08 will be those required to update or, potentially, to improve the demographic models.

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

- Revised borough migration trends 2001-2005
- Projecting ethnic group labour market participation
- Splitting the 'White' group in ethnic group projections
- Ethnic group migration structures
- Extension of ethnic group projections to households

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

- 2007 Round borough projections (October 2007)
- 2007 Round ward projections (December 2007)
- 2007 Round ethnic projections (January 2008)

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

- Key Facts for Diverse Communities (April 2007)
- 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 LA population studies (May 2007)
- ONS revised international migration methodology (May 2007)
- ONS mid-2006 population estimates (August 2007)
- ONS revised mid-2002 to mid-2005 population estimates (September 2007)
- ONS revised 2004-based subnational population projections (September 2007)
- ONS 2006-based national population projections (October 2007)

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

- Borough and London Plan Sub-region Profiles (April 2007)
- Greater London Demographic Review 2006 (December 2007)
- Demography chapter (plus possible chapters on ethnicity and/or diversity) of *Focus on London 2008* (March 2008)

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 2007 the mid-year estimate change analyses should be available by late August at the same time as the estimates; however the availability of revised estimates for earlier years could upset this timetable. The other projections are then dependent upon the borough population results.

Borough: Population

2007 Round **October 2007** - will incorporate annual birth, death and migration changes up to mid-2006. **The critical dependency is the availability of the ONS mid-2006 population estimates, the revised estimates for 2002 to 2005, and the appropriate change analyses.**

Borough: Households

2007 Round **October 2007** - will incorporate results for each borough from the CLG 2004-based household projections.

Borough: Resident Labour Force

2007 Round **November 2007.** If ONS releases new national labour force projections at any time in the year these will be used to update the most recent GLA projections. Otherwise the next set will be the 2007 Round.

Borough: Ethnic Group

2007 Round **January 2008.** Including households and labour force, the extent of the details of which are subject to the outcomes of research into data and methods.

Wards: Population, Households and Labour Force

2007 Round **December 2007.** This round will incorporate births and deaths up to mid-2006 and the October 2006 electoral canvass as well as updated borough development data.

Appendix: GLA Demography Publications in 2006 and early 2007

Briefings

2006/5	GLA Resident Labour Force Projections
2006/7	Claimant Count Model 2006 (with Social Exclusion Team)
2006/8	Demography Workplan 2006-07
2006/10	Household Representative Rates
2006/11	Borough and Sub-Region Demographic Profiles: 2006
2006/12	Interim Household Projections
2006/17	Sub-Region Demographic Profiles: 2006
2006/18	Independence for Statistics
2006/22	GLA 2005 Round Interim Ethnic Group Population Projections
2006/32	GLA 2006 Round Demographic Projections
2006/35	Greater London Demographic Review 2005
2007-01	CLG 2003-based Household Projections
2007-02	Claimant Count Model 2007 (with Social Exclusion Team)

Updates

2006/1	Changes to the 2001 base population used in the GLA demographic model
2006/3	Projections of London's Children
2006/4	ONS Labour Force Projections, 2006 to 2020
2006/5	ONS Population Estimates by Ethnic Group, 2001 to 2003
2006/8	ODPM 2003-based Projections of Households in England and the Regions to 2026
2006/10	Incorporating changes to the 2001 base population in the GLA demographic model
2006/11	Child Occupancy in New Social Housing
2006/12	ONS Population Turnover Rates
2006/14	Consultation on ONS 2004-based Subnational Population Projections
2006/15	ONS mid-2005 Population Estimates for London
2006/18	ONS 2004-based Subnational Population Projections
2006/20	ONS Population Turnover Rates 2003-04
2006/21	ONS Life Expectancy at Birth 2002-05
02-2007	CLG 2004-based Projections of Households in England and the Regions to 2029

Regular Briefings from the GLA Data Management and Analysis Group

Recent DMAG Briefings:

DMAG 2006/5	GLA Resident Labour Force Projections	John Hollis
DMAG 2006/6	Parents and Work in London	Lorna Spence
DMAG 2006/7	Claimant Count Model: Technical Note 2006	Lorna Spence / Georgia Hay
DMAG 2006/8	Demography Team Workplan 2006-07	John Hollis
DMAG 2006/9	Benefits Data for London: No. 4: Housing and Council Tax Benefits	Lovedeep Vaid
DMAG 2006/10	Household Representative Rates: Technical Report	Georgia Hay
DMAG 2006/11	Borough and Sub-regional Demographic Profiles, 2006	Georgia Hay
DMAG 2006/12	Interim Household Projections	John Hollis / Georgia Hay
DMAG 2006/13	Social Exclusion Team Workplan 2006-07	John Hollis
DMAG 2006/14	Benefits Data for London: No 5 Pension Benefits	Lovedeep Vaid
DMAG 2006/15	Census Information Note 2006-2	Giorgio Finella
DMAG 2006/17	Sub-Regional Demographic Profiles 2006	Georgia Hay
DMAG 2006/18	Independence for Statistics	John Hollis
DMAG 2006/19	Child Poverty in London	Lorna Spence (Ed)
DMAG 2006/20	Benefits Data for London: 6 Tax Credits	Lovedeep Vaid
DMAG 2006/21	Family and Children's Study 2004	Lovedeep Vaid
DMAG 2006/22	GLA 2005 Round Interim Ethnic Group Population Projections	Baljit Bains / Edmund Klodawski
DMAG 2006/24	National Insurance Registrations by overseas nationals	Gareth Piggott
DMAG 2006/26	A Profile of Londoners by First Language	Lorna Spence
DMAG 2006/27	2001 Census Profile: Jewish population of London	Gareth Piggott / Rob Lewis
DMAG 2006/28	Review of the 2001 Census Small Area Microdata	Rachel Leeser / Giorgio Finella
DMAG 2006/29	Children dependent on benefits by Parliamentary Constituencies	Lovedeep Vaid
DMAG 2006/30	Londoners and the labour market: key facts	Lorna Spence
DMAG 2006/31	The Census Language Needs Indicator	Gareth Piggott
DMAG 2006/32	GLA 2006 Round Demographic projections	John Hollis
DMAG 2006/33	Women and the labour market in London: Key facts	Lorna Spence
DMAG 2006/34	PayCheck 2006: Unequalised and Equalised Household Income	Lovedeep Vaid
DMAG 2006/35	Greater London Demographic Review 2005	Caroline Hall
DMAG 2007-01	DCLG 2003-based household projections	John Hollis
DMAG 2007-02	Claimant Count Model: Technical Note 2007	Lorna Spence / Caroline Hall
DMAG 2007-03	Commuting in London	Gareth Piggott
DMAG 2007-04	Who Benefits?	Lovedeep Vaid
DMAG 2007-05	Disabled People and the Labour Market	Lorna Spence

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.

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

Rob Lewis (020 7983 4652) is **Head of the Data Management and Analysis Group**.

rob.lewis@london.gov.uk

Bill Armstrong (020 7983 4653) works in the **Census Team** with particular responsibilities for **commissioned tables, workplace data** and **mapping**. bill.armstrong@london.gov.uk

Baljit Bains (020 7983 4613) works in the **Demography Team** and is responsible for **ethnic demography**, including **ethnic group projections**. baljit.bains@london.gov.uk

Gareth Baker (020 7983 4965) is the **GIS Manager**. gareth.baker@london.gov.uk

Shen Cheng (020 7983 4889) works in the **Education Team** and is responsible for **school roll projections**. shen.cheng@london.gov.uk

David Ewens (020 7983 4656) works in the **Education Team** and is responsible for **research and data analysis**. david.ewens@london.gov.uk

Giorgio Finella (020 7983 4328) works in the **Census Team**. giorgio.finella@london.gov.uk

Caroline Hall (020 7983 4347) works in the **Demography Team** and is responsible for **ward level projections**, the **Demography Extranet** and **borough liaison**. caroline.hall@london.gov.uk

John Hollis (020 7983 4604) is responsible for the work of the **Demography, Education** and **Social Exclusion Teams**, and particularly for **demographic modelling**. john.hollis@london.gov.uk

Eileen Howes (020 7983 4657) is responsible for the work of the **Census, SASPAC** and **General Statistics Teams** and particularly for **census analysis**. eileen.howes@london.gov.uk

Ed Klodawski (020 7983 4694) works in the **Demography Team**. His post is joint with the **London Health Observatory** and specialises in **ethnic** and **health** issues. edmund.klodawski@london.gov.uk

Rachel Leeser (020 7983 4696) works in the **Social Exclusion Team** with particular responsibilities for **surveys, income data** and the **Social Exclusion Data Users Group**. rachel.leeser@london.gov.uk

Alan Lewis (020 7983 4348) works on the **SASPAC** project. alan.lewis@london.gov.uk

Gareth Piggott (020 7983 4327) works in the **General Statistics Team**. gareth.piggott@london.gov.uk

Kelly Rump (020 7983 4655) is DMAG's **Senior Coordinator**. kelly.rump@london.gov.uk

Lorna Spence (020 7983 4658) is a member of the **Social Exclusion Team**, with particular responsibilities for **labour market data**. lorna.spence@london.gov.uk

Lovedeep Vaid (020 7983 4699) works in the **Social Exclusion Team** with particular responsibilities for **benefits, indicators, income data** and the **Social Exclusion Extranet**. lovedeep.vaid@london.gov.uk

Liz Williams (020 7983 4532) works in the **General Statistics Team**. Elizabeth.williams@london.gov.uk